

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_D\Data\VD110323\  
 Data File : VD077497.D  
 Acq On : 03 Nov 2023 11:17  
 Operator : JC/SY  
 Sample : VD1103SBS01  
 Misc : 5.00G/5.0ml/MSVOA\_D/SOIL  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD1103SBS01

Manual Integrations  
 APPROVED

Reviewed By : John Carlone 11/06/2023  
 Supervised By : Mahesh Dadoda 11/06/2023

Quant Time: Nov 04 05:14:01 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\82D103023S.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Oct 31 04:19:17 2023  
 Response via : Initial Calibration

| Compound                     | R.T.           | QIon | Response   | Conc     | Units  | Dev(Min) |
|------------------------------|----------------|------|------------|----------|--------|----------|
| -----                        |                |      |            |          |        |          |
| Internal Standards           |                |      |            |          |        |          |
| 1) Pentafluorobenzene        | 7.881          | 168  | 223075     | 50.000   | ug/l   | # 0.00   |
| 34) 1,4-Difluorobenzene      | 8.781          | 114  | 406254     | 50.000   | ug/l   | 0.00     |
| 63) Chlorobenzene-d5         | 11.581         | 117  | 357885     | 50.000   | ug/l   | # 0.00   |
| 72) 1,4-Dichlorobenzene-d4   | 13.522         | 152  | 160142     | 50.000   | ug/l   | 0.00     |
| System Monitoring Compounds  |                |      |            |          |        |          |
| 33) 1,2-Dichloroethane-d4    | 8.234          | 65   | 155257     | 49.219   | ug/l   | 0.00     |
| Spiked Amount 50.000         | Range 50 - 163 |      | Recovery = | 98.440%  |        |          |
| 35) Dibromofluoromethane     | 7.810          | 113  | 134150     | 47.776   | ug/l   | 0.00     |
| Spiked Amount 50.000         | Range 54 - 147 |      | Recovery = | 95.560%  |        |          |
| 50) Toluene-d8               | 10.269         | 98   | 558871     | 51.242   | ug/l   | 0.00     |
| Spiked Amount 50.000         | Range 58 - 134 |      | Recovery = | 102.480% |        |          |
| 62) 4-Bromofluorobenzene     | 12.575         | 95   | 174597     | 47.530   | ug/l   | 0.00     |
| Spiked Amount 50.000         | Range 30 - 143 |      | Recovery = | 95.060%  |        |          |
| Target Compounds             |                |      |            |          |        |          |
|                              |                |      |            |          |        | Qvalue   |
| 2) Dichlorodifluoromethane   | 1.934          | 85   | 35083      | 19.504   | ug/l   | 99       |
| 3) Chloromethane             | 2.152          | 50   | 54700      | 19.155   | ug/l   | 98       |
| 4) Vinyl Chloride            | 2.287          | 62   | 61288      | 22.009   | ug/l   | 99       |
| 5) Bromomethane              | 2.693          | 94   | 36751      | 25.185   | ug/l   | 99       |
| 6) Chloroethane              | 2.840          | 64   | 44333      | 23.646   | ug/l   | 93       |
| 7) Trichlorofluoromethane    | 3.181          | 101  | 75312      | 19.312   | ug/l   | 97       |
| 8) Diethyl Ether             | 3.599          | 74   | 24829      | 17.712   | ug/l # | 48       |
| 9) 1,1,2-Trichlorotrifluo... | 3.981          | 101  | 45506      | 19.329   | ug/l   | 93       |
| 10) Methyl Iodide            | 4.169          | 142  | 44574      | 17.196   | ug/l # | 90       |
| 11) Tert butyl alcohol       | 5.046          | 59   | 23497      | 94.037   | ug/l   | 96       |
| 12) 1,1-Dichloroethene       | 3.946          | 96   | 40788      | 18.300   | ug/l # | 67       |
| 13) Acrolein                 | 3.799          | 56   | 31182      | 94.633   | ug/l   | 100      |
| 14) Allyl chloride           | 4.563          | 41   | 98666      | 18.350   | ug/l # | 82       |
| 15) Acrylonitrile            | 5.258          | 53   | 74195      | 97.910   | ug/l   | 98       |
| 16) Acetone                  | 4.022          | 43   | 85686      | 102.656  | ug/l # | 82       |
| 17) Carbon Disulfide         | 4.275          | 76   | 86054      | 15.333   | ug/l   | 99       |
| 18) Methyl Acetate           | 4.575          | 43   | 56398      | 18.524   | ug/l # | 76       |
| 19) Methyl tert-butyl Ether  | 5.322          | 73   | 131010     | 18.726   | ug/l   | 93       |
| 20) Methylene Chloride       | 4.805          | 84   | 68294      | 20.330   | ug/l # | 61       |
| 21) trans-1,2-Dichloroethene | 5.316          | 96   | 47830      | 18.426   | ug/l # | 75       |
| 22) Diisopropyl ether        | 6.222          | 45   | 219062     | 19.170   | ug/l # | 90       |
| 23) Vinyl Acetate            | 6.157          | 43   | 465997m    | 94.522   | ug/l   |          |
| 24) 1,1-Dichloroethane       | 6.116          | 63   | 114702     | 19.344   | ug/l   | 95       |
| 25) 2-Butanone               | 7.081          | 43   | 107153     | 96.244   | ug/l # | 71       |
| 26) 2,2-Dichloropropane      | 7.081          | 77   | 99900      | 19.011   | ug/l   | 87       |
| 27) cis-1,2-Dichloroethene   | 7.087          | 96   | 60313      | 18.755   | ug/l   | 68       |
| 28) Bromochloromethane       | 7.428          | 49   | 42333      | 17.190   | ug/l # | 54       |
| 29) Tetrahydrofuran          | 7.446          | 42   | 62392      | 94.489   | ug/l # | 68       |
| 30) Chloroform               | 7.599          | 83   | 110206     | 19.906   | ug/l   | 93       |
| 31) Cyclohexane              | 7.881          | 56   | 89201      | 18.090   | ug/l # | 79       |
| 32) 1,1,1-Trichloroethane    | 7.793          | 97   | 90693      | 19.882   | ug/l   | 95       |
| 36) 1,1-Dichloropropene      | 8.016          | 75   | 75578      | 18.154   | ug/l   | 93       |
| 37) Ethyl Acetate            | 7.175          | 43   | 42544      | 17.807   | ug/l # | 89       |
| 38) Carbon Tetrachloride     | 7.999          | 117  | 73954      | 18.851   | ug/l   | 96       |
| 39) Methylcyclohexane        | 9.275          | 83   | 81437      | 17.144   | ug/l # | 80       |
| 40) Benzene                  | 8.257          | 78   | 224454     | 18.907   | ug/l   | 100      |

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 Operator : JC/SY  
 Sample : VD1103SBSD01  
 Misc : 5.00G/5.0ml/MSVOA\_D/SOIL  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD1103SBSD01

Manual Integrations  
 APPROVED

Reviewed By : John Carlone 11/06/2023  
 Supervised By : Mahesh Dadoda 11/06/2023

Quant Time: Nov 04 05:14:01 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\82D103023S.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Oct 31 04:19:17 2023  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|---------|--------|----------|
| 41) Methacrylonitrile         | 7.399  | 41   | 26857m   | 17.568  | ug/l   |          |
| 42) 1,2-Dichloroethane        | 8.328  | 62   | 69749    | 18.551  | ug/l   | 90       |
| 43) Isopropyl Acetate         | 8.363  | 43   | 88811    | 18.013  | ug/l # | 80       |
| 44) Trichloroethene           | 9.028  | 130  | 54899    | 18.879  | ug/l   | 90       |
| 45) 1,2-Dichloropropane       | 9.304  | 63   | 67548    | 19.327  | ug/l   | 98       |
| 46) Dibromomethane            | 9.393  | 93   | 30525    | 18.149  | ug/l # | 85       |
| 47) Bromodichloromethane      | 9.587  | 83   | 82245    | 18.500  | ug/l   | 99       |
| 48) Methyl methacrylate       | 9.381  | 41   | 40436    | 17.182  | ug/l # | 64       |
| 49) 1,4-Dioxane               | 9.387  | 88   | 6745     | 373.213 | ug/l # | 64       |
| 51) 4-Methyl-2-Pentanone      | 10.157 | 43   | 221413   | 91.237  | ug/l # | 82       |
| 52) Toluene                   | 10.334 | 92   | 134713   | 18.615  | ug/l   | 99       |
| 53) t-1,3-Dichloropropene     | 10.557 | 75   | 87683    | 18.627  | ug/l   | 98       |
| 54) cis-1,3-Dichloropropene   | 10.016 | 75   | 102001   | 18.830  | ug/l # | 81       |
| 55) 1,1,2-Trichloroethane     | 10.734 | 97   | 42231    | 18.820  | ug/l   | 91       |
| 56) Ethyl methacrylate        | 10.598 | 69   | 61890    | 18.550  | ug/l # | 66       |
| 57) 1,3-Dichloropropane       | 10.881 | 76   | 77839    | 18.558  | ug/l   | 99       |
| 58) 2-Chloroethyl Vinyl ether | 9.869  | 63   | 146251   | 87.560  | ug/l # | 84       |
| 59) 2-Hexanone                | 10.922 | 43   | 166242   | 92.990  | ug/l   | 79       |
| 60) Dibromochloromethane      | 11.075 | 129  | 50154    | 18.587  | ug/l   | 100      |
| 61) 1,2-Dibromoethane         | 11.181 | 107  | 38614    | 18.171  | ug/l   | 99       |
| 64) Tetrachloroethene         | 10.810 | 164  | 40101    | 17.600  | ug/l # | 90       |
| 65) Chlorobenzene             | 11.610 | 112  | 144600   | 19.286  | ug/l   | 99       |
| 66) 1,1,1,2-Tetrachloroethane | 11.681 | 131  | 53154    | 18.760  | ug/l   | 96       |
| 67) Ethyl Benzene             | 11.687 | 91   | 280230   | 19.425  | ug/l   | 94       |
| 68) m/p-Xylenes               | 11.792 | 106  | 199834   | 38.360  | ug/l   | 81       |
| 69) o-Xylene                  | 12.122 | 106  | 96721    | 19.383  | ug/l   | 83       |
| 70) Styrene                   | 12.140 | 104  | 166224   | 19.310  | ug/l # | 92       |
| 71) Bromoform                 | 12.304 | 173  | 27970    | 17.806  | ug/l # | 97       |
| 73) Isopropylbenzene          | 12.422 | 105  | 263991   | 20.219  | ug/l   | 94       |
| 74) N-amyl acetate            | 12.234 | 43   | 86377    | 18.677  | ug/l # | 79       |
| 75) 1,1,2,2-Tetrachloroethane | 12.675 | 83   | 49041    | 19.161  | ug/l   | 99       |
| 76) 1,2,3-Trichloropropane    | 12.728 | 75   | 38172m   | 19.585  | ug/l   |          |
| 77) Bromobenzene              | 12.704 | 156  | 55936    | 19.463  | ug/l   | 72       |
| 78) n-propylbenzene           | 12.763 | 91   | 333246   | 20.101  | ug/l   | 92       |
| 79) 2-Chlorotoluene           | 12.851 | 91   | 181124   | 19.296  | ug/l   | 89       |
| 80) 1,3,5-Trimethylbenzene    | 12.904 | 105  | 215703   | 19.689  | ug/l   | 93       |
| 81) trans-1,4-Dichloro-2-b... | 12.469 | 75   | 18149    | 17.987  | ug/l # | 84       |
| 82) 4-Chlorotoluene           | 12.945 | 91   | 183120   | 18.729  | ug/l   | 89       |
| 83) tert-Butylbenzene         | 13.169 | 119  | 183863   | 19.961  | ug/l   | 88       |
| 84) 1,2,4-Trimethylbenzene    | 13.216 | 105  | 218773   | 20.103  | ug/l   | 92       |
| 85) sec-Butylbenzene          | 13.345 | 105  | 285479   | 20.256  | ug/l   | 94       |
| 86) p-Isopropyltoluene        | 13.463 | 119  | 229380   | 20.024  | ug/l   | 94       |
| 87) 1,3-Dichlorobenzene       | 13.457 | 146  | 109592   | 19.400  | ug/l   | 96       |
| 88) 1,4-Dichlorobenzene       | 13.539 | 146  | 110463   | 19.571  | ug/l   | 96       |
| 89) n-Butylbenzene            | 13.786 | 91   | 239205   | 20.090  | ug/l   | 97       |
| 90) Hexachloroethane          | 14.051 | 117  | 45440    | 19.384  | ug/l   | 96       |
| 91) 1,2-Dichlorobenzene       | 13.834 | 146  | 97124    | 19.563  | ug/l   | 96       |
| 92) 1,2-Dibromo-3-Chloropr... | 14.451 | 75   | 7324     | 16.986  | ug/l   | 86       |
| 93) 1,2,4-Trichlorobenzene    | 15.098 | 180  | 64466    | 18.902  | ug/l   | 97       |
| 94) Hexachlorobutadiene       | 15.204 | 225  | 35042    | 19.048  | ug/l   | 98       |
| 95) Naphthalene               | 15.333 | 128  | 123515   | 18.984  | ug/l   | 98       |
| 96) 1,2,3-Trichlorobenzene    | 15.522 | 180  | 54649    | 18.563  | ug/l   | 99       |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_D\Data\VD110323\  
Data File : VD077497.D  
Acq On : 03 Nov 2023 11:17  
Operator : JC/SY  
Sample : VD1103SBSD01  
Misc : 5.00G/5.0ml/MSVOA\_D/SOIL  
ALS Vial : 6 Sample Multiplier: 1

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD1103SBSD01

Manual Integrations  
APPROVED

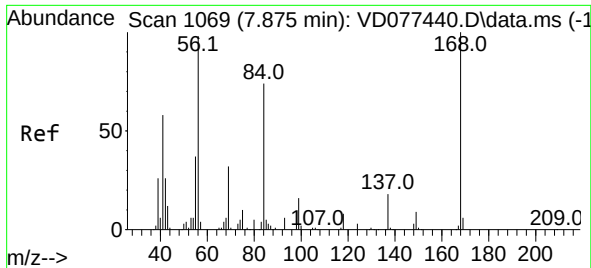
Reviewed By :John Carlone 11/06/2023  
Supervised By :Mahesh Dadoda 11/06/2023

Quant Time: Nov 04 05:14:01 2023  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\82D103023S.M  
Quant Title : SW846 8260  
QLast Update : Tue Oct 31 04:19:17 2023  
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|----------|------|------|----------|------|-------|----------|
|----------|------|------|----------|------|-------|----------|

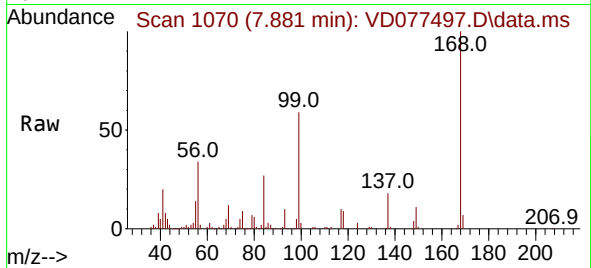
(#) = qualifier out of range (m) = manual integration (+) = signals summed





#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 7.881 min Scan# 1069  
Delta R.T. 0.006 min  
Lab File: VD077497.D  
Acq: 03 Nov 2023 11:17

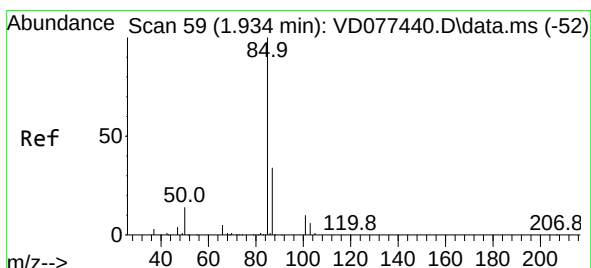
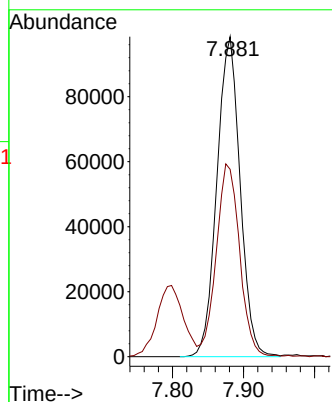
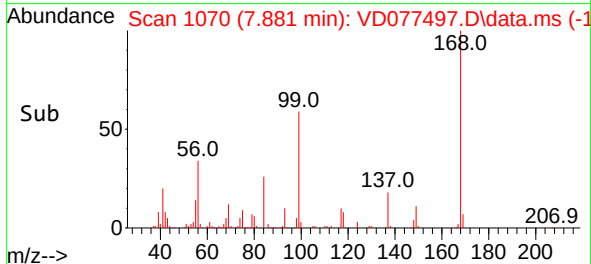
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD1103SBSD01



Tgt Ion:168 Resp: 223079  
Ion Ratio Lower Upper  
168 100  
99 58.3 36.7 55.1

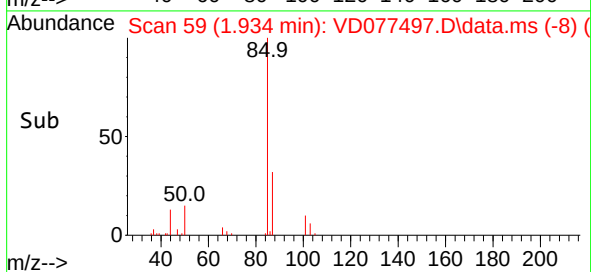
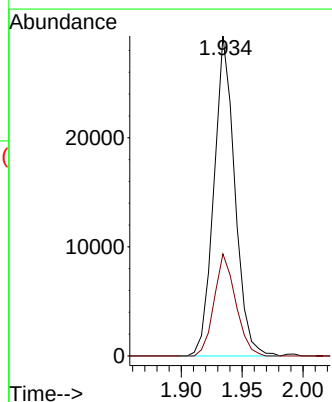
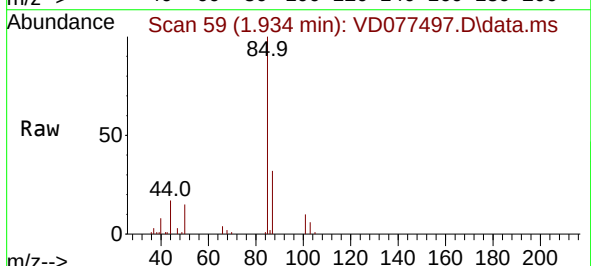
Manual Integrations  
APPROVED

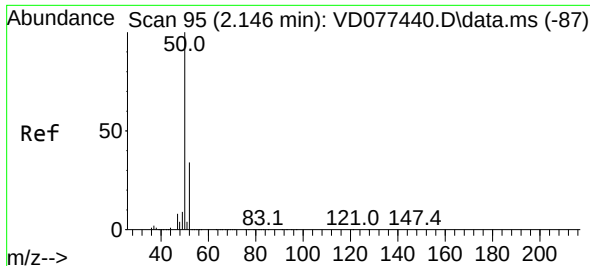
Reviewed By :John Carlone 11/06/2023  
Supervised By :Mahesh Dadoda 11/06/2023



#2  
Dichlorodifluoromethane  
Concen: 19.504 ug/l  
RT: 1.934 min Scan# 59  
Delta R.T. 0.000 min  
Lab File: VD077497.D  
Acq: 03 Nov 2023 11:17

Tgt Ion: 85 Resp: 35083  
Ion Ratio Lower Upper  
85 100  
87 31.9 15.7 47.0





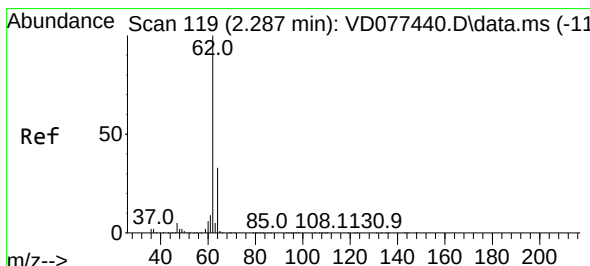
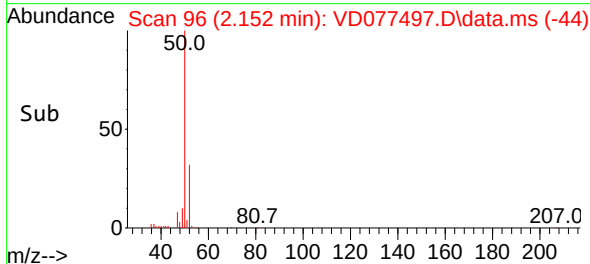
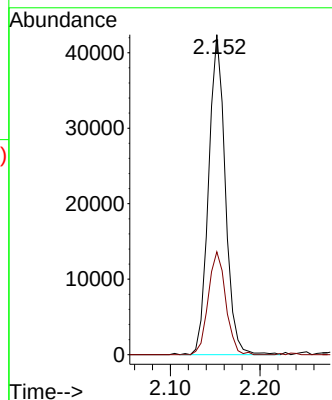
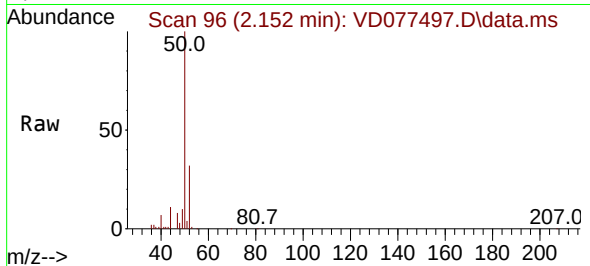
#3  
Chloromethane  
Concen: 19.155 ug/l  
RT: 2.152 min Scan# 95  
Delta R.T. 0.006 min  
Lab File: VD077497.D  
Acq: 03 Nov 2023 11:17

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD1103SBSD01

Tgt Ion: 50 Resp: 54700  
Ion Ratio Lower Upper  
50 100  
52 32.1 26.6 40.0

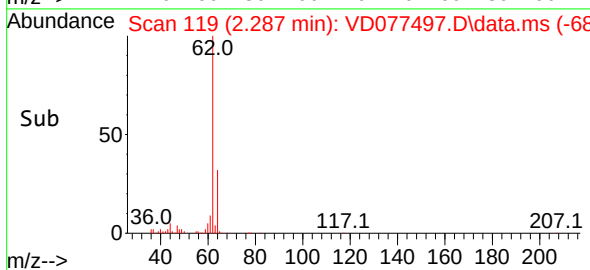
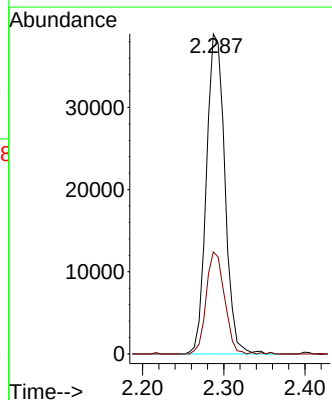
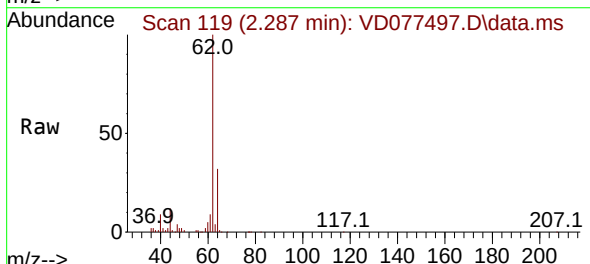
Manual Integrations  
APPROVED

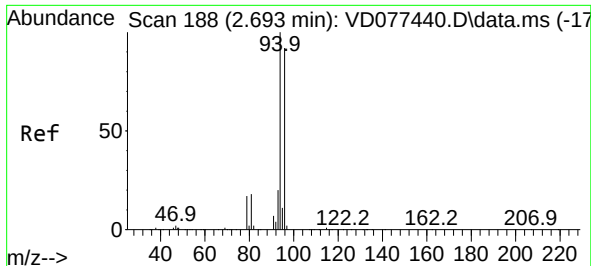
Reviewed By :John Carlone 11/06/2023  
Supervised By :Mahesh Dadoda 11/06/2023



#4  
Vinyl Chloride  
Concen: 22.009 ug/l  
RT: 2.287 min Scan# 119  
Delta R.T. 0.000 min  
Lab File: VD077497.D  
Acq: 03 Nov 2023 11:17

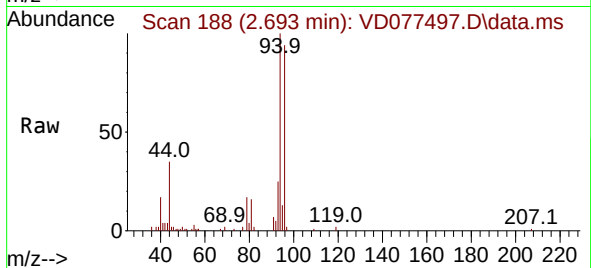
Tgt Ion: 62 Resp: 61288  
Ion Ratio Lower Upper  
62 100  
64 31.9 26.0 39.0





#5  
Bromomethane  
Concen: 25.185 ug/l  
RT: 2.693 min Scan# 188  
Delta R.T. 0.000 min  
Lab File: VD077497.D  
Acq: 03 Nov 2023 11:17

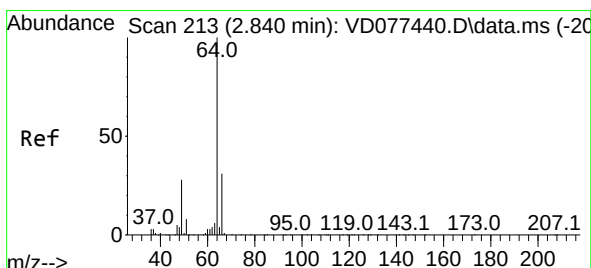
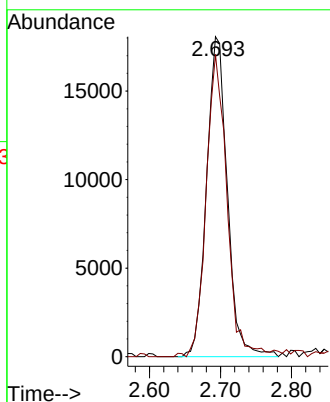
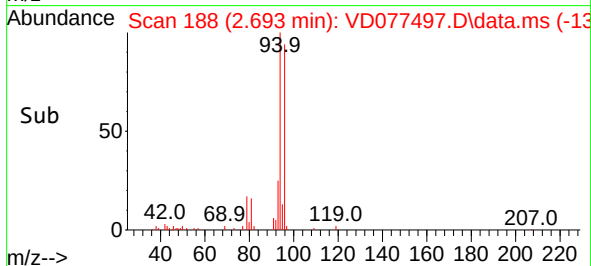
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD1103SBSD01



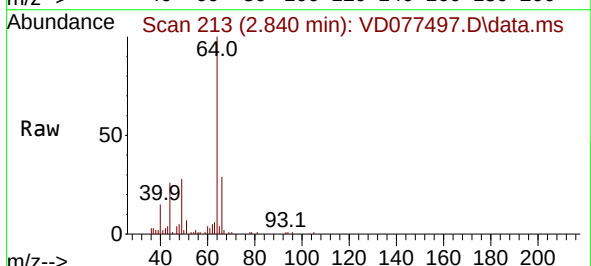
Tgt Ion: 94 Resp: 3675  
Ion Ratio Lower Upper  
94 100  
96 94.1 75.8 113.8

Manual Integrations  
APPROVED

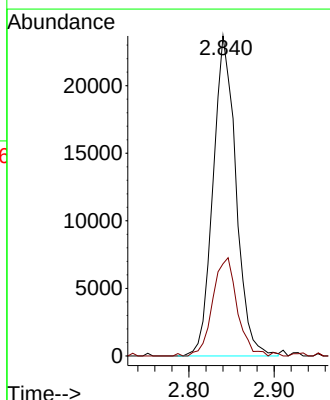
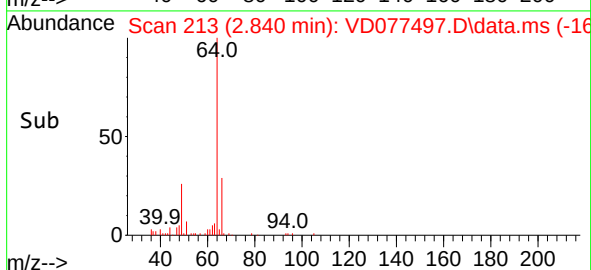
Reviewed By :John Carlone 11/06/2023  
Supervised By :Mahesh Dadoda 11/06/2023

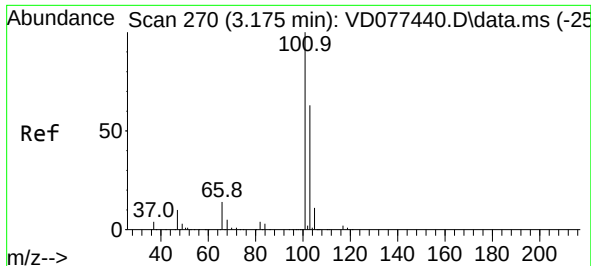


#6  
Chloroethane  
Concen: 23.646 ug/l  
RT: 2.840 min Scan# 213  
Delta R.T. 0.000 min  
Lab File: VD077497.D  
Acq: 03 Nov 2023 11:17



Tgt Ion: 64 Resp: 44333  
Ion Ratio Lower Upper  
64 100  
66 28.1 25.5 38.3





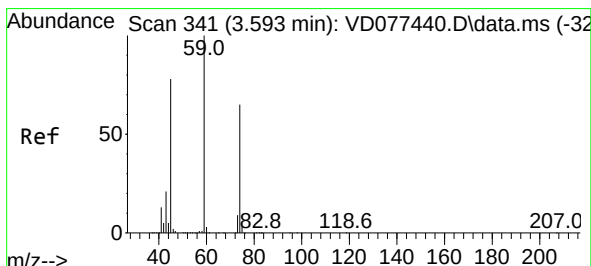
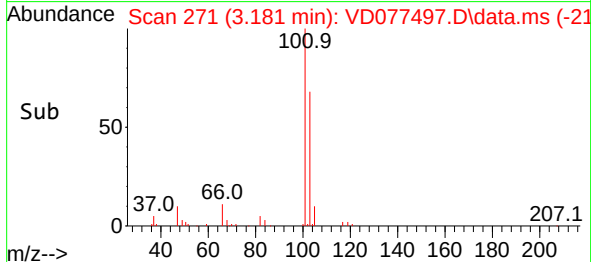
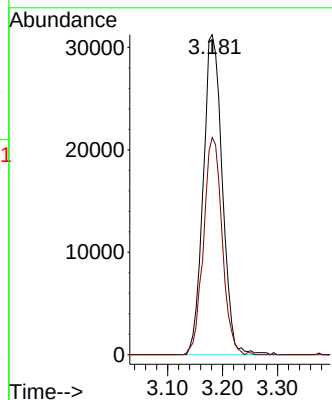
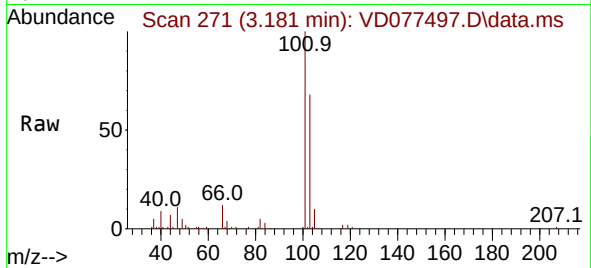
#7  
 Trichlorofluoromethane  
 Concen: 19.312 ug/l  
 RT: 3.181 min Scan# 21  
 Delta R.T. 0.006 min  
 Lab File: VD077497.D  
 Acq: 03 Nov 2023 11:17

