

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX072423\  
 Data File : VX036627.D  
 Acq On : 24 Jul 2023 13:20  
 Operator : JC/MD  
 Sample : 03572-09 0.2PPB  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 MDL-WATER-03-QT3-2023

Quant Time: Jul 25 07:58:49 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X072123W.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Jul 21 12:14:12 2023  
 Response via : Initial Calibration

### Manual Integrations APPROVED

Reviewed By : John Carlone 07/25/2023  
 Supervised By : Mahesh Dadoda 07/25/2023

| Compound                     | R.T.           | QIon | Response            | Conc   | Units  | Dev(Min) |
|------------------------------|----------------|------|---------------------|--------|--------|----------|
| -----                        |                |      |                     |        |        |          |
| Internal Standards           |                |      |                     |        |        |          |
| 1) Pentafluorobenzene        | 5.550          | 168  | 177479              | 50.000 | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene      | 6.763          | 114  | 307898              | 50.000 | ug/l   | 0.00     |
| 63) Chlorobenzene-d5         | 10.055         | 117  | 271857              | 50.000 | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4   | 12.024         | 152  | 124542              | 50.000 | ug/l   | 0.00     |
|                              |                |      |                     |        |        |          |
| System Monitoring Compounds  |                |      |                     |        |        |          |
| 33) 1,2-Dichloroethane-d4    | 5.958          | 65   | 131489              | 50.071 | ug/l   | 0.00     |
| Spiked Amount 50.000         | Range 78 - 117 |      | Recovery = 100.140% |        |        |          |
| 35) Dibromofluoromethane     | 5.385          | 113  | 106127              | 50.147 | ug/l   | 0.00     |
| Spiked Amount 50.000         | Range 75 - 124 |      | Recovery = 100.300% |        |        |          |
| 50) Toluene-d8               | 8.647          | 98   | 373779              | 49.804 | ug/l   | 0.00     |
| Spiked Amount 50.000         | Range 92 - 112 |      | Recovery = 99.600%  |        |        |          |
| 62) 4-Bromofluorobenzene     | 11.079         | 95   | 139205              | 49.163 | ug/l   | 0.00     |
| Spiked Amount 50.000         | Range 83 - 123 |      | Recovery = 98.320%  |        |        |          |
|                              |                |      |                     |        |        |          |
| Target Compounds             |                |      |                     |        | Qvalue |          |
| 2) Dichlorodifluoromethane   | 1.166          | 85   | 471                 | 0.201  | ug/l   | 93       |
| 3) Chloromethane             | 1.301          | 50   | 715                 | 0.335  | ug/l   | 89       |
| 4) Vinyl Chloride            | 1.374          | 62   | 435                 | 0.200  | ug/l # | 87       |
| 5) Bromomethane              | 1.618          | 94   | 692                 | 0.534  | ug/l   | 93       |
| 6) Chloroethane              | 1.691          | 64   | 402m                | 0.381  | ug/l   |          |
| 7) Trichlorofluoromethane    | 1.892          | 101  | 743                 | 0.222  | ug/l   | 96       |
| 8) Diethyl Ether             | 2.136          | 74   | 357                 | 0.275  | ug/l   | 99       |
| 9) 1,1,2-Trichlorotrifluo... | 2.337          | 101  | 543                 | 0.270  | ug/l # | 83       |
| 10) Methyl Iodide            | 2.453          | 142  | 500                 | 0.239  | ug/l # | 69       |
| 11) Tert butyl alcohol       | 2.995          | 59   | 912                 | 1.467  | ug/l # | 77       |
| 12) 1,1-Dichloroethene       | 2.319          | 96   | 594                 | 0.299  | ug/l # | 57       |
| 13) Acrolein                 | 2.239          | 56   | 656                 | 1.849  | ug/l # | 14       |
| 14) Allyl chloride           | 2.666          | 41   | 941                 | 0.240  | ug/l   | 98       |
| 15) Acrylonitrile            | 3.075          | 53   | 1348                | 1.078  | ug/l   | 98       |
| 16) Acetone                  | 2.392          | 43   | 1869                | 1.715  | ug/l # | 74       |
| 17) Carbon Disulfide         | 2.514          | 76   | 2171                | 0.396  | ug/l   | 96       |
| 18) Methyl Acetate           | 2.709          | 43   | 1162                | 0.253  | ug/l   | 100      |
| 19) Methyl tert-butyl Ether  | 3.117          | 73   | 1731                | 0.232  | ug/l # | 80       |
| 20) Methylene Chloride       | 2.794          | 84   | 992                 | 0.409  | ug/l # | 75       |
| 21) trans-1,2-Dichloroethene | 3.099          | 96   | 629                 | 0.283  | ug/l # | 60       |
| 22) Diisopropyl ether        | 3.763          | 45   | 1752                | 0.236  | ug/l # | 79       |
| 23) Vinyl Acetate            | 3.727          | 43   | 5840                | 1.025  | ug/l   | 99       |
| 24) 1,1-Dichloroethane       | 3.617          | 63   | 842                 | 0.202  | ug/l # | 83       |
| 25) 2-Butanone               | 4.580          | 43   | 2617                | 1.480  | ug/l   | 97       |
| 26) 2,2-Dichloropropane      | 4.477          | 77   | 943                 | 0.240  | ug/l   | 93       |
| 27) cis-1,2-Dichloroethene   | 4.489          | 96   | 682                 | 0.259  | ug/l   | 82       |
| 28) Bromochloromethane       | 4.904          | 49   | 354                 | 0.176  | ug/l # | 87       |
| 29) Tetrahydrofuran          | 5.032          | 42   | 1909                | 1.675  | ug/l # | 76       |
| 30) Chloroform               | 5.093          | 83   | 1124                | 0.264  | ug/l # | 79       |
| 31) Cyclohexane              | 5.464          | 56   | 904                 | 0.249  | ug/l   | 87       |
| 32) 1,1,1-Trichloroethane    | 5.391          | 97   | 835                 | 0.214  | ug/l # | 45       |
| 36) 1,1-Dichloropropene      | 5.690          | 75   | 751m                | 0.238  | ug/l   |          |
| 37) Ethyl Acetate            | 4.715          | 43   | 969m                | 0.271  | ug/l   |          |
| 38) Carbon Tetrachloride     | 5.666          | 117  | 735                 | 0.219  | ug/l # | 66       |
| 39) Methylcyclohexane        | 7.385          | 83   | 1021                | 0.260  | ug/l   | 94       |
| 40) Benzene                  | 6.050          | 78   | 1927                | 0.210  | ug/l   | 94       |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX072423\  
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 Acq On : 24 Jul 2023 13:20  
 Operator : JC/MD  
 Sample : 03572-09 0.2PPB  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 MDL-WATER-03-QT3-2023

Quant Time: Jul 25 07:58:49 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X072123W.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Jul 21 12:14:12 2023  
 Response via : Initial Calibration

Manual Integrations  
 APPROVED

Reviewed By : John Carlone 07/25/2023  
 Supervised By : Mahesh Dadoda 07/25/2023

| Compound                      | R.T.   | QIon | Response | Conc  | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|-------|--------|----------|
| 41) Methacrylonitrile         | 4.910  | 41   | 360m     | 0.189 | ug/l   |          |
| 42) 1,2-Dichloroethane        | 6.092  | 62   | 1010     | 0.301 | ug/l   | 83       |
| 43) Isopropyl Acetate         | 6.348  | 43   | 1423     | 0.232 | ug/l # | 87       |
| 44) Trichloroethene           | 7.129  | 130  | 520      | 0.217 | ug/l   | 67       |
| 45) 1,2-Dichloropropane       | 7.427  | 63   | 510      | 0.208 | ug/l # | 80       |
| 46) Dibromomethane            | 7.592  | 93   | 341      | 0.199 | ug/l # | 73       |
| 47) Bromodichloromethane      | 7.824  | 83   | 806      | 0.229 | ug/l # | 86       |
| 48) Methyl methacrylate       | 7.708  | 41   | 696      | 0.244 | ug/l # | 82       |
| 49) 1,4-Dioxane               | 7.720  | 88   | 149      | 2.581 | ug/l # | 33       |
| 51) 4-Methyl-2-Pentanone      | 8.574  | 43   | 3632     | 1.068 | ug/l   | 94       |
| 52) Toluene                   | 8.726  | 92   | 1313     | 0.228 | ug/l   | 95       |
| 53) t-1,3-Dichloropropene     | 8.982  | 75   | 838      | 0.211 | ug/l # | 57       |
| 54) cis-1,3-Dichloropropene   | 8.366  | 75   | 766      | 0.182 | ug/l # | 84       |
| 55) 1,1,2-Trichloroethane     | 9.153  | 97   | 537      | 0.222 | ug/l   | 94       |
| 56) Ethyl methacrylate        | 9.122  | 69   | 899      | 0.228 | ug/l   | 94       |
| 57) 1,3-Dichloropropane       | 9.317  | 76   | 829      | 0.206 | ug/l   | 90       |
| 58) 2-Chloroethyl Vinyl ether | 8.250  | 63   | 2901     | 1.496 | ug/l   | 99       |
| 59) 2-Hexanone                | 9.433  | 43   | 2704     | 1.071 | ug/l   | 98       |
| 60) Dibromochloromethane      | 9.525  | 129  | 531      | 0.200 | ug/l   | 97       |
| 61) 1,2-Dibromoethane         | 9.616  | 107  | 501      | 0.200 | ug/l   | 96       |
| 64) Tetrachloroethene         | 9.275  | 164  | 486      | 0.240 | ug/l # | 70       |
| 65) Chlorobenzene             | 10.079 | 112  | 1407     | 0.235 | ug/l # | 88       |
| 66) 1,1,1,2-Tetrachloroethane | 10.165 | 131  | 512      | 0.221 | ug/l # | 65       |
| 67) Ethyl Benzene             | 10.201 | 91   | 2359     | 0.215 | ug/l   | 95       |
| 68) m/p-Xylenes               | 10.305 | 106  | 1762     | 0.431 | ug/l   | 95       |
| 69) o-Xylene                  | 10.640 | 106  | 892      | 0.219 | ug/l   | 99       |
| 70) Styrene                   | 10.659 | 104  | 1420     | 0.211 | ug/l   | 94       |
| 71) Bromoform                 | 10.799 | 173  | 339      | 0.181 | ug/l # | 29       |
| 73) Isopropylbenzene          | 10.963 | 105  | 2310     | 0.224 | ug/l   | 97       |
| 74) N-amyl acetate            | 10.841 | 43   | 1248     | 0.260 | ug/l # | 75       |
| 75) 1,1,2,2-Tetrachloroethane | 11.213 | 83   | 846      | 0.243 | ug/l # | 88       |
| 76) 1,2,3-Trichloropropane    | 11.244 | 75   | 764m     | 0.261 | ug/l   |          |
| 77) Bromobenzene              | 11.201 | 156  | 456      | 0.194 | ug/l   | 67       |
| 78) n-propylbenzene           | 11.305 | 91   | 2764     | 0.232 | ug/l   | 93       |
| 79) 2-Chlorotoluene           | 11.366 | 91   | 1740     | 0.241 | ug/l   | 92       |
| 80) 1,3,5-Trimethylbenzene    | 11.451 | 105  | 1875     | 0.217 | ug/l   | 90       |
| 82) 4-Chlorotoluene           | 11.457 | 91   | 1991     | 0.242 | ug/l   | 98       |
| 83) tert-Butylbenzene         | 11.713 | 119  | 1936     | 0.229 | ug/l   | 97       |
| 84) 1,2,4-Trimethylbenzene    | 11.750 | 105  | 1814     | 0.210 | ug/l   | 85       |
| 85) sec-Butylbenzene          | 11.890 | 105  | 2272     | 0.215 | ug/l   | 100      |
| 86) p-Isopropyltoluene        | 12.006 | 119  | 1832     | 0.211 | ug/l # | 71       |
| 87) 1,3-Dichlorobenzene       | 11.969 | 146  | 1179     | 0.271 | ug/l   | 90       |
| 88) 1,4-Dichlorobenzene       | 11.969 | 146  | 1179     | 0.273 | ug/l   | 91       |
| 89) n-Butylbenzene            | 12.335 | 91   | 1696     | 0.218 | ug/l   | 97       |
| 90) Hexachloroethane          | 12.536 | 117  | 363      | 0.206 | ug/l   | 94       |
| 91) 1,2-Dichlorobenzene       | 12.335 | 146  | 926      | 0.221 | ug/l   | 100      |
| 92) 1,2-Dibromo-3-Chloropr... | 12.945 | 75   | 146      | 0.180 | ug/l   | 95       |
| 93) 1,2,4-Trichlorobenzene    | 13.585 | 180  | 649      | 0.251 | ug/l   | 89       |
| 94) Hexachlorobutadiene       | 13.719 | 225  | 243      | 0.227 | ug/l   | 89       |
| 95) Naphthalene               | 13.780 | 128  | 2324     | 0.258 | ug/l # | 94       |
| 96) 1,2,3-Trichlorobenzene    | 13.963 | 180  | 640      | 0.251 | ug/l   | 92       |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX072423\  
Data File : VX036627.D  
Acq On : 24 Jul 2023 13:20  
Operator : JC/MD  
Sample : 03572-09 0.2PPB  
Misc : 5.0mL/MSVOA\_X/WATER  
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Jul 25 07:58:49 2023  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X072123W.M  
Quant Title : SW846 8260  
QLast Update : Fri Jul 21 12:14:12 2023  
Response via : Initial Calibration

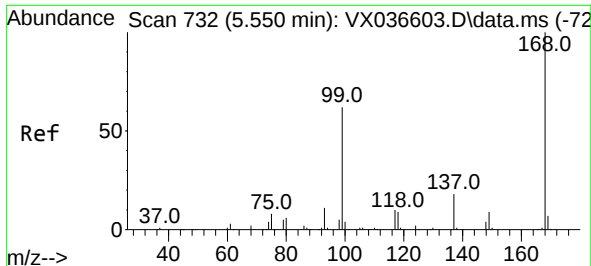
Instrument :  
MSVOA\_X  
ClientSampleId :  
MDL-WATER-03-QT3-2023

Manual Integrations  
APPROVED

Reviewed By :John Carlone 07/25/2023  
Supervised By :Mahesh Dadoda 07/25/2023

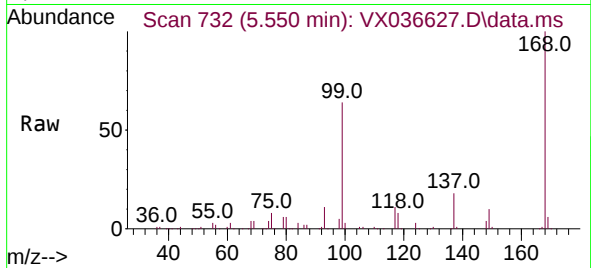
| Compound                                                             | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------------------------------------------------|------|------|----------|------|-------|----------|
| -----                                                                |      |      |          |      |       |          |
| (#)=qualifier out of range (m)=manual integration (+)=signals summed |      |      |          |      |       |          |





#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.550 min Scan# 71  
Delta R.T. -0.000 min  
Lab File: VX036627.D  
Acq: 24 Jul 2023 13:20

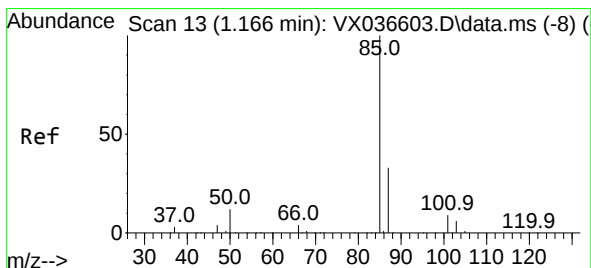
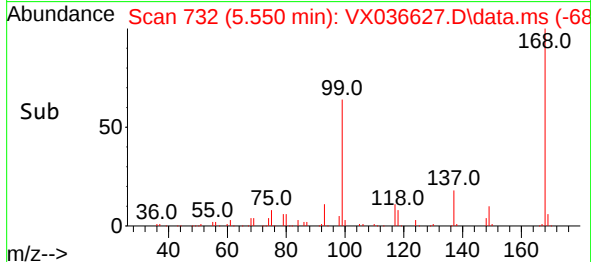
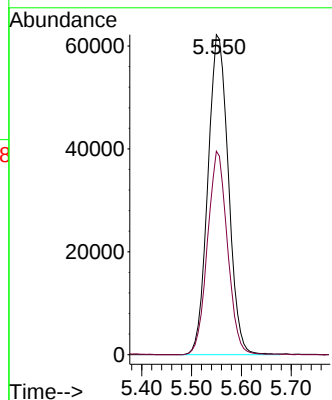
Instrument :  
MSVOA\_X  
ClientSampleId :  
MDL-WATER-03-QT3-2023



Tgt Ion:168 Resp: 177479  
Ion Ratio Lower Upper  
168 100  
99 63.6 56.6 85.0

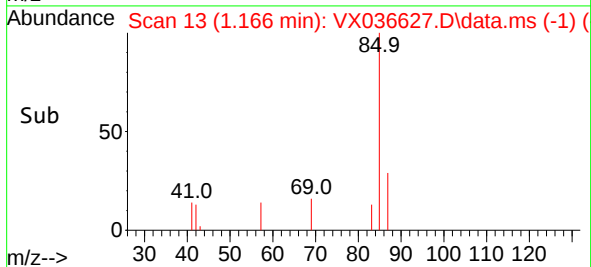
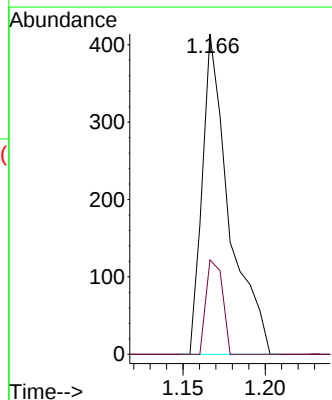
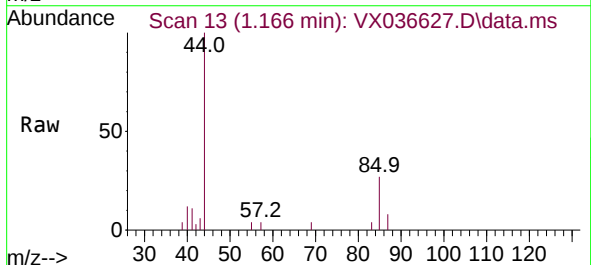
Manual Integrations  
APPROVED

Reviewed By :John Carlone 07/25/2023  
Supervised By :Mahesh Dadoda 07/25/2023



#2  
Dichlorodifluoromethane  
Concen: 0.201 ug/l  
RT: 1.166 min Scan# 13  
Delta R.T. 0.000 min  
Lab File: VX036627.D  
Acq: 24 Jul 2023 13:20

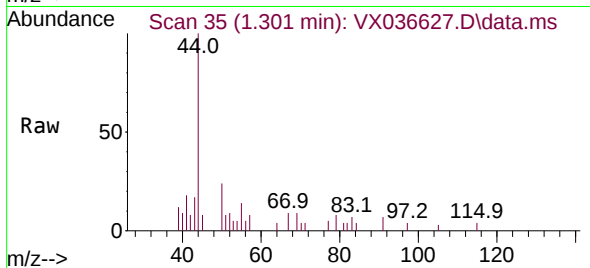
Tgt Ion: 85 Resp: 471  
Ion Ratio Lower Upper  
85 100  
87 29.5 16.7 50.1





#3  
Chloromethane  
Concen: 0.335 ug/l  
RT: 1.301 min Scan# 34  
Delta R.T. 0.006 min  
Lab File: VX036627.D  
Acq: 24 Jul 2023 13:20

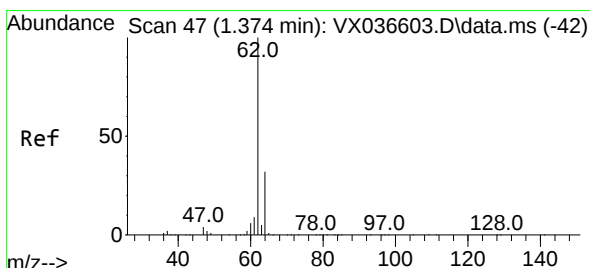
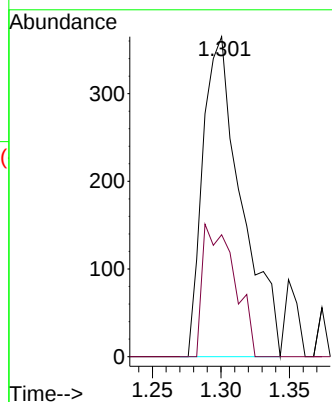
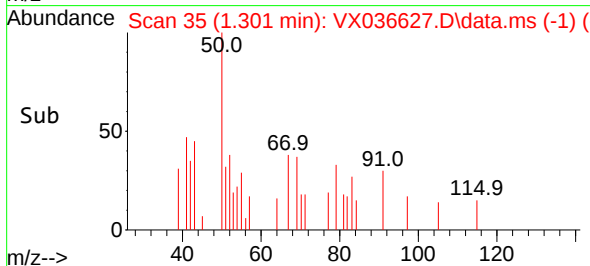
Instrument :  
MSVOA\_X  
ClientSampleId :  
MDL-WATER-03-QT3-2023



Tgt Ion: 50 Resp: 71  
Ion Ratio Lower Upper  
50 100  
52 38.1 25.5 38.3

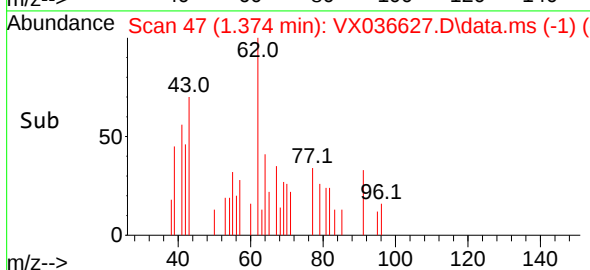
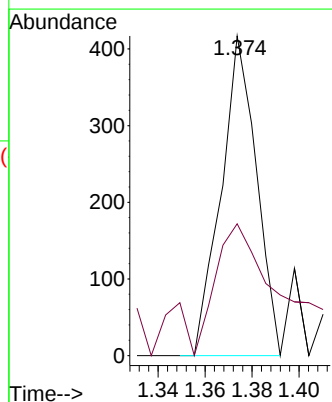
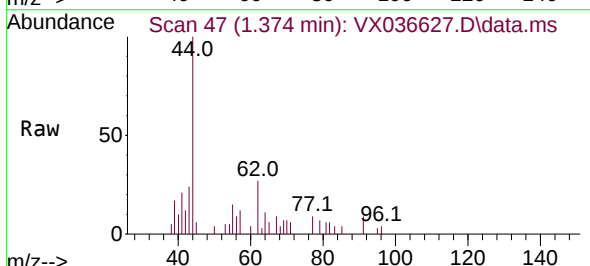
Manual Integrations  
APPROVED

Reviewed By :John Carlone 07/25/2023  
Supervised By :Mahesh Dadoda 07/25/2023



#4  
Vinyl Chloride  
Concen: 0.200 ug/l  
RT: 1.374 min Scan# 47  
Delta R.T. 0.000 min  
Lab File: VX036627.D  
Acq: 24 Jul 2023 13:20

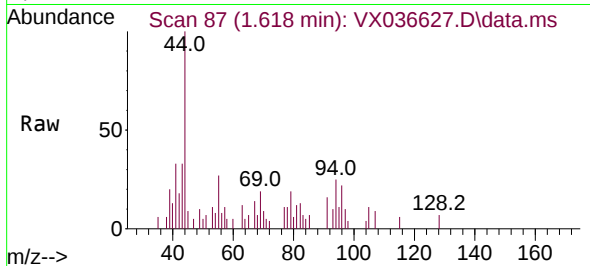
Tgt Ion: 62 Resp: 435  
Ion Ratio Lower Upper  
62 100  
64 24.7 25.4 38.0#





#5  
Bromomethane  
Concen: 0.534 ug/l  
RT: 1.618 min Scan# 81  
Delta R.T. 0.000 min  
Lab File: VX036627.D  
Acq: 24 Jul 2023 13:20

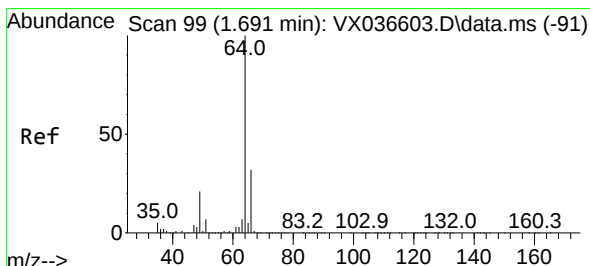
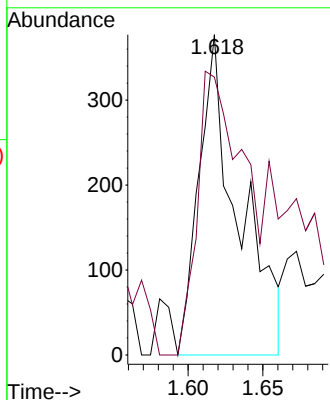
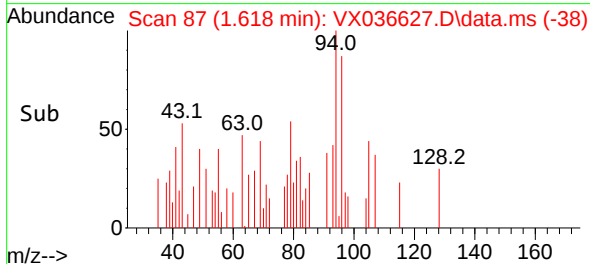
Instrument :  
MSVOA\_X  
ClientSampleId :  
MDL-WATER-03-QT3-2023



Tgt Ion: 94 Resp: 692  
Ion Ratio Lower Upper  
94 100  
96 86.7 74.6 111.8

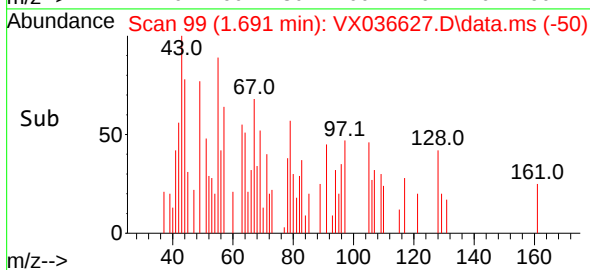
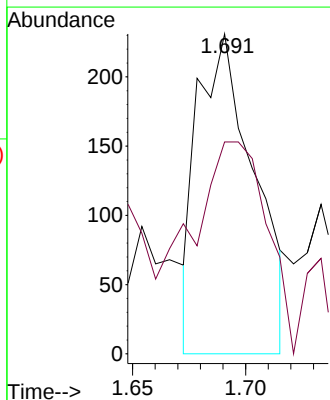
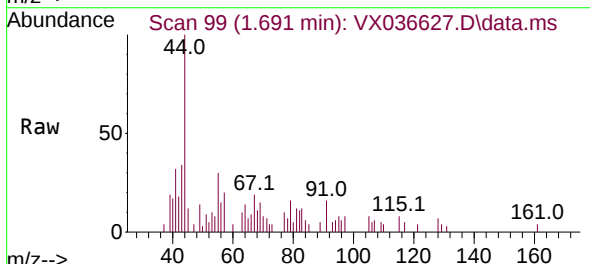
Manual Integrations  
APPROVED

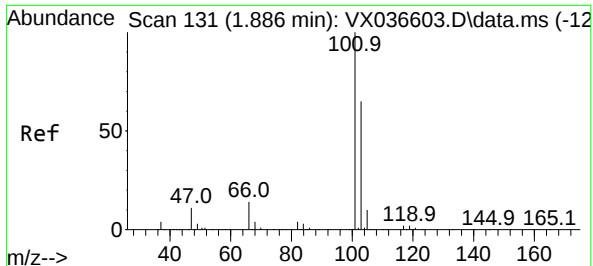
Reviewed By :John Carlone 07/25/2023  
Supervised By :Mahesh Dadoda 07/25/2023



#6  
Chloroethane  
Concen: 0.381 ug/l m  
RT: 1.691 min Scan# 99  
Delta R.T. 0.000 min  
Lab File: VX036627.D  
Acq: 24 Jul 2023 13:20

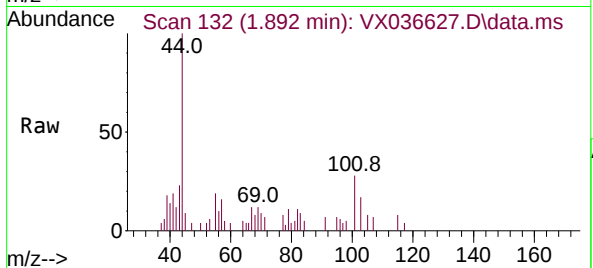
Tgt Ion: 64 Resp: 402  
Ion Ratio Lower Upper  
64 100  
66 66.2 25.1 37.7#





#7  
 Trichlorofluoromethane  
 Concen: 0.222 ug/l  
 RT: 1.892 min Scan# 11  
 Delta R.T. 0.006 min  
 Lab File: VX036627.D  
 Acq: 24 Jul 2023 13:20

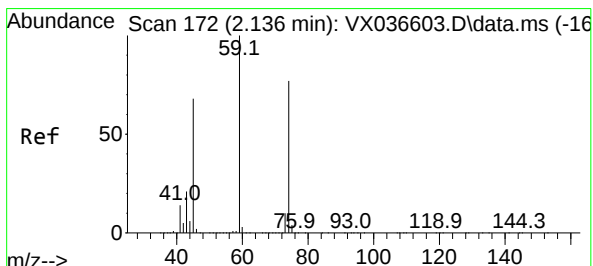
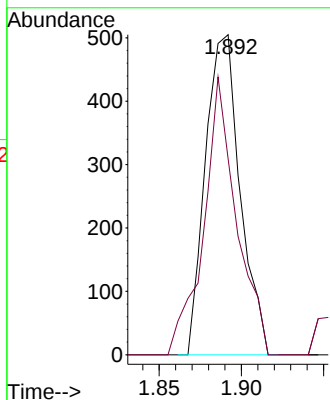
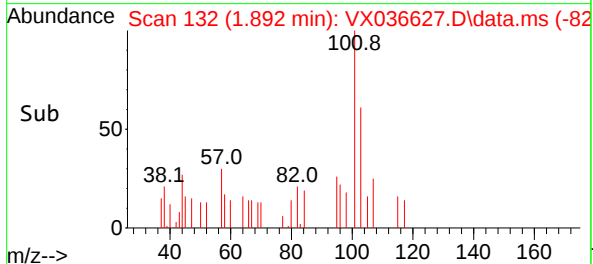
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 MDL-WATER-03-QT3-2023



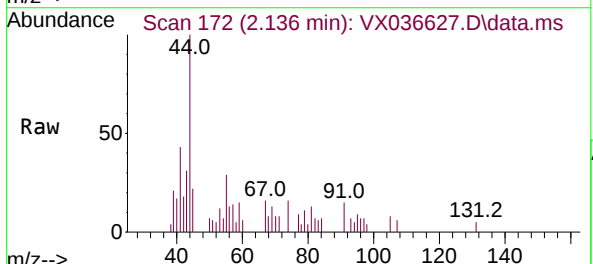
Tgt Ion: 101 Resp: 74  
 Ion Ratio Lower Upper  
 101 100  
 103 61.2 51.4 77.2

Manual Integrations  
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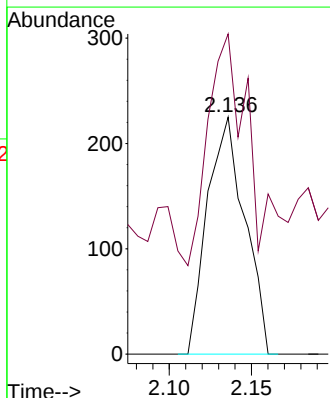
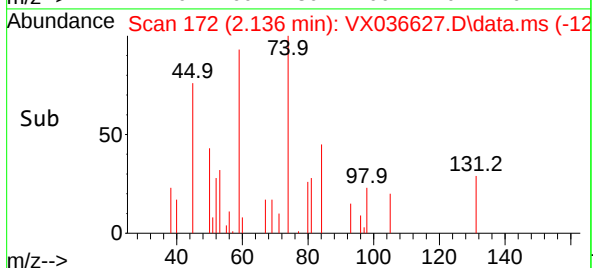
Reviewed By : John Carlone 07/25/2023  
 Supervised By : Mahesh Dadoda 07/25/2023

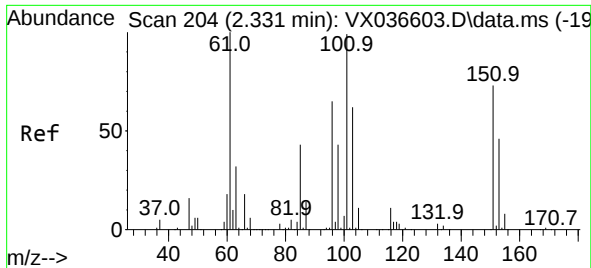


#8  
 Diethyl Ether  
 Concen: 0.275 ug/l  
 RT: 2.136 min Scan# 172  
 Delta R.T. 0.000 min  
 Lab File: VX036627.D  
 Acq: 24 Jul 2023 13:20



Tgt Ion: 74 Resp: 357  
 Ion Ratio Lower Upper  
 74 100  
 45 105.3 53.3 159.8





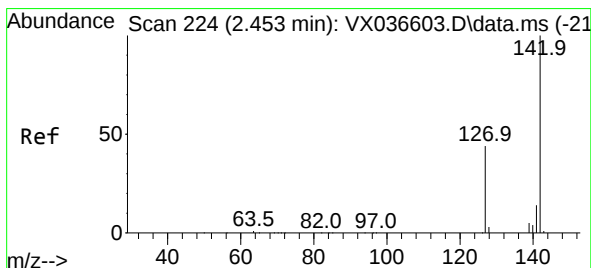
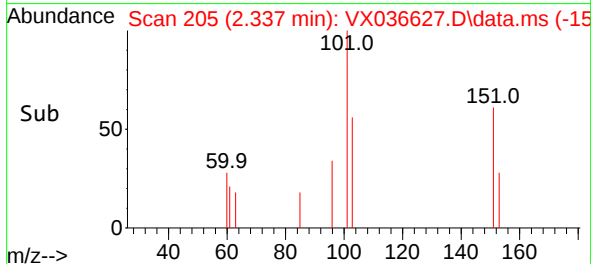
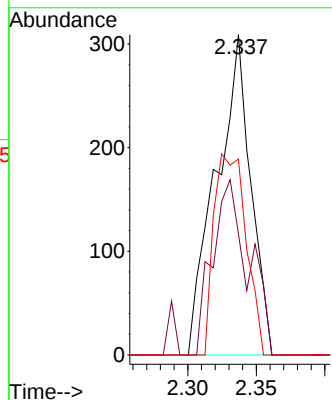
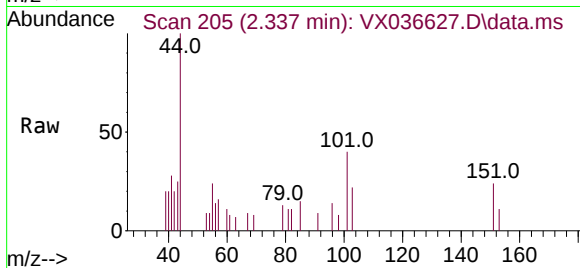
#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 0.270 ug/l  
RT: 2.337 min Scan# 204  
Delta R.T. 0.006 min  
Lab File: VX036627.D  
Acq: 24 Jul 2023 13:20

Instrument :  
MSVOA\_X  
ClientSampleId :  
MDL-WATER-03-QT3-2023

Tgt Ion:101 Resp: 543  
Ion Ratio Lower Upper  
101 100  
85 56.9 37.0 55.6  
151 58.2 58.6 87.8