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD1103SBSD01

Tgt Ion:101 Resp: 75312  
 Ion Ratio Lower Upper  
 101 100  
 103 67.9 52.3 78.5

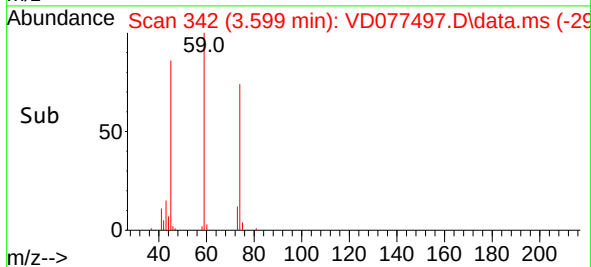
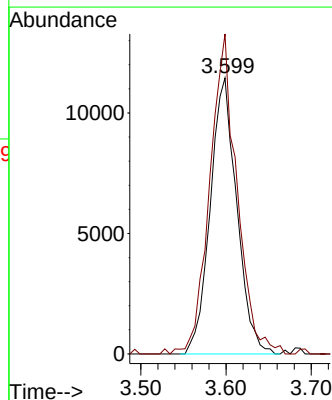
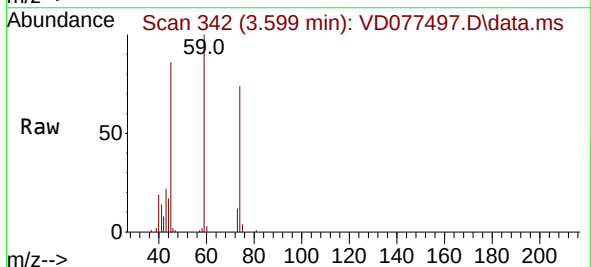
Manual Integrations  
 APPROVED

Reviewed By :John Carlone 11/06/2023  
 Supervised By :Mahesh Dadoda 11/06/2023

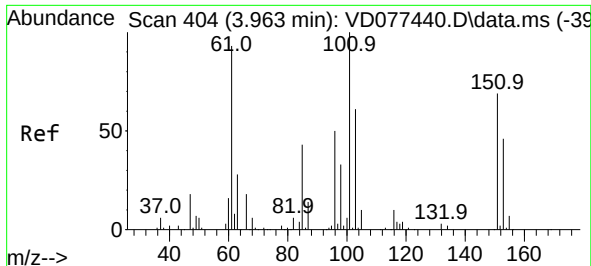


#8  
 Diethyl Ether  
 Concen: 17.712 ug/l  
 RT: 3.599 min Scan# 342  
 Delta R.T. 0.006 min  
 Lab File: VD077497.D  
 Acq: 03 Nov 2023 11:17

Tgt Ion: 74 Resp: 24829  
 Ion Ratio Lower Upper  
 74 100  
 45 119.5 37.5 112.7#







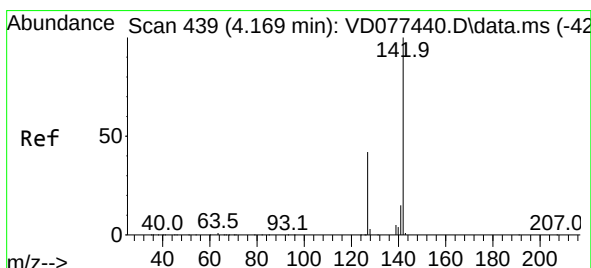
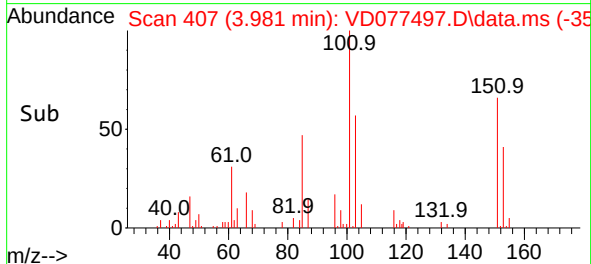
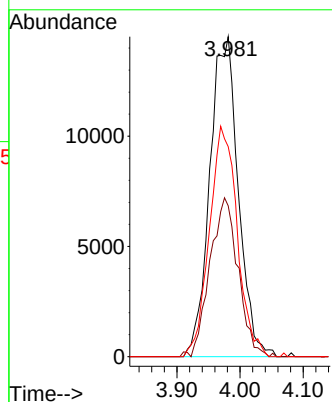
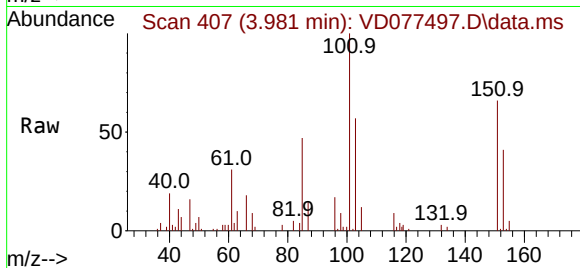
#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 19.329 ug/l  
RT: 3.981 min Scan# 407  
Delta R.T. 0.018 min  
Lab File: VD077497.D  
Acq: 03 Nov 2023 11:17

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD1103SBS01

Tgt Ion:101 Resp: 45500  
Ion Ratio Lower Upper  
101 100  
85 49.1 33.8 50.6  
151 70.5 59.8 89.6

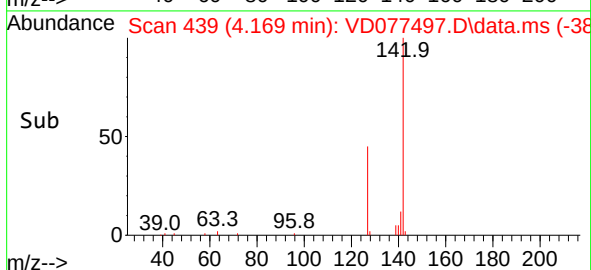
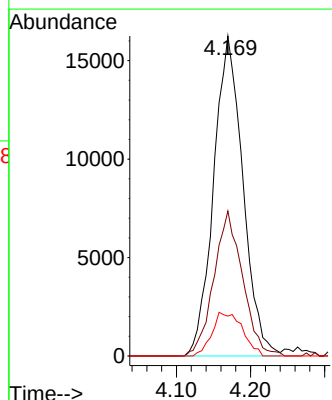
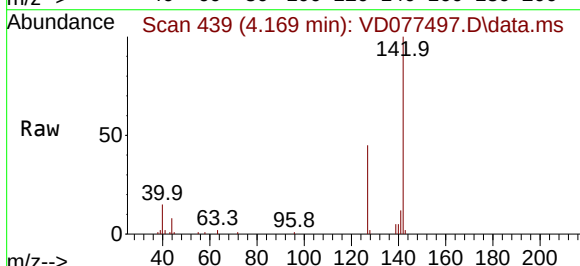
Manual Integrations  
APPROVED

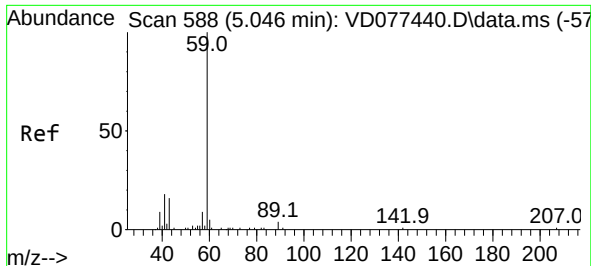
Reviewed By :John Carlone 11/06/2023  
Supervised By :Mahesh Dadoda 11/06/2023



#10  
Methyl Iodide  
Concen: 17.196 ug/l  
RT: 4.169 min Scan# 439  
Delta R.T. 0.000 min  
Lab File: VD077497.D  
Acq: 03 Nov 2023 11:17

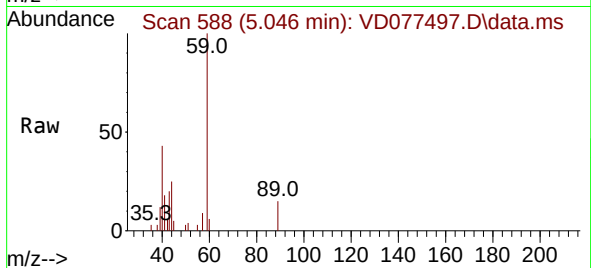
Tgt Ion:142 Resp: 44574  
Ion Ratio Lower Upper  
142 100  
127 44.6 29.4 44.0#  
141 14.1 11.1 16.7





#11  
Tert butyl alcohol  
Concen: 94.037 ug/l  
RT: 5.046 min Scan# 588  
Delta R.T. 0.000 min  
Lab File: VD077497.D  
Acq: 03 Nov 2023 11:17

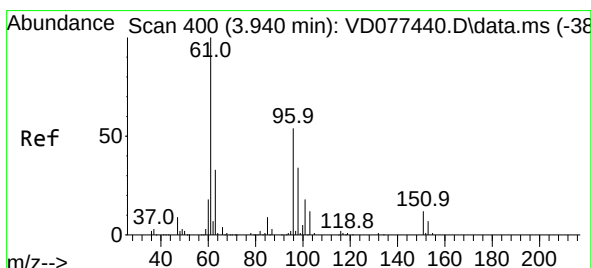
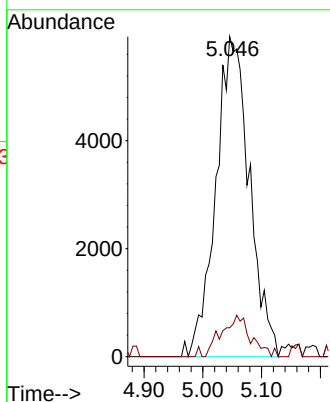
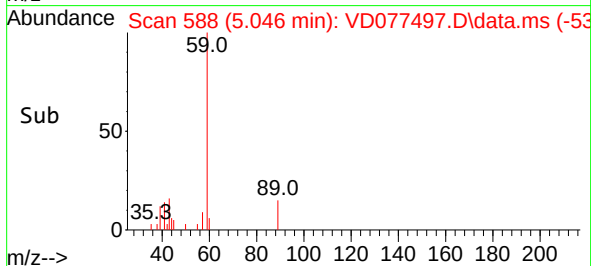
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD1103SBSD01



Tgt Ion: 59 Resp: 2349  
Ion Ratio Lower Upper  
59 100  
57 11.2 7.8 11.8

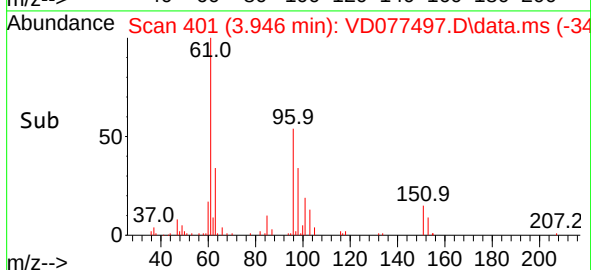
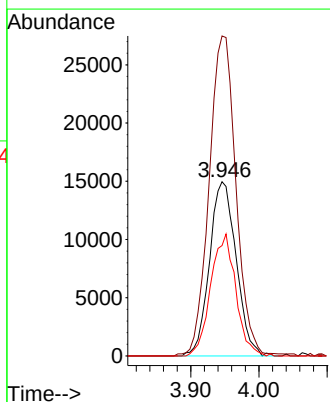
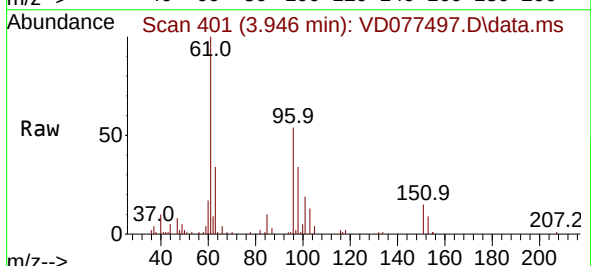
Manual Integrations  
APPROVED

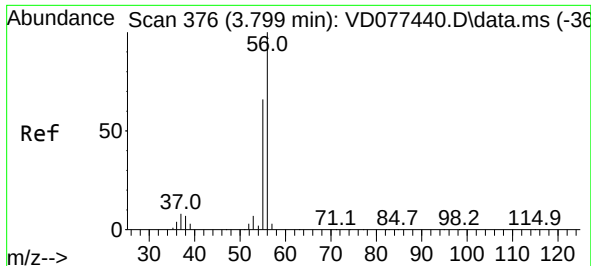
Reviewed By :John Carlone 11/06/2023  
Supervised By :Mahesh Dadoda 11/06/2023



#12  
1,1-Dichloroethene  
Concen: 18.300 ug/l  
RT: 3.946 min Scan# 401  
Delta R.T. 0.006 min  
Lab File: VD077497.D  
Acq: 03 Nov 2023 11:17

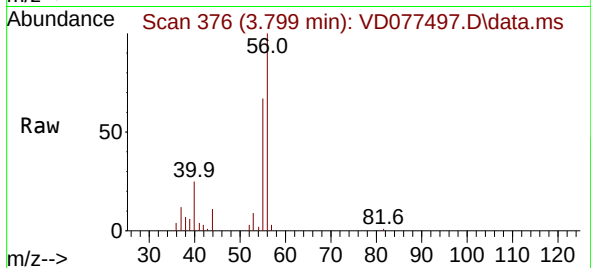
Tgt Ion: 96 Resp: 40788  
Ion Ratio Lower Upper  
96 100  
61 182.4 100.6 150.8#  
98 63.3 50.2 75.2





#13  
Acrolein  
Concen: 94.633 ug/l  
RT: 3.799 min Scan# 3118  
Delta R.T. 0.000 min  
Lab File: VD077497.D  
Acq: 03 Nov 2023 11:17

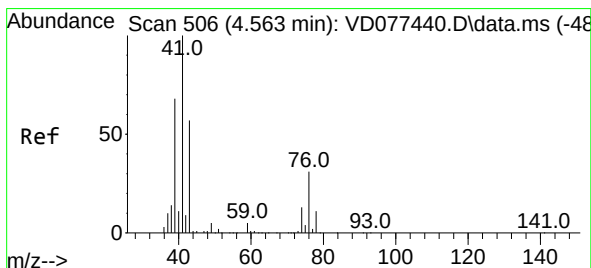
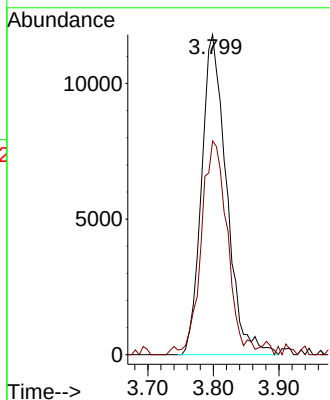
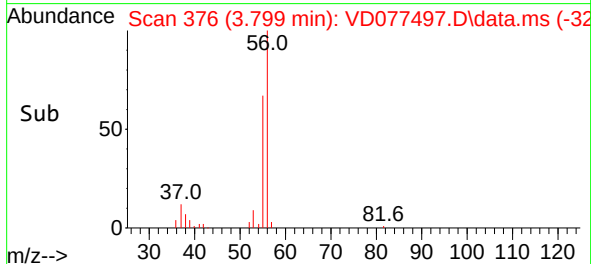
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD1103SBSD01



Tgt Ion: 56 Resp: 3118  
Ion Ratio Lower Upper  
56 100  
55 69.1 55.1 82.7

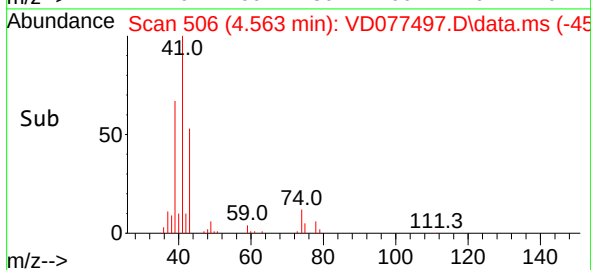
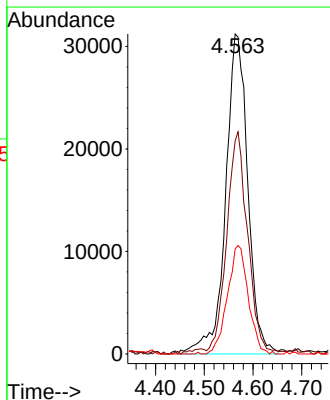
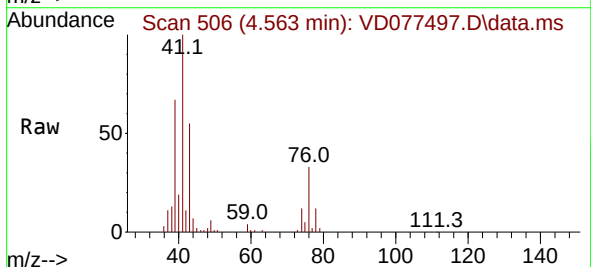
Manual Integrations  
APPROVED

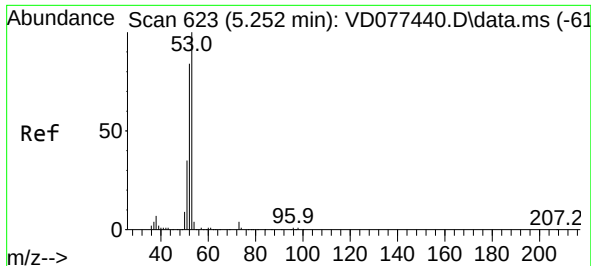
Reviewed By :John Carlone 11/06/2023  
Supervised By :Mahesh Dadoda 11/06/2023



#14  
Allyl chloride  
Concen: 18.350 ug/l  
RT: 4.563 min Scan# 506  
Delta R.T. 0.000 min  
Lab File: VD077497.D  
Acq: 03 Nov 2023 11:17

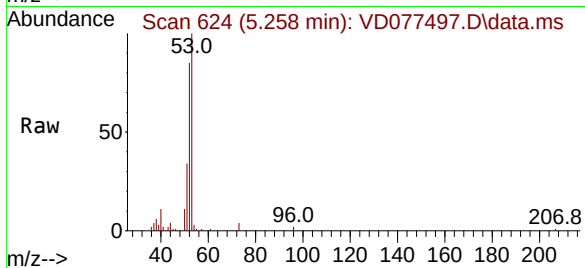
Tgt Ion: 41 Resp: 98666  
Ion Ratio Lower Upper  
41 100  
39 64.1 53.8 80.6  
76 31.8 45.8 68.8#





#15  
Acrylonitrile  
Concen: 97.910 ug/l  
RT: 5.258 min Scan# 61  
Delta R.T. 0.006 min  
Lab File: VD077497.D  
Acq: 03 Nov 2023 11:17

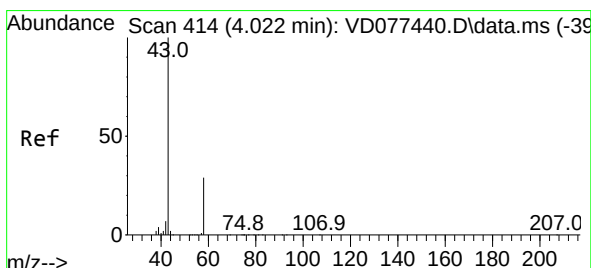
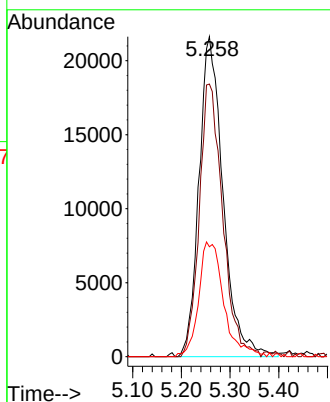
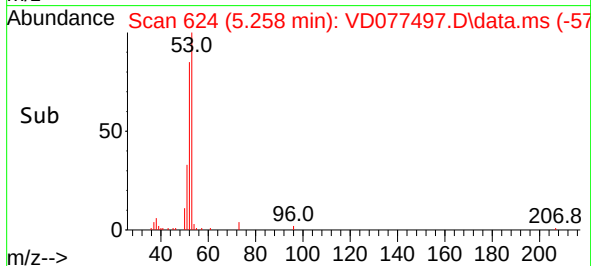
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD1103SBS01



Tgt Ion: 53 Resp: 7419  
Ion Ratio Lower Upper  
53 100  
52 82.4 65.0 97.4  
51 37.2 28.3 42.5

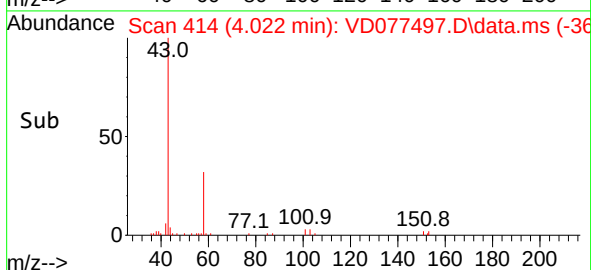
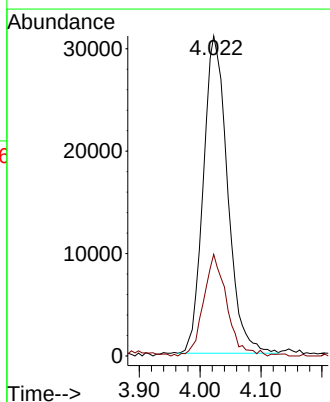
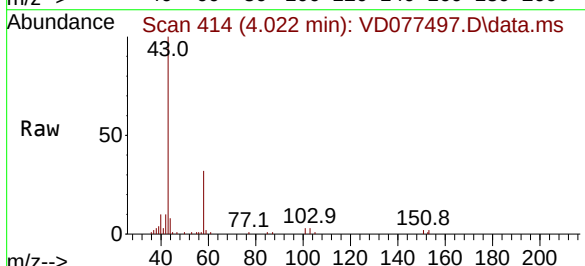
Manual Integrations  
APPROVED

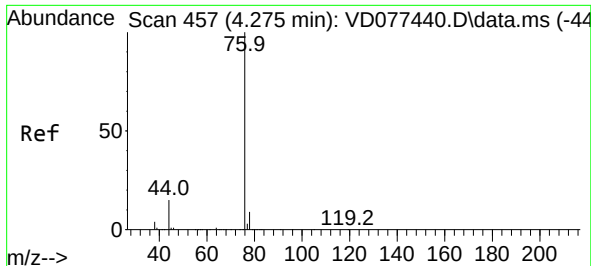
Reviewed By :John Carlone 11/06/2023  
Supervised By :Mahesh Dadoda 11/06/2023



#16  
Acetone  
Concen: 102.656 ug/l  
RT: 4.022 min Scan# 414  
Delta R.T. 0.000 min  
Lab File: VD077497.D  
Acq: 03 Nov 2023 11:17

Tgt Ion: 43 Resp: 85686  
Ion Ratio Lower Upper  
43 100  
58 32.0 34.7 52.1#





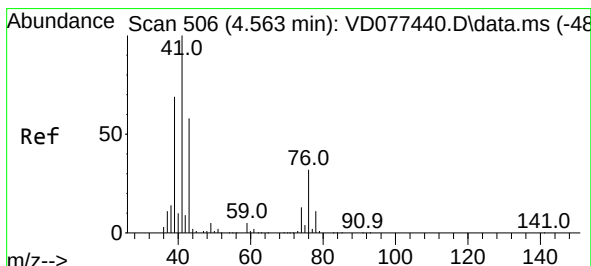
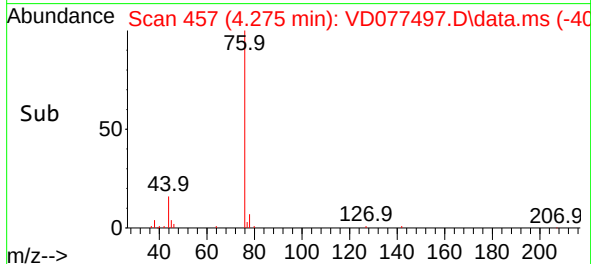
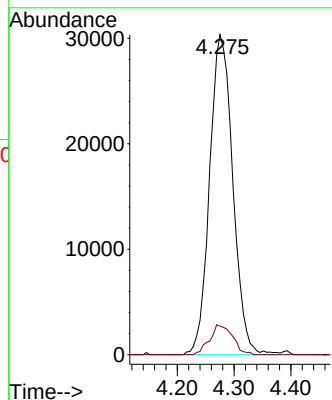
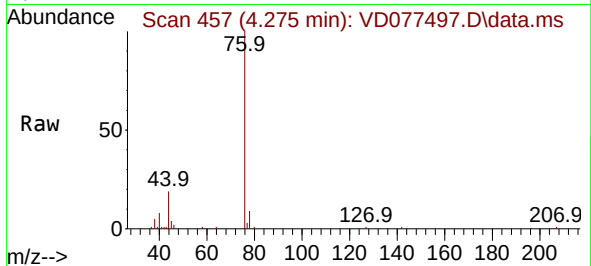
#17  
Carbon Disulfide  
Concen: 15.333 ug/l  
RT: 4.275 min Scan# 41  
Delta R.T. 0.000 min  
Lab File: VD077497.D  
Acq: 03 Nov 2023 11:17

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD1103SBSD01

Tgt Ion: 76 Resp: 86054  
Ion Ratio Lower Upper  
76 100  
78 8.9 6.8 10.2

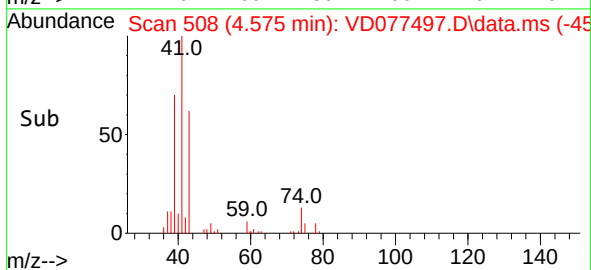
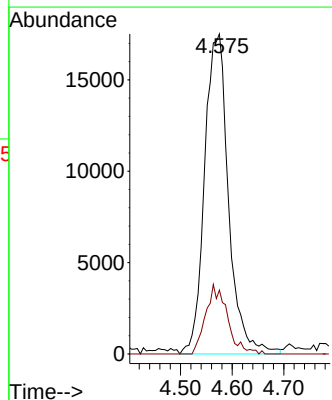
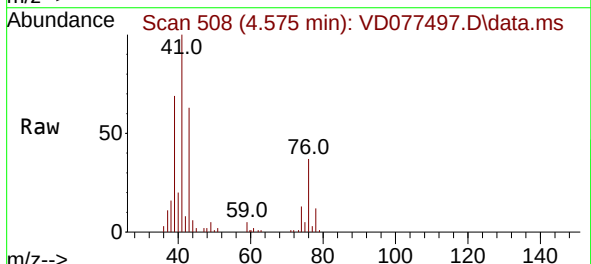
Manual Integrations  
APPROVED

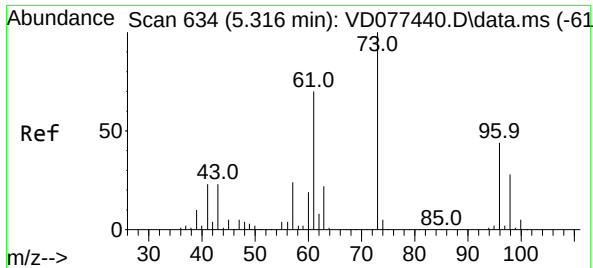
Reviewed By :John Carlone 11/06/2023  
Supervised By :Mahesh Dadoda 11/06/2023



#18  
Methyl Acetate  
Concen: 18.524 ug/l  
RT: 4.575 min Scan# 508  
Delta R.T. 0.012 min  
Lab File: VD077497.D  
Acq: 03 Nov 2023 11:17

Tgt Ion: 43 Resp: 56398  
Ion Ratio Lower Upper  
43 100  
74 19.6 26.4 39.6#





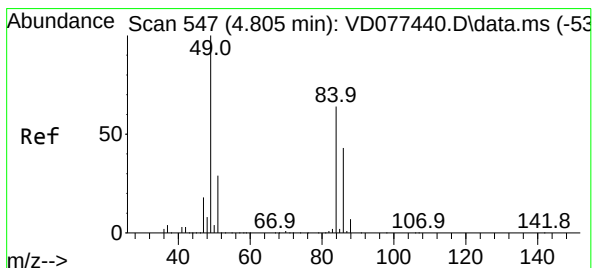
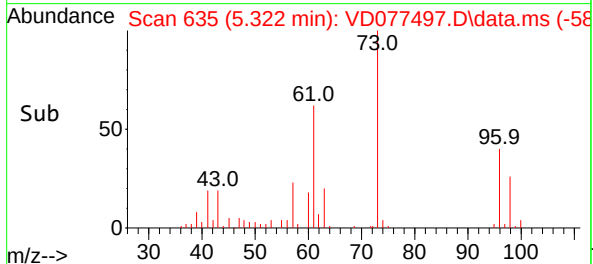
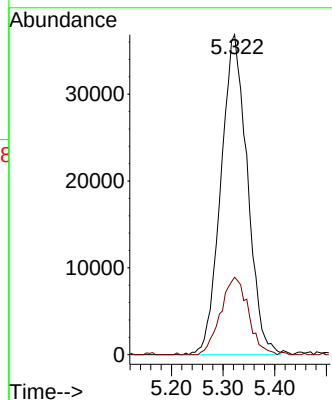
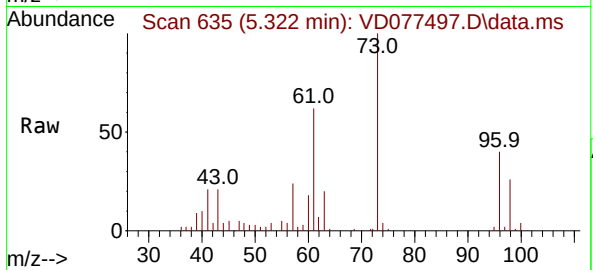
#19  
Methyl tert-butyl Ether  
Concen: 18.726 ug/l  
RT: 5.322 min Scan# 61  
Delta R.T. 0.006 min  
Lab File: VD077497.D  
Acq: 03 Nov 2023 11:17

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD1103SBS01

Tgt Ion: 73 Resp: 131010  
Ion Ratio Lower Upper  
73 100  
57 24.2 16.6 25.0

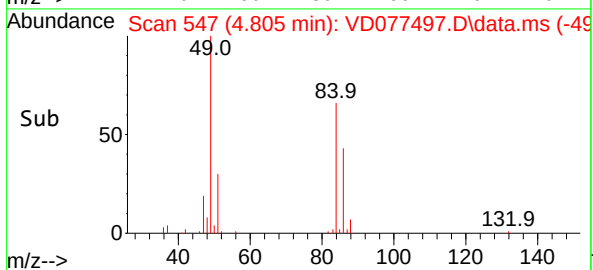
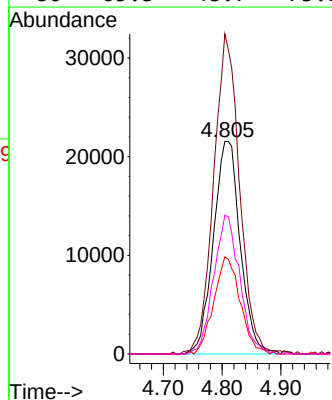
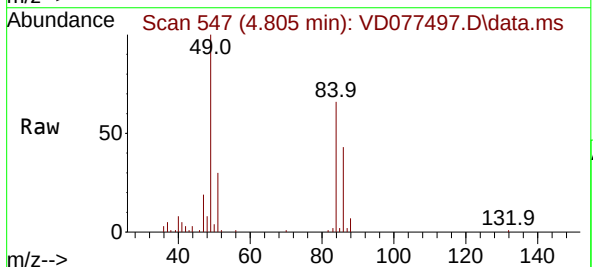
Manual Integrations  
APPROVED

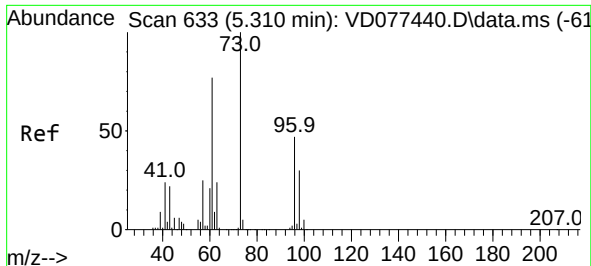
Reviewed By :John Carlone 11/06/2023  
Supervised By :Mahesh Dadoda 11/06/2023



#20  
Methylene Chloride  
Concen: 20.330 ug/l  
RT: 4.805 min Scan# 547  
Delta R.T. -0.000 min  
Lab File: VD077497.D  
Acq: 03 Nov 2023 11:17

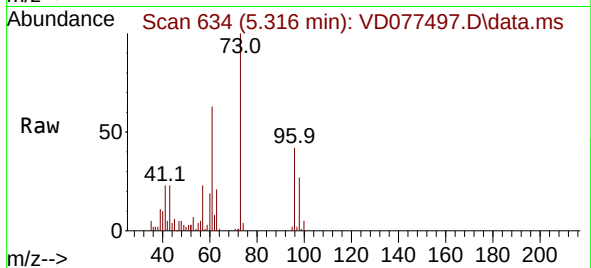
Tgt Ion: 84 Resp: 68294  
Ion Ratio Lower Upper  
84 100  
49 150.6 71.4 107.2#  
51 45.7 24.5 36.7#  
86 65.3 48.7 73.1





#21  
trans-1,2-Dichloroethene  
Concen: 18.426 ug/l  
RT: 5.316 min Scan# 611  
Delta R.T. 0.006 min  
Lab File: VD077497.D  
Acq: 03 Nov 2023 11:17

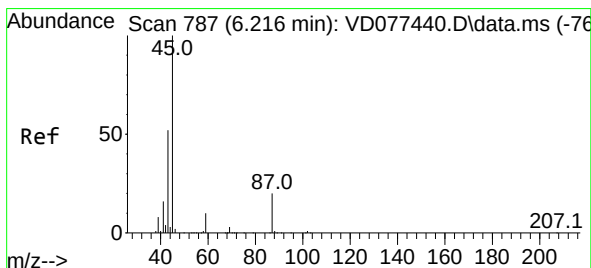
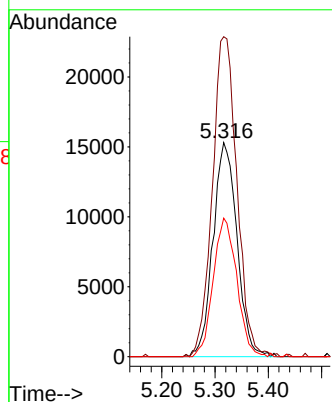
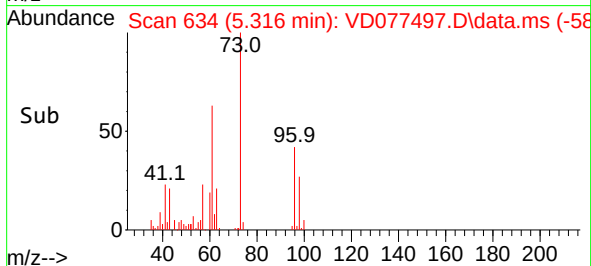
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD1103SBSD01



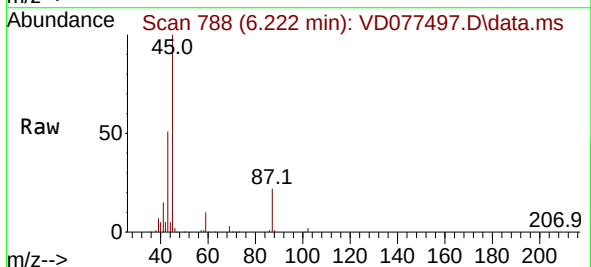
Tgt Ion: 96 Resp: 47830  
Ion Ratio Lower Upper  
96 100  
61 149.5 89.3 133.9#  
98 64.7 48.6 73.0

Manual Integrations  
APPROVED

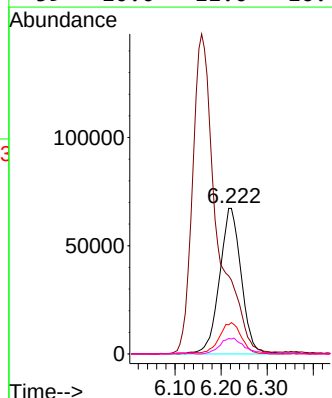
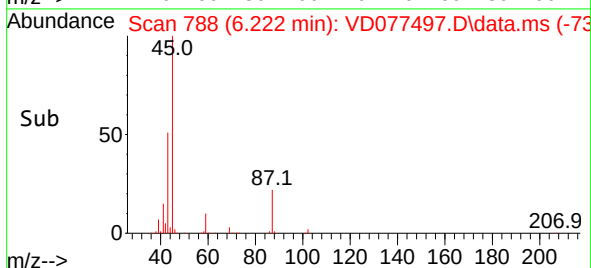
Reviewed By :John Carlone 11/06/2023  
Supervised By :Mahesh Dadoda 11/06/2023

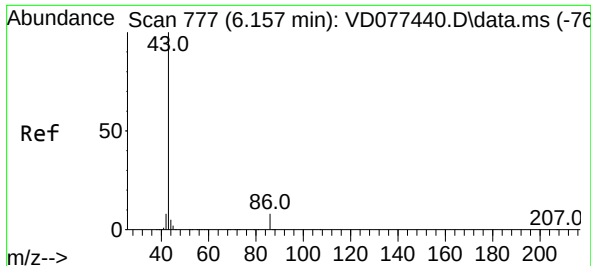


#22  
Diisopropyl ether  
Concen: 19.170 ug/l  
RT: 6.222 min Scan# 788  
Delta R.T. 0.006 min  
Lab File: VD077497.D  
Acq: 03 Nov 2023 11:17



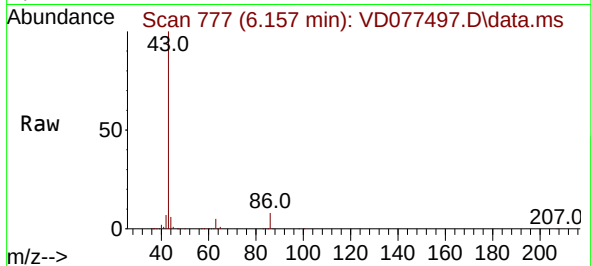
Tgt Ion: 45 Resp: 219062  
Ion Ratio Lower Upper  
45 100  
43 49.4 40.0 60.0  
87 21.6 28.2 42.4#  
59 10.0 11.0 16.4#





#23  
 Vinyl Acetate  
 Concen: 94.522 ug/l m  
 RT: 6.157 min Scan# 71  
 Delta R.T. 0.000 min  
 Lab File: VD077497.D  
 Acq: 03 Nov 2023 11:17

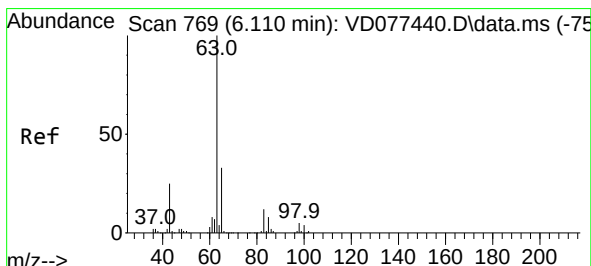
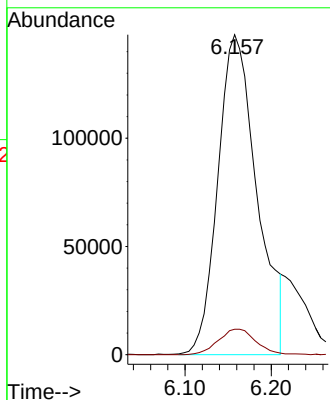
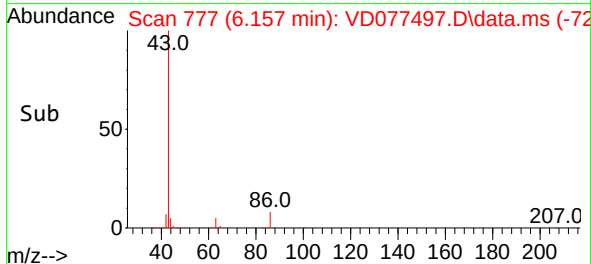
Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD1103SBS01



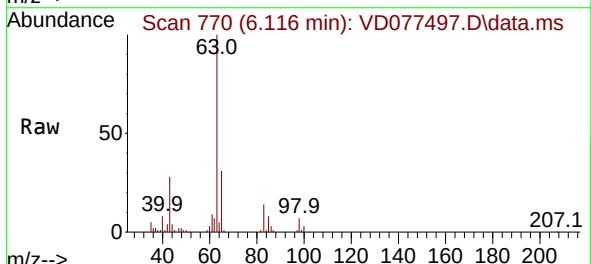
Tgt Ion: 43 Resp: 46599  
 Ion Ratio Lower Upper  
 43 100  
 86 7.9 12.5 18.7

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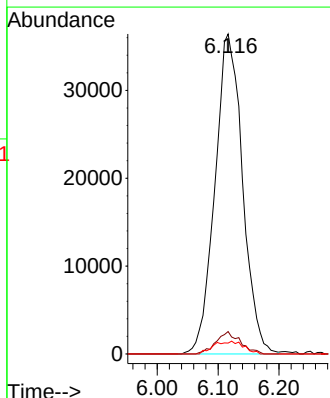
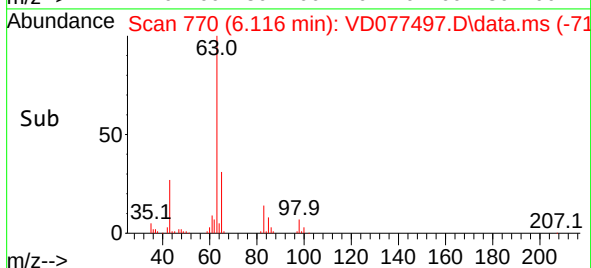
Reviewed By :John Carlone 11/06/2023  
 Supervised By :Mahesh Dadoda 11/06/2023



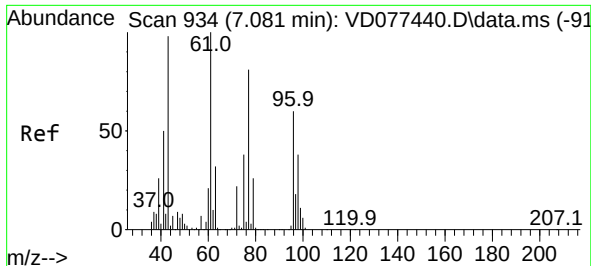
#24  
 1,1-Dichloroethane  
 Concen: 19.344 ug/l  
 RT: 6.116 min Scan# 770  
 Delta R.T. 0.006 min  
 Lab File: VD077497.D  
 Acq: 03 Nov 2023 11:17



Tgt Ion: 63 Resp: 114702  
 Ion Ratio Lower Upper  
 63 100  
 98 7.0 4.5 13.7  
 100 3.4 2.5 7.5







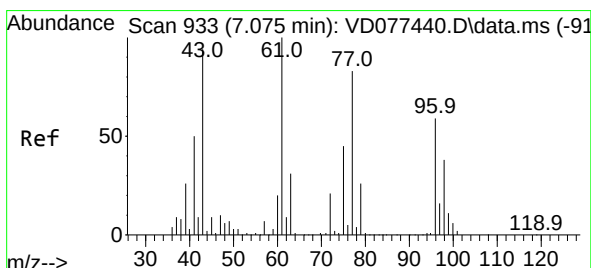
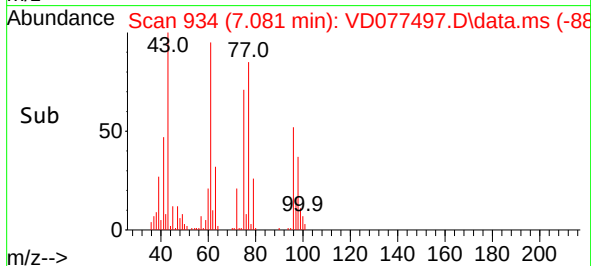
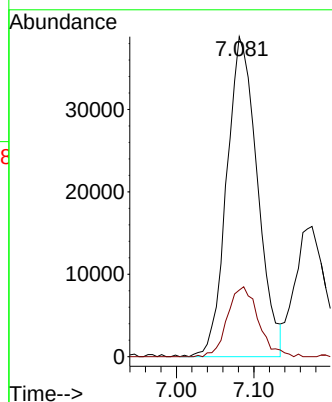
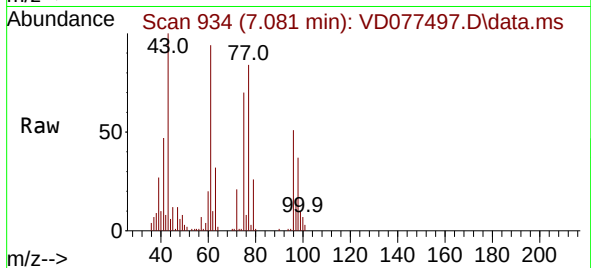
#25  
2-Butanone  
Concen: 96.244 ug/l  
RT: 7.081 min Scan# 91  
Delta R.T. 0.000 min  
Lab File: VD077497.D  
Acq: 03 Nov 2023 11:17

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD1103SBSD01

Tgt Ion: 43 Resp: 10715  
Ion Ratio Lower Upper  
43 100  
72 20.8 30.7 46.1

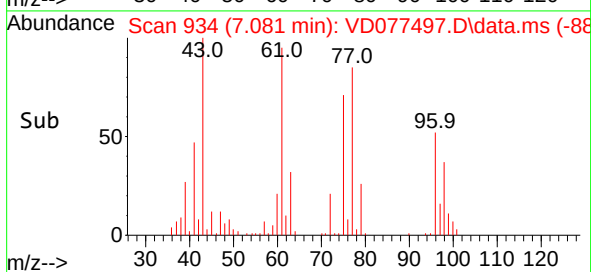
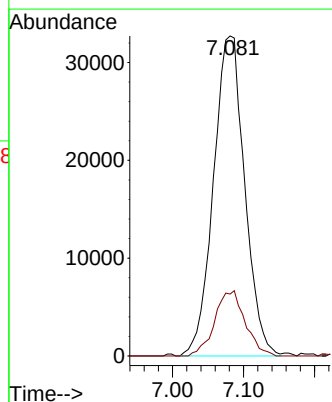
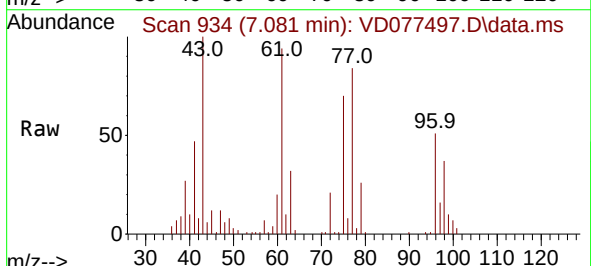
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APPROVED

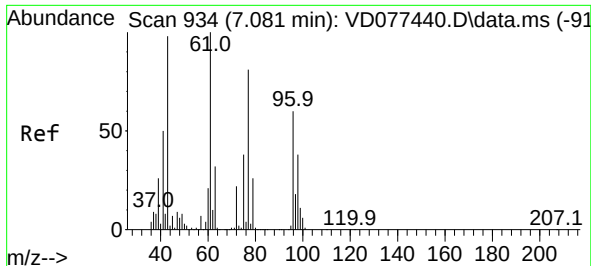
Reviewed By :John Carlone 11/06/2023  
Supervised By :Mahesh Dadoda 11/06/2023



#26  
2,2-Dichloropropane  
Concen: 19.011 ug/l  
RT: 7.081 min Scan# 934  
Delta R.T. 0.006 min  
Lab File: VD077497.D  
Acq: 03 Nov 2023 11:17

Tgt Ion: 77 Resp: 99900  
Ion Ratio Lower Upper  
77 100  
97 19.9 13.2 39.6





#27

cis-1,2-Dichloroethene

Concen: 18.755 ug/l

RT: 7.087 min Scan# 91

Delta R.T. 0.006 min

Lab File: VD077497.D

Acq: 03 Nov 2023 11:17

Instrument :

MSVOA\_D

ClientSampleId :

VD1103SBSD01

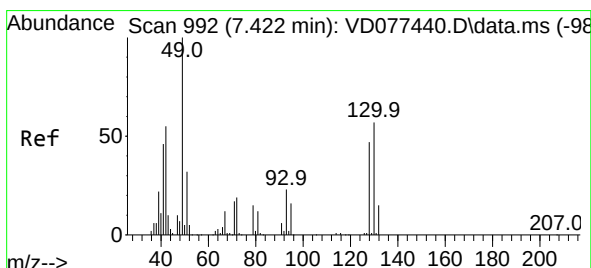
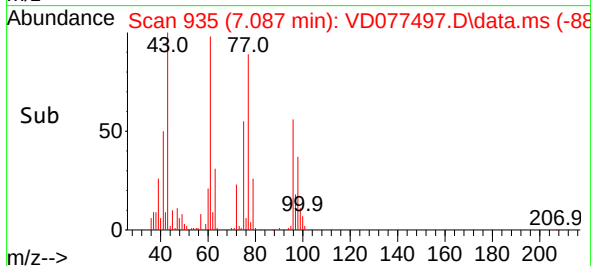
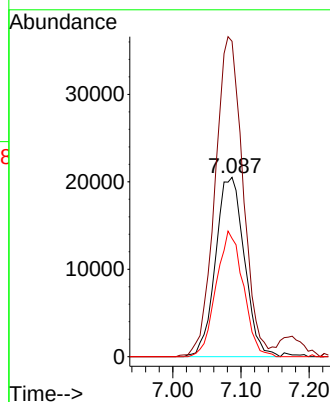
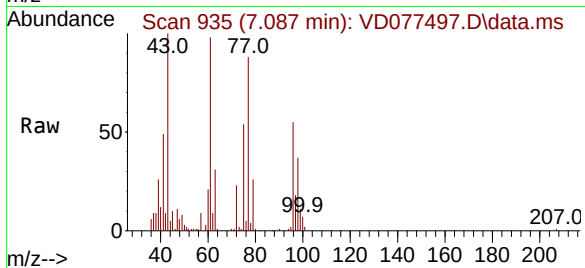
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 96    | Resp: | 6031  |
| Ion Ratio | Lower | Upper |       |
| 96        | 100   |       |       |
| 61        | 172.4 | 0.0   | 239.2 |
| 98        | 66.0  | 0.0   | 128.6 |

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/06/2023

Supervised By :Mahesh Dadoda 11/06/2023



#28

Bromochloromethane

Concen: 17.190 ug/l

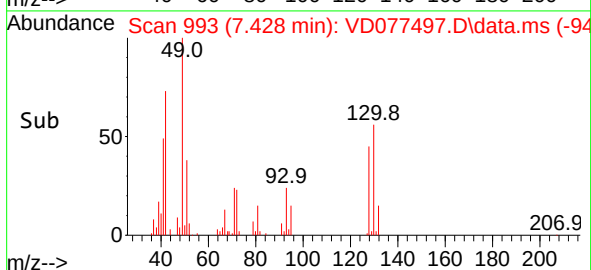
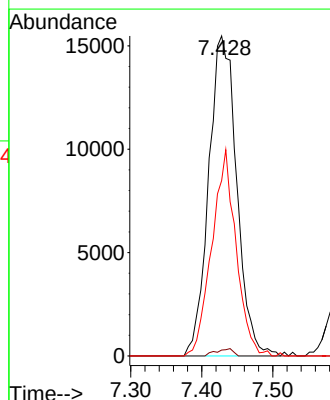
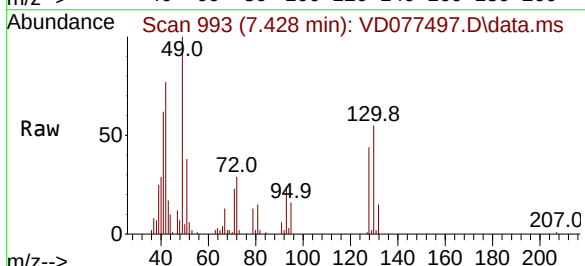
RT: 7.428 min Scan# 993

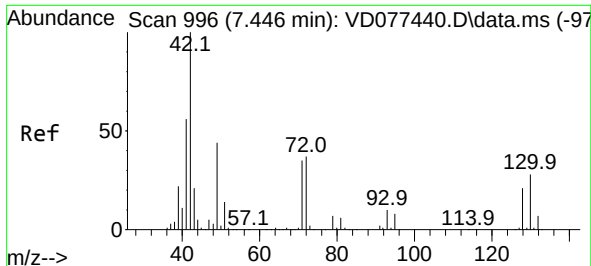
Delta R.T. 0.006 min

Lab File: VD077497.D

Acq: 03 Nov 2023 11:17

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 49    | Resp: | 42333 |
| Ion Ratio | Lower | Upper |       |
| 49        | 100   |       |       |
| 129       | 1.4   | 0.0   | 6.0   |
| 130       | 55.8  | 83.2  | 124.8 |





#29

Tetrahydrofuran

Concen: 94.489 ug/l

RT: 7.446 min Scan# 996

Delta R.T. 0.000 min

Lab File: VD077497.D

Acq: 03 Nov 2023 11:17

Instrument :

MSVOA\_D

ClientSampleId :

VD1103SBS01

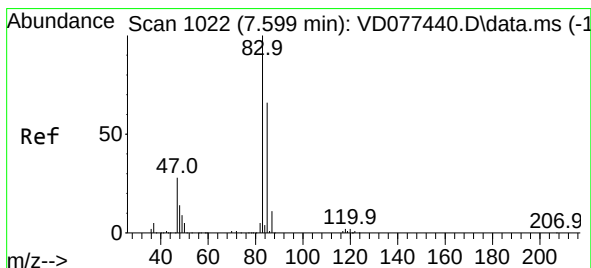
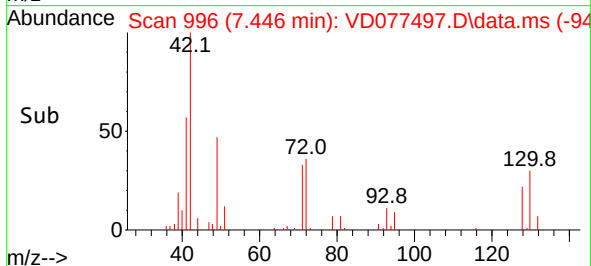
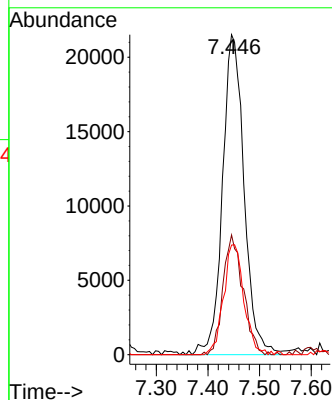
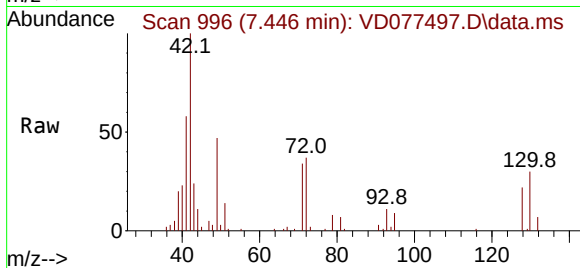
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 42    | Resp: | 62392 |
| Ion Ratio | Lower | Upper |       |
| 42        | 100   |       |       |
| 72        | 34.7  | 46.5  | 69.7  |
| 71        | 32.3  | 44.5  | 66.7  |

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/06/2023

Supervised By :Mahesh Dadoda 11/06/2023



#30

Chloroform

Concen: 19.906 ug/l

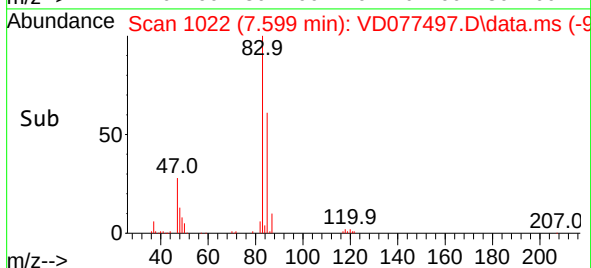
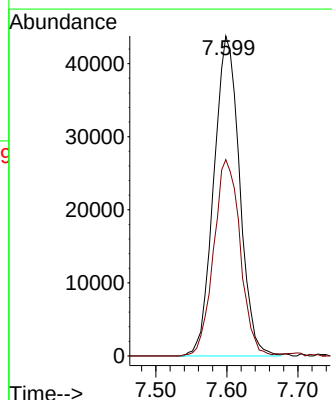
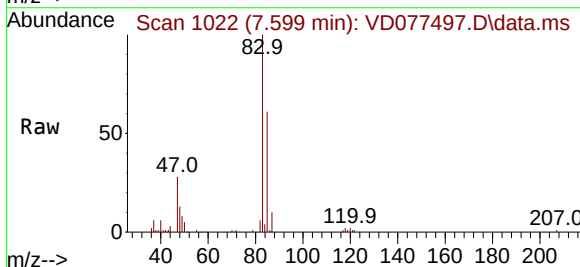
RT: 7.599 min Scan# 1022

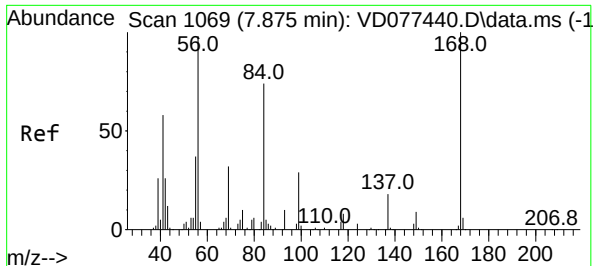
Delta R.T. 0.000 min

Lab File: VD077497.D

Acq: 03 Nov 2023 11:17

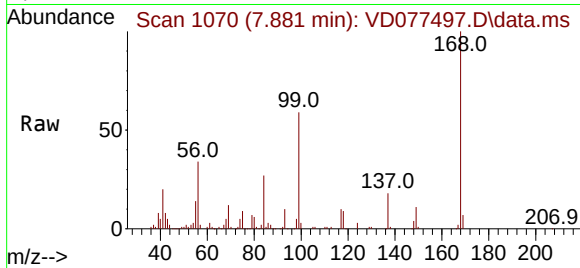
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 83    | Resp: | 110206 |
| Ion Ratio | Lower | Upper |        |
| 83        | 100   |       |        |
| 85        | 61.3  | 53.4  | 80.2   |





#31  
Cyclohexane  
Concen: 18.090 ug/l  
RT: 7.881 min Scan# 1070  
Delta R.T. 0.006 min  
Lab File: VD077497.D  
Acq: 03 Nov 2023 11:17

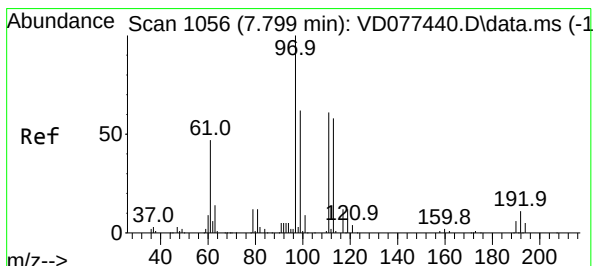
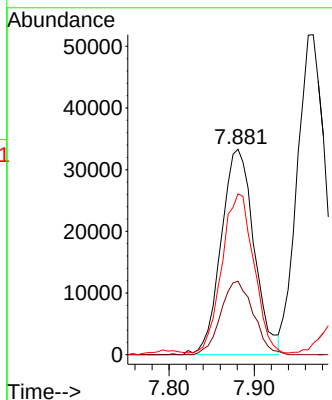
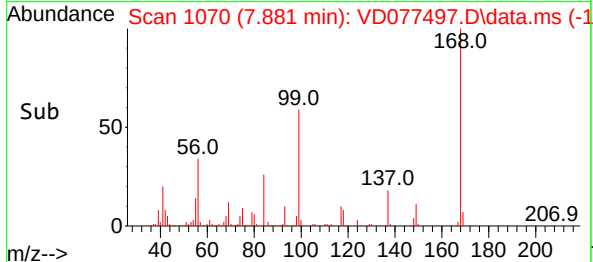
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD1103SBS01



Tgt Ion: 56 Resp: 8920  
Ion Ratio Lower Upper  
56 100  
69 35.8 28.6 43.0  
84 76.9 84.8 127.2

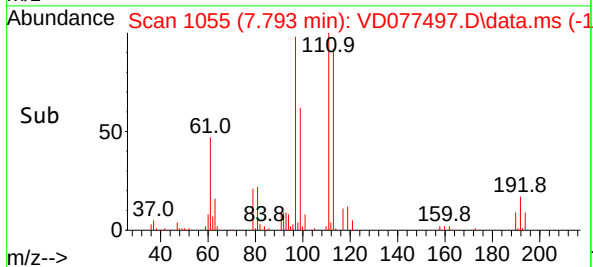
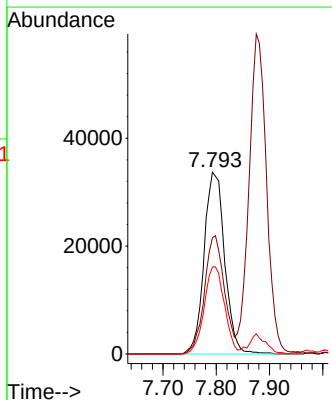
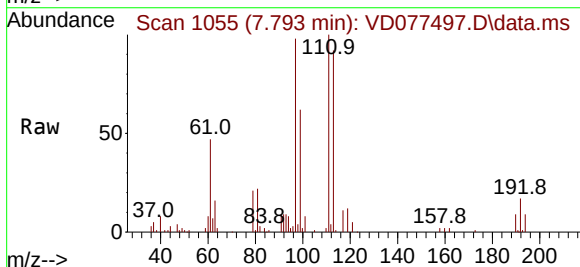
Manual Integrations  
APPROVED

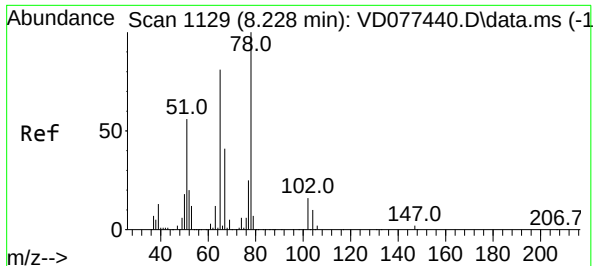
Reviewed By :John Carlone 11/06/2023  
Supervised By :Mahesh Dadoda 11/06/2023



#32  
1,1,1-Trichloroethane  
Concen: 19.882 ug/l  
RT: 7.793 min Scan# 1055  
Delta R.T. -0.006 min  
Lab File: VD077497.D  
Acq: 03 Nov 2023 11:17

Tgt Ion: 97 Resp: 90693  
Ion Ratio Lower Upper  
97 100  
99 62.7 52.0 78.0  
61 47.3 33.8 50.8





#33

1,2-Dichloroethane-d4

Concen: 49.219 ug/l

RT: 8.234 min Scan# 1129

Delta R.T. 0.006 min

Lab File: VD077497.D

Acq: 03 Nov 2023 11:17

Instrument :

MSVOA\_D

ClientSampleId :