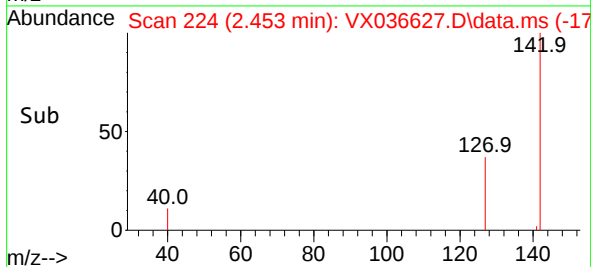
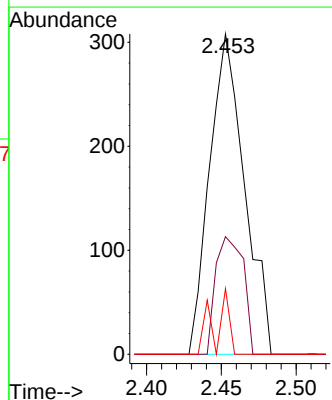
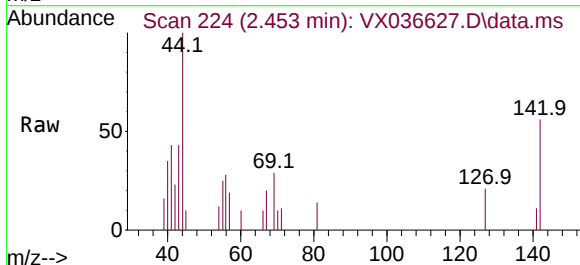
Manual Integrations  
APPROVED

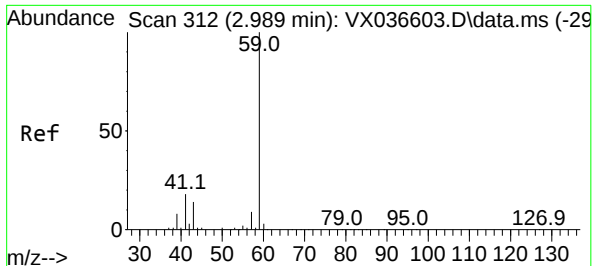
Reviewed By :John Carlone 07/25/2023  
Supervised By :Mahesh Dadoda 07/25/2023



#10  
Methyl Iodide  
Concen: 0.239 ug/l  
RT: 2.453 min Scan# 224  
Delta R.T. 0.000 min  
Lab File: VX036627.D  
Acq: 24 Jul 2023 13:20

Tgt Ion:142 Resp: 500  
Ion Ratio Lower Upper  
142 100  
127 29.0 41.6 62.4#  
141 3.8 11.6 17.4#





#11

Tert butyl alcohol

Concen: 1.467 ug/l

RT: 2.995 min Scan# 312

Delta R.T. 0.006 min

Lab File: VX036627.D

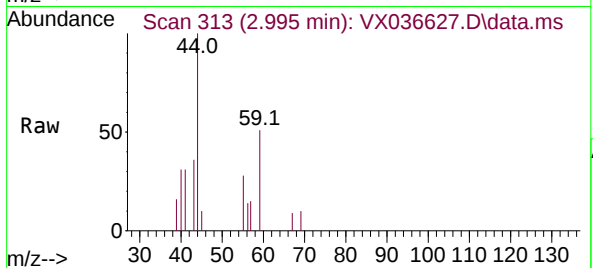
Acq: 24 Jul 2023 13:20

Instrument :

MSVOA\_X

ClientSampleId :

MDL-WATER-03-QT3-2023



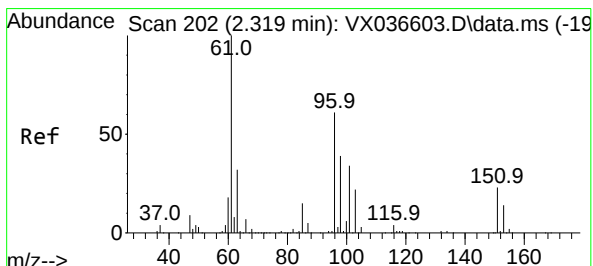
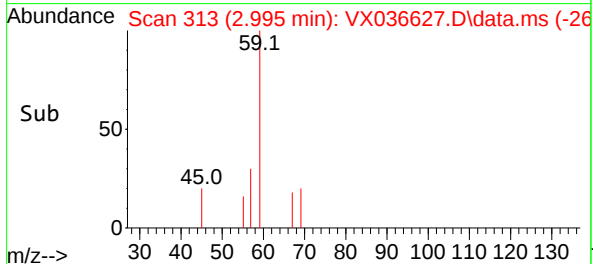
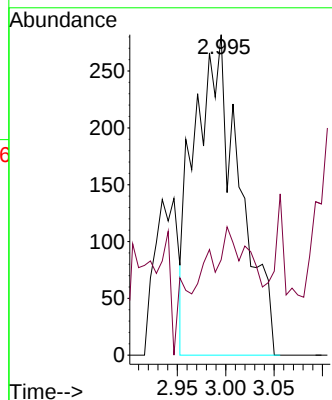
|           |       |       |     |
|-----------|-------|-------|-----|
| Tgt Ion:  | 59    | Resp: | 912 |
| Ion Ratio | Lower | Upper |     |
| 59        | 100   |       |     |
| 57        | 15.7  | 6.0   | 9.0 |

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/25/2023

Supervised By :Mahesh Dadoda 07/25/2023



#12

1,1-Dichloroethene

Concen: 0.299 ug/l

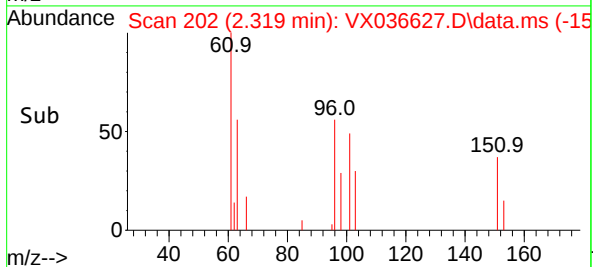
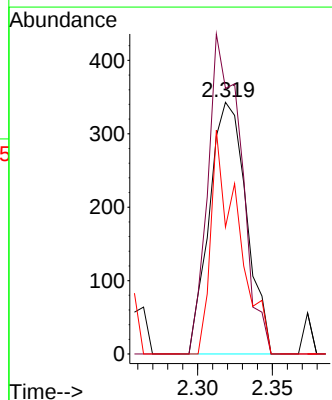
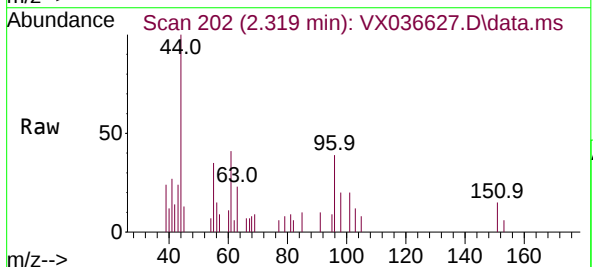
RT: 2.319 min Scan# 202

Delta R.T. 0.000 min

Lab File: VX036627.D

Acq: 24 Jul 2023 13:20

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 96    | Resp: | 594   |
| Ion Ratio | Lower | Upper |       |
| 96        | 100   |       |       |
| 61        | 105.5 | 144.6 | 216.8 |
| 98        | 50.4  | 50.4  | 75.6  |





#13

Acrolein

Concen: 1.849 ug/l

RT: 2.239 min Scan# 189

Delta R.T. 0.000 min

Lab File: VX036627.D

Acq: 24 Jul 2023 13:20

Instrument :

MSVOA\_X

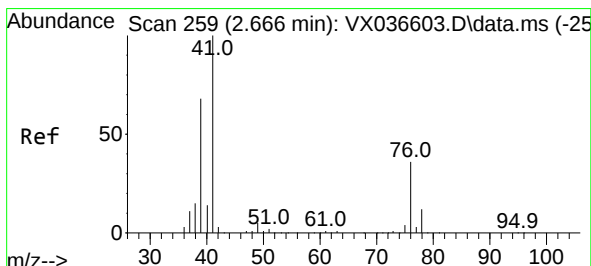
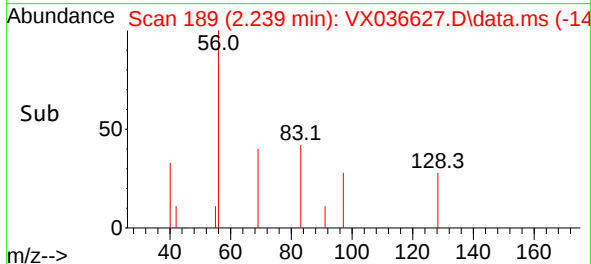
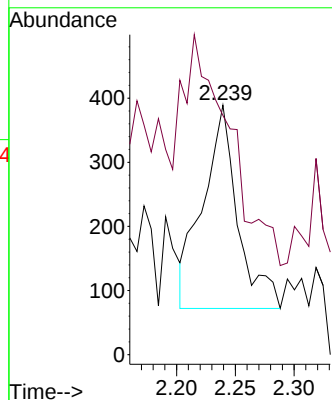
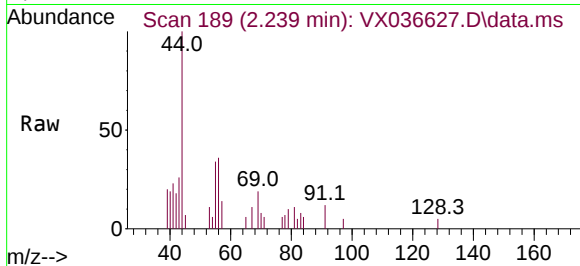
ClientSampleId :

MDL-WATER-03-QT3-2023

Tgt Ion: 56 Resp: 650  
 Ion Ratio Lower Upper  
 56 100  
 55 0.0 57.1 85.7

Manual Integrations  
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Reviewed By :John Carlone 07/25/2023  
 Supervised By :Mahesh Dadoda 07/25/2023



#14

Allyl chloride

Concen: 0.240 ug/l

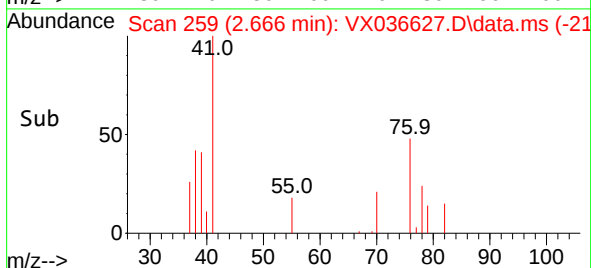
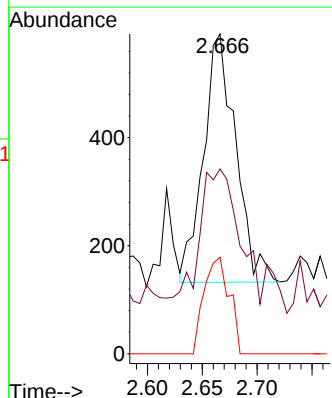
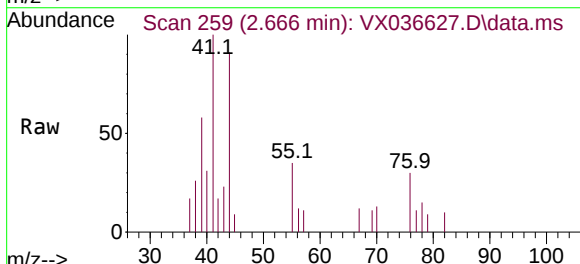
RT: 2.666 min Scan# 259

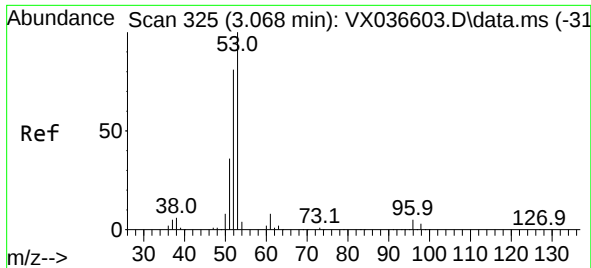
Delta R.T. 0.000 min

Lab File: VX036627.D

Acq: 24 Jul 2023 13:20

Tgt Ion: 41 Resp: 941  
 Ion Ratio Lower Upper  
 41 100  
 39 67.4 55.8 83.6  
 76 30.4 24.3 36.5





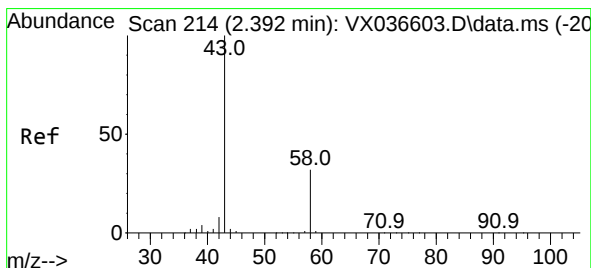
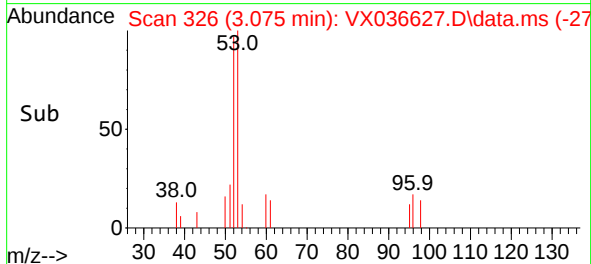
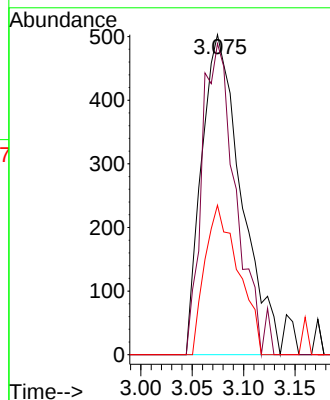
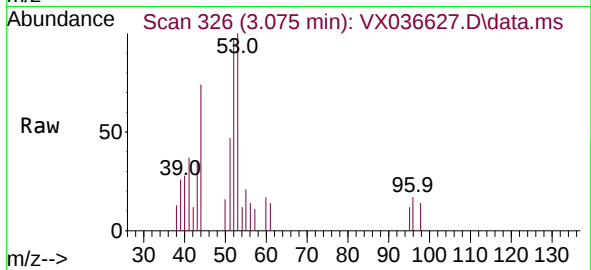
#15  
Acrylonitrile  
Concen: 1.078 ug/l  
RT: 3.075 min Scan# 31  
Delta R.T. 0.006 min  
Lab File: VX036627.D  
Acq: 24 Jul 2023 13:20

Instrument :  
MSVOA\_X  
ClientSampleId :  
MDL-WATER-03-QT3-2023

Tgt Ion: 53 Resp: 1348  
Ion Ratio Lower Upper  
53 100  
52 83.7 66.0 99.0  
51 39.6 29.8 44.6

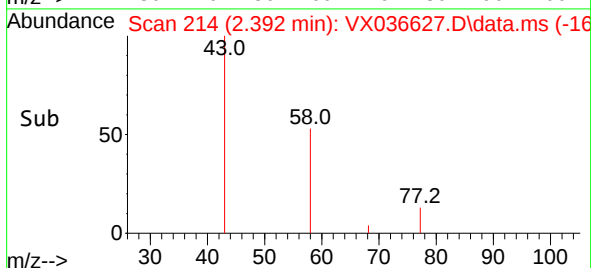
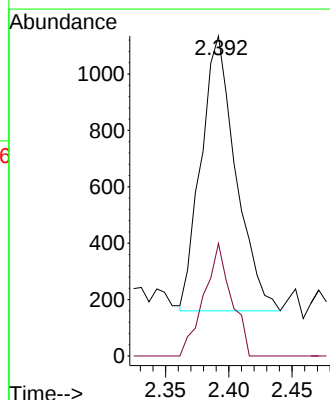
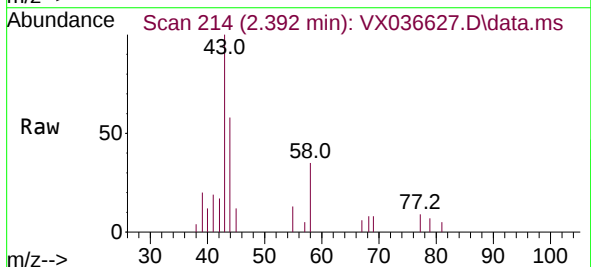
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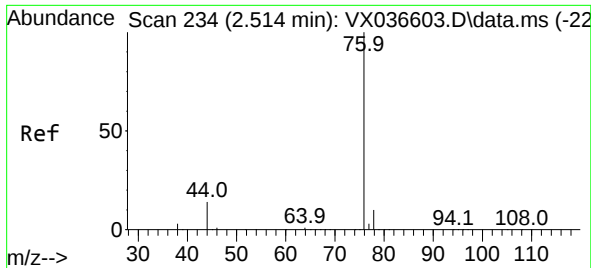
Reviewed By :John Carlone 07/25/2023  
Supervised By :Mahesh Dadoda 07/25/2023



#16  
Acetone  
Concen: 1.715 ug/l  
RT: 2.392 min Scan# 214  
Delta R.T. 0.000 min  
Lab File: VX036627.D  
Acq: 24 Jul 2023 13:20

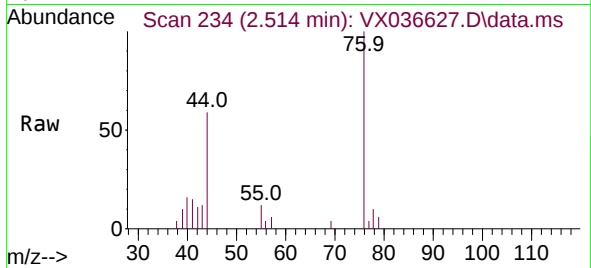
Tgt Ion: 43 Resp: 1869  
Ion Ratio Lower Upper  
43 100  
58 40.9 21.9 32.9#