VD1103SBS01

Tgt Ion: 65 Resp: 15525

Ion Ratio Lower Upper

65 100

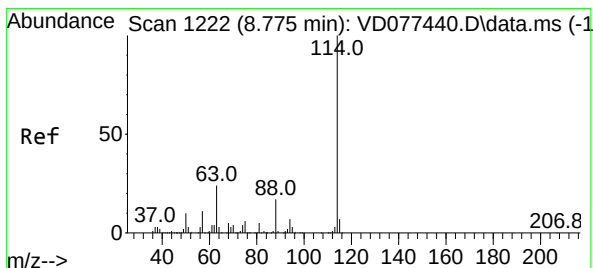
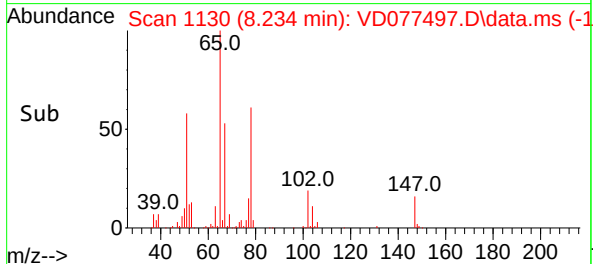
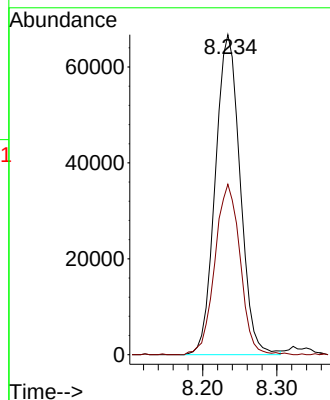
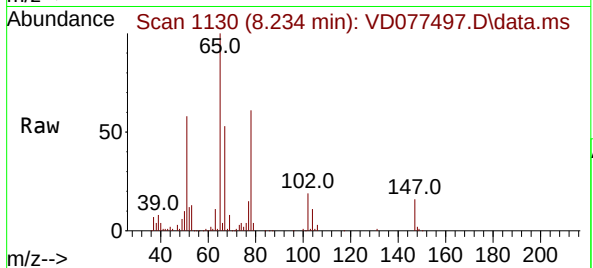
67 54.2 0.0 115.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/06/2023

Supervised By :Mahesh Dadoda 11/06/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 1223

Delta R.T. 0.006 min

Lab File: VD077497.D

Acq: 03 Nov 2023 11:17

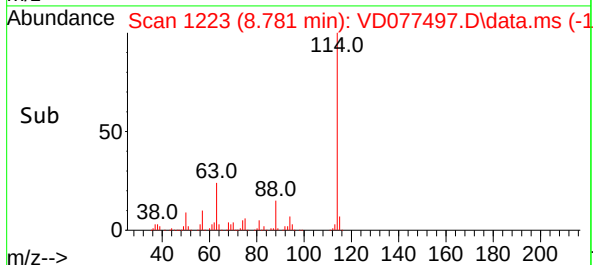
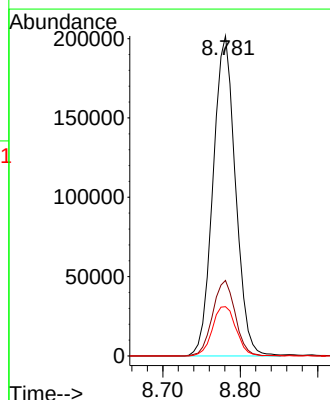
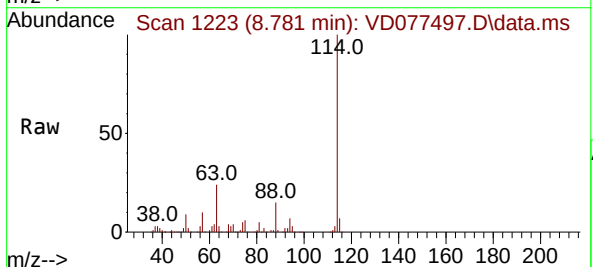
Tgt Ion:114 Resp: 406254

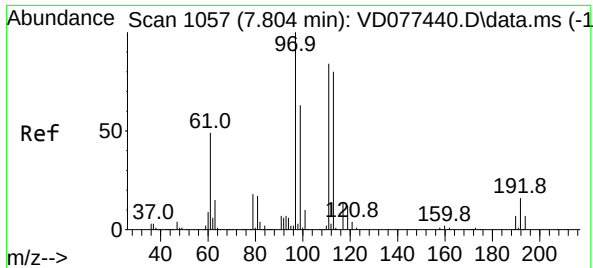
Ion Ratio Lower Upper

114 100

63 23.6 0.0 33.4

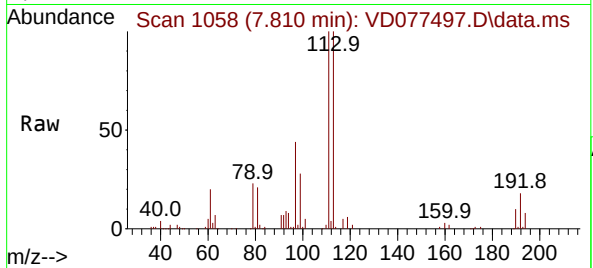
88 15.4 0.0 26.2





#35  
Dibromofluoromethane  
Concen: 47.776 ug/l  
RT: 7.810 min Scan# 1058  
Delta R.T. 0.006 min  
Lab File: VD077497.D  
Acq: 03 Nov 2023 11:17

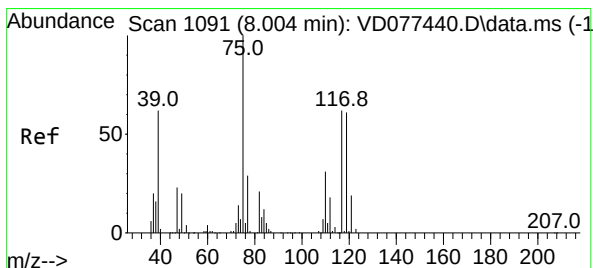
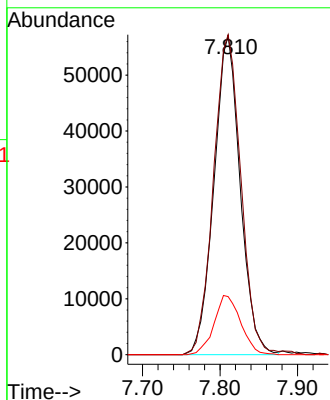
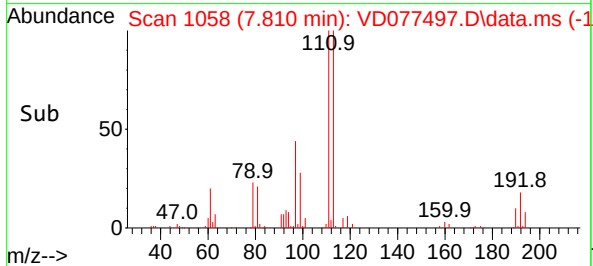
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD1103SBS01



Tgt Ion: 113 Resp: 134150  
Ion Ratio Lower Upper  
113 100  
111 104.9 84.7 127.1  
192 18.9 16.8 25.2

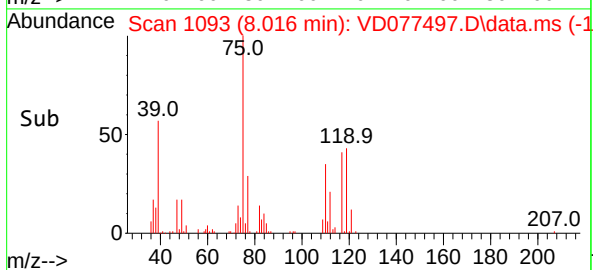
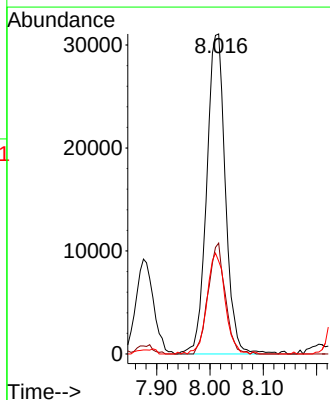
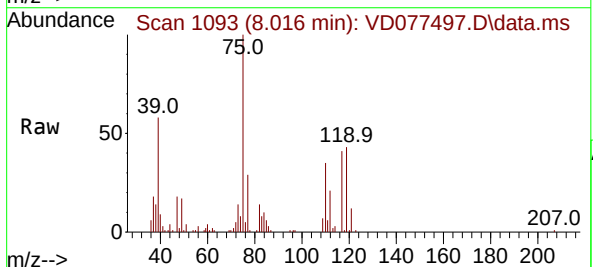
Manual Integrations  
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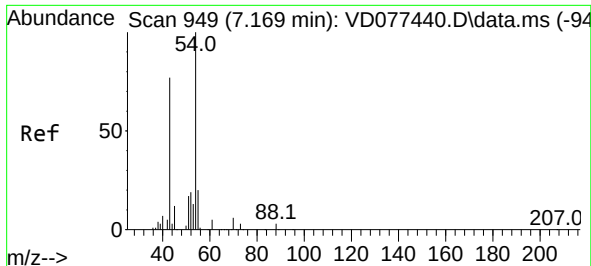
Reviewed By :John Carlone 11/06/2023  
Supervised By :Mahesh Dadoda 11/06/2023



#36  
1,1-Dichloropropene  
Concen: 18.154 ug/l  
RT: 8.016 min Scan# 1093  
Delta R.T. 0.012 min  
Lab File: VD077497.D  
Acq: 03 Nov 2023 11:17

Tgt Ion: 75 Resp: 75578  
Ion Ratio Lower Upper  
75 100  
110 31.8 19.9 59.6  
77 30.6 24.7 37.1





#37

Ethyl Acetate

Concen: 17.807 ug/l

RT: 7.175 min Scan# 91

Delta R.T. 0.006 min

Lab File: VD077497.D

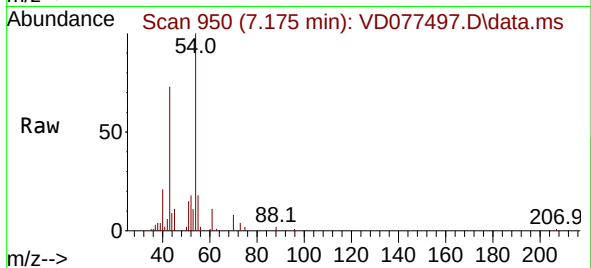
Acq: 03 Nov 2023 11:17

Instrument :

MSVOA\_D

ClientSampleId :

VD1103SBS01



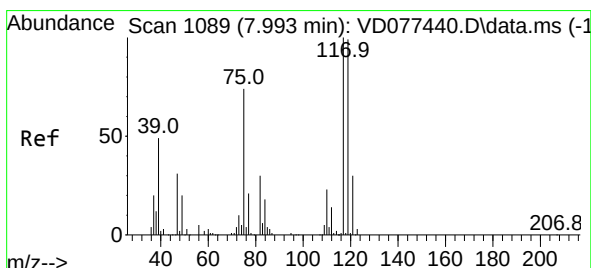
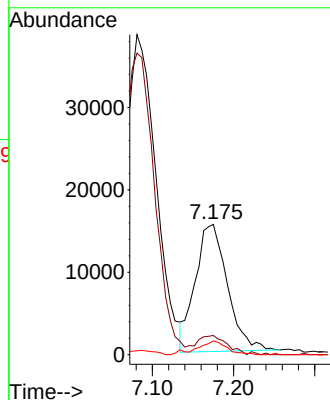
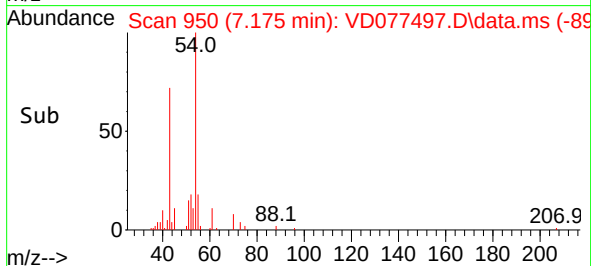
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 43    | Resp: | 42544 |
| Ion      | Ratio | Lower | Upper |
| 43       | 100   |       |       |
| 61       | 12.6  | 14.9  | 22.3  |
| 70       | 9.8   | 10.0  | 15.0  |

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/06/2023

Supervised By :Mahesh Dadoda 11/06/2023



#38

Carbon Tetrachloride

Concen: 18.851 ug/l

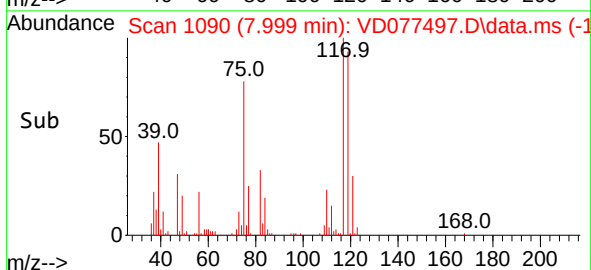
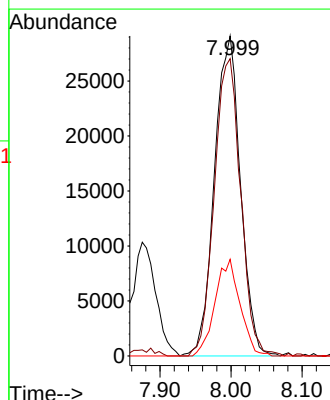
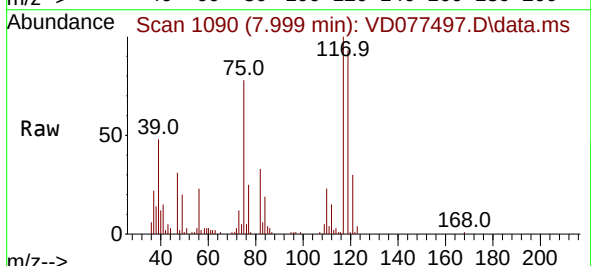
RT: 7.999 min Scan# 1090

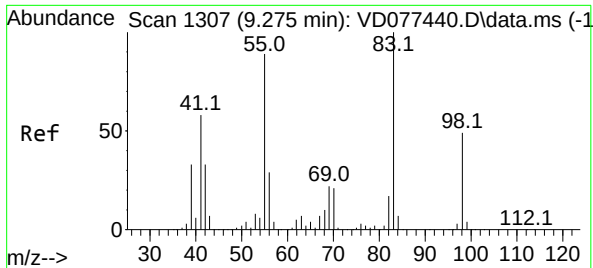
Delta R.T. 0.006 min

Lab File: VD077497.D

Acq: 03 Nov 2023 11:17

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 117   | Resp: | 73954 |
| Ion      | Ratio | Lower | Upper |
| 117      | 100   |       |       |
| 119      | 92.9  | 78.0  | 117.0 |
| 121      | 30.2  | 24.2  | 36.2  |





#39

Methylcyclohexane

Concen: 17.144 ug/l

RT: 9.275 min Scan# 1137

Delta R.T. 0.000 min

Lab File: VD077497.D

Acq: 03 Nov 2023 11:17

Instrument :

MSVOA\_D

ClientSampleId :

VD1103SBSD01

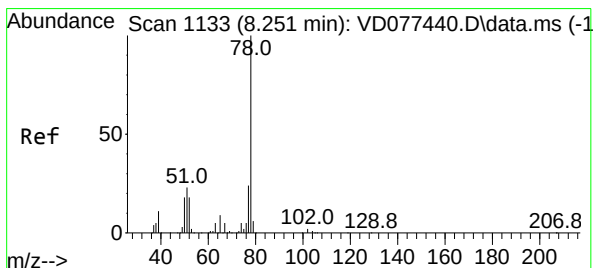
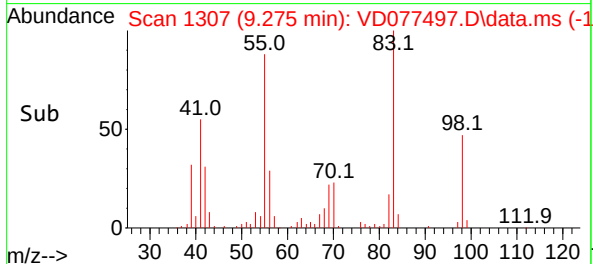
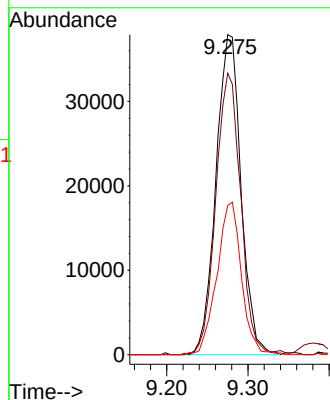
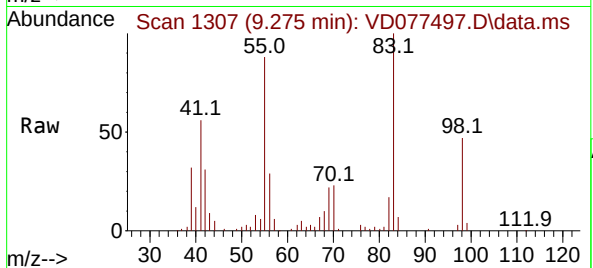
|             |                |
|-------------|----------------|
| Tgt Ion: 83 | Resp: 8143     |
| Ion Ratio   | Lower Upper    |
| 83          | 100            |
| 55          | 88.0 49.4 74.0 |
| 98          | 46.6 38.4 57.6 |

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/06/2023

Supervised By :Mahesh Dadoda 11/06/2023



#40

Benzene

Concen: 18.907 ug/l

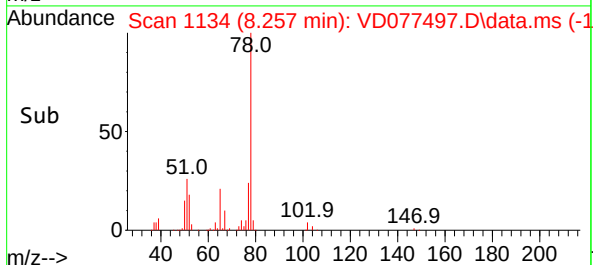
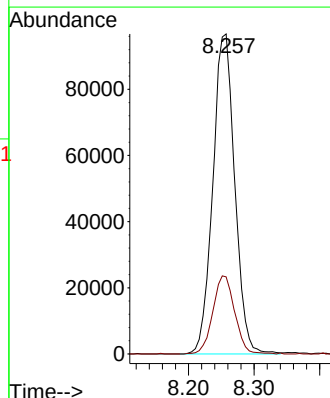
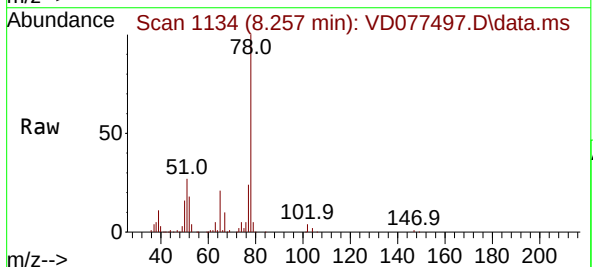
RT: 8.257 min Scan# 1134

Delta R.T. 0.006 min

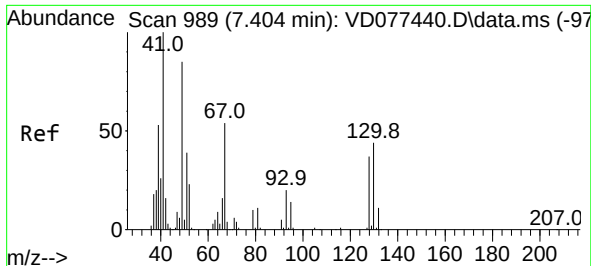
Lab File: VD077497.D

Acq: 03 Nov 2023 11:17

|             |                |
|-------------|----------------|
| Tgt Ion: 78 | Resp: 224454   |
| Ion Ratio   | Lower Upper    |
| 78          | 100            |
| 77          | 24.1 19.4 29.0 |

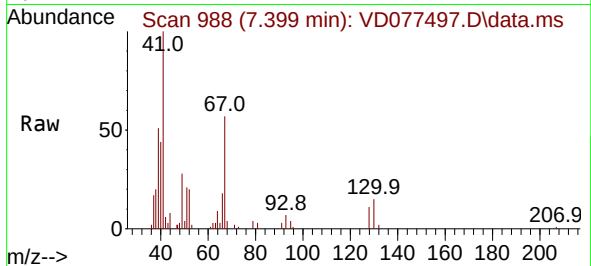






#41  
Methacrylonitrile  
Concen: 17.568 ug/l m  
RT: 7.399 min Scan# 988  
Delta R.T. -0.006 min  
Lab File: VD077497.D  
Acq: 03 Nov 2023 11:17

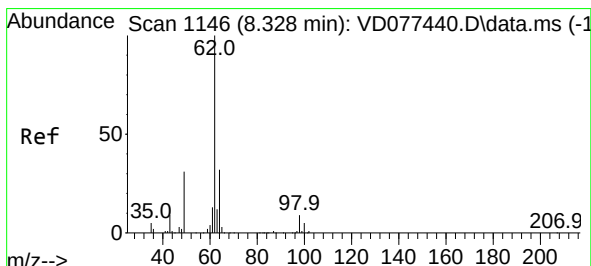
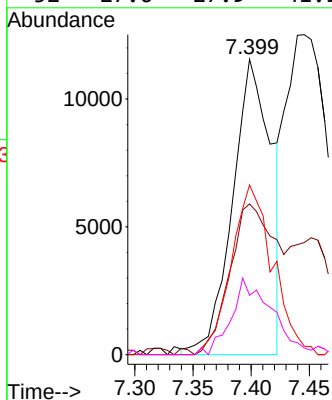
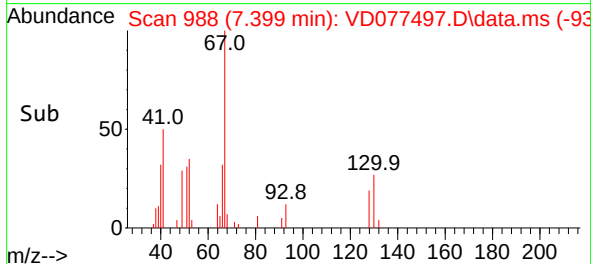
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD1103SBSD01



Tgt Ion: 41 Resp: 2685  
Ion Ratio Lower Upper  
41 100  
39 60.9 34.0 51.0  
67 61.3 77.0 115.4  
52 27.6 27.9 41.9

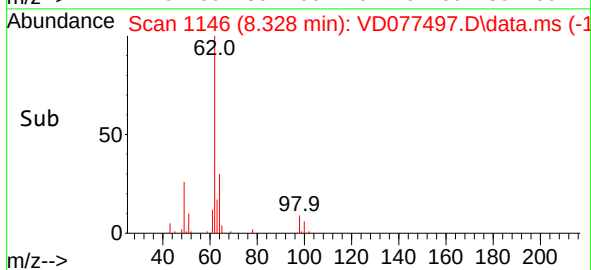
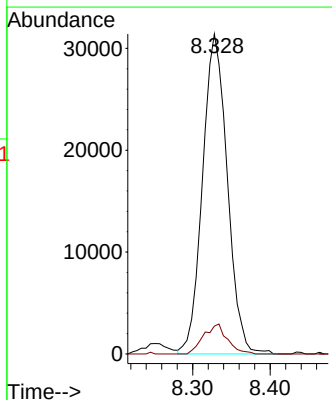
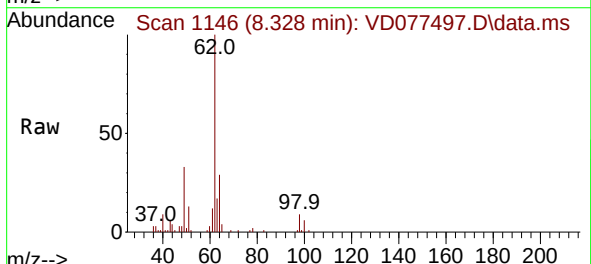
Manual Integrations  
APPROVED

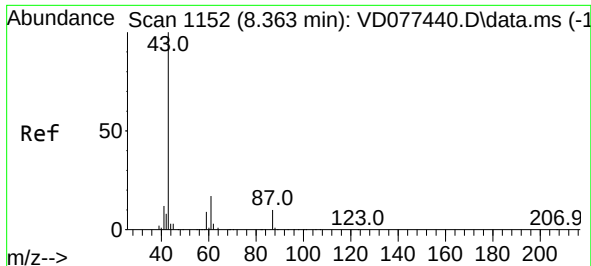
Reviewed By :John Carlone 11/06/2023  
Supervised By :Mahesh Dadoda 11/06/2023



#42  
1,2-Dichloroethane  
Concen: 18.551 ug/l  
RT: 8.328 min Scan# 1146  
Delta R.T. 0.000 min  
Lab File: VD077497.D  
Acq: 03 Nov 2023 11:17

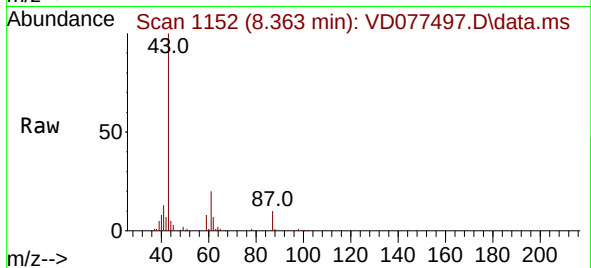
Tgt Ion: 62 Resp: 69749  
Ion Ratio Lower Upper  
62 100  
98 8.9 0.0 25.4





#43  
Isopropyl Acetate  
Concen: 18.013 ug/l  
RT: 8.363 min Scan# 1152  
Delta R.T. 0.000 min  
Lab File: VD077497.D  
Acq: 03 Nov 2023 11:17

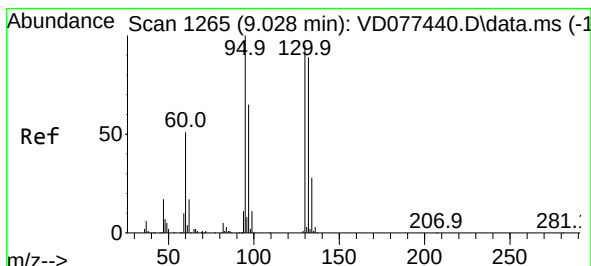
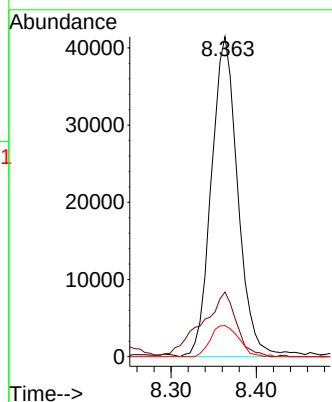
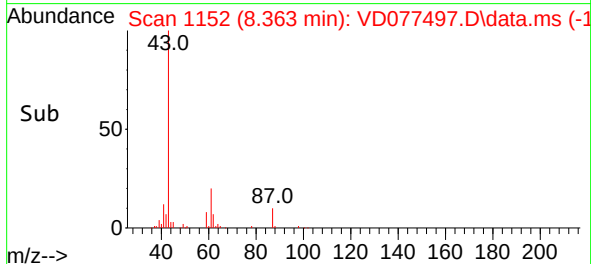
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD1103SBSD01



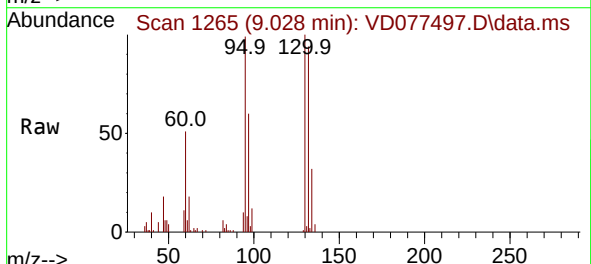
Tgt Ion: 43 Resp: 8881  
Ion Ratio Lower Upper  
43 100  
61 26.6 31.4 47.0  
87 10.4 14.9 22.3

Manual Integrations  
APPROVED

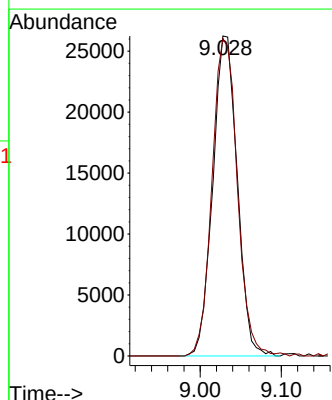
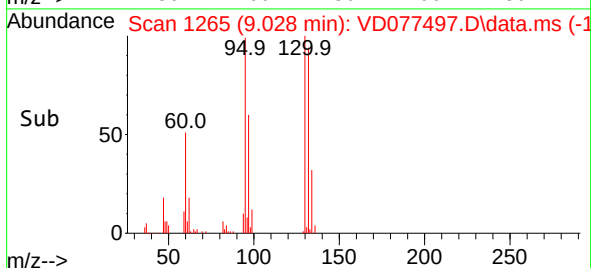
Reviewed By :John Carlone 11/06/2023  
Supervised By :Mahesh Dadoda 11/06/2023

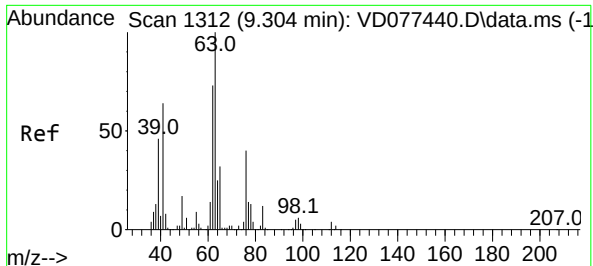


#44  
Trichloroethene  
Concen: 18.879 ug/l  
RT: 9.028 min Scan# 1265  
Delta R.T. 0.000 min  
Lab File: VD077497.D  
Acq: 03 Nov 2023 11:17



Tgt Ion:130 Resp: 54899  
Ion Ratio Lower Upper  
130 100  
95 99.2 0.0 179.2





#45

1,2-Dichloropropane

Concen: 19.327 ug/l

RT: 9.304 min Scan# 1312

Delta R.T. 0.000 min

Lab File: VD077497.D

Acq: 03 Nov 2023 11:17

Instrument :

MSVOA\_D

ClientSampleId :

VD1103SBS01

Tgt Ion: 63 Resp: 67548

Ion Ratio Lower Upper

63 100

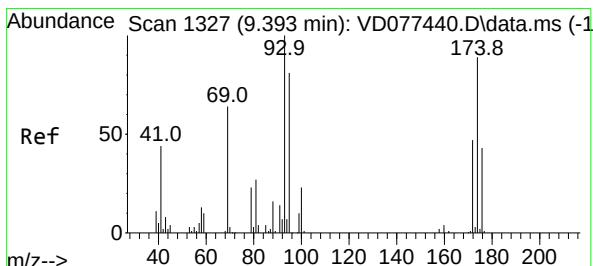
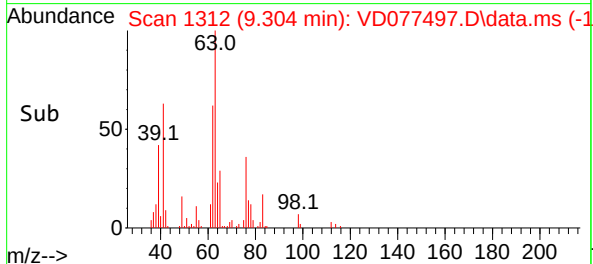
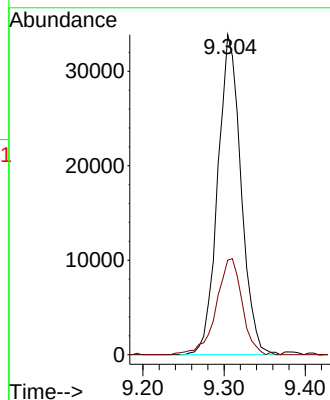
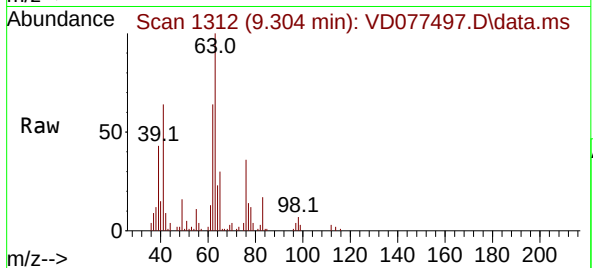
65 29.6 24.5 36.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/06/2023