#17  
Carbon Disulfide  
Concen: 0.396 ug/l  
RT: 2.514 min Scan# 217  
Delta R.T. 0.000 min  
Lab File: VX036627.D  
Acq: 24 Jul 2023 13:20

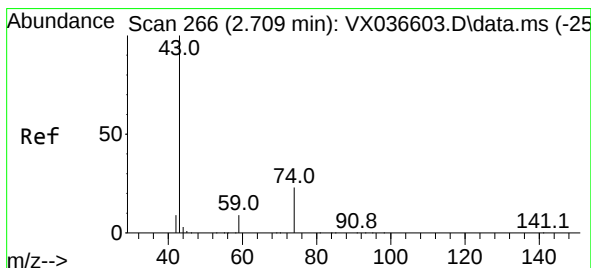
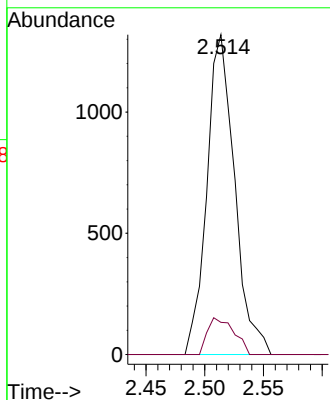
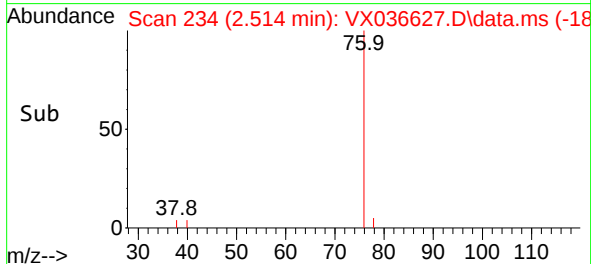
Instrument :  
MSVOA\_X  
ClientSampleId :  
MDL-WATER-03-QT3-2023



Tgt Ion: 76 Resp: 217  
Ion Ratio Lower Upper  
76 100  
78 10.1 7.0 10.6

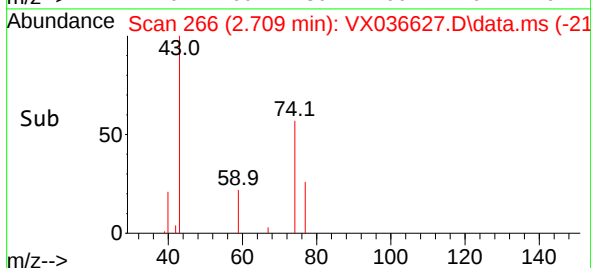
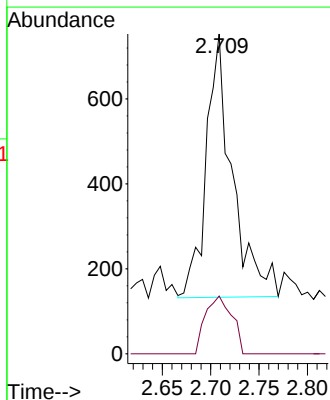
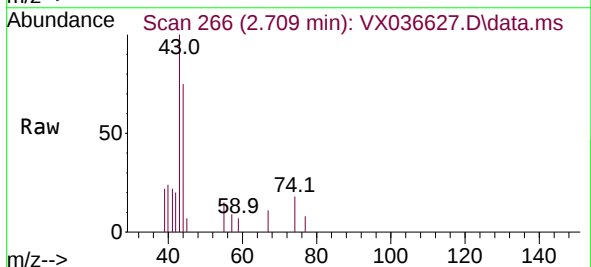
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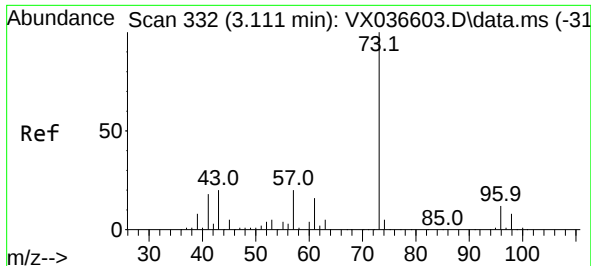
Reviewed By :John Carlone 07/25/2023  
Supervised By :Mahesh Dadoda 07/25/2023



#18  
Methyl Acetate  
Concen: 0.253 ug/l  
RT: 2.709 min Scan# 266  
Delta R.T. 0.000 min  
Lab File: VX036627.D  
Acq: 24 Jul 2023 13:20

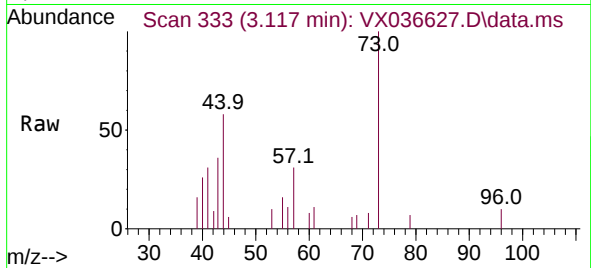
Tgt Ion: 43 Resp: 1162  
Ion Ratio Lower Upper  
43 100  
74 22.3 17.8 26.8





#19  
Methyl tert-butyl Ether  
Concen: 0.232 ug/l  
RT: 3.117 min Scan# 311  
Delta R.T. 0.006 min  
Lab File: VX036627.D  
Acq: 24 Jul 2023 13:20

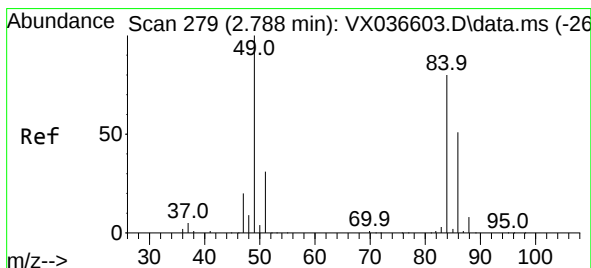
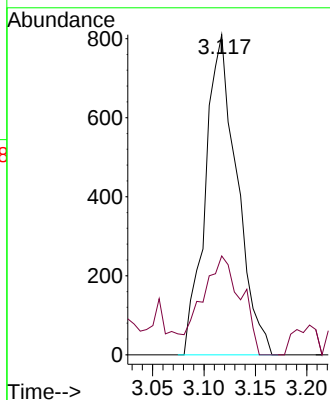
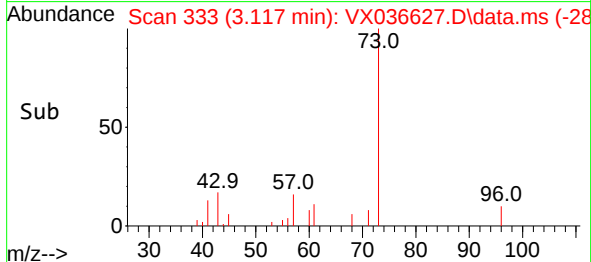
Instrument :  
MSVOA\_X  
ClientSampleId :  
MDL-WATER-03-QT3-2023



Tgt Ion: 73 Resp: 173  
Ion Ratio Lower Upper  
73 100  
57 30.9 17.3 25.9

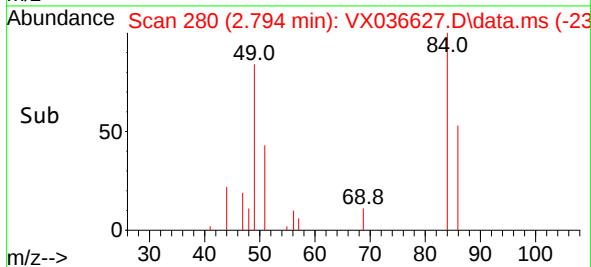
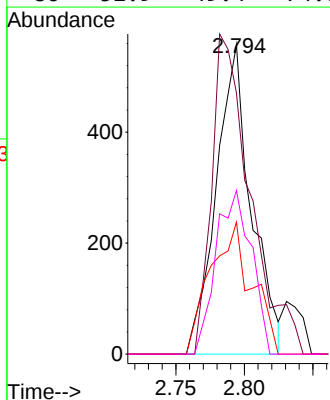
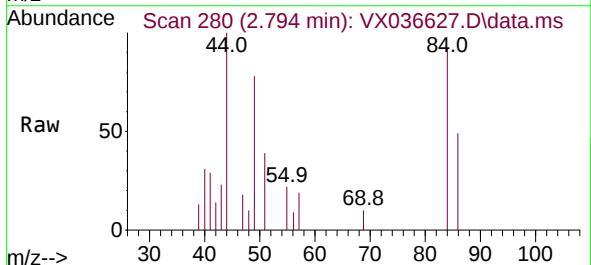
Manual Integrations  
APPROVED

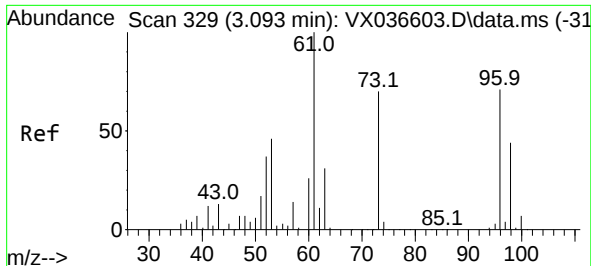
Reviewed By :John Carlone 07/25/2023  
Supervised By :Mahesh Dadoda 07/25/2023



#20  
Methylene Chloride  
Concen: 0.409 ug/l  
RT: 2.794 min Scan# 280  
Delta R.T. 0.006 min  
Lab File: VX036627.D  
Acq: 24 Jul 2023 13:20

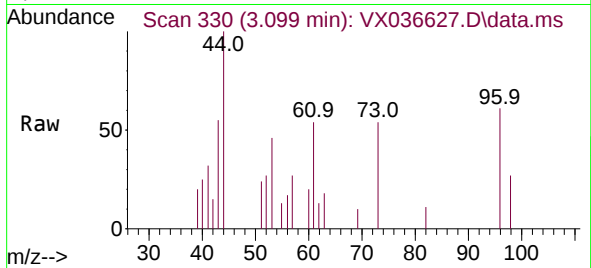
Tgt Ion: 84 Resp: 992  
Ion Ratio Lower Upper  
84 100  
49 84.4 103.6 155.4#  
51 42.7 33.8 50.6  
86 52.9 49.4 74.0





#21  
trans-1,2-Dichloroethene  
Concen: 0.283 ug/l  
RT: 3.099 min Scan# 329  
Delta R.T. 0.006 min  
Lab File: VX036627.D  
Acq: 24 Jul 2023 13:20

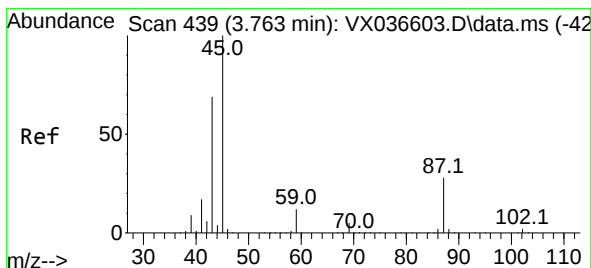
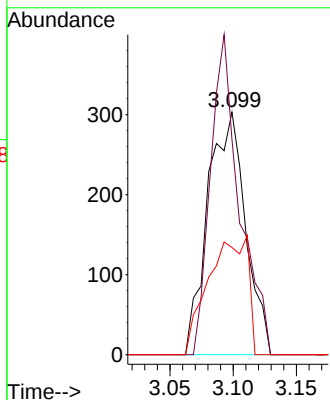
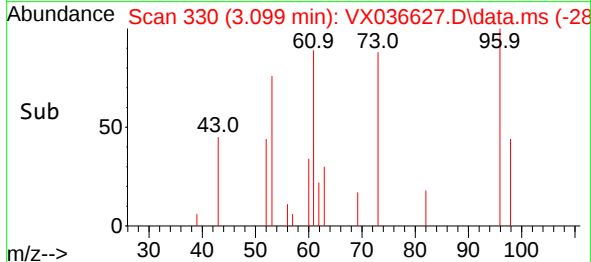
Instrument :  
MSVOA\_X  
ClientSampleId :  
MDL-WATER-03-QT3-2023



Tgt Ion: 96 Resp: 629  
Ion Ratio Lower Upper  
96 100  
61 88.8 119.2 178.8#  
98 44.2 48.7 73.1#

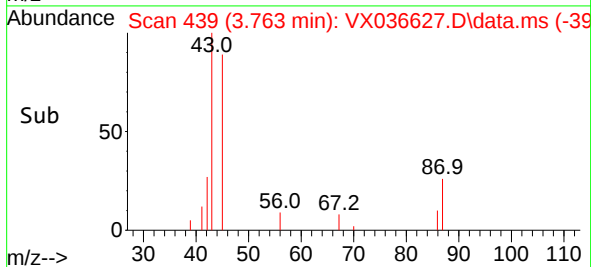
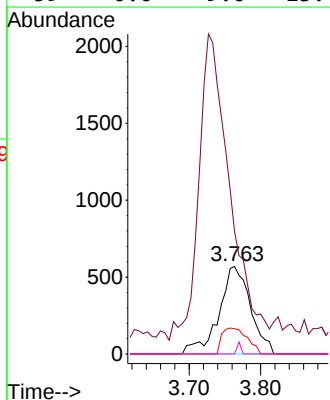
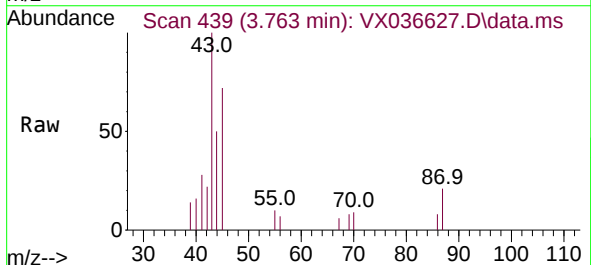
Manual Integrations  
APPROVED

Reviewed By :John Carlone 07/25/2023  
Supervised By :Mahesh Dadoda 07/25/2023



#22  
Diisopropyl ether  
Concen: 0.236 ug/l  
RT: 3.763 min Scan# 439  
Delta R.T. 0.000 min  
Lab File: VX036627.D  
Acq: 24 Jul 2023 13:20

Tgt Ion: 45 Resp: 1752  
Ion Ratio Lower Upper  
45 100  
43 109.5 69.7 104.5#  
87 28.9 20.8 31.2  
59 0.0 9.0 13.4#





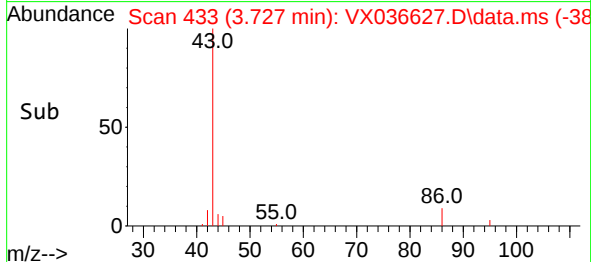
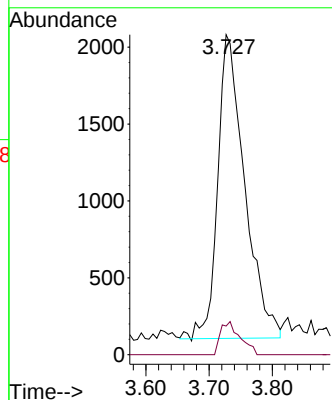
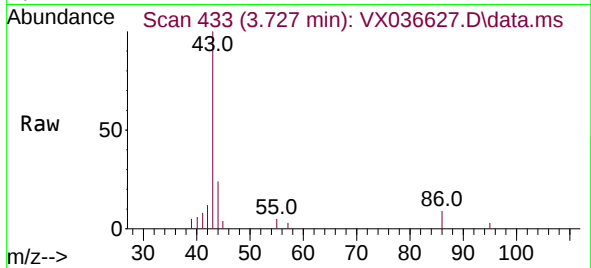
#23  
 Vinyl Acetate  
 Concen: 1.025 ug/l  
 RT: 3.727 min Scan# 41  
 Delta R.T. 0.006 min  
 Lab File: VX036627.D  
 Acq: 24 Jul 2023 13:20

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 MDL-WATER-03-QT3-2023

Tgt Ion: 43 Resp: 5840  
 Ion Ratio Lower Upper  
 43 100  
 86 9.5 7.8 11.8

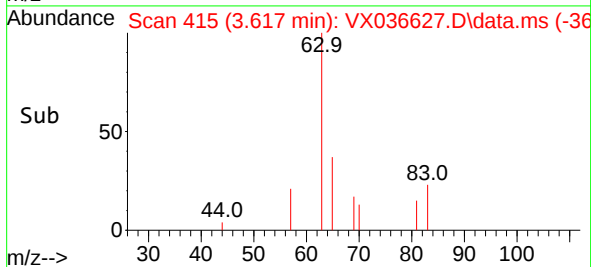
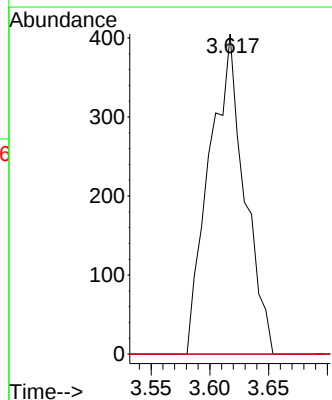
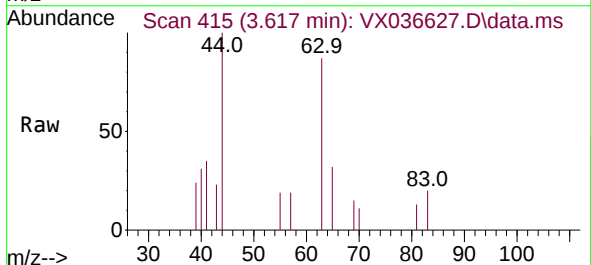
Manual Integrations  
 APPROVED