Supervised By :Mahesh Dadoda 11/06/2023



#46

Dibromomethane

Concen: 18.149 ug/l

RT: 9.393 min Scan# 1327

Delta R.T. 0.000 min

Lab File: VD077497.D

Acq: 03 Nov 2023 11:17

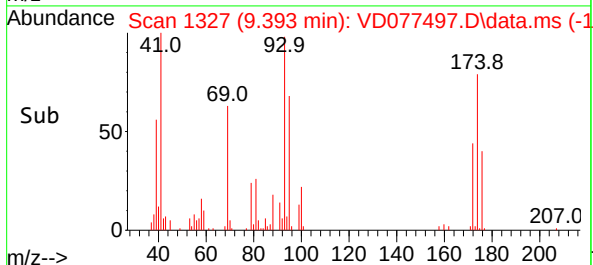
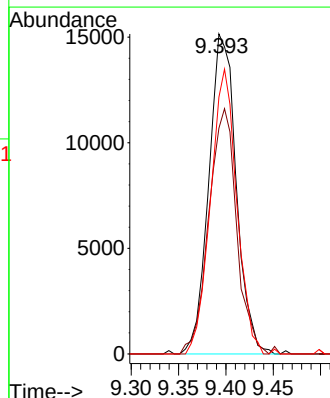
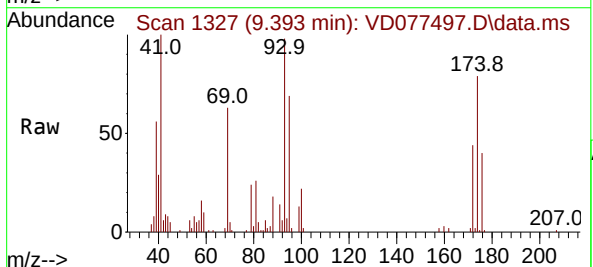
Tgt Ion: 93 Resp: 30525

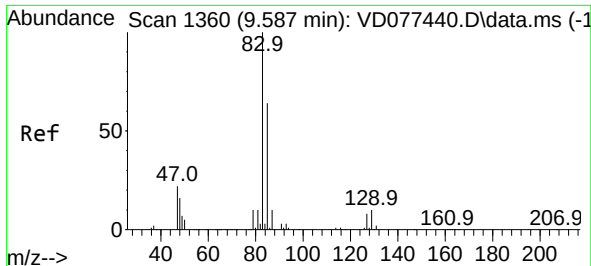
Ion Ratio Lower Upper

93 100

95 77.7 67.7 101.5

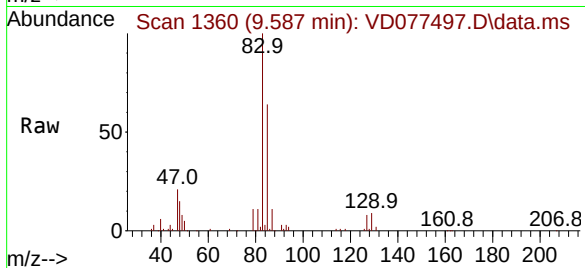
174 85.1 85.4 128.2#





#47  
Bromodichloromethane  
Concen: 18.500 ug/l  
RT: 9.587 min Scan# 1360  
Delta R.T. 0.000 min  
Lab File: VD077497.D  
Acq: 03 Nov 2023 11:17

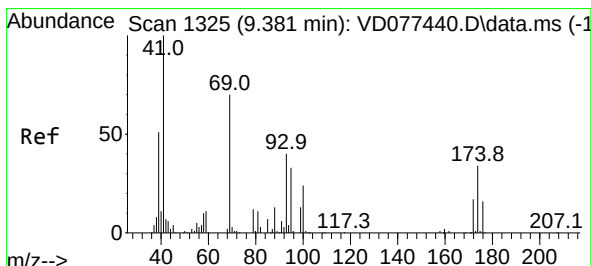
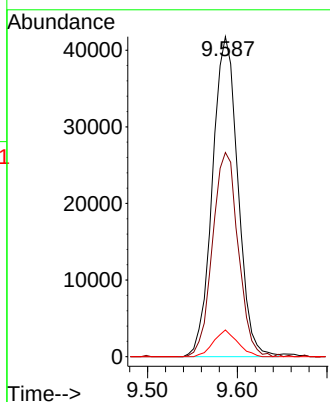
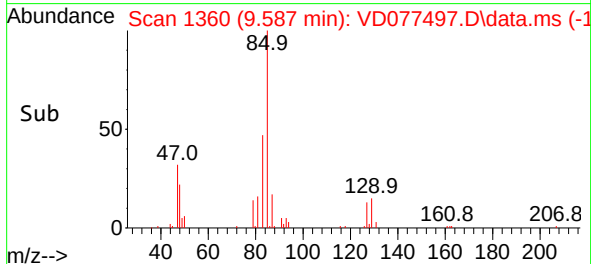
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD1103SBSD01



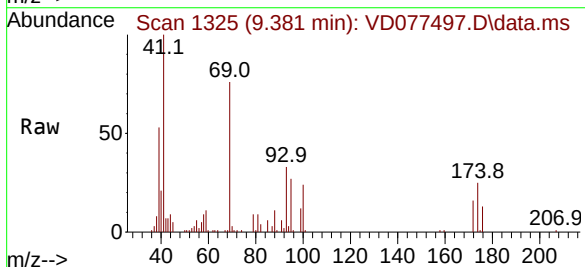
Tgt Ion: 83 Resp: 82249  
Ion Ratio Lower Upper  
83 100  
85 63.8 50.2 75.4  
127 8.3 6.3 9.5

Manual Integrations  
APPROVED

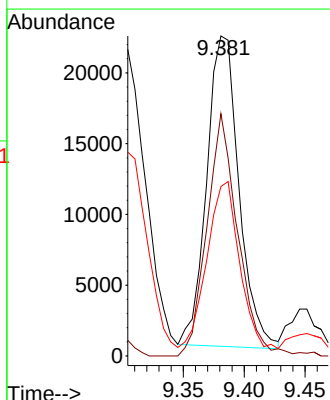
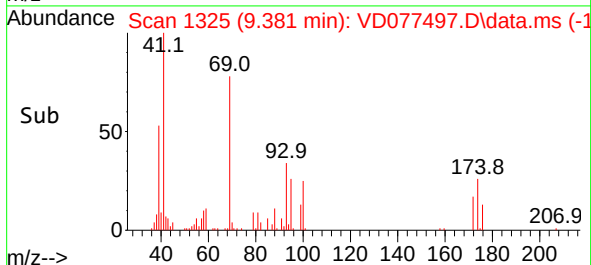
Reviewed By :John Carlone 11/06/2023  
Supervised By :Mahesh Dadoda 11/06/2023

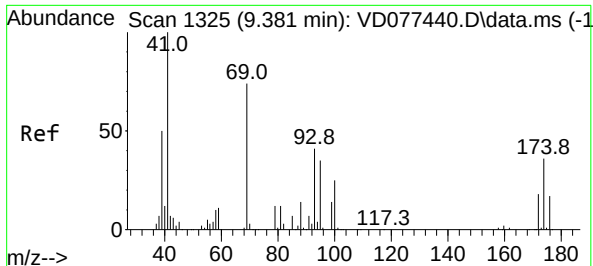


#48  
Methyl methacrylate  
Concen: 17.182 ug/l  
RT: 9.381 min Scan# 1325  
Delta R.T. 0.000 min  
Lab File: VD077497.D  
Acq: 03 Nov 2023 11:17



Tgt Ion: 41 Resp: 40436  
Ion Ratio Lower Upper  
41 100  
69 75.0 102.2 153.2#  
39 59.1 41.4 62.2





#49

1,4-Dioxane

Concen: 373.213 ug/l

RT: 9.387 min Scan# 1325

Delta R.T. 0.006 min

Lab File: VD077497.D

Acq: 03 Nov 2023 11:17

Instrument :

MSVOA\_D

ClientSampleId :

VD1103SBS01

Tgt Ion: 88 Resp: 6745

Ion Ratio Lower Upper

88 100

43 38.6 19.0 28.6

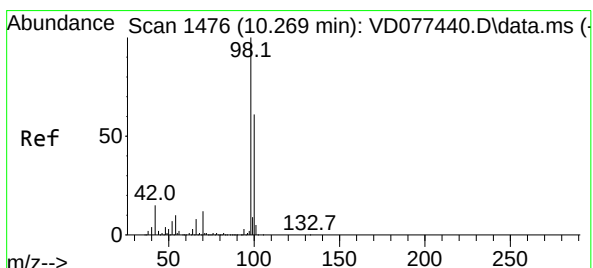
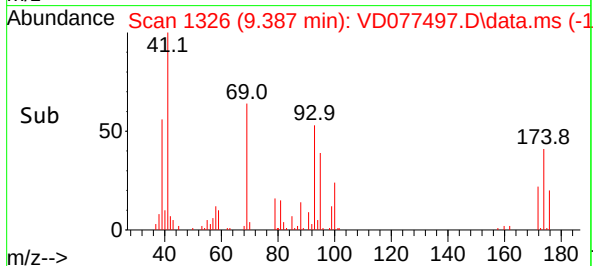
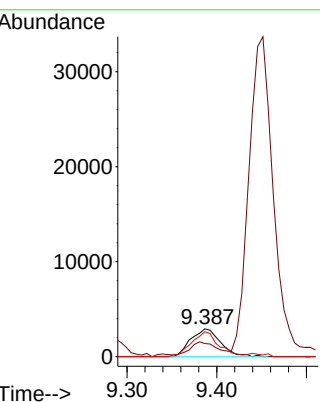
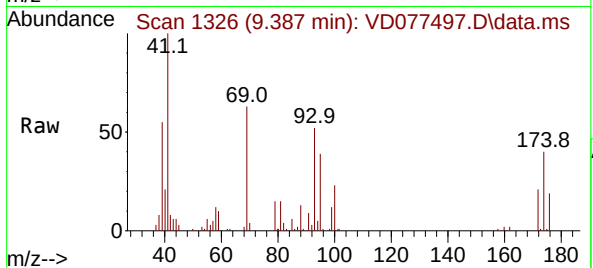
58 82.3 43.5 65.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/06/2023

Supervised By :Mahesh Dadoda 11/06/2023



#50

Toluene-d8

Concen: 51.242 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VD077497.D

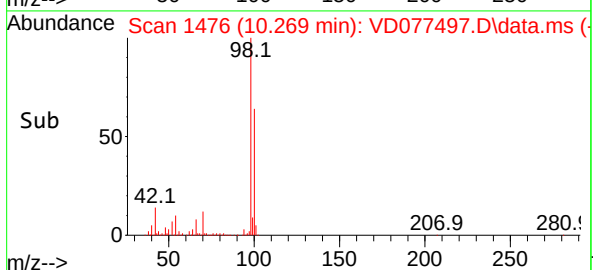
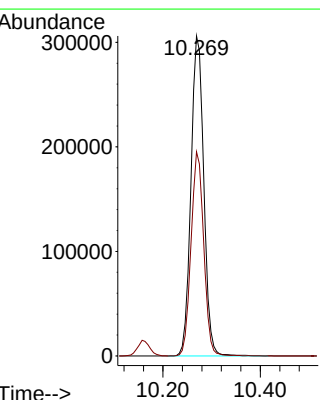
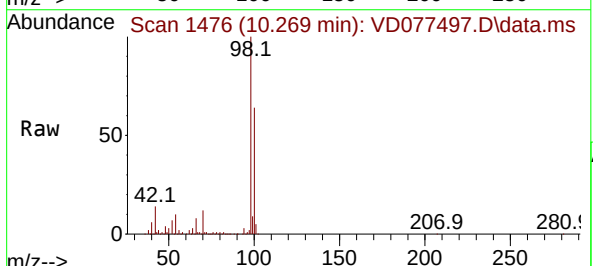
Acq: 03 Nov 2023 11:17

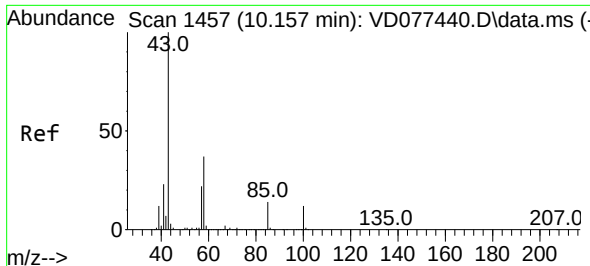
Tgt Ion: 98 Resp: 558871

Ion Ratio Lower Upper

98 100

100 63.2 50.3 75.5





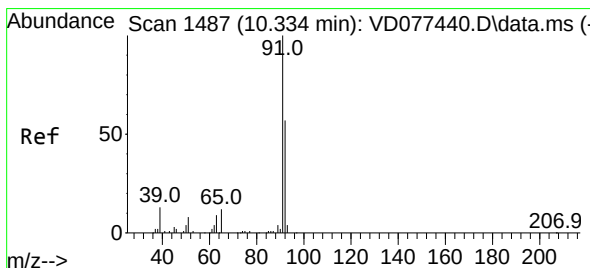
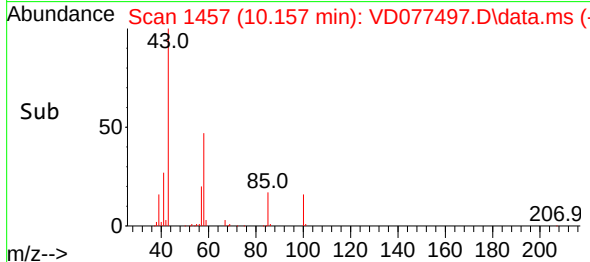
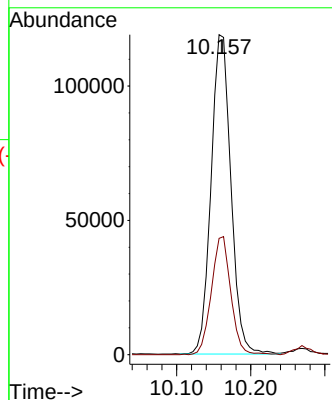
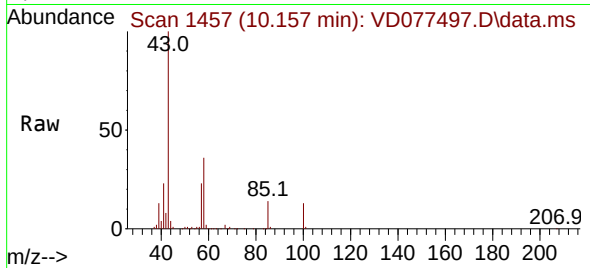
#51  
4-Methyl-2-Pentanone  
Concen: 91.237 ug/l  
RT: 10.157 min Scan# 1457  
Delta R.T. 0.000 min  
Lab File: VD077497.D  
Acq: 03 Nov 2023 11:17

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD1103SBSD01

Tgt Ion: 43 Resp: 221411  
Ion Ratio Lower Upper  
43 100  
58 36.2 38.9 58.3

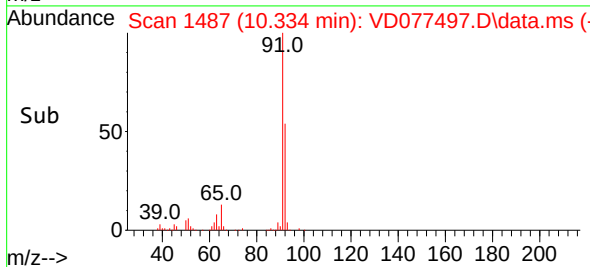
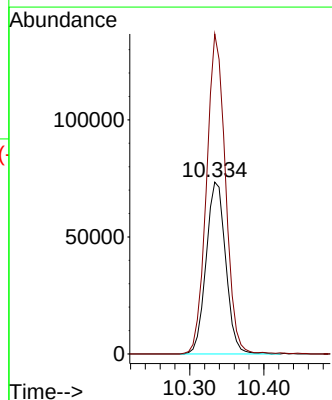
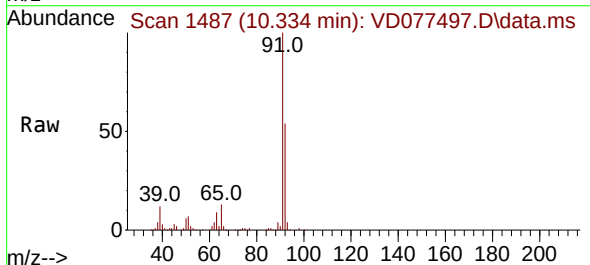
Manual Integrations  
APPROVED

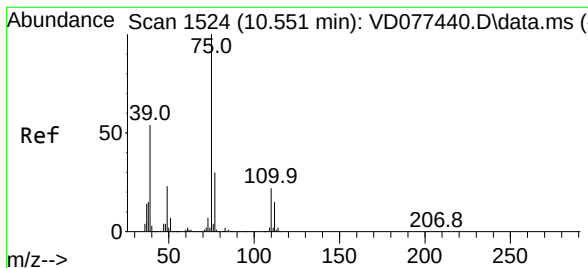
Reviewed By :John Carlone 11/06/2023  
Supervised By :Mahesh Dadoda 11/06/2023



#52  
Toluene  
Concen: 18.615 ug/l  
RT: 10.334 min Scan# 1487  
Delta R.T. 0.000 min  
Lab File: VD077497.D  
Acq: 03 Nov 2023 11:17

Tgt Ion: 92 Resp: 134713  
Ion Ratio Lower Upper  
92 100  
91 180.4 143.0 214.4





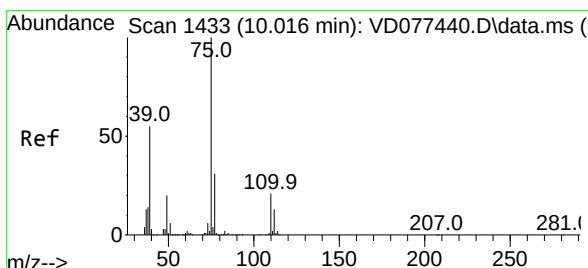
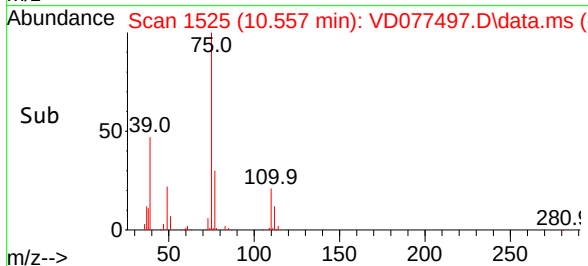
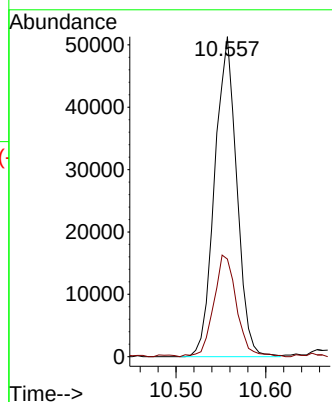
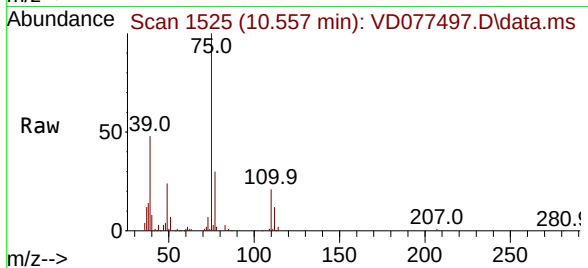
#53  
t-1,3-Dichloropropene  
Concen: 18.627 ug/l  
RT: 10.557 min Scan# 1525  
Delta R.T. 0.006 min  
Lab File: VD077497.D  
Acq: 03 Nov 2023 11:17

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD1103SBSD01

Tgt Ion: 75 Resp: 87683  
Ion Ratio Lower Upper  
75 100  
77 30.5 25.3 37.9

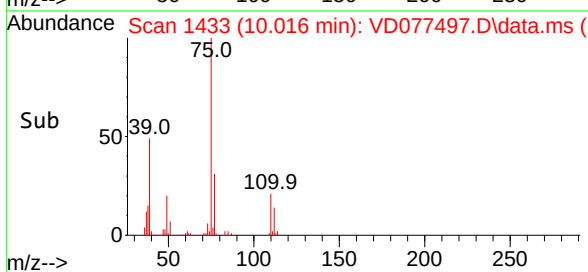
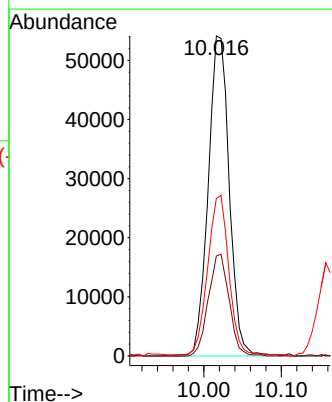
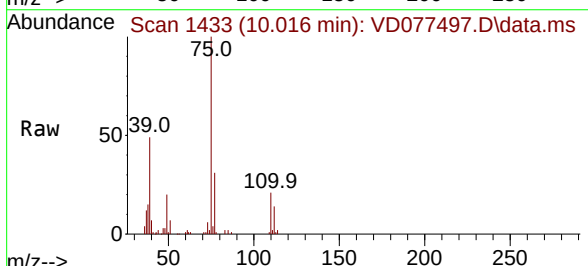
Manual Integrations  
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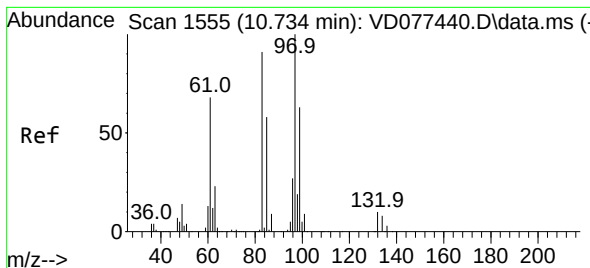
Reviewed By :John Carlone 11/06/2023  
Supervised By :Mahesh Dadoda 11/06/2023



#54  
cis-1,3-Dichloropropene  
Concen: 18.830 ug/l  
RT: 10.016 min Scan# 1433  
Delta R.T. 0.000 min  
Lab File: VD077497.D  
Acq: 03 Nov 2023 11:17

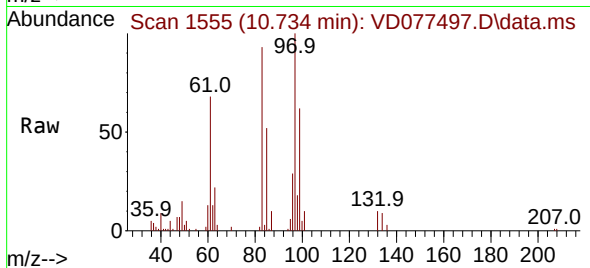
Tgt Ion: 75 Resp: 102001  
Ion Ratio Lower Upper  
75 100  
77 31.2 25.5 38.3  
39 48.8 22.1 33.1#





#55  
1,1,2-Trichloroethane  
Concen: 18.820 ug/l  
RT: 10.734 min Scan# 1555  
Delta R.T. 0.000 min  
Lab File: VD077497.D  
Acq: 03 Nov 2023 11:17

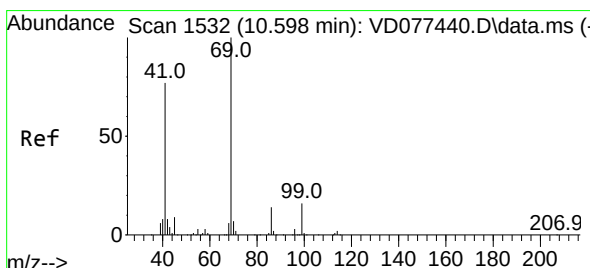
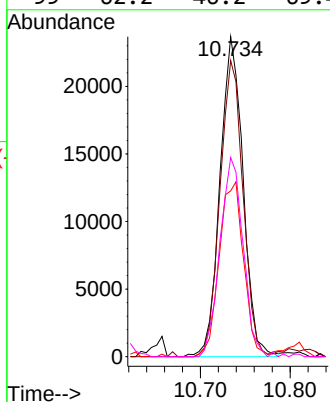
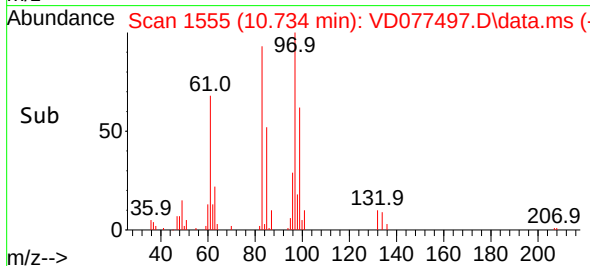
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD1103SBSD01



| Tgt Ion: | 97    | Resp: | 4223  |
|----------|-------|-------|-------|
| Ion      | Ratio | Lower | Upper |
| 97       | 100   |       |       |
| 83       | 92.6  | 65.8  | 98.6  |
| 85       | 51.8  | 45.7  | 68.5  |
| 99       | 62.2  | 46.2  | 69.4  |

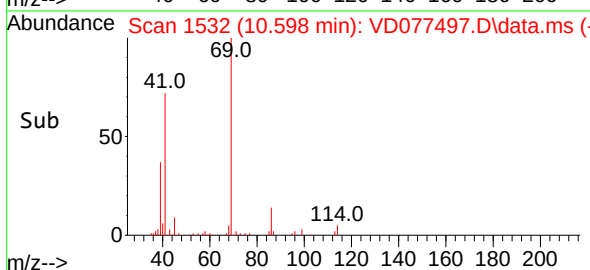
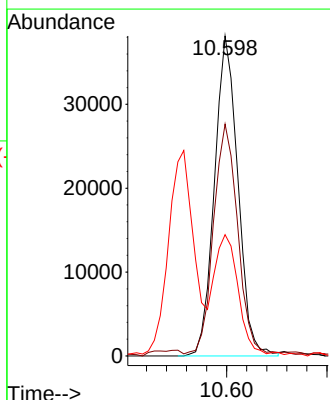
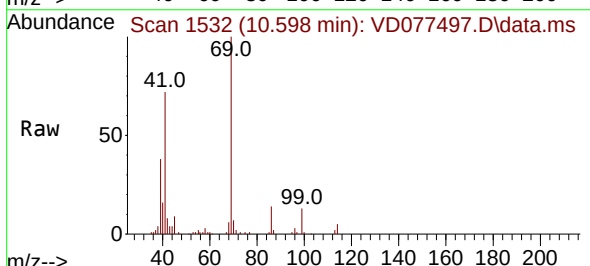
Manual Integrations  
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Reviewed By :John Carlone 11/06/2023  
Supervised By :Mahesh Dadoda 11/06/2023

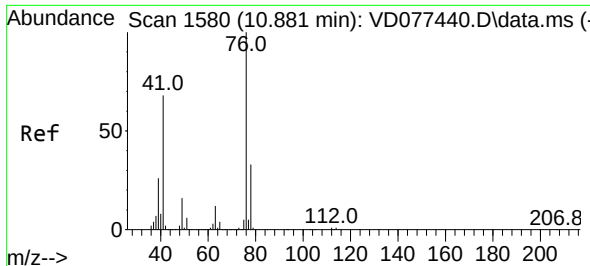


#56  
Ethyl methacrylate  
Concen: 18.550 ug/l  
RT: 10.598 min Scan# 1532  
Delta R.T. 0.000 min  
Lab File: VD077497.D  
Acq: 03 Nov 2023 11:17

| Tgt Ion: | 69    | Resp: | 61890 |
|----------|-------|-------|-------|
| Ion      | Ratio | Lower | Upper |
| 69       | 100   |       |       |
| 41       | 74.3  | 39.1  | 58.7# |
| 39       | 39.2  | 20.0  | 30.0# |

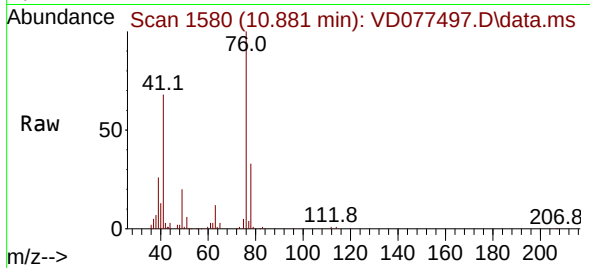






#57  
1,3-Dichloropropane  
Concen: 18.558 ug/l  
RT: 10.881 min Scan# 1580  
Delta R.T. 0.000 min  
Lab File: VD077497.D  
Acq: 03 Nov 2023 11:17

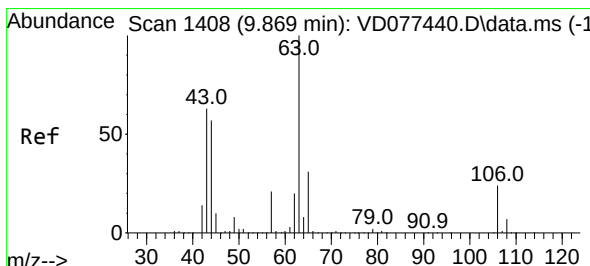
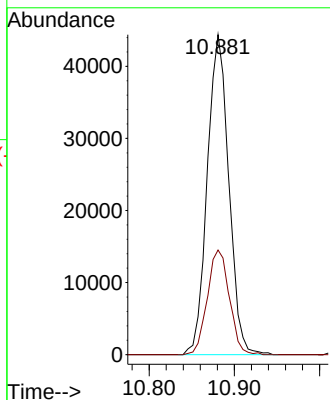
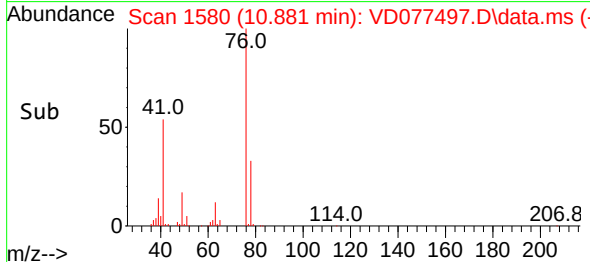
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD1103SBSD01