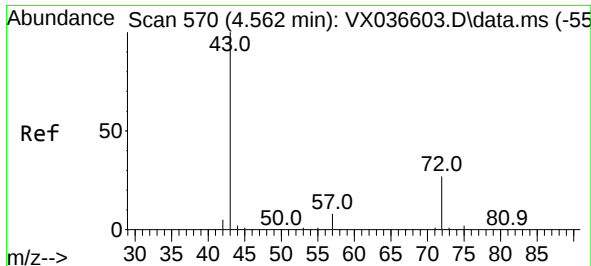
Reviewed By :John Carlone 07/25/2023  
 Supervised By :Mahesh Dadoda 07/25/2023



#24  
 1,1-Dichloroethane  
 Concen: 0.202 ug/l  
 RT: 3.617 min Scan# 415  
 Delta R.T. 0.006 min  
 Lab File: VX036627.D  
 Acq: 24 Jul 2023 13:20

Tgt Ion: 63 Resp: 842  
 Ion Ratio Lower Upper  
 63 100  
 98 0.0 3.3 9.8#  
 100 0.0 2.1 6.5#





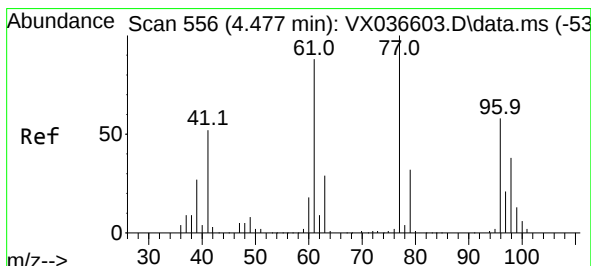
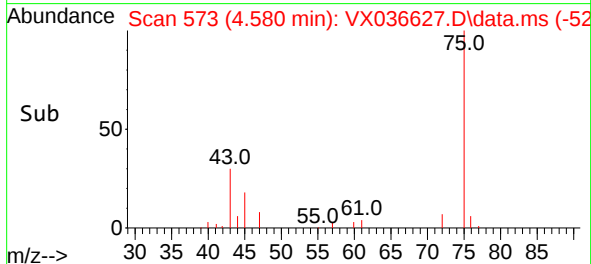
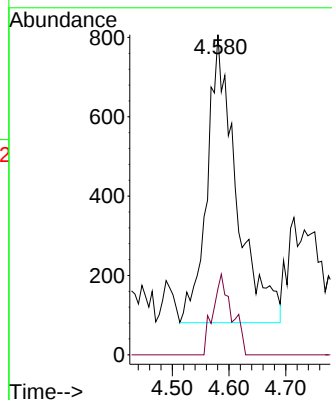
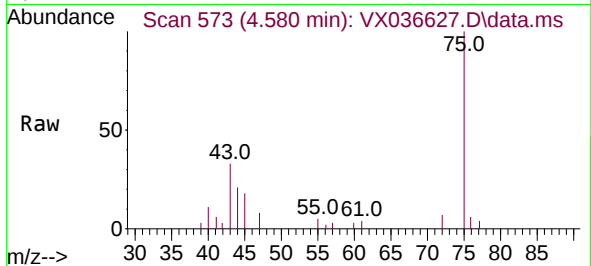
#25  
2-Butanone  
Concen: 1.480 ug/l  
RT: 4.580 min Scan# 51  
Delta R.T. 0.018 min  
Lab File: VX036627.D  
Acq: 24 Jul 2023 13:20

Instrument :  
MSVOA\_X  
ClientSampleId :  
MDL-WATER-03-QT3-2023

Tgt Ion: 43 Resp: 261  
Ion Ratio Lower Upper  
43 100  
72 23.0 19.4 29.2

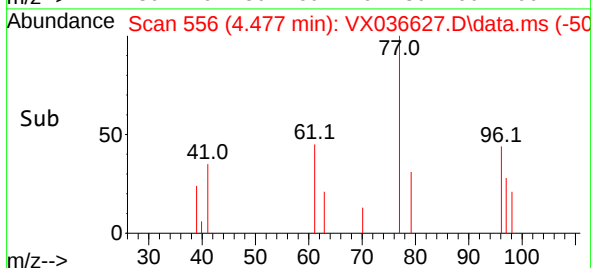
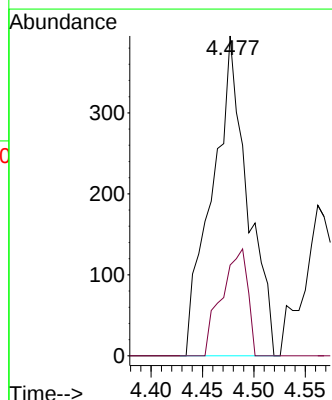
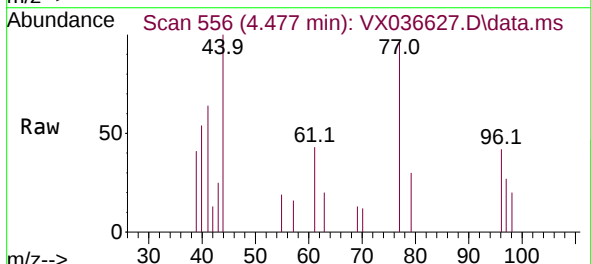
Manual Integrations  
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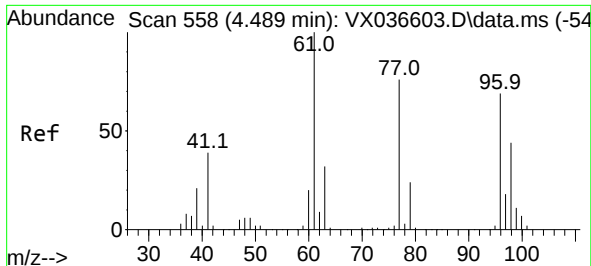
Reviewed By :John Carlone 07/25/2023  
Supervised By :Mahesh Dadoda 07/25/2023



#26  
2,2-Dichloropropane  
Concen: 0.240 ug/l  
RT: 4.477 min Scan# 556  
Delta R.T. 0.000 min  
Lab File: VX036627.D  
Acq: 24 Jul 2023 13:20

Tgt Ion: 77 Resp: 943  
Ion Ratio Lower Upper  
77 100  
97 24.6 10.8 32.3





#27

cis-1,2-Dichloroethene

Concen: 0.259 ug/l

RT: 4.489 min Scan# 51

Delta R.T. 0.000 min

Lab File: VX036627.D

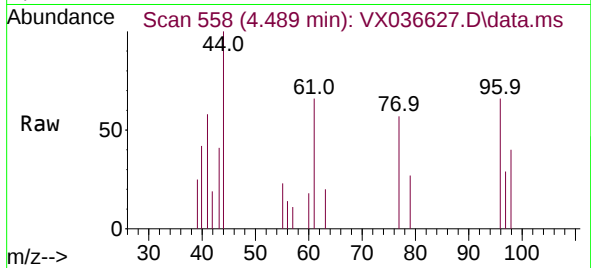
Acq: 24 Jul 2023 13:20

Instrument :

MSVOA\_X

ClientSampleId :

MDL-WATER-03-QT3-2023



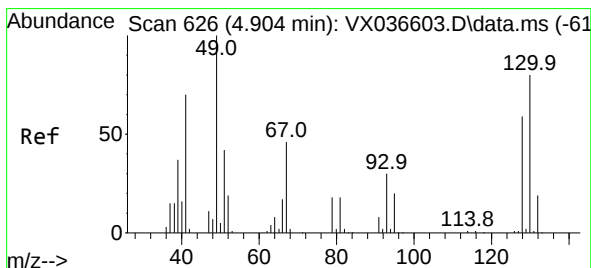
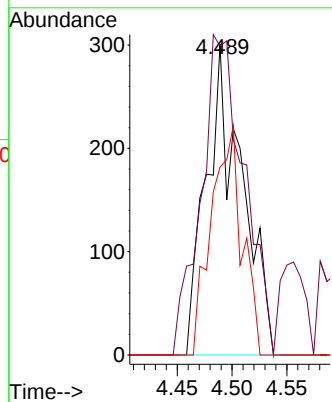
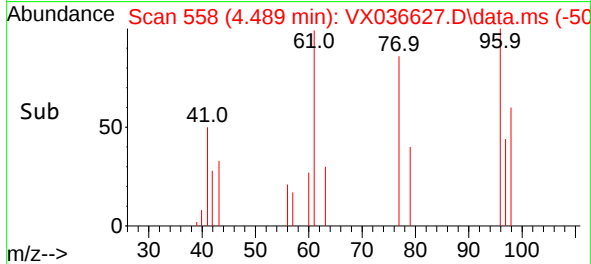
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 96    | Resp: | 68    |
| Ion      | Ratio | Lower | Upper |
| 96       | 100   |       |       |
| 61       | 124.3 | 0.0   | 312.2 |
| 98       | 63.5  | 0.0   | 129.0 |

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/25/2023

Supervised By :Mahesh Dadoda 07/25/2023



#28

Bromochloromethane

Concen: 0.176 ug/l

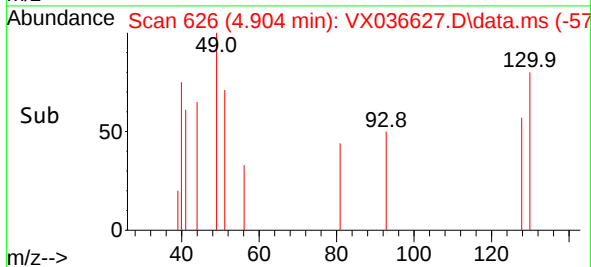
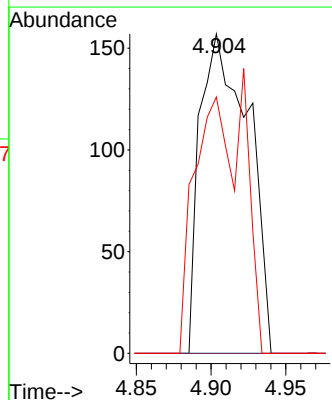
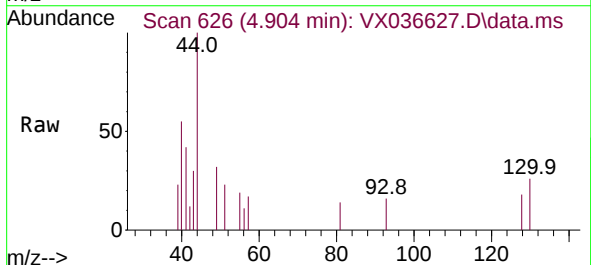
RT: 4.904 min Scan# 626

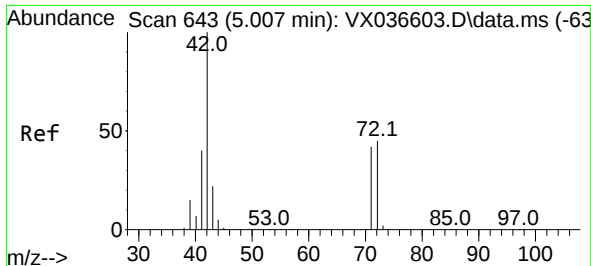
Delta R.T. 0.000 min

Lab File: VX036627.D

Acq: 24 Jul 2023 13:20

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 49    | Resp: | 354   |
| Ion      | Ratio | Lower | Upper |
| 49       | 100   |       |       |
| 129      | 0.0   | 0.0   | 3.8   |
| 130      | 82.8  | 57.5  | 86.3  |





#29

Tetrahydrofuran

Concen: 1.675 ug/l

RT: 5.032 min Scan# 643

Delta R.T. 0.024 min

Lab File: VX036627.D

Acq: 24 Jul 2023 13:20

Instrument :

MSVOA\_X

ClientSampleId :

MDL-WATER-03-QT3-2023

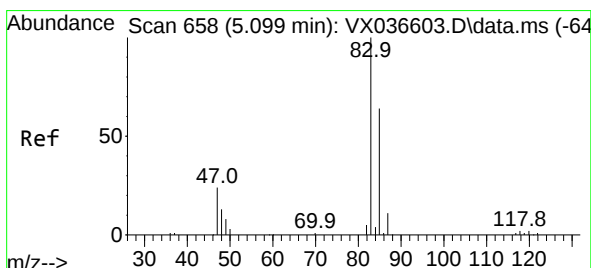
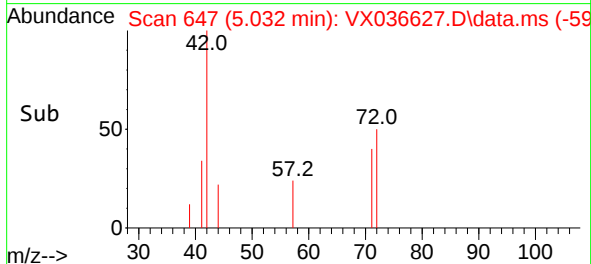
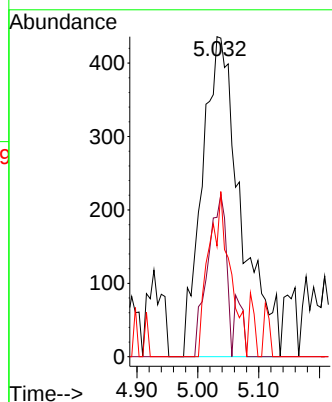
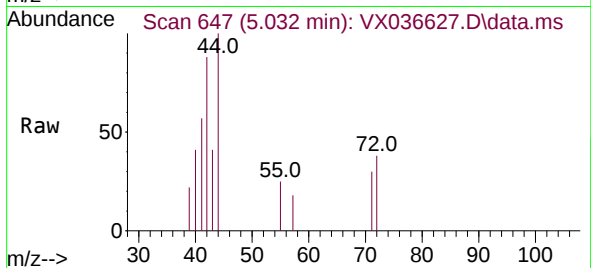
|             |             |
|-------------|-------------|
| Tgt Ion: 42 | Resp: 1909  |
| Ion Ratio   | Lower Upper |
| 42 100      |             |
| 72 24.5     | 34.2 51.4   |
| 71 28.5     | 32.2 48.2   |

Manual Integrations

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Reviewed By :John Carlone 07/25/2023

Supervised By :Mahesh Dadoda 07/25/2023



#30

Chloroform

Concen: 0.264 ug/l

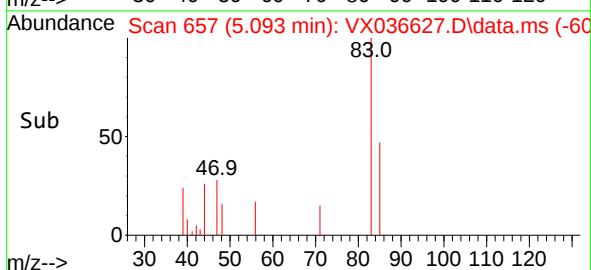
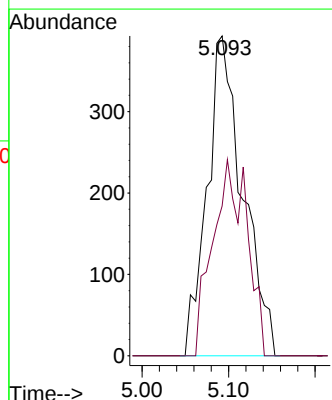
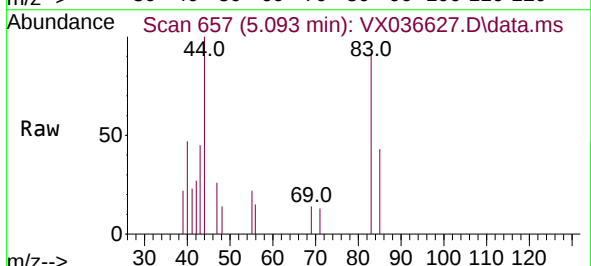
RT: 5.093 min Scan# 657

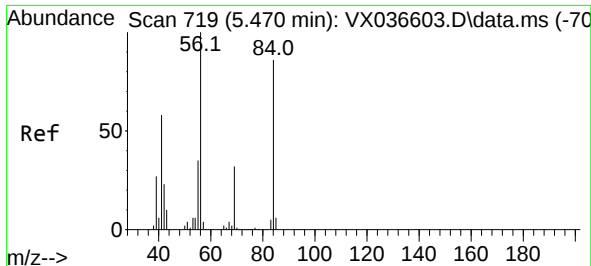
Delta R.T. -0.006 min

Lab File: VX036627.D

Acq: 24 Jul 2023 13:20

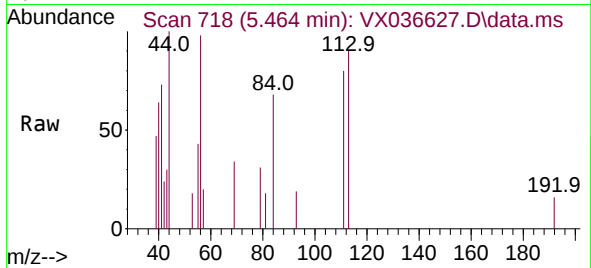
|             |             |
|-------------|-------------|
| Tgt Ion: 83 | Resp: 1124  |
| Ion Ratio   | Lower Upper |
| 83 100      |             |
| 85 46.8     | 50.3 75.5   |





#31  
Cyclohexane  
Concen: 0.249 ug/l  
RT: 5.464 min Scan# 718  
Delta R.T. -0.006 min  
Lab File: VX036627.D  
Acq: 24 Jul 2023 13:20

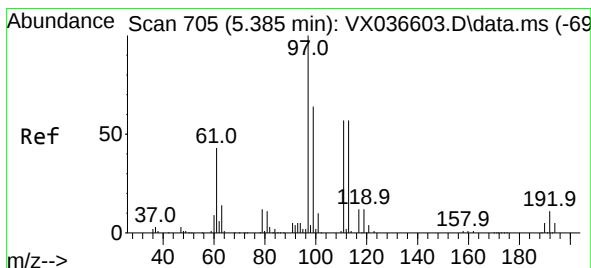
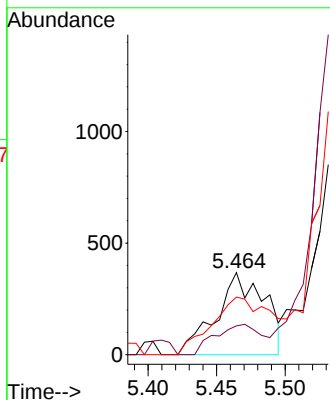
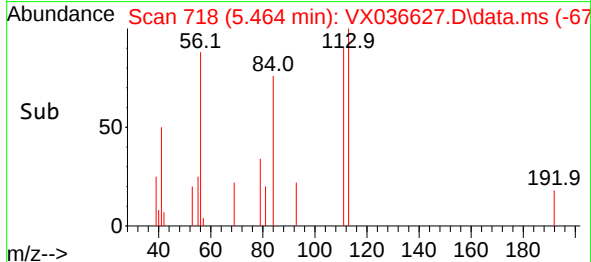
Instrument :  
MSVOA\_X  
ClientSampleId :  
MDL-WATER-03-QT3-2023



Tgt Ion: 56 Resp: 904  
Ion Ratio Lower Upper  
56 100  
69 35.1 23.4 35.2  
84 70.1 65.9 98.9

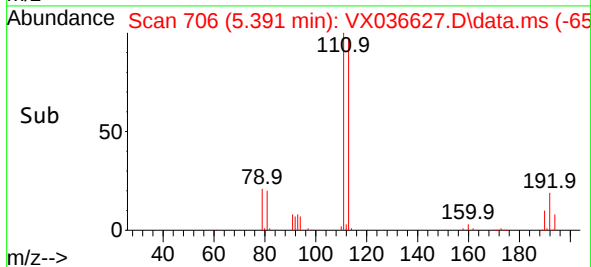
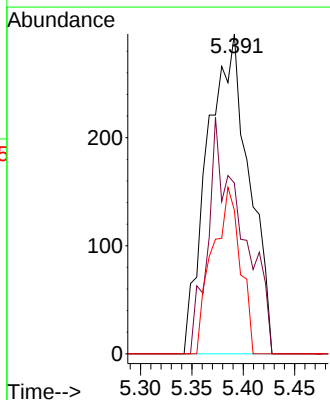
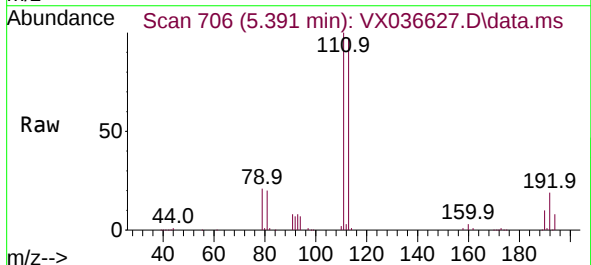
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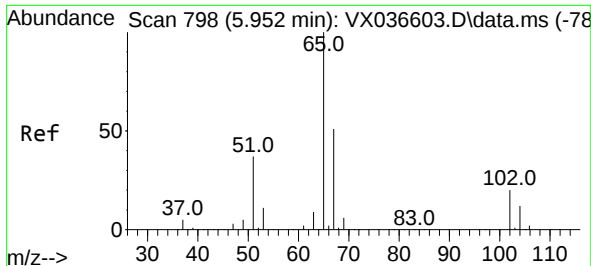
Reviewed By :John Carlone 07/25/2023  
Supervised By :Mahesh Dadoda 07/25/2023



#32  
1,1,1-Trichloroethane  
Concen: 0.214 ug/l  
RT: 5.391 min Scan# 706  
Delta R.T. 0.006 min  
Lab File: VX036627.D  
Acq: 24 Jul 2023 13:20

Tgt Ion: 97 Resp: 835  
Ion Ratio Lower Upper  
97 100  
99 0.0 51.1 76.7#  
61 34.7 36.4 54.6#





#33

1,2-Dichloroethane-d4

Concen: 50.071 ug/l

RT: 5.958 min Scan# 798

Delta R.T. 0.006 min

Lab File: VX036627.D

Acq: 24 Jul 2023 13:20

Instrument :

MSVOA\_X

ClientSampleId :

MDL-WATER-03-QT3-2023

Tgt Ion: 65 Resp: 131489

Ion Ratio Lower Upper

65 100

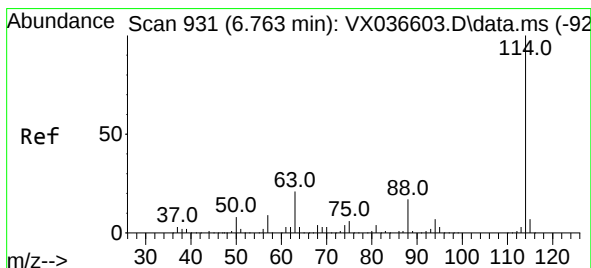
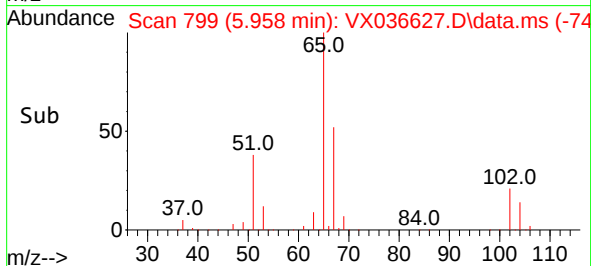
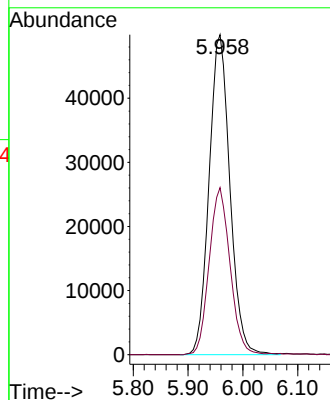
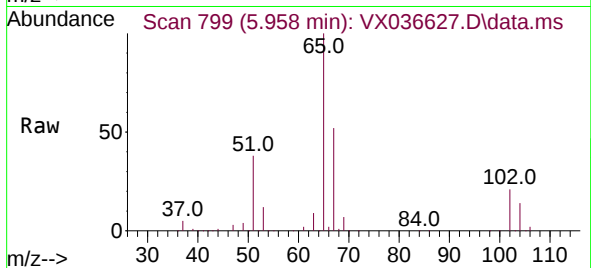
67 52.2 0.0 100.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/25/2023

Supervised By :Mahesh Dadoda 07/25/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.000 min

Lab File: VX036627.D

Acq: 24 Jul 2023 13:20

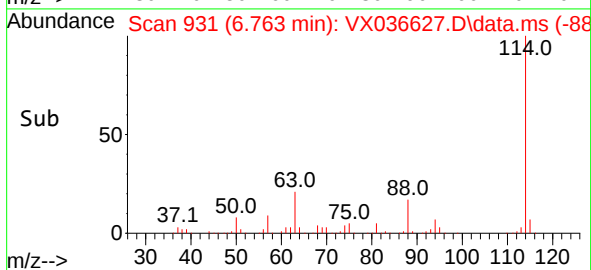
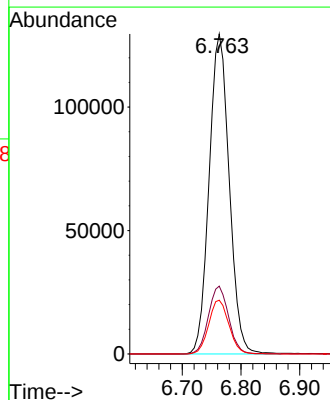
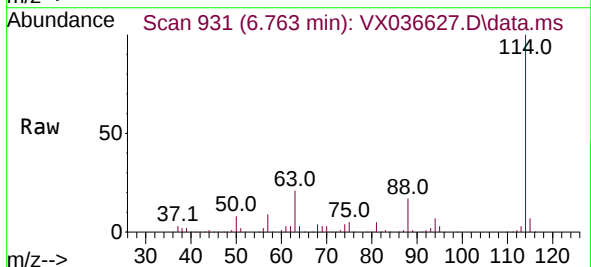
Tgt Ion:114 Resp: 307898

Ion Ratio Lower Upper

114 100

63 21.2 0.0 45.0

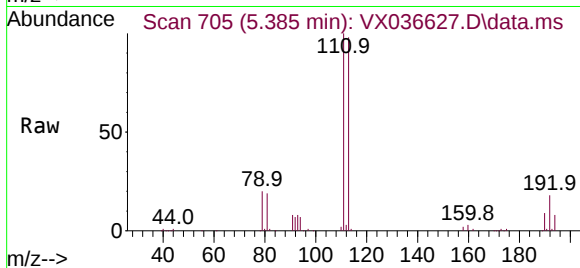
88 16.8 0.0 36.6





#35  
Dibromofluoromethane  
Concen: 50.147 ug/l  
RT: 5.385 min Scan# 705  
Delta R.T. 0.000 min  
Lab File: VX036627.D  
Acq: 24 Jul 2023 13:20

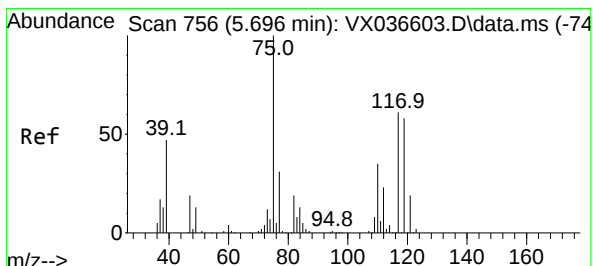
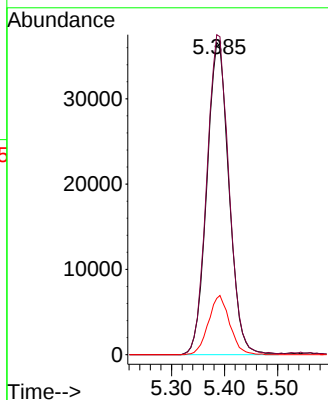
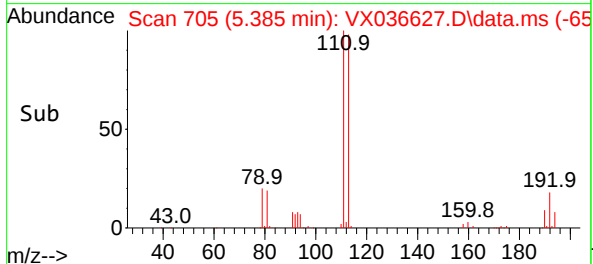
Instrument :  
MSVOA\_X  
ClientSampleId :  
MDL-WATER-03-QT3-2023



Tgt Ion: 113 Resp: 10612  
Ion Ratio Lower Upper  
113 100  
111 102.7 82.9 124.3  
192 18.2 13.3 19.9

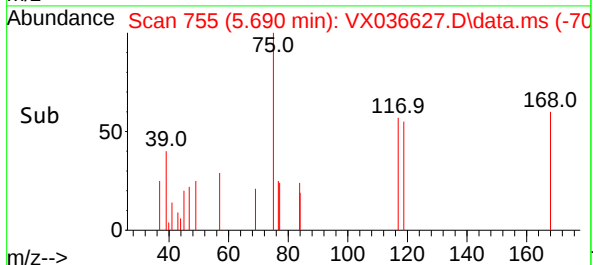
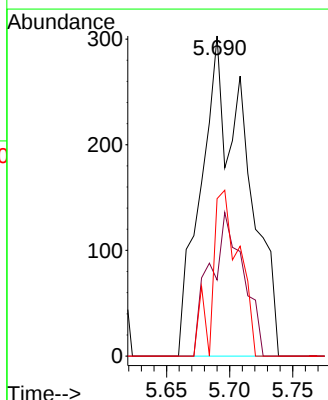
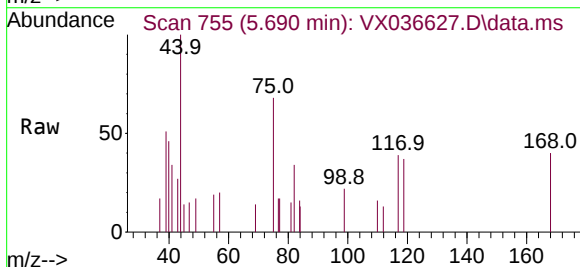
Manual Integrations  
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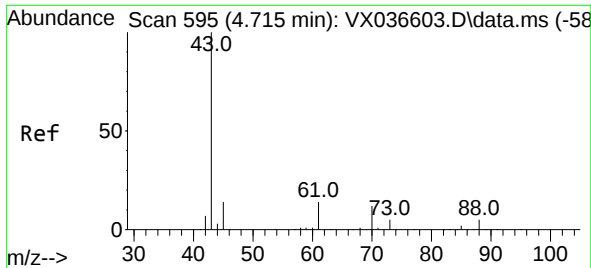
Reviewed By :John Carlone 07/25/2023  
Supervised By :Mahesh Dadoda 07/25/2023



#36  
1,1-Dichloropropene  
Concen: 0.238 ug/l m  
RT: 5.690 min Scan# 755  
Delta R.T. -0.006 min  
Lab File: VX036627.D  
Acq: 24 Jul 2023 13:20

Tgt Ion: 75 Resp: 751  
Ion Ratio Lower Upper  
75 100  
110 33.2 17.0 50.9  
77 31.0 24.7 37.1





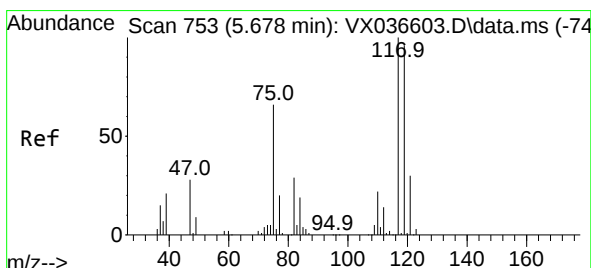
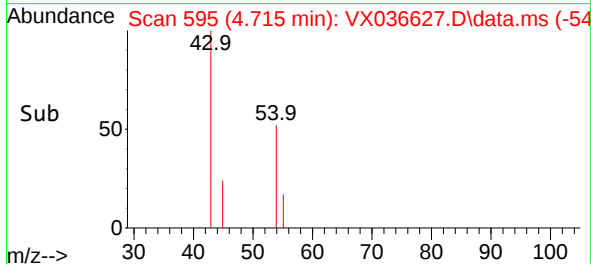
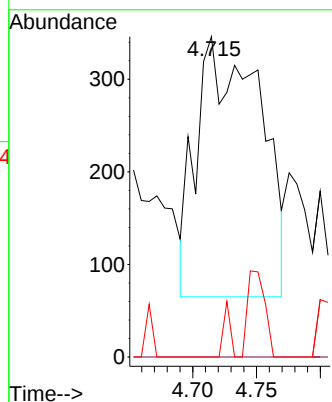
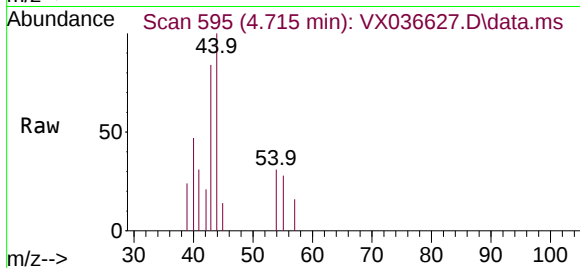
#37  
Ethyl Acetate  
Concen: 0.271 ug/l m  
RT: 4.715 min Scan# 595  
Delta R.T. 0.000 min  
Lab File: VX036627.D  
Acq: 24 Jul 2023 13:20

Instrument :  
MSVOA\_X  
ClientSampleId :  
MDL-WATER-03-QT3-2023

Tgt Ion: 43 Resp: 969  
Ion Ratio Lower Upper  
43 100  
61 0.0 10.6 16.0#  
70 2.3 8.3 12.5#

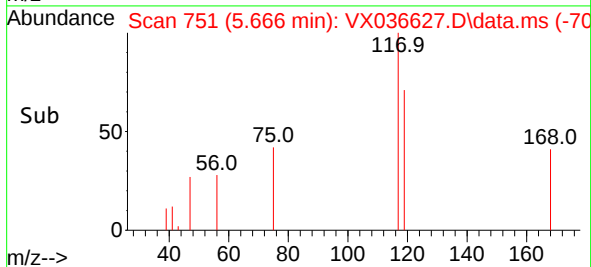
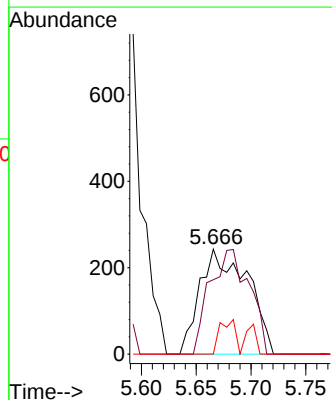
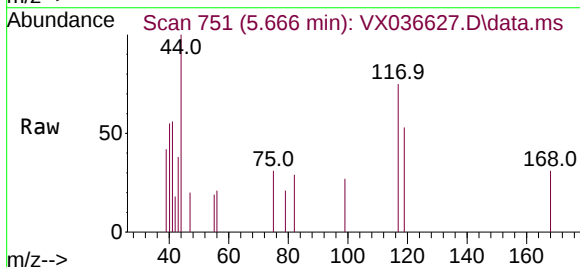
Manual Integrations  
APPROVED

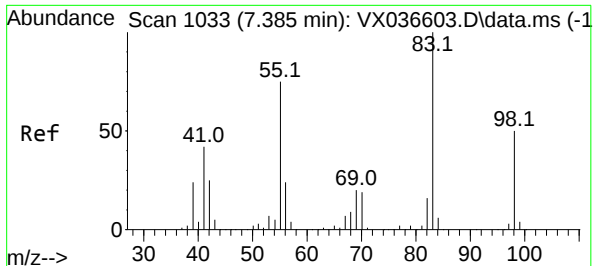
Reviewed By :John Carlone 07/25/2023  
Supervised By :Mahesh Dadoda 07/25/2023



#38  
Carbon Tetrachloride  
Concen: 0.219 ug/l  
RT: 5.666 min Scan# 751  
Delta R.T. -0.012 min  
Lab File: VX036627.D  
Acq: 24 Jul 2023 13:20