Tgt Ion: 76 Resp: 77839  
Ion Ratio Lower Upper  
76 100  
78 33.5 26.4 39.6

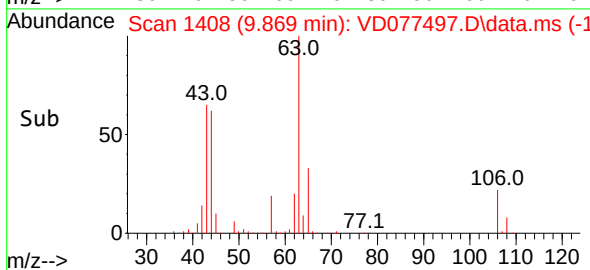
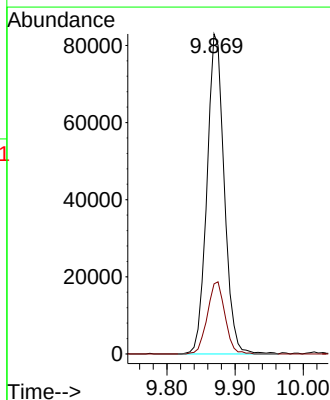
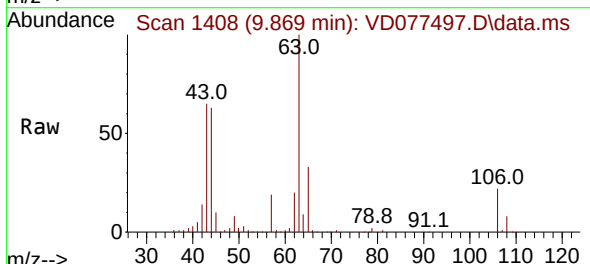
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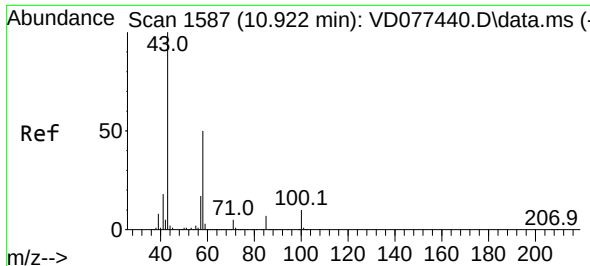
Reviewed By :John Carlone 11/06/2023  
Supervised By :Mahesh Dadoda 11/06/2023



#58  
2-Chloroethyl Vinyl ether  
Concen: 87.560 ug/l  
RT: 9.869 min Scan# 1408  
Delta R.T. 0.000 min  
Lab File: VD077497.D  
Acq: 03 Nov 2023 11:17

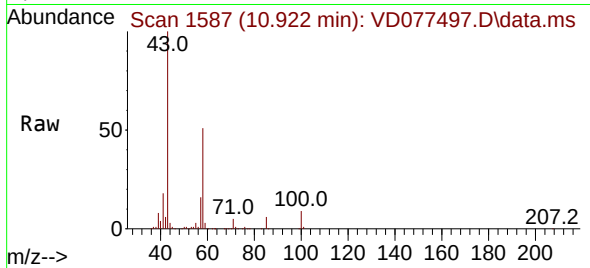
Tgt Ion: 63 Resp: 146251  
Ion Ratio Lower Upper  
63 100  
106 23.0 25.3 37.9





#59  
2-Hexanone  
Concen: 92.990 ug/l  
RT: 10.922 min Scan# 1587  
Delta R.T. 0.000 min  
Lab File: VD077497.D  
Acq: 03 Nov 2023 11:17

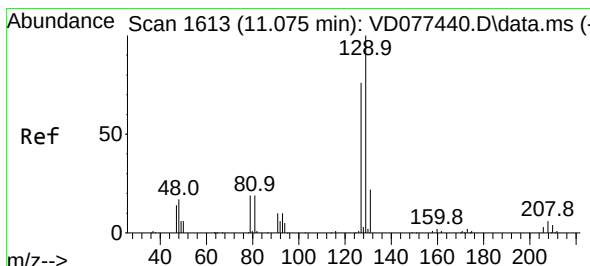
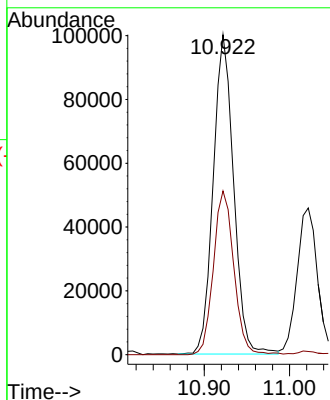
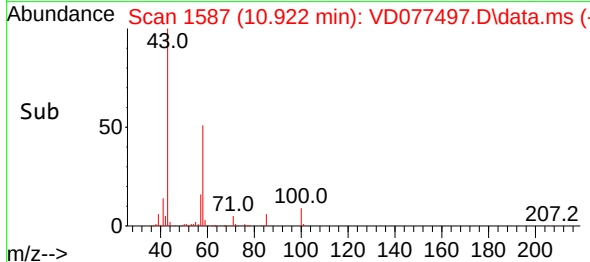
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD1103SBS01



Tgt Ion: 43 Resp: 16624  
Ion Ratio Lower Upper  
43 100  
58 51.5 34.1 102.2

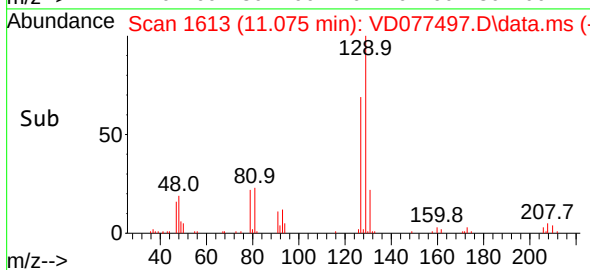
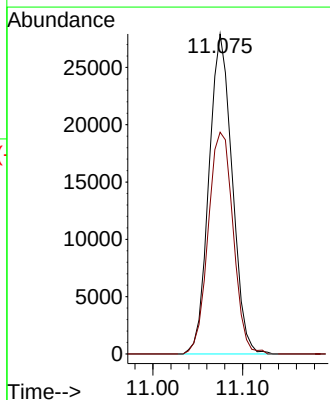
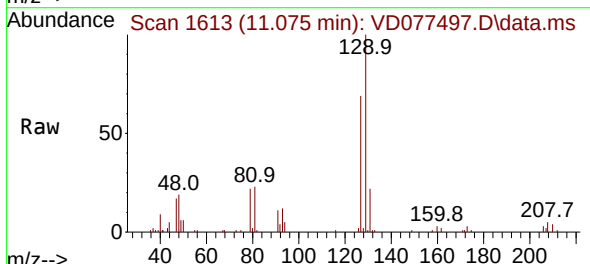
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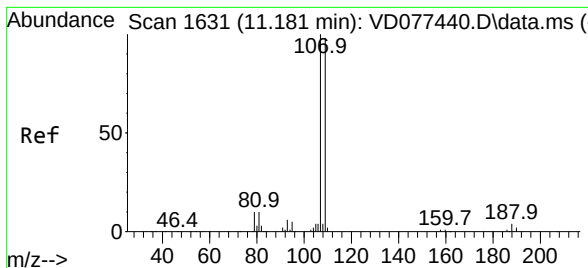
Reviewed By :John Carlone 11/06/2023  
Supervised By :Mahesh Dadoda 11/06/2023



#60  
Dibromochloromethane  
Concen: 18.587 ug/l  
RT: 11.075 min Scan# 1613  
Delta R.T. 0.000 min  
Lab File: VD077497.D  
Acq: 03 Nov 2023 11:17

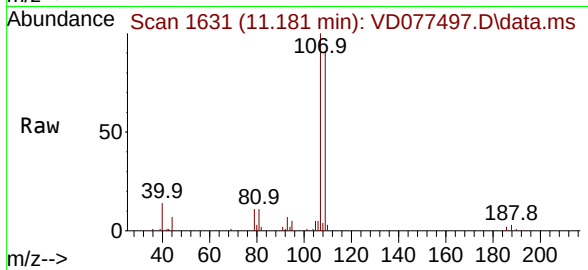
Tgt Ion:129 Resp: 50154  
Ion Ratio Lower Upper  
129 100  
127 74.4 37.1 111.5





#61  
1,2-Dibromoethane  
Concen: 18.171 ug/l  
RT: 11.181 min Scan# 1631  
Delta R.T. 0.000 min  
Lab File: VD077497.D  
Acq: 03 Nov 2023 11:17

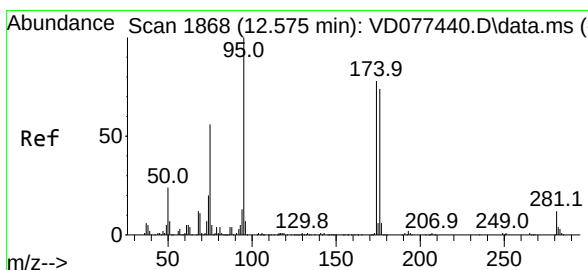
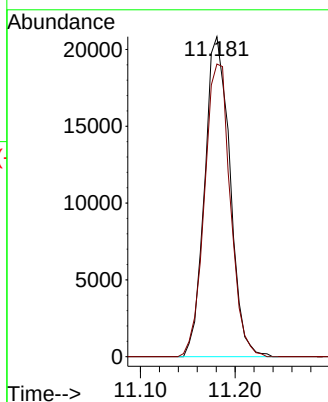
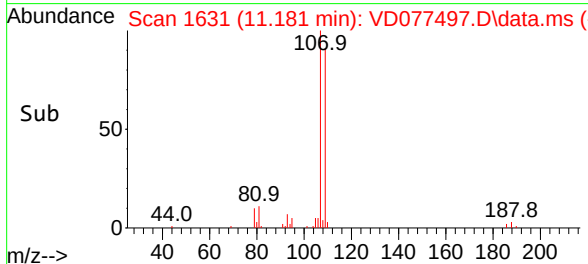
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD1103SBSD01



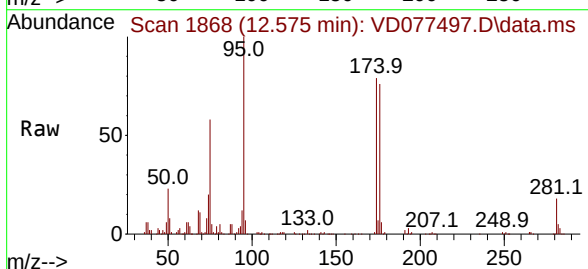
Tgt Ion:107 Resp: 38614  
Ion Ratio Lower Upper  
107 100  
109 93.7 75.6 113.4

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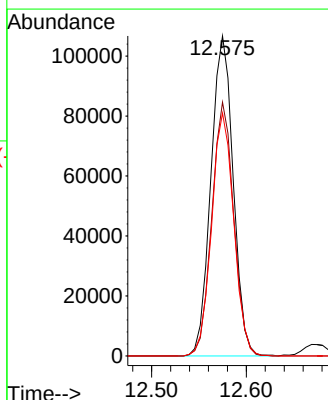
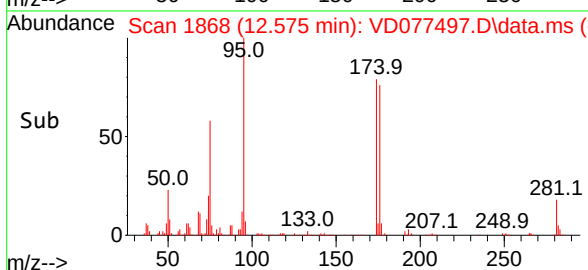
Reviewed By :John Carlone 11/06/2023  
Supervised By :Mahesh Dadoda 11/06/2023

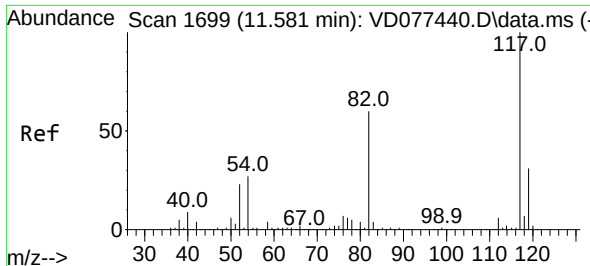


#62  
4-Bromofluorobenzene  
Concen: 47.530 ug/l  
RT: 12.575 min Scan# 1868  
Delta R.T. 0.000 min  
Lab File: VD077497.D  
Acq: 03 Nov 2023 11:17



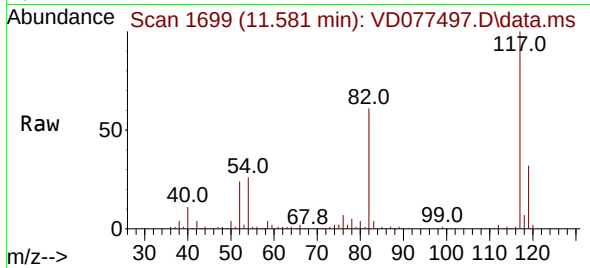
Tgt Ion: 95 Resp: 174597  
Ion Ratio Lower Upper  
95 100  
174 78.0 0.0 201.8  
176 75.5 0.0 191.8





#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.581 min Scan# 1699  
Delta R.T. 0.000 min  
Lab File: VD077497.D  
Acq: 03 Nov 2023 11:17

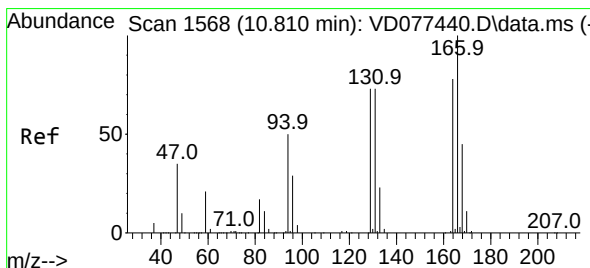
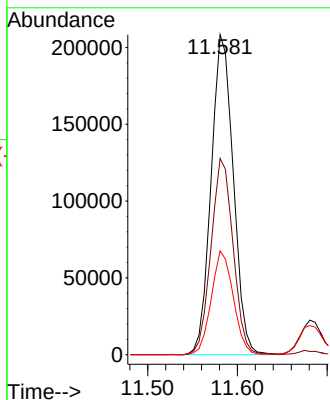
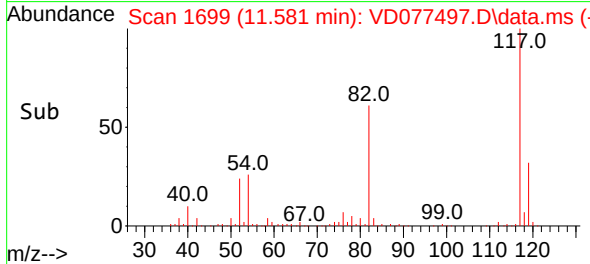
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD1103SBSD01



Tgt Ion:117 Resp: 35788  
Ion Ratio Lower Upper  
117 100  
82 61.3 38.3 57.5  
119 32.5 25.0 37.4

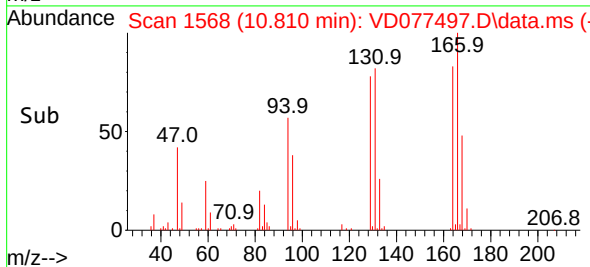
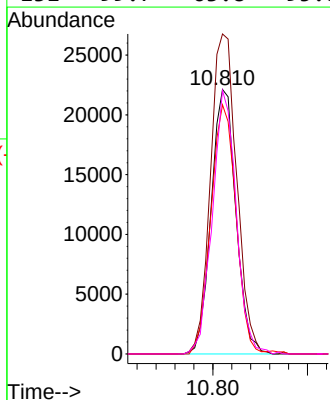
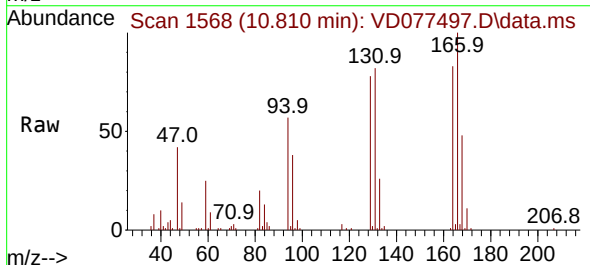
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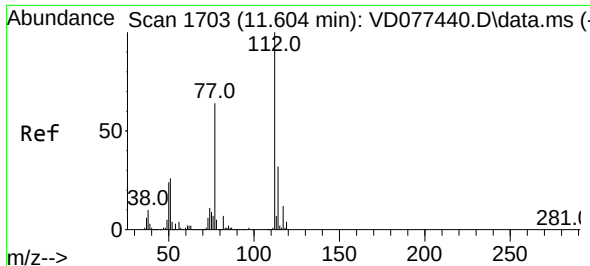
Reviewed By :John Carlone 11/06/2023  
Supervised By :Mahesh Dadoda 11/06/2023



#64  
Tetrachloroethene  
Concen: 17.600 ug/l  
RT: 10.810 min Scan# 1568  
Delta R.T. 0.000 min  
Lab File: VD077497.D  
Acq: 03 Nov 2023 11:17

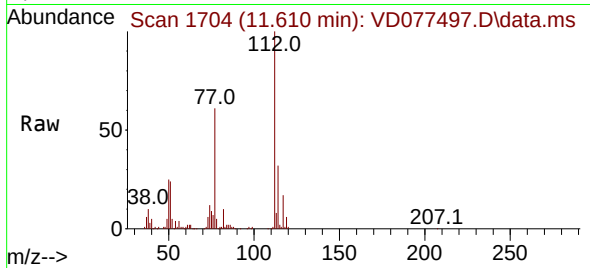
Tgt Ion:164 Resp: 40101  
Ion Ratio Lower Upper  
164 100  
166 121.0 99.2 148.8  
129 94.2 68.4 102.6  
131 99.7 63.8 95.8#





#65  
Chlorobenzene  
Concen: 19.286 ug/l  
RT: 11.610 min Scan# 1704  
Delta R.T. 0.006 min  
Lab File: VD077497.D  
Acq: 03 Nov 2023 11:17

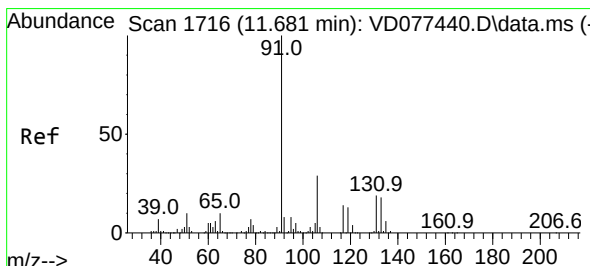
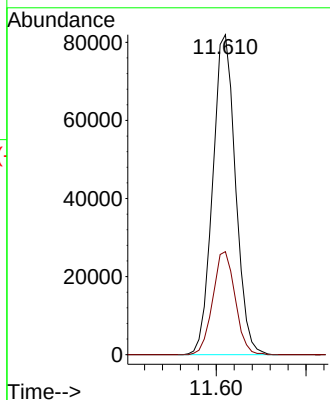
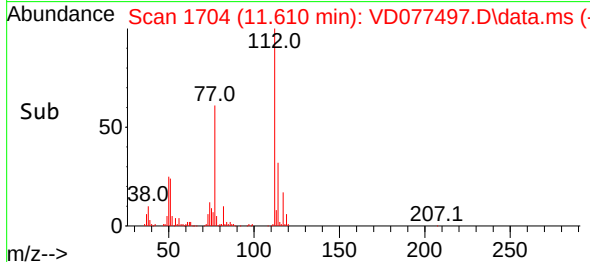
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD1103SBSD01



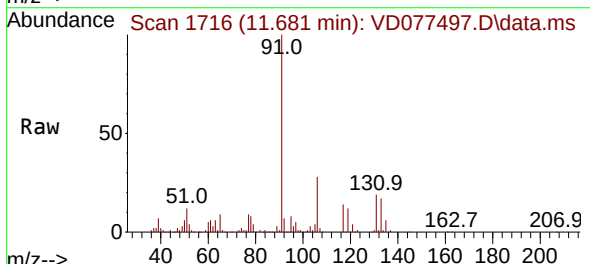
Tgt Ion:112 Resp: 144600  
Ion Ratio Lower Upper  
112 100  
114 32.2 25.1 37.7

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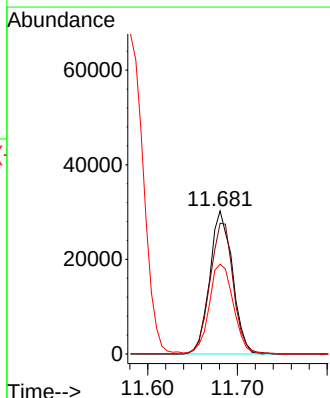
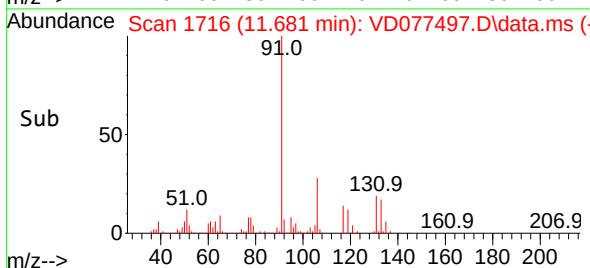
Reviewed By :John Carlone 11/06/2023  
Supervised By :Mahesh Dadoda 11/06/2023

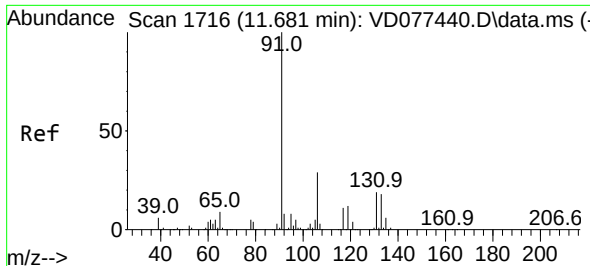


#66  
1,1,1,2-Tetrachloroethane  
Concen: 18.760 ug/l  
RT: 11.681 min Scan# 1716  
Delta R.T. 0.000 min  
Lab File: VD077497.D  
Acq: 03 Nov 2023 11:17



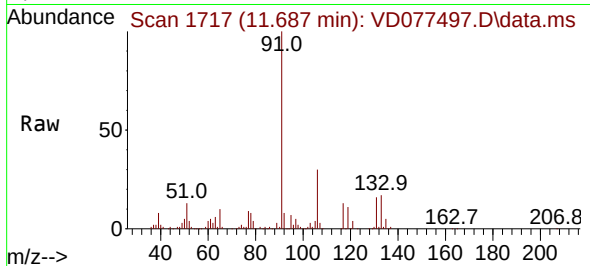
Tgt Ion:131 Resp: 53154  
Ion Ratio Lower Upper  
131 100  
133 94.2 48.5 145.5  
119 67.0 35.6 106.9





#67  
Ethyl Benzene  
Concen: 19.425 ug/l  
RT: 11.687 min Scan# 1716  
Delta R.T. 0.006 min  
Lab File: VD077497.D  
Acq: 03 Nov 2023 11:17

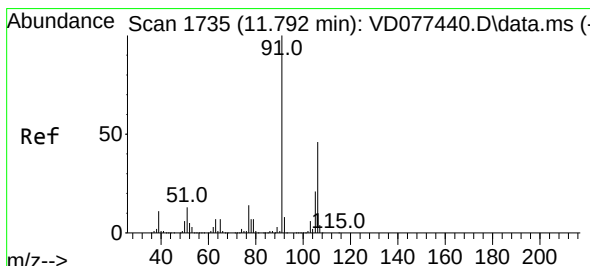
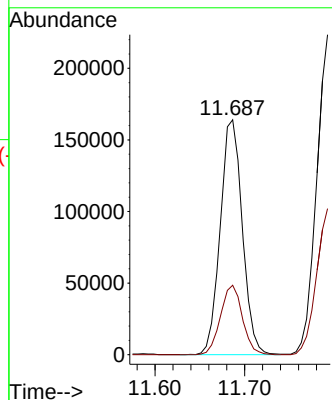
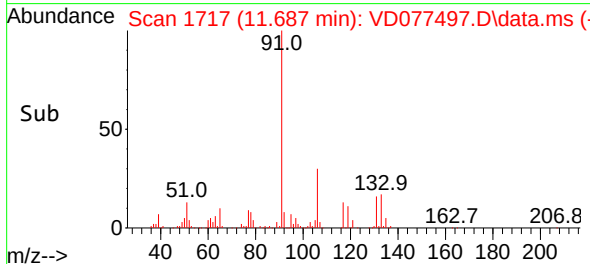
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD1103SBSD01



Tgt Ion: 91 Resp: 280230  
Ion Ratio Lower Upper  
91 100  
106 29.5 26.5 39.7

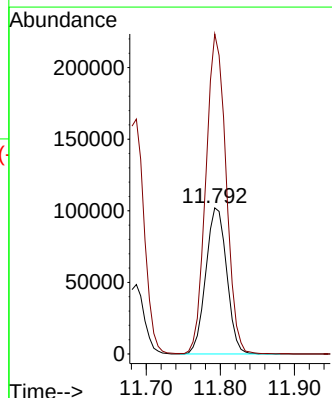
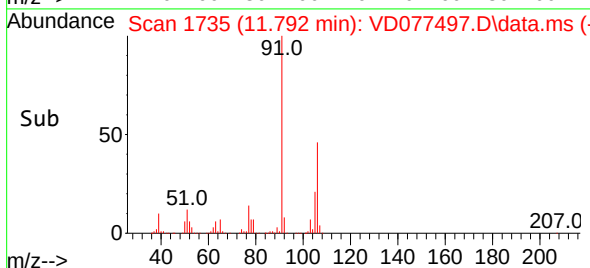
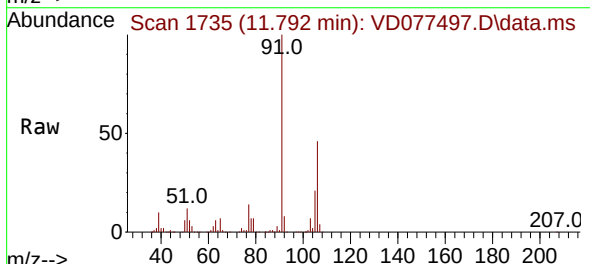
Manual Integrations  
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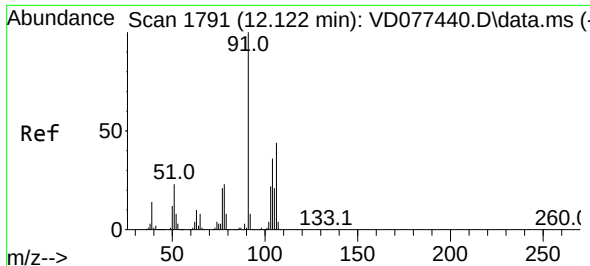
Reviewed By :John Carlone 11/06/2023  
Supervised By :Mahesh Dadoda 11/06/2023



#68  
m/p-Xylenes  
Concen: 38.360 ug/l  
RT: 11.792 min Scan# 1735  
Delta R.T. 0.000 min  
Lab File: VD077497.D  
Acq: 03 Nov 2023 11:17

Tgt Ion:106 Resp: 199834  
Ion Ratio Lower Upper  
106 100  
91 211.5 147.0 220.6





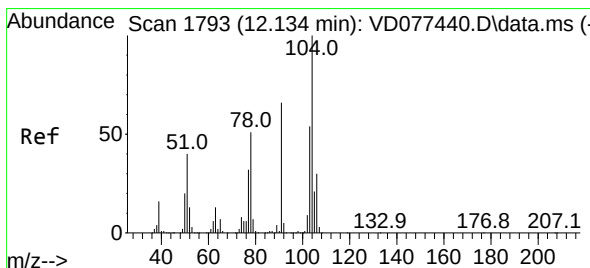
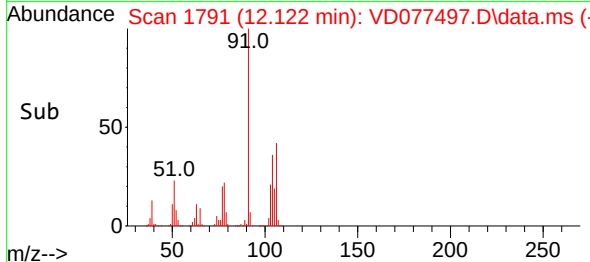
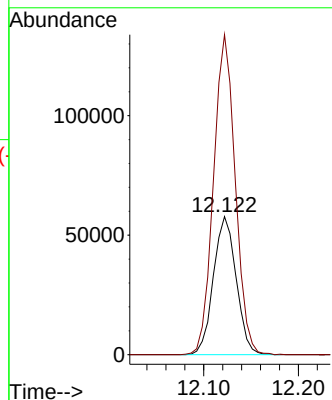
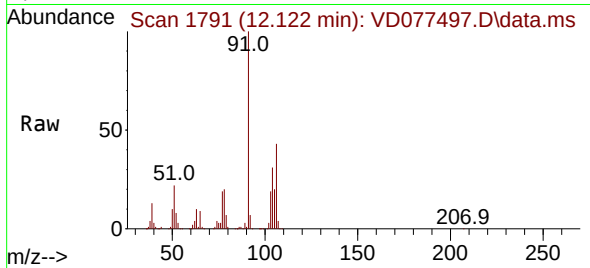
#69  
o-Xylene  
Concen: 19.383 ug/l  
RT: 12.122 min Scan# 1791  
Delta R.T. 0.000 min  
Lab File: VD077497.D  
Acq: 03 Nov 2023 11:17

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD1103SBSD01

Tgt Ion:106 Resp: 96723  
Ion Ratio Lower Upper  
106 100  
91 221.4 97.9 293.6

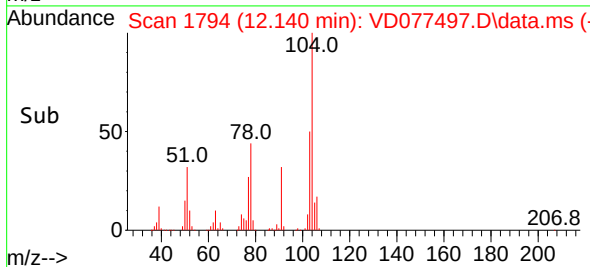
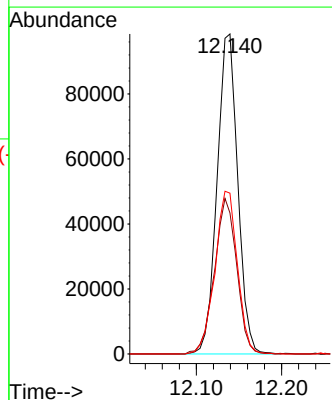
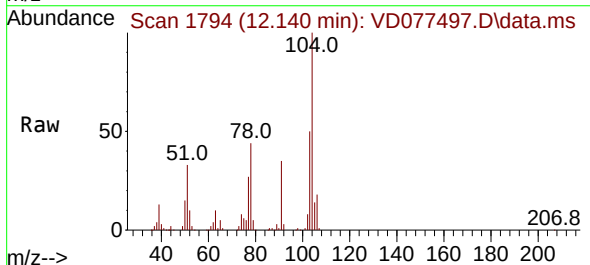
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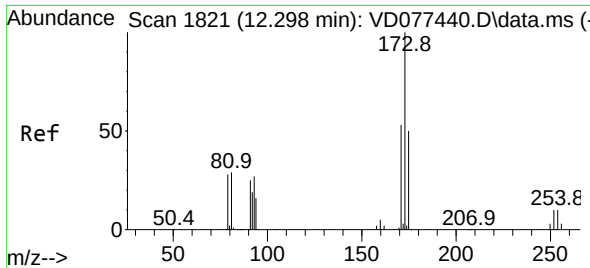
Reviewed By :John Carlone 11/06/2023  
Supervised By :Mahesh Dadoda 11/06/2023



#70  
Styrene  
Concen: 19.310 ug/l  
RT: 12.140 min Scan# 1794  
Delta R.T. 0.006 min  
Lab File: VD077497.D  
Acq: 03 Nov 2023 11:17

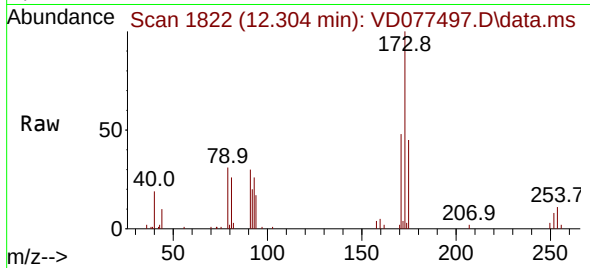
Tgt Ion:104 Resp: 166224  
Ion Ratio Lower Upper  
104 100  
78 52.5 33.2 49.8#  
103 55.2 43.6 65.4





#71  
Bromoform  
Concen: 17.806 ug/l  
RT: 12.304 min Scan# 1822  
Delta R.T. 0.006 min  
Lab File: VD077497.D  
Acq: 03 Nov 2023 11:17

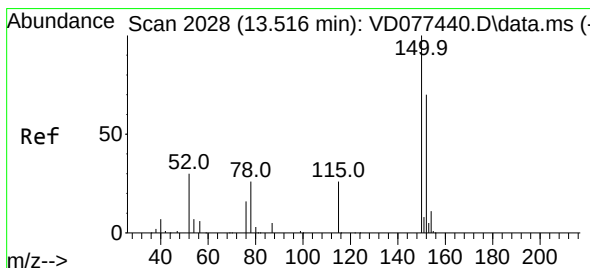
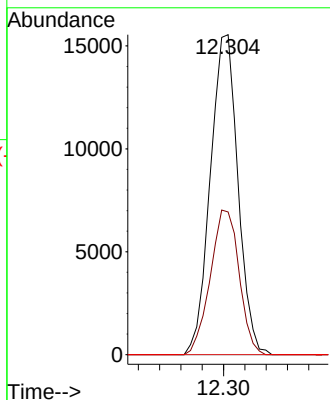
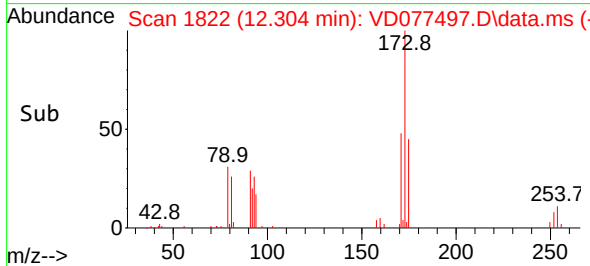
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD1103SBS01



Tgt Ion:173 Resp: 27970  
Ion Ratio Lower Upper  
173 100  
175 47.2 24.6 73.8  
254 0.0 0.0 0.0

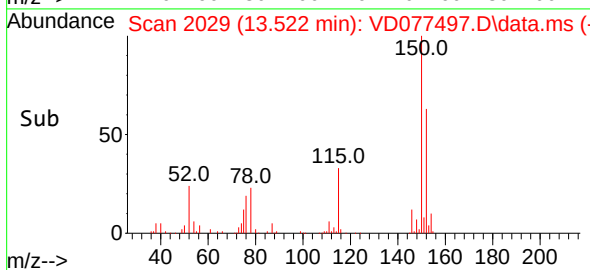
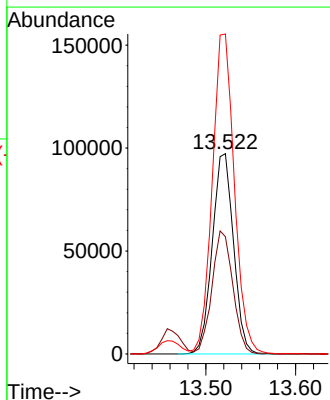
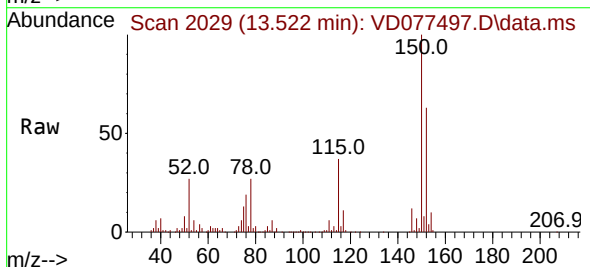
Manual Integrations  
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Reviewed By :John Carlone 11/06/2023  
Supervised By :Mahesh Dadoda 11/06/2023

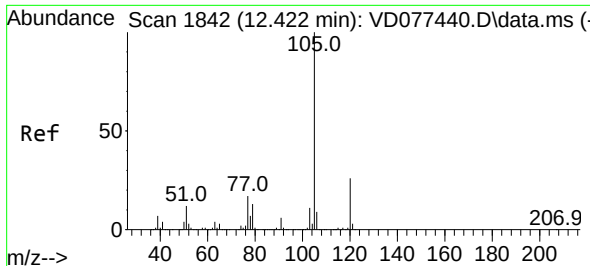


#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.522 min Scan# 2029  
Delta R.T. 0.006 min  
Lab File: VD077497.D  
Acq: 03 Nov 2023 11:17

Tgt Ion:152 Resp: 160142  
Ion Ratio Lower Upper  
152 100  
115 60.4 27.1 81.3  
150 165.9 0.0 353.6

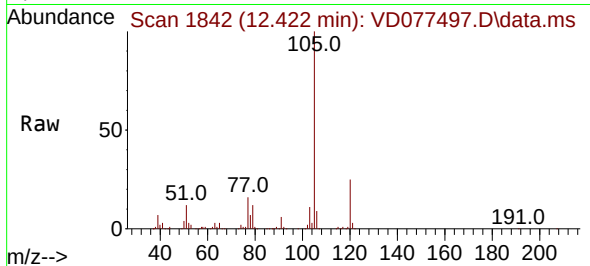






#73  
Isopropylbenzene  
Concen: 20.219 ug/l  
RT: 12.422 min Scan# 1842  
Delta R.T. 0.000 min  
Lab File: VD077497.D  
Acq: 03 Nov 2023 11:17

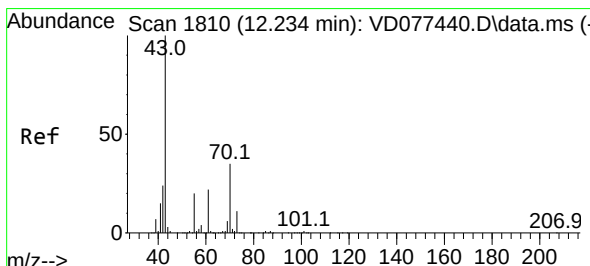
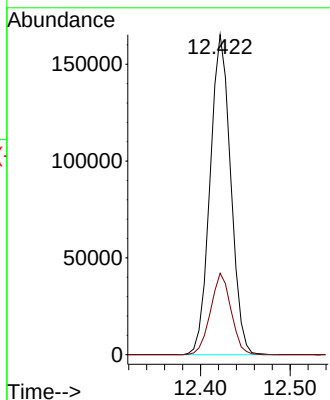
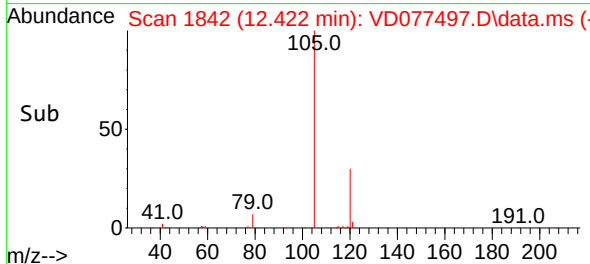
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD1103SBSD01



Tgt Ion:105 Resp: 26399  
Ion Ratio Lower Upper  
105 100  
120 25.2 14.3 42.9

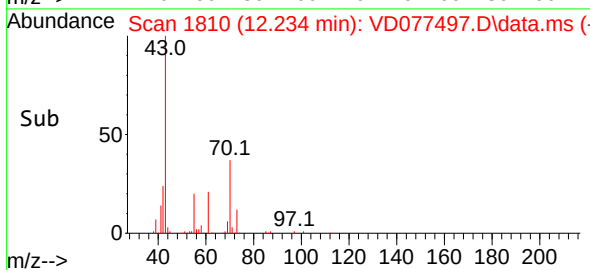
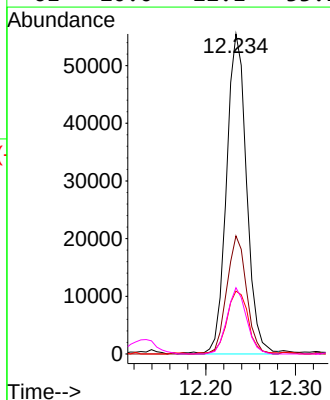
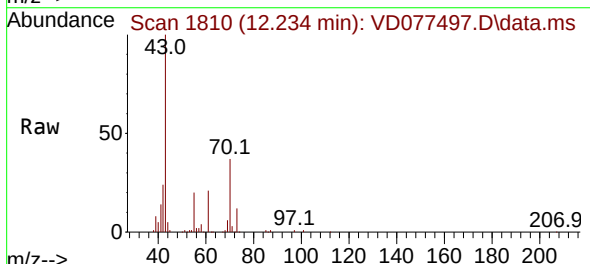
Manual Integrations  
APPROVED

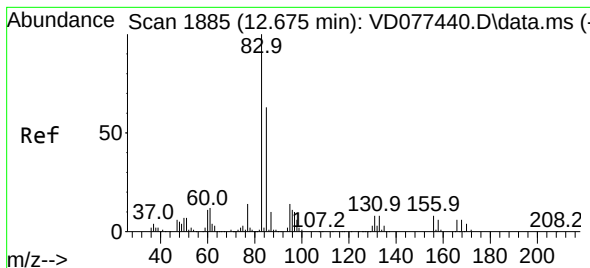
Reviewed By :John Carlone 11/06/2023  
Supervised By :Mahesh Dadoda 11/06/2023



#74  
N-ethyl acetate  
Concen: 18.677 ug/l  
RT: 12.234 min Scan# 1810  
Delta R.T. 0.000 min  
Lab File: VD077497.D  
Acq: 03 Nov 2023 11:17

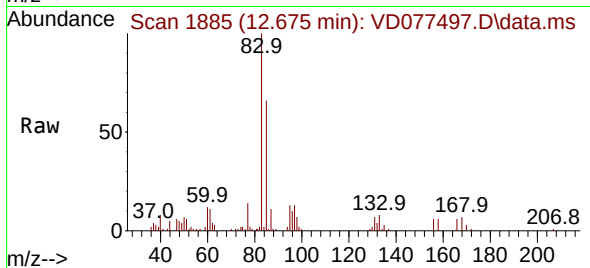
Tgt Ion: 43 Resp: 86377  
Ion Ratio Lower Upper  
43 100  
70 36.0 45.0 67.4#  
55 21.0 23.8 35.6#  
61 20.0 22.1 33.1#





#75  
 1,1,2,2-Tetrachloroethane  
 Concen: 19.161 ug/l  
 RT: 12.675 min Scan# 1885  
 Delta R.T. 0.000 min  
 Lab File: VD077497.D  
 Acq: 03 Nov 2023 11:17

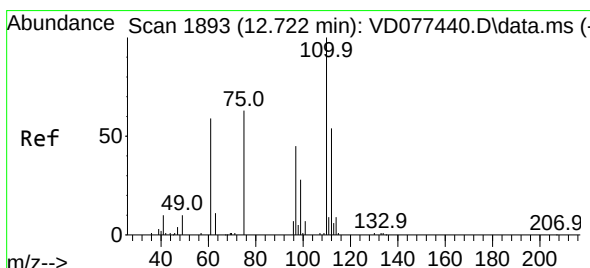
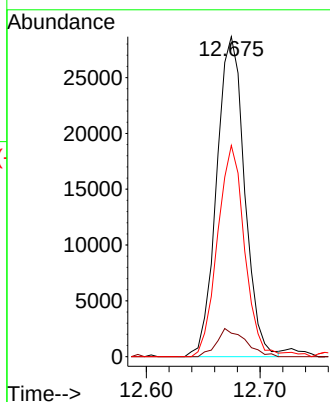
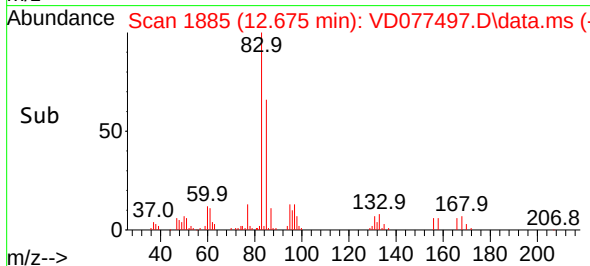
Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD1103SBSD01



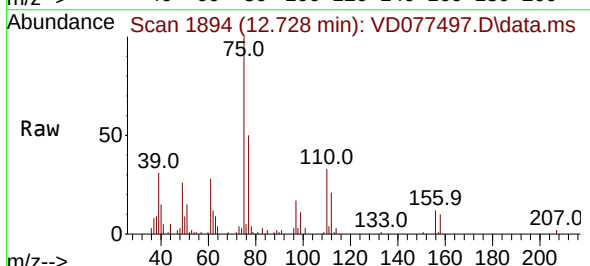
Tgt Ion: 83 Resp: 4904  
 Ion Ratio Lower Upper  
 83 100  
 131 9.0 5.1 15.3  
 85 64.5 32.6 97.8

Manual Integrations  
 APPROVED

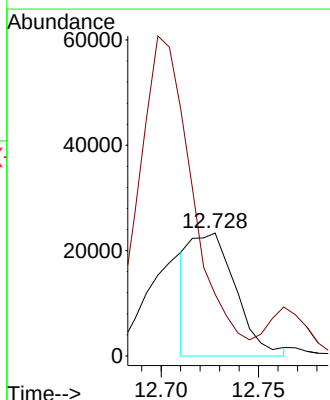
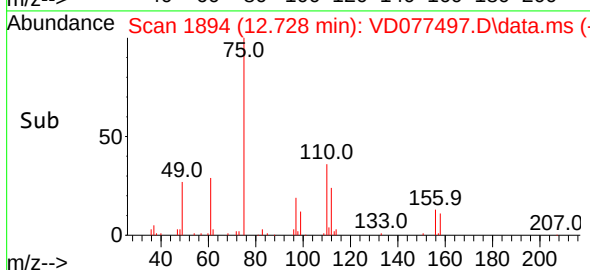
Reviewed By :John Carlone 11/06/2023  
 Supervised By :Mahesh Dadoda 11/06/2023

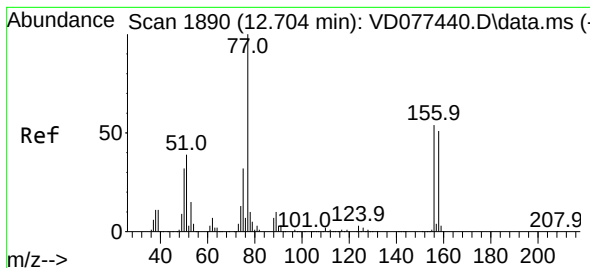


#76  
 1,2,3-Trichloropropane  
 Concen: 19.585 ug/l m  
 RT: 12.728 min Scan# 1894  
 Delta R.T. 0.006 min  
 Lab File: VD077497.D  
 Acq: 03 Nov 2023 11:17



Tgt Ion: 75 Resp: 38172  
 Ion Ratio Lower Upper  
 75 100  
 77 0.0 0.0 0.0





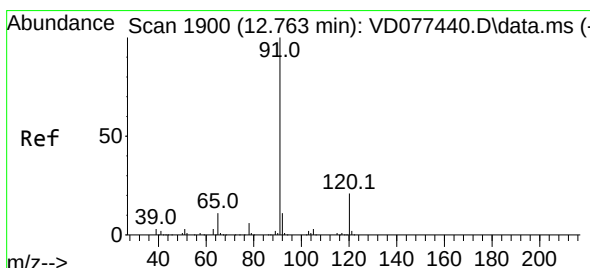
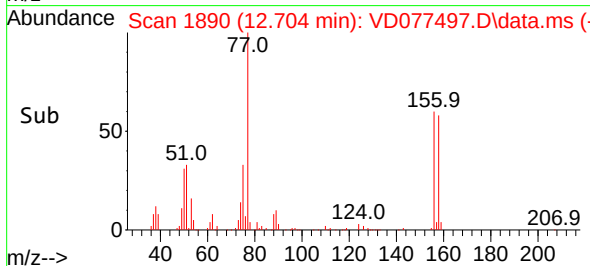
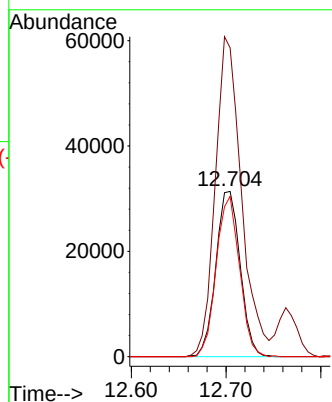
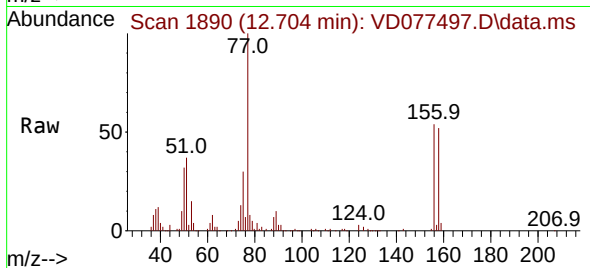
#77  
Bromobenzene  
Concen: 19.463 ug/l  
RT: 12.704 min Scan# 1890  
Delta R.T. 0.000 min  
Lab File: VD077497.D  
Acq: 03 Nov 2023 11:17

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD1103SBSD01

Tgt Ion:156 Resp: 55930  
Ion Ratio Lower Upper  
156 100  
77 208.5 76.8 230.4  
158 93.0 48.6 145.9

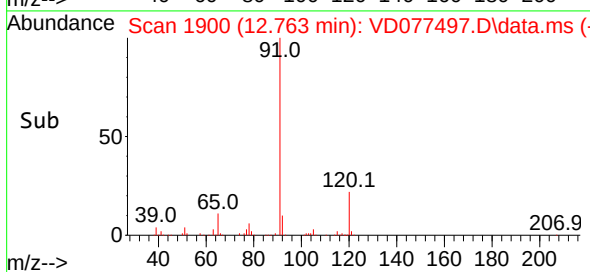
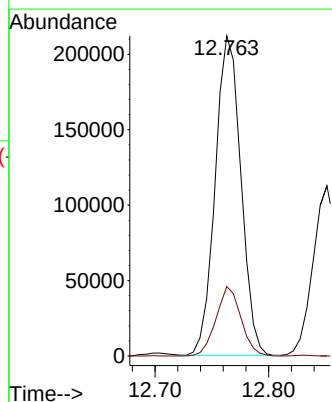
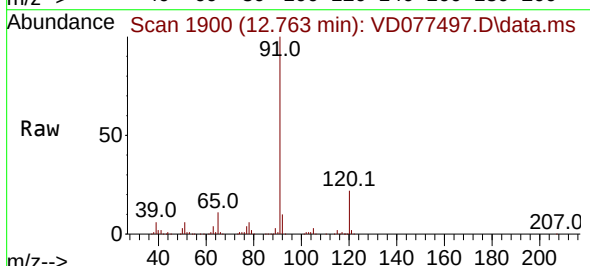
Manual Integrations  
APPROVED

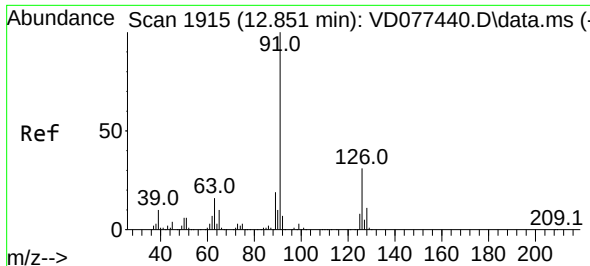
Reviewed By :John Carlone 11/06/2023  
Supervised By :Mahesh Dadoda 11/06/2023



#78  
n-propylbenzene  
Concen: 20.101 ug/l  
RT: 12.763 min Scan# 1900  
Delta R.T. 0.000 min  
Lab File: VD077497.D  
Acq: 03 Nov 2023 11:17

Tgt Ion: 91 Resp: 333246  
Ion Ratio Lower Upper  
91 100  
120 21.0 12.4 37.2





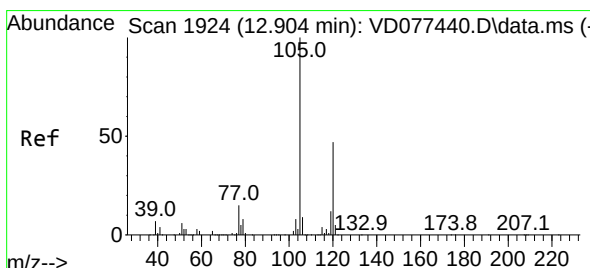
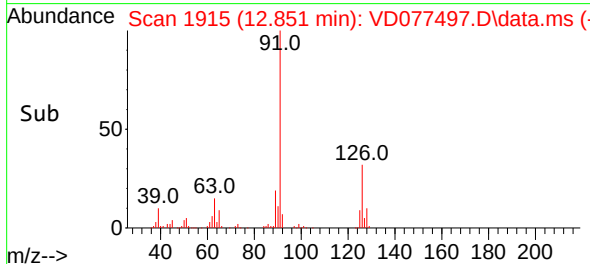
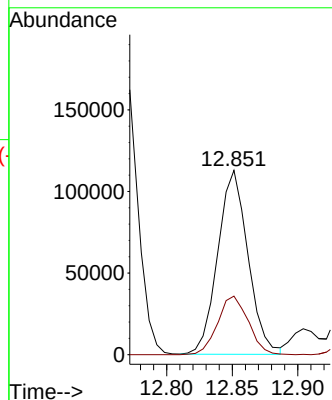
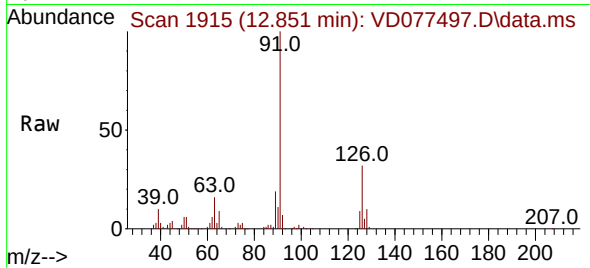
#79  
2-Chlorotoluene  
Concen: 19.296 ug/l  
RT: 12.851 min Scan# 1915  
Delta R.T. 0.000 min  
Lab File: VD077497.D  
Acq: 03 Nov 2023 11:17

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD1103SBSD01

Tgt Ion: 91 Resp: 181124  
Ion Ratio Lower Upper  
91 100  
126 32.2 19.4 58.1

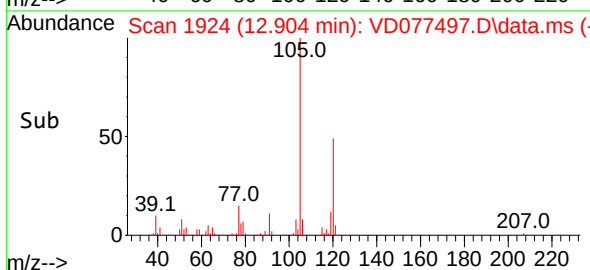
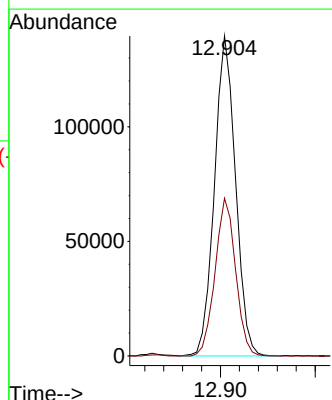
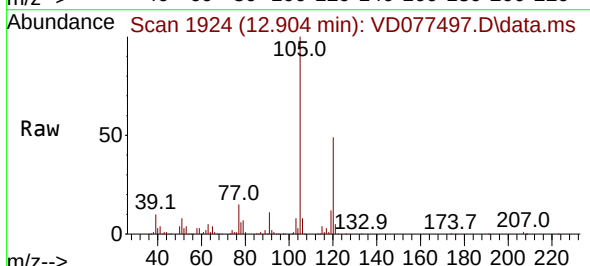
Manual Integrations  
APPROVED

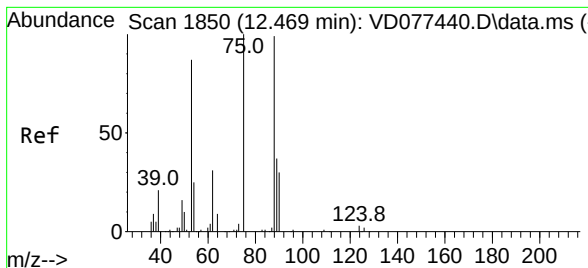
Reviewed By :John Carlone 11/06/2023  
Supervised By :Mahesh Dadoda 11/06/2023



#80  
1,3,5-Trimethylbenzene  
Concen: 19.689 ug/l  
RT: 12.904 min Scan# 1924  
Delta R.T. 0.000 min  
Lab File: VD077497.D  
Acq: 03 Nov 2023 11:17

Tgt Ion:105 Resp: 215703  
Ion Ratio Lower Upper  
105 100  
120 48.0 26.4 79.2





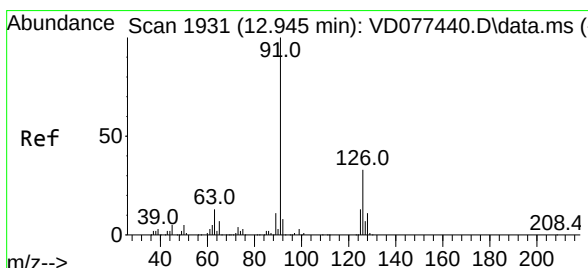
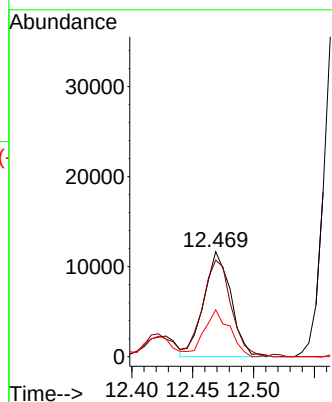
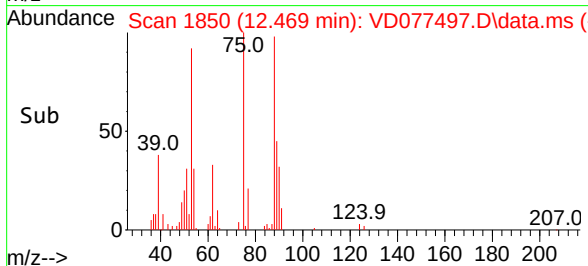
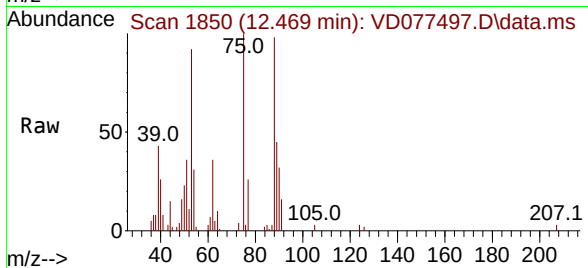
#81  
trans-1,4-Dichloro-2-butene  
Concen: 17.987 ug/l  
RT: 12.469 min Scan# 1850  
Delta R.T. 0.000 min  
Lab File: VD077497.D  
Acq: 03 Nov 2023 11:17

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD1103SBSD01

Tgt Ion: 75 Resp: 18149  
Ion Ratio Lower Upper  
75 100  
53 96.1 63.0 94.4  
89 41.3 37.9 56.9

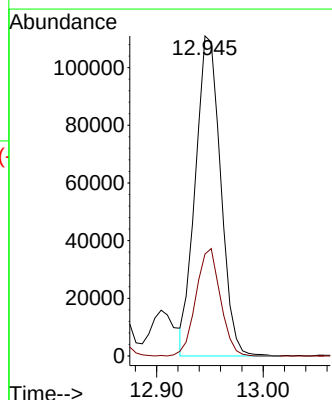
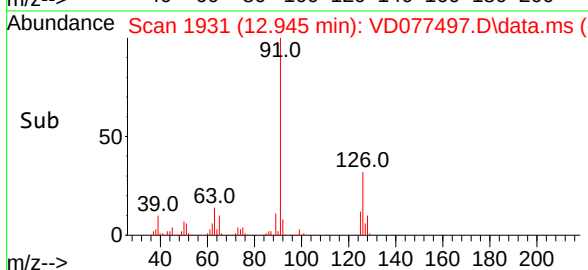
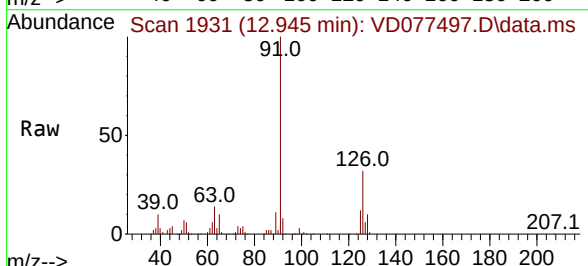
Manual Integrations  
APPROVED

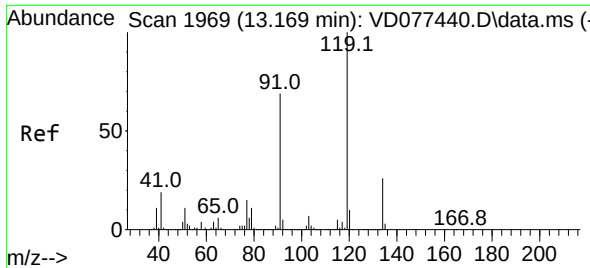
Reviewed By :John Carlone 11/06/2023  
Supervised By :Mahesh Dadoda 11/06/2023



#82  
4-Chlorotoluene  
Concen: 18.729 ug/l  
RT: 12.945 min Scan# 1931  
Delta R.T. 0.000 min  
Lab File: VD077497.D  
Acq: 03 Nov 2023 11:17

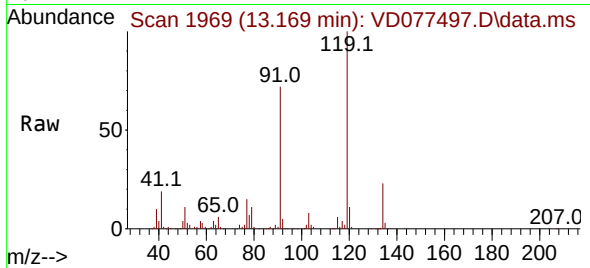
Tgt Ion: 91 Resp: 183120  
Ion Ratio Lower Upper  
91 100  
126 32.5 19.4 58.4





#83  
tert-Butylbenzene  
Concen: 19.961 ug/l  
RT: 13.169 min Scan# 1969  
Delta R.T. 0.000 min  
Lab File: VD077497.D  
Acq: 03 Nov 2023 11:17

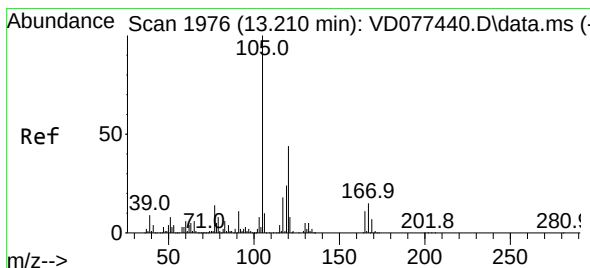
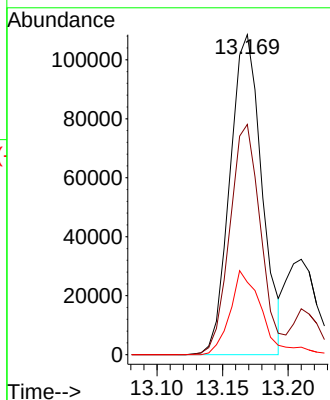
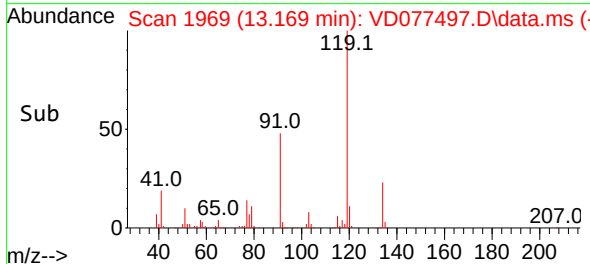
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD1103SBSD01