Tgt Ion:117 Resp: 735  
Ion Ratio Lower Upper  
117 100  
119 70.8 78.2 117.2#  
121 0.0 24.4 36.6#





#39

Methylcyclohexane

Concen: 0.260 ug/l

RT: 7.385 min Scan# 1023

Delta R.T. 0.000 min

Lab File: VX036627.D

Acq: 24 Jul 2023 13:20

Instrument :

MSVOA\_X

ClientSampleId :

MDL-WATER-03-QT3-2023

Tgt Ion: 83 Resp: 1023

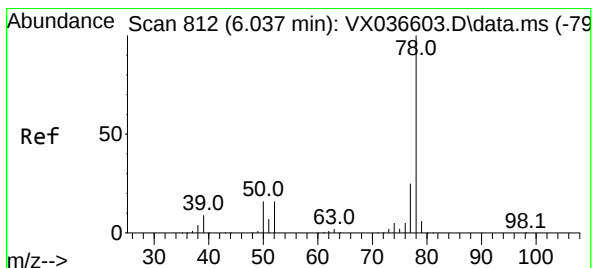
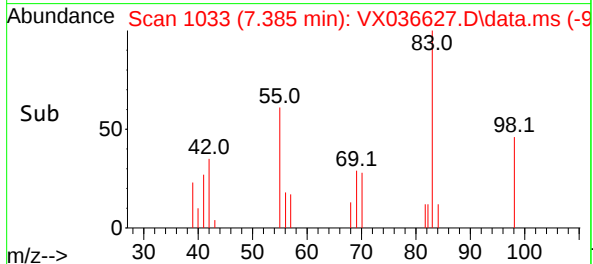
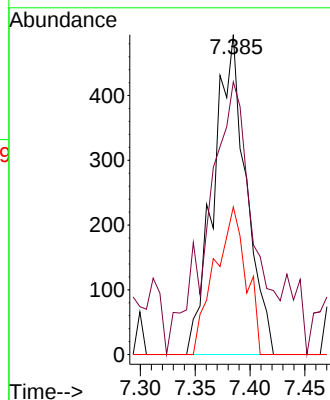
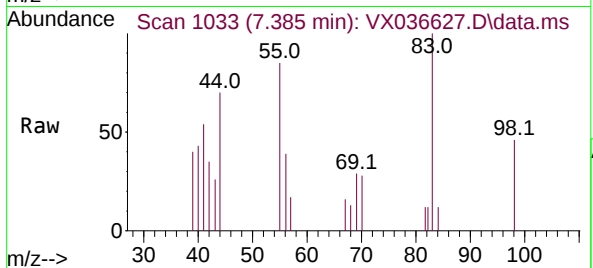
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 83  | 100   |       |       |
| 55  | 72.3  | 64.6  | 97.0  |
| 98  | 46.2  | 36.7  | 55.1  |

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/25/2023

Supervised By :Mahesh Dadoda 07/25/2023



#40

Benzene

Concen: 0.210 ug/l

RT: 6.050 min Scan# 814

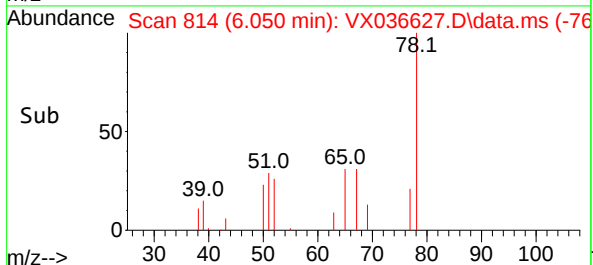
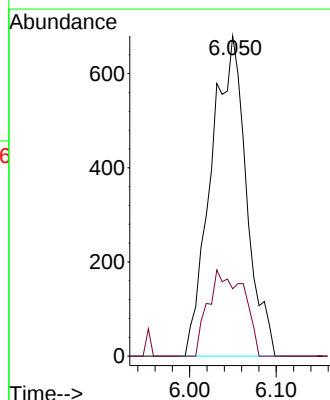
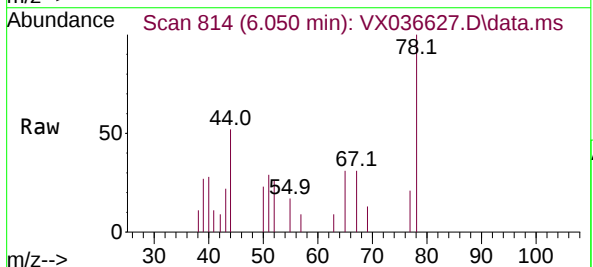
Delta R.T. 0.012 min

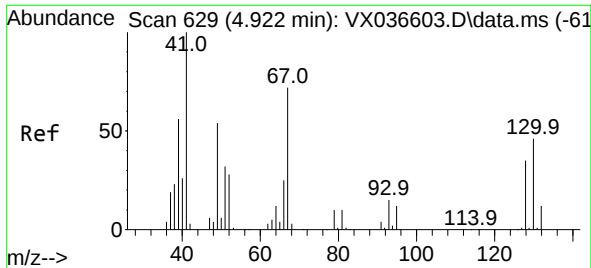
Lab File: VX036627.D

Acq: 24 Jul 2023 13:20

Tgt Ion: 78 Resp: 1927

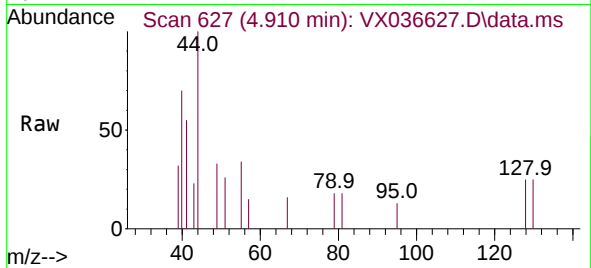
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 78  | 100   |       |       |
| 77  | 21.0  | 19.3  | 28.9  |





#41  
Methacrylonitrile  
Concen: 0.189 ug/l m  
RT: 4.910 min Scan# 61  
Delta R.T. -0.012 min  
Lab File: VX036627.D  
Acq: 24 Jul 2023 13:20

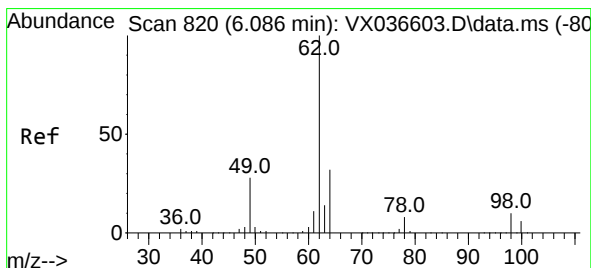
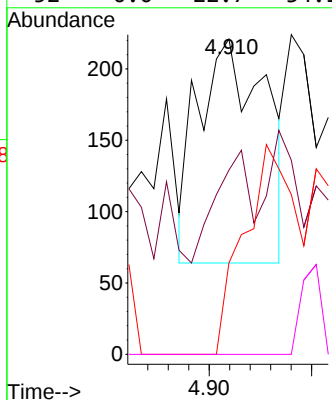
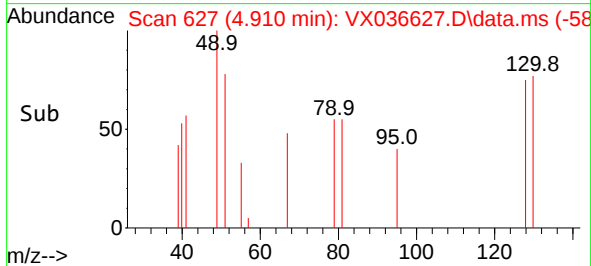
Instrument :  
MSVOA\_X  
ClientSampleId :  
MDL-WATER-03-QT3-2023



Tgt Ion: 41 Resp: 360  
Ion Ratio Lower Upper  
41 100  
39 25.0 45.2 67.8  
67 0.0 52.6 78.8  
52 0.0 22.7 34.1

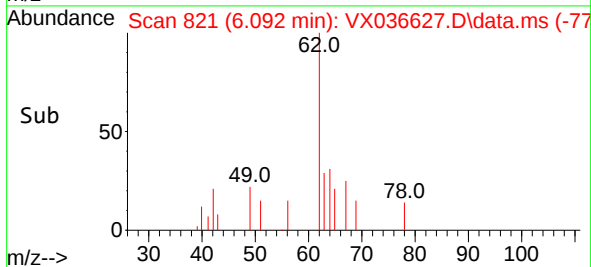
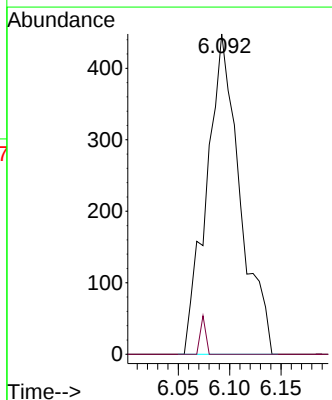
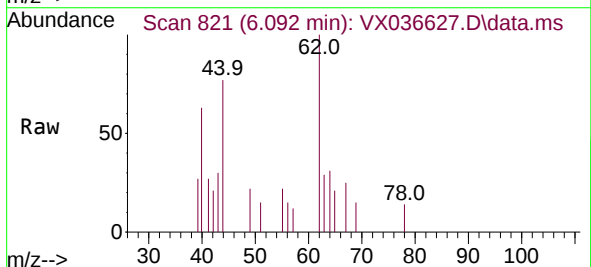
Manual Integrations  
APPROVED

Reviewed By :John Carlone 07/25/2023  
Supervised By :Mahesh Dadoda 07/25/2023



#42  
1,2-Dichloroethane  
Concen: 0.301 ug/l  
RT: 6.092 min Scan# 821  
Delta R.T. 0.006 min  
Lab File: VX036627.D  
Acq: 24 Jul 2023 13:20

Tgt Ion: 62 Resp: 1010  
Ion Ratio Lower Upper  
62 100  
98 2.0 0.0 16.0





#43

Isopropyl Acetate

Concen: 0.232 ug/l

RT: 6.348 min Scan# 863

Delta R.T. 0.006 min

Lab File: VX036627.D

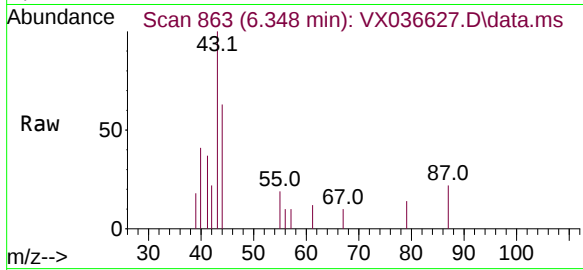
Acq: 24 Jul 2023 13:20

Instrument :

MSVOA\_X

ClientSampleId :

MDL-WATER-03-QT3-2023



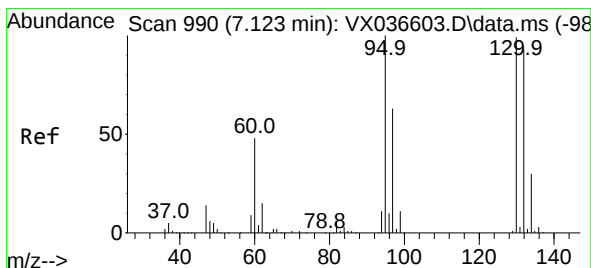
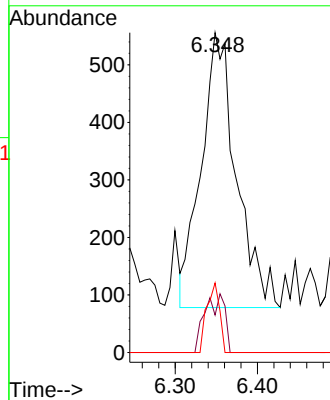
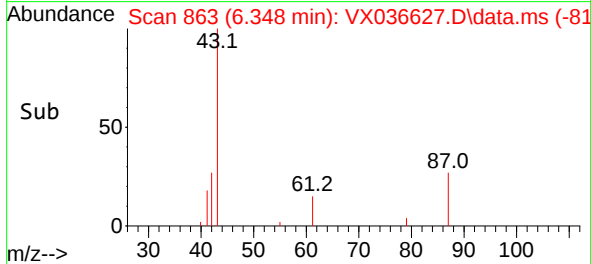
|             |                |
|-------------|----------------|
| Tgt Ion: 43 | Resp: 142      |
| Ion Ratio   | Lower Upper    |
| 43          | 100            |
| 61          | 11.9 15.2 22.8 |
| 87          | 9.2 9.8 14.6   |

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/25/2023

Supervised By :Mahesh Dadoda 07/25/2023



#44

Trichloroethene

Concen: 0.217 ug/l

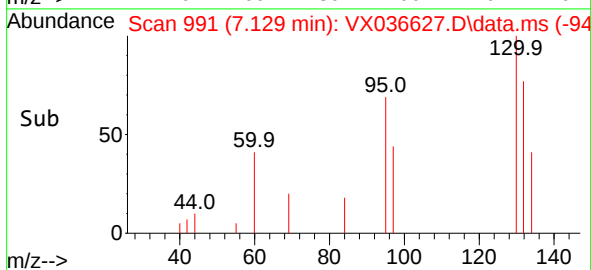
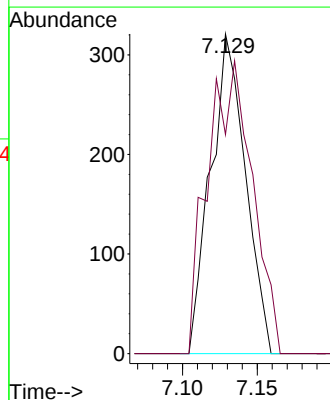
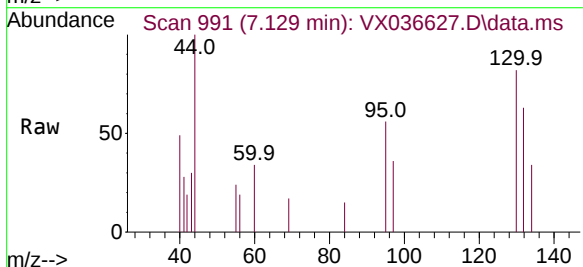
RT: 7.129 min Scan# 991

Delta R.T. 0.006 min

Lab File: VX036627.D

Acq: 24 Jul 2023 13:20

|             |                |
|-------------|----------------|
| Tgt Ion:130 | Resp: 520      |
| Ion Ratio   | Lower Upper    |
| 130         | 100            |
| 95          | 68.5 0.0 204.4 |





#45

1,2-Dichloropropane

Concen: 0.208 ug/l

RT: 7.427 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VX036627.D

Acq: 24 Jul 2023 13:20

Instrument :

MSVOA\_X

ClientSampleId :

MDL-WATER-03-QT3-2023

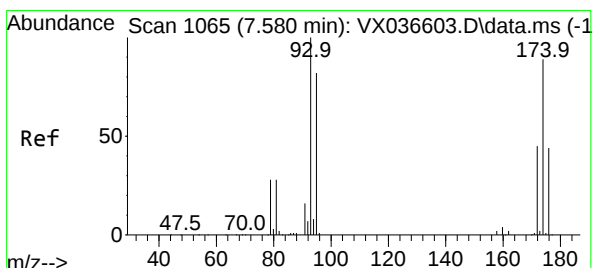
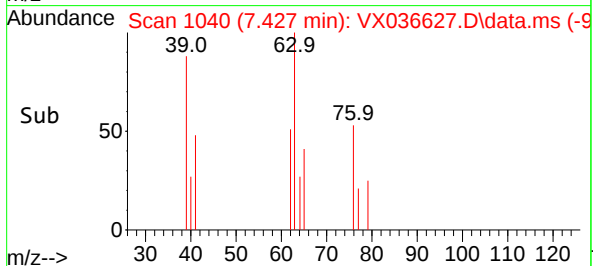
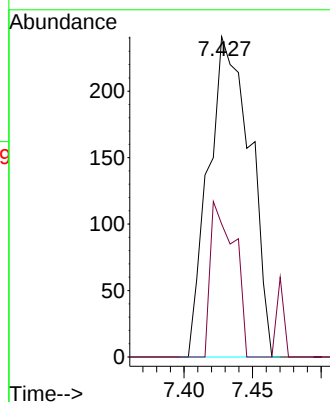
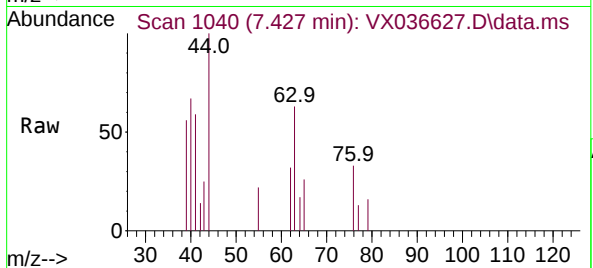
Tgt Ion: 63 Resp: 510  
 Ion Ratio Lower Upper  
 63 100  
 65 41.5 24.3 36.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/25/2023

Supervised By :Mahesh Dadoda 07/25/2023



#46

Dibromomethane

Concen: 0.199 ug/l

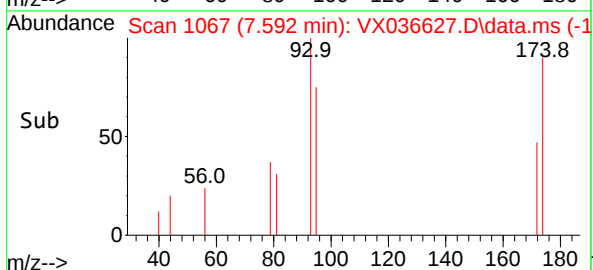
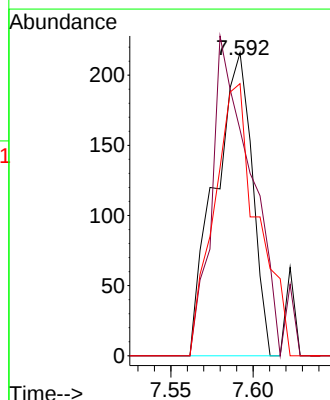
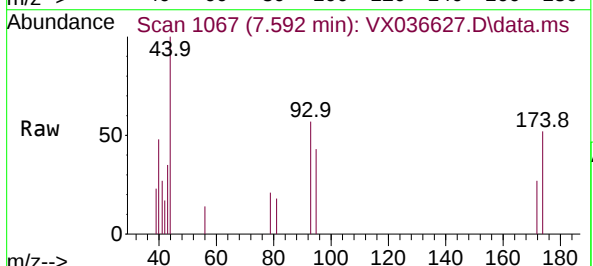
RT: 7.592 min Scan# 1067