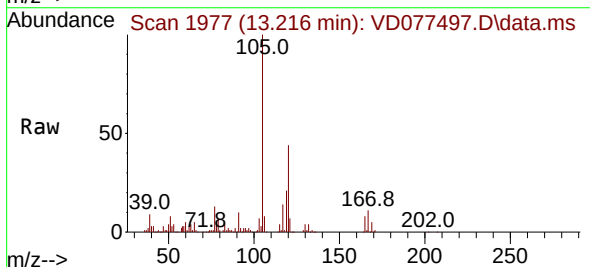
Tgt Ion:119 Resp: 18386  
Ion Ratio Lower Upper  
119 100  
91 70.0 29.3 87.8  
134 26.4 14.1 42.3

Manual Integrations  
APPROVED

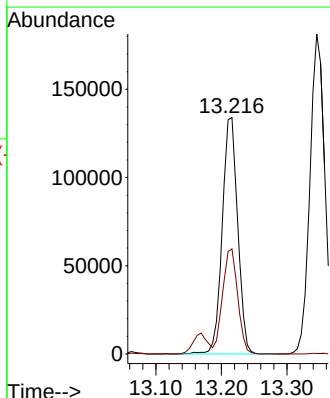
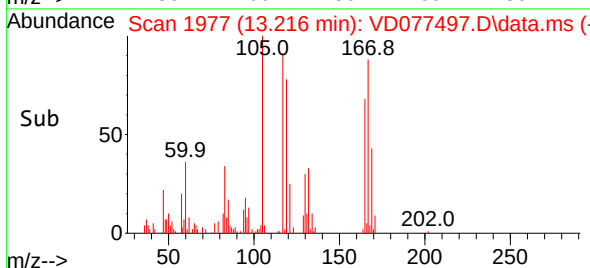
Reviewed By :John Carlone 11/06/2023  
Supervised By :Mahesh Dadoda 11/06/2023

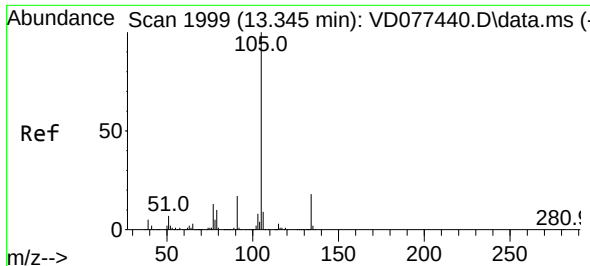


#84  
1,2,4-Trimethylbenzene  
Concen: 20.103 ug/l  
RT: 13.216 min Scan# 1977  
Delta R.T. 0.006 min  
Lab File: VD077497.D  
Acq: 03 Nov 2023 11:17



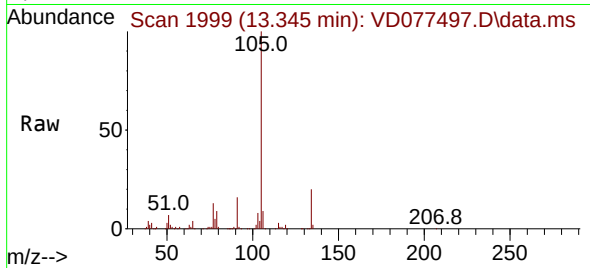
Tgt Ion:105 Resp: 218773  
Ion Ratio Lower Upper  
105 100  
120 43.4 24.3 72.9





#85  
 sec-Butylbenzene  
 Concen: 20.256 ug/l  
 RT: 13.345 min Scan# 1999  
 Delta R.T. 0.000 min  
 Lab File: VD077497.D  
 Acq: 03 Nov 2023 11:17

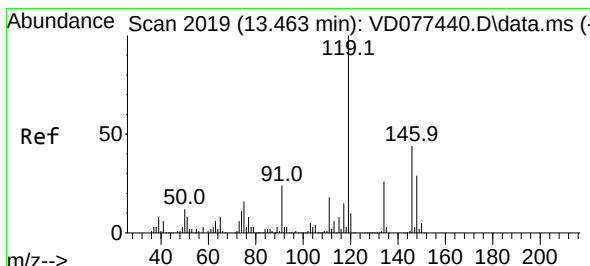
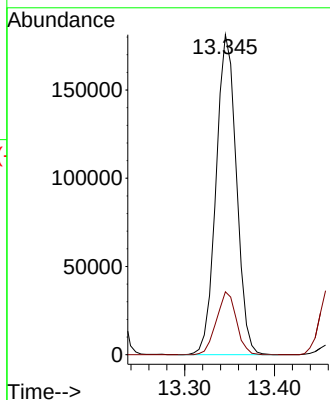
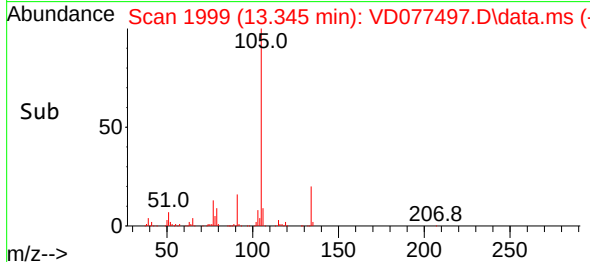
Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD1103SBSD01



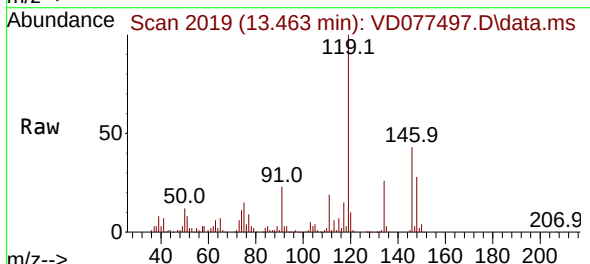
Tgt Ion:105 Resp: 285479  
 Ion Ratio Lower Upper  
 105 100  
 134 19.2 10.9 32.9

Manual Integrations  
 APPROVED

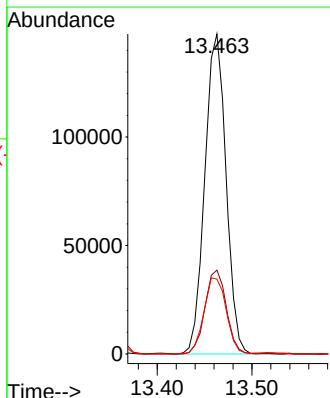
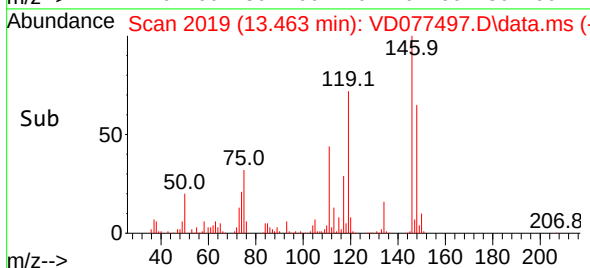
Reviewed By :John Carlone 11/06/2023  
 Supervised By :Mahesh Dadoda 11/06/2023

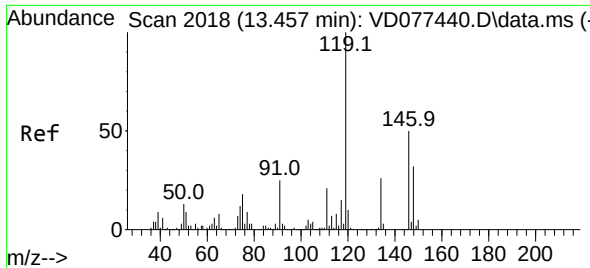


#86  
 p-Isopropyltoluene  
 Concen: 20.024 ug/l  
 RT: 13.463 min Scan# 2019  
 Delta R.T. 0.000 min  
 Lab File: VD077497.D  
 Acq: 03 Nov 2023 11:17



Tgt Ion:119 Resp: 229380  
 Ion Ratio Lower Upper  
 119 100  
 134 26.3 14.2 42.6  
 91 25.0 10.5 31.5





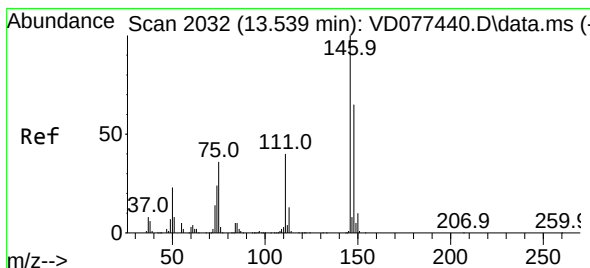
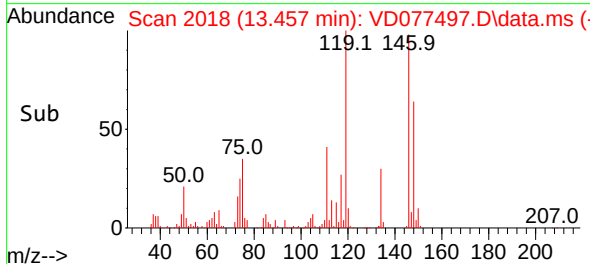
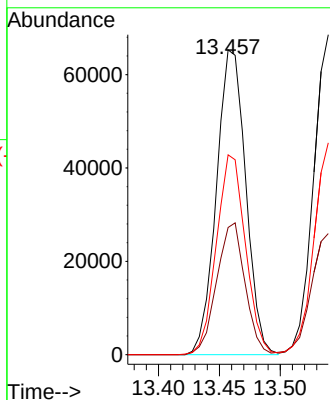
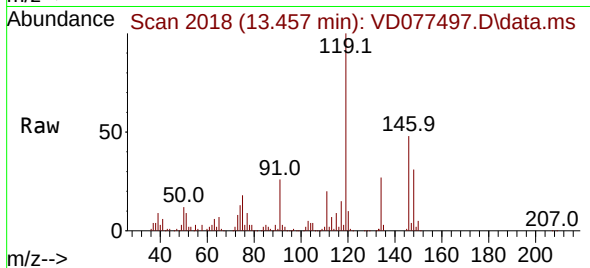
#87  
1,3-Dichlorobenzene  
Concen: 19.400 ug/l  
RT: 13.457 min Scan# 2018  
Delta R.T. 0.000 min  
Lab File: VD077497.D  
Acq: 03 Nov 2023 11:17

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD1103SBSD01

Tgt Ion:146 Resp: 109592  
Ion Ratio Lower Upper  
146 100  
111 41.8 17.9 53.8  
148 65.1 32.3 96.8

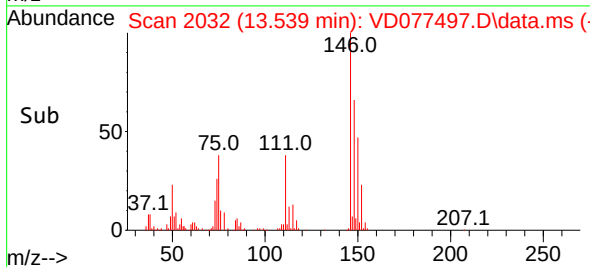
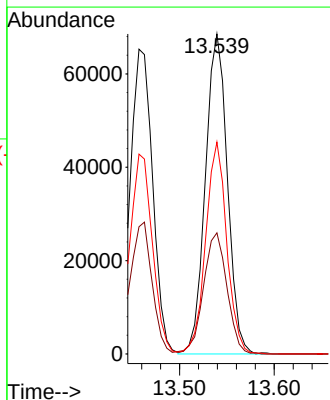
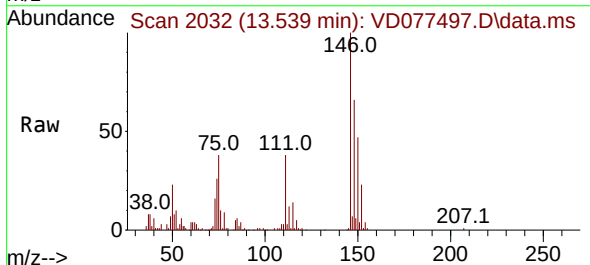
Manual Integrations  
APPROVED

Reviewed By :John Carlone 11/06/2023  
Supervised By :Mahesh Dadoda 11/06/2023

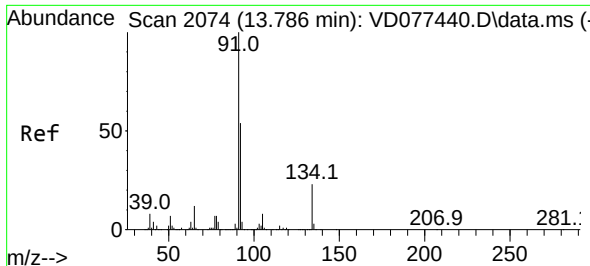


#88  
1,4-Dichlorobenzene  
Concen: 19.571 ug/l  
RT: 13.539 min Scan# 2032  
Delta R.T. 0.000 min  
Lab File: VD077497.D  
Acq: 03 Nov 2023 11:17

Tgt Ion:146 Resp: 110463  
Ion Ratio Lower Upper  
146 100  
111 40.6 17.4 52.3  
148 63.7 31.7 95.1

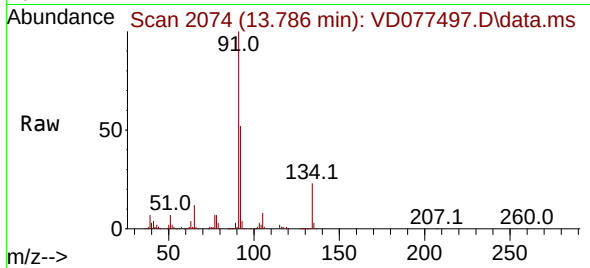






#89  
n-Butylbenzene  
Concen: 20.090 ug/l  
RT: 13.786 min Scan# 2074  
Delta R.T. 0.000 min  
Lab File: VD077497.D  
Acq: 03 Nov 2023 11:17

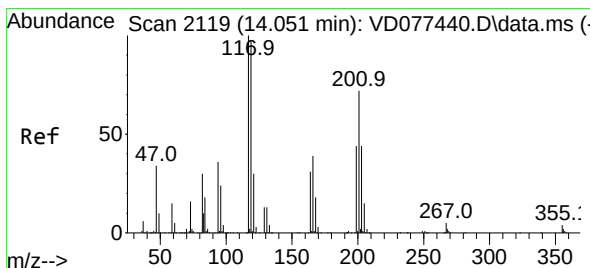
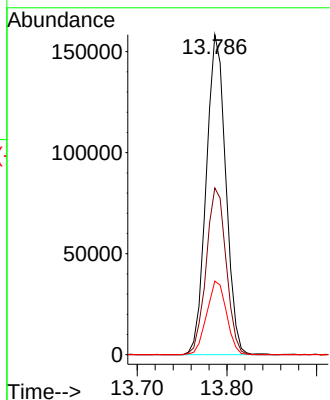
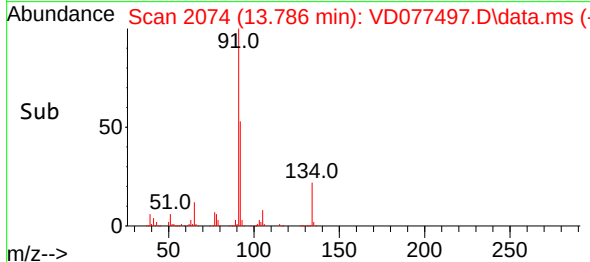
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD1103SBSD01



Tgt Ion: 91 Resp: 23920  
Ion Ratio Lower Upper  
91 100  
92 53.3 26.5 79.5  
134 23.3 13.8 41.3

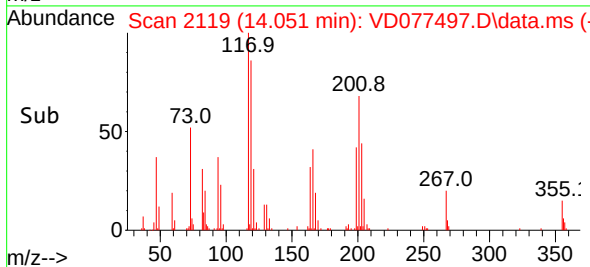
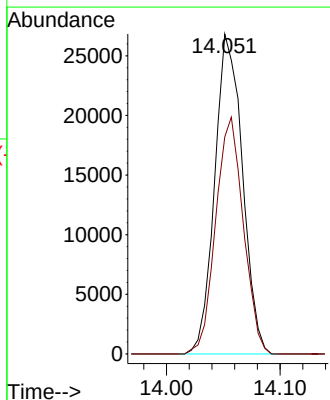
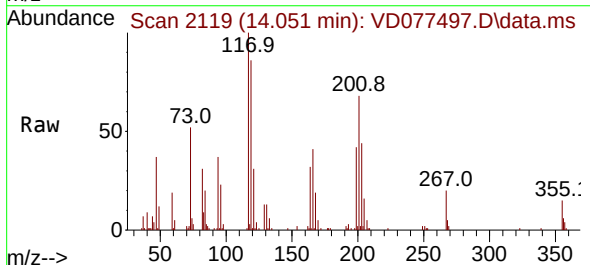
Manual Integrations  
APPROVED

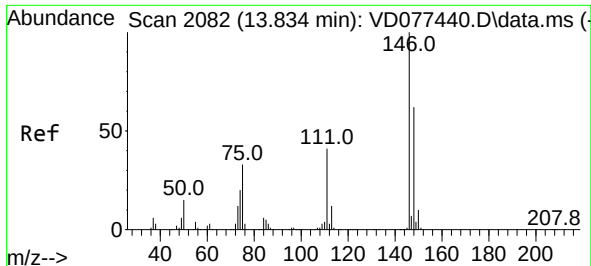
Reviewed By :John Carlone 11/06/2023  
Supervised By :Mahesh Dadoda 11/06/2023



#90  
Hexachloroethane  
Concen: 19.384 ug/l  
RT: 14.051 min Scan# 2119  
Delta R.T. 0.000 min  
Lab File: VD077497.D  
Acq: 03 Nov 2023 11:17

Tgt Ion:117 Resp: 45440  
Ion Ratio Lower Upper  
117 100  
201 73.8 38.5 115.5





#91

1,2-Dichlorobenzene

Concen: 19.563 ug/l

RT: 13.834 min Scan# 2082

Delta R.T. 0.000 min

Lab File: VD077497.D

Acq: 03 Nov 2023 11:17

Instrument :

MSVOA\_D

ClientSampleId :

VD1103SBSD01

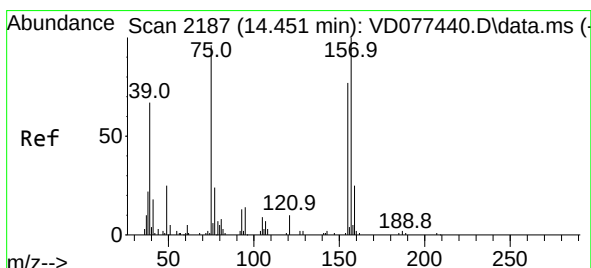
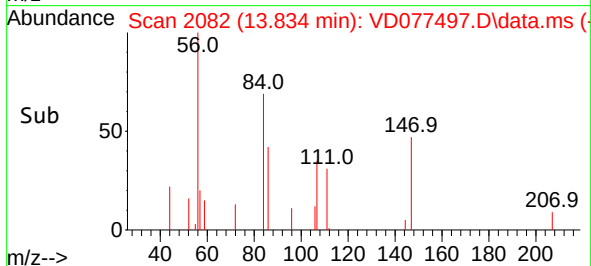
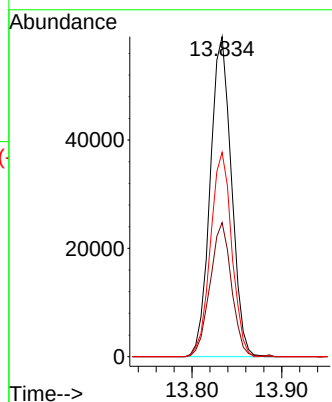
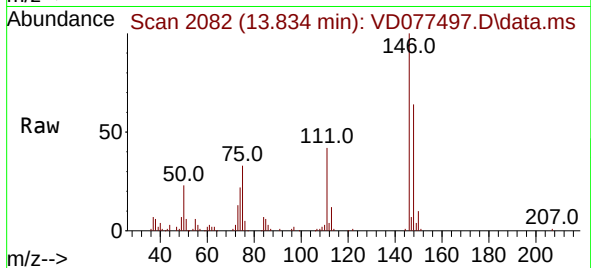
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 146   | Resp: | 97124 |
| Ion Ratio | Lower | Upper |       |
| 146       | 100   |       |       |
| 111       | 42.1  | 18.3  | 54.8  |
| 148       | 64.0  | 31.6  | 94.7  |

Manual Integrations

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Reviewed By :John Carlone 11/06/2023

Supervised By :Mahesh Dadoda 11/06/2023



#92

1,2-Dibromo-3-Chloropropane

Concen: 16.986 ug/l

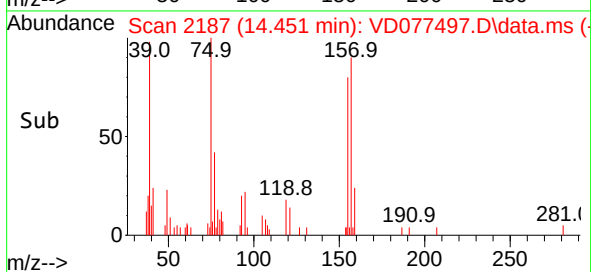
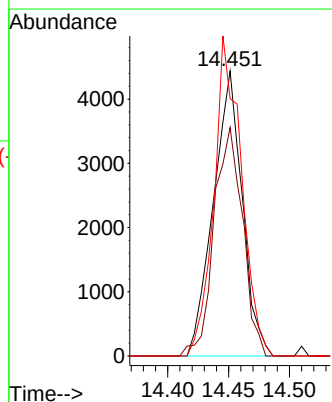
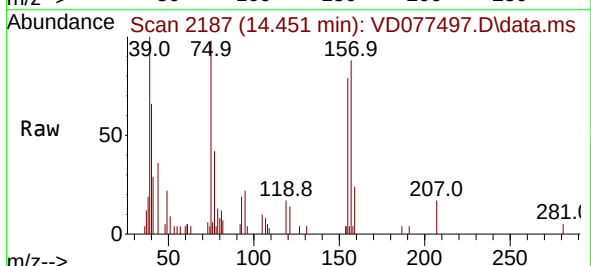
RT: 14.451 min Scan# 2187

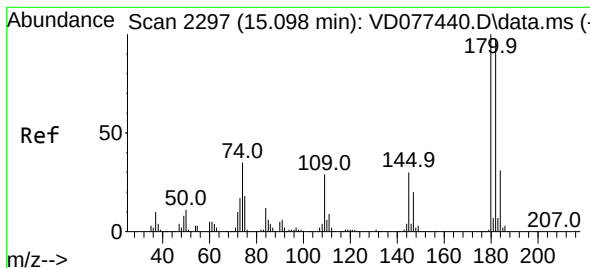
Delta R.T. 0.000 min

Lab File: VD077497.D

Acq: 03 Nov 2023 11:17

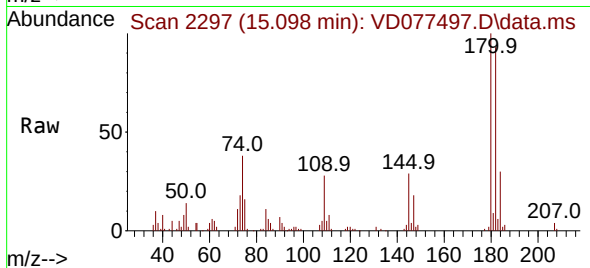
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 75    | Resp: | 7324  |
| Ion Ratio | Lower | Upper |       |
| 75        | 100   |       |       |
| 155       | 79.3  | 47.9  | 143.8 |
| 157       | 106.3 | 59.9  | 179.7 |





#93  
1,2,4-Trichlorobenzene  
Concen: 18.902 ug/l  
RT: 15.098 min Scan# 2297  
Delta R.T. 0.000 min  
Lab File: VD077497.D  
Acq: 03 Nov 2023 11:17

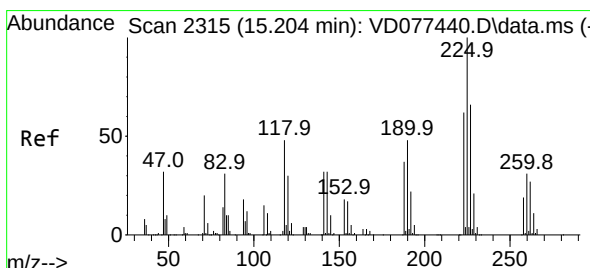
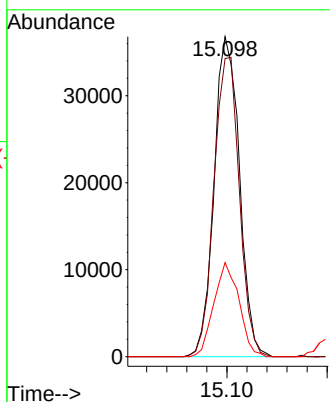
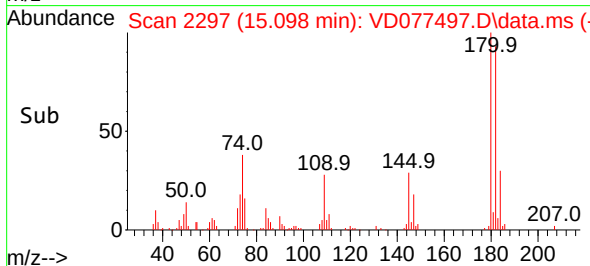
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD1103SBSD01



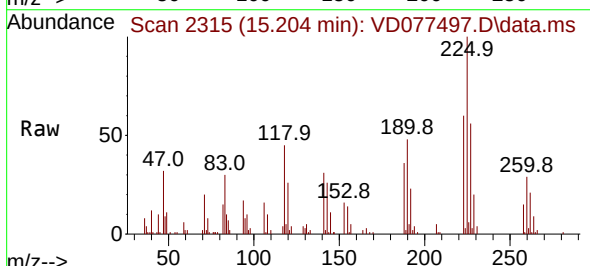
Tgt Ion:180 Resp: 64460  
Ion Ratio Lower Upper  
180 100  
182 93.8 48.5 145.6  
145 29.2 14.2 42.6

Manual Integrations  
APPROVED

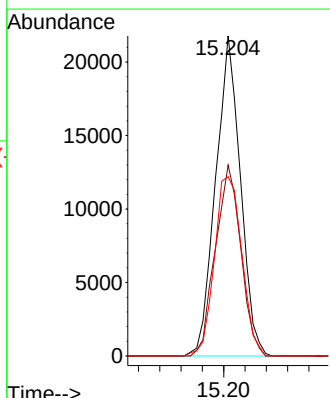
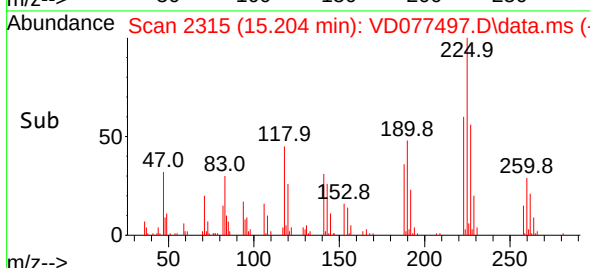
Reviewed By :John Carlone 11/06/2023  
Supervised By :Mahesh Dadoda 11/06/2023

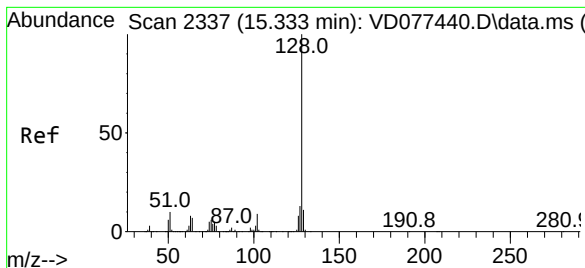


#94  
Hexachlorobutadiene  
Concen: 19.048 ug/l  
RT: 15.204 min Scan# 2315  
Delta R.T. 0.000 min  
Lab File: VD077497.D  
Acq: 03 Nov 2023 11:17



Tgt Ion:225 Resp: 35042  
Ion Ratio Lower Upper  
225 100  
223 61.3 31.6 94.8  
227 62.1 31.7 95.1





#95

Naphthalene

Concen: 18.984 ug/l

RT: 15.333 min Scan# 2337

Delta R.T. 0.000 min

Lab File: VD077497.D

Acq: 03 Nov 2023 11:17

Instrument :

MSVOA\_D

ClientSampleId :

VD1103SBS01

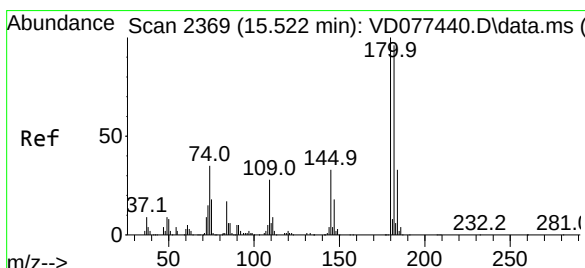
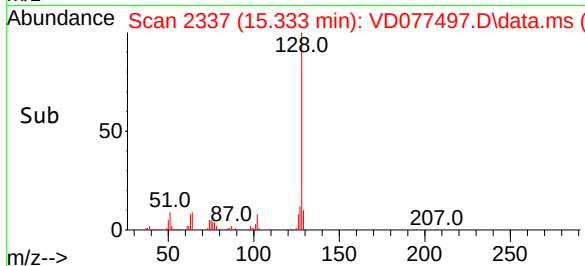
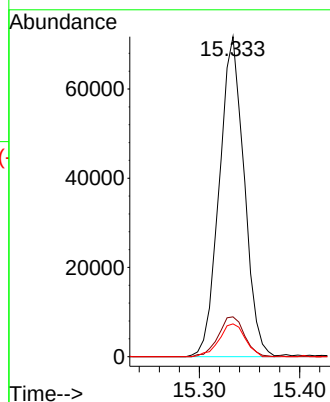
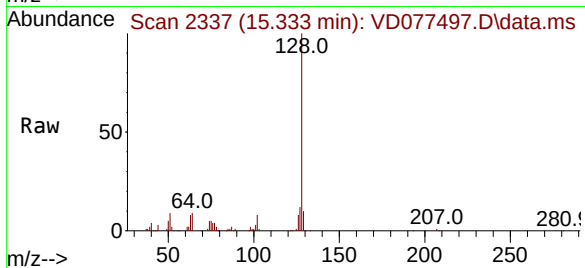
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 128   | Resp: | 12351 |
| Ion Ratio | Lower | Upper |       |
| 128       | 100   |       |       |
| 127       | 12.4  | 10.5  | 15.7  |
| 129       | 10.2  | 8.7   | 13.1  |

Manual Integrations

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Reviewed By :John Carlone 11/06/2023

Supervised By :Mahesh Dadoda 11/06/2023



#96

1,2,3-Trichlorobenzene

Concen: 18.563 ug/l

RT: 15.522 min Scan# 2369

Delta R.T. 0.000 min

Lab File: VD077497.D

Acq: 03 Nov 2023 11:17

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 180   | Resp: | 54649 |
| Ion Ratio | Lower | Upper |       |
| 180       | 100   |       |       |
| 182       | 95.0  | 47.3  | 141.9 |
| 145       | 32.3  | 15.1  | 45.3  |