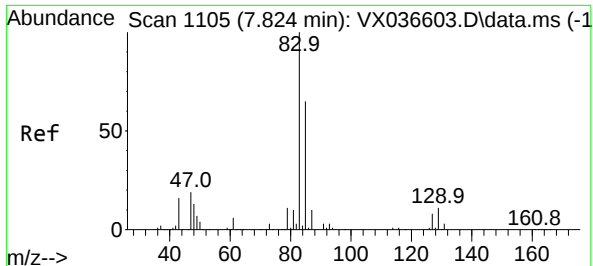
Delta R.T. 0.012 min

Lab File: VX036627.D

Acq: 24 Jul 2023 13:20

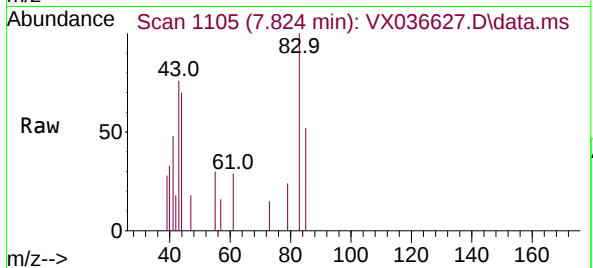
Tgt Ion: 93 Resp: 341  
 Ion Ratio Lower Upper  
 93 100  
 95 114.7 66.6 100.0#  
 174 104.4 69.4 104.0#





#47  
Bromodichloromethane  
Concen: 0.229 ug/l  
RT: 7.824 min Scan# 1105  
Delta R.T. 0.000 min  
Lab File: VX036627.D  
Acq: 24 Jul 2023 13:20

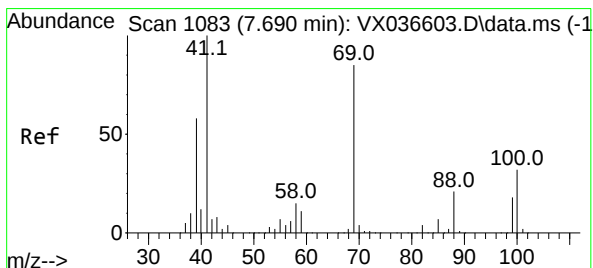
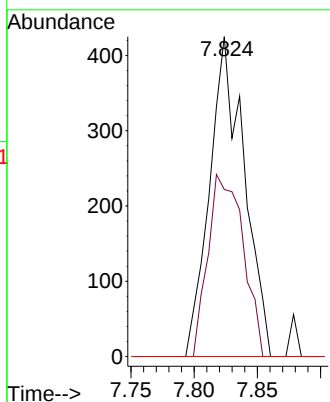
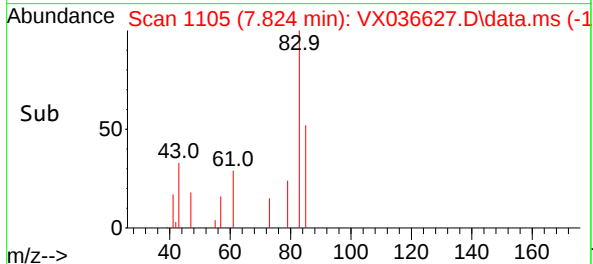
Instrument :  
MSVOA\_X  
ClientSampleId :  
MDL-WATER-03-QT3-2023



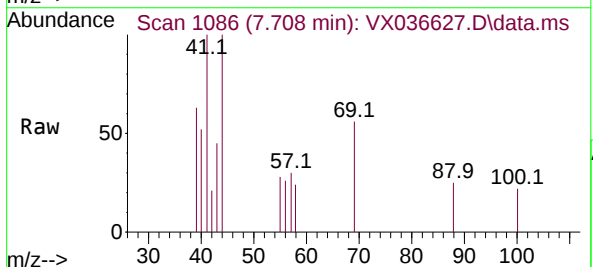
Tgt Ion: 83 Resp: 800  
Ion Ratio Lower Upper  
83 100  
85 52.2 49.8 74.6  
127 0.0 7.1 10.7

Manual Integrations  
APPROVED

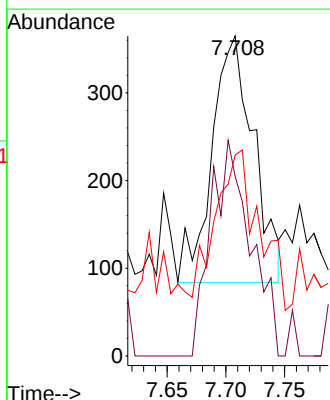
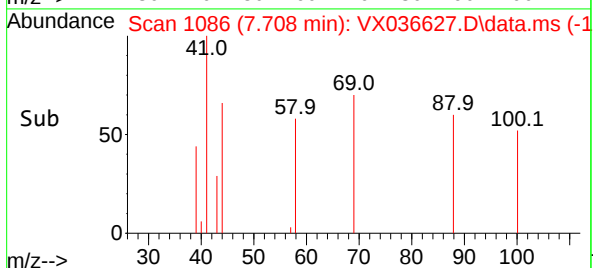
Reviewed By :John Carlone 07/25/2023  
Supervised By :Mahesh Dadoda 07/25/2023

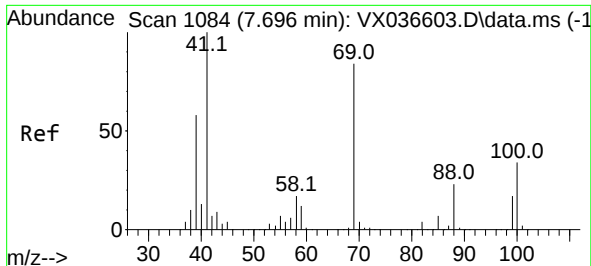


#48  
Methyl methacrylate  
Concen: 0.244 ug/l  
RT: 7.708 min Scan# 1086  
Delta R.T. 0.018 min  
Lab File: VX036627.D  
Acq: 24 Jul 2023 13:20



Tgt Ion: 41 Resp: 696  
Ion Ratio Lower Upper  
41 100  
69 83.6 59.2 88.8  
39 79.6 47.7 71.5





#49

1,4-Dioxane

Concen: 2.581 ug/l

RT: 7.720 min Scan# 1084

Delta R.T. 0.024 min

Lab File: VX036627.D

Acq: 24 Jul 2023 13:20

Instrument :

MSVOA\_X

ClientSampleId :

MDL-WATER-03-QT3-2023

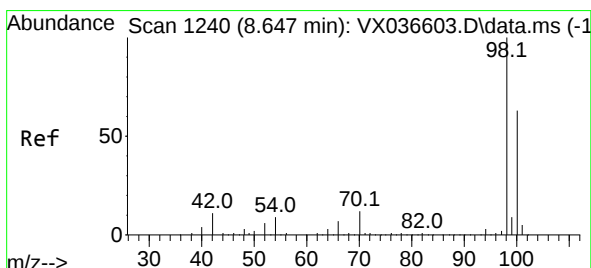
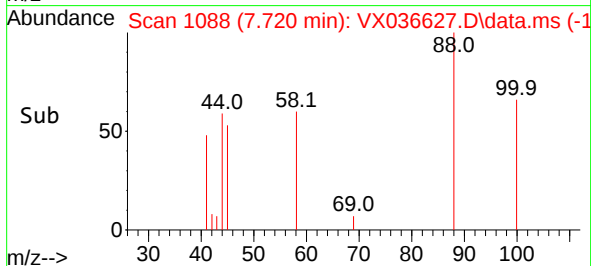
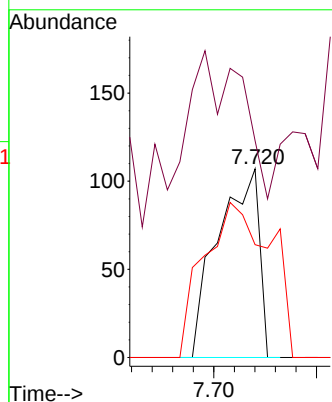
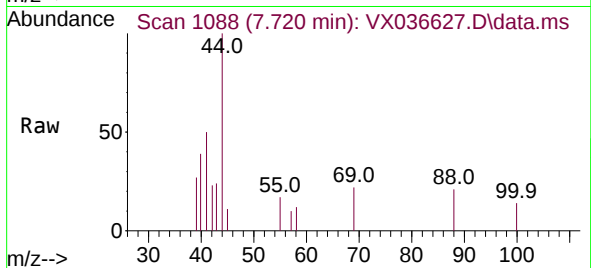
Tgt Ion: 88 Resp: 149  
 Ion Ratio Lower Upper  
 88 100  
 43 0.0 0.0 0.0  
 58 132.2 60.1 90.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/25/2023

Supervised By :Mahesh Dadoda 07/25/2023



#50

Toluene-d8

Concen: 49.804 ug/l

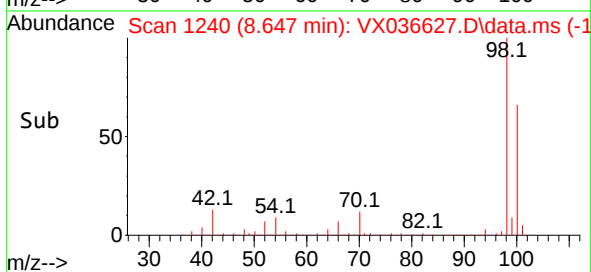
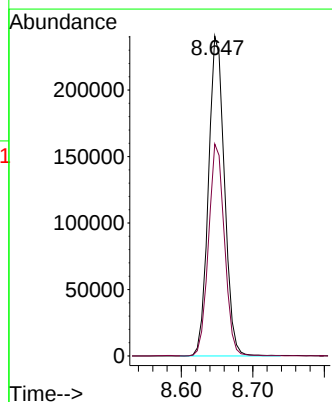
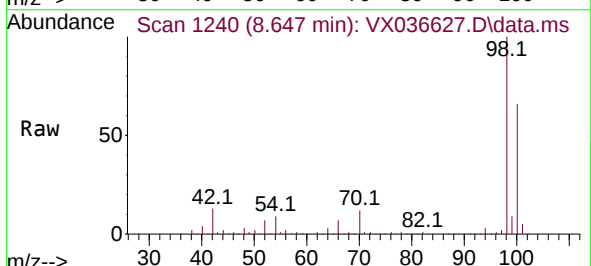
RT: 8.647 min Scan# 1240

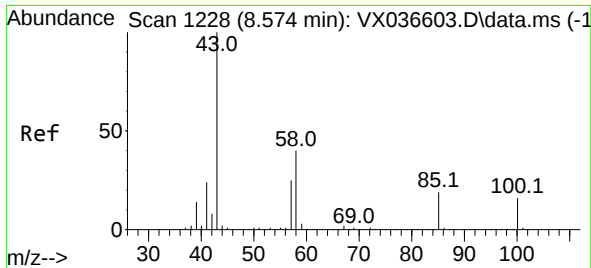
Delta R.T. 0.000 min

Lab File: VX036627.D

Acq: 24 Jul 2023 13:20

Tgt Ion: 98 Resp: 373779  
 Ion Ratio Lower Upper  
 98 100  
 100 66.1 53.1 79.7





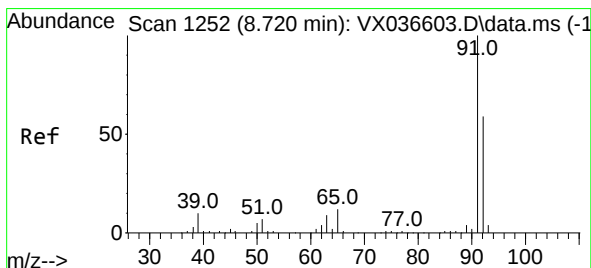
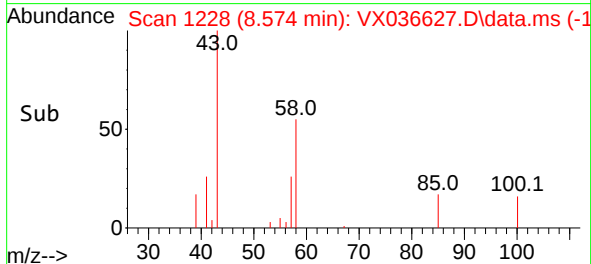
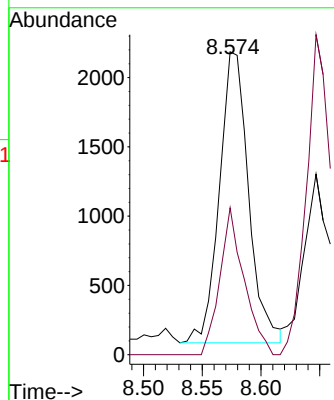
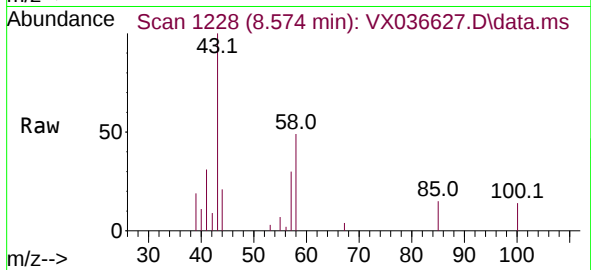
#51  
4-Methyl-2-Pentanone  
Concen: 1.068 ug/l  
RT: 8.574 min Scan# 1228  
Delta R.T. 0.000 min  
Lab File: VX036627.D  
Acq: 24 Jul 2023 13:20

Instrument :  
MSVOA\_X  
ClientSampleId :  
MDL-WATER-03-QT3-2023

Tgt Ion: 43 Resp: 363  
Ion Ratio Lower Upper  
43 100  
58 41.9 30.4 45.6

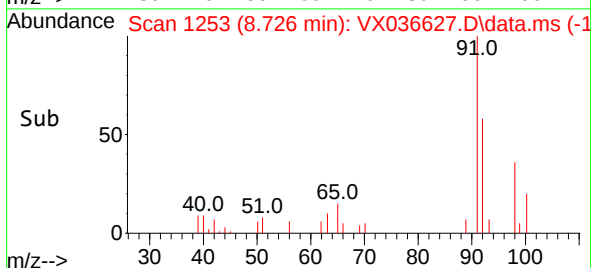
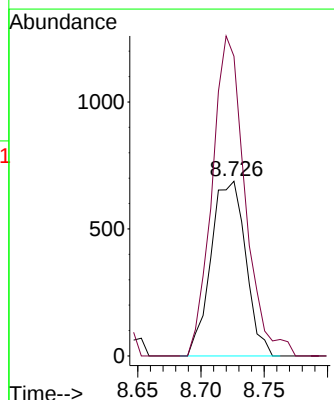
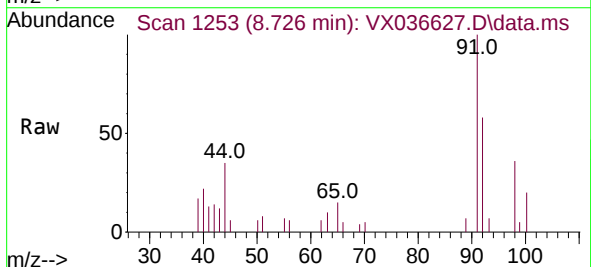
Manual Integrations  
APPROVED

Reviewed By :John Carlone 07/25/2023  
Supervised By :Mahesh Dadoda 07/25/2023



#52  
Toluene  
Concen: 0.228 ug/l  
RT: 8.726 min Scan# 1253  
Delta R.T. 0.006 min  
Lab File: VX036627.D  
Acq: 24 Jul 2023 13:20

Tgt Ion: 92 Resp: 1313  
Ion Ratio Lower Upper  
92 100  
91 173.9 134.2 201.2





#53

t-1,3-Dichloropropene

Concen: 0.211 ug/l

RT: 8.982 min Scan# 1295

Delta R.T. 0.006 min

Lab File: VX036627.D

Acq: 24 Jul 2023 13:20

Instrument :

MSVOA\_X

ClientSampleId :

MDL-WATER-03-QT3-2023

Tgt Ion: 75 Resp: 838

Ion Ratio Lower Upper

75 100

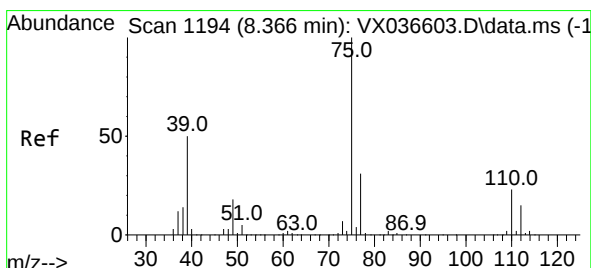
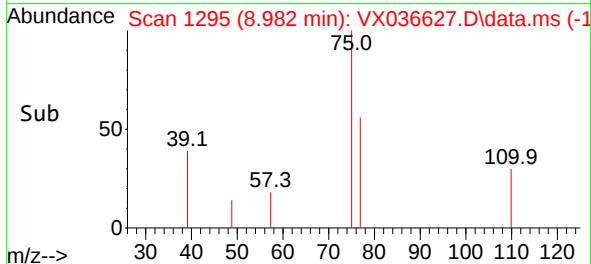
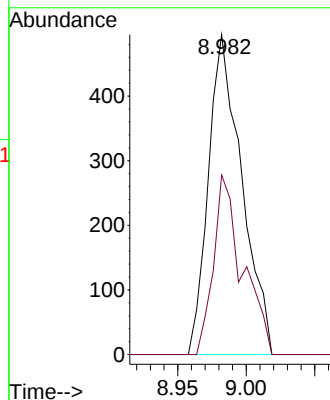
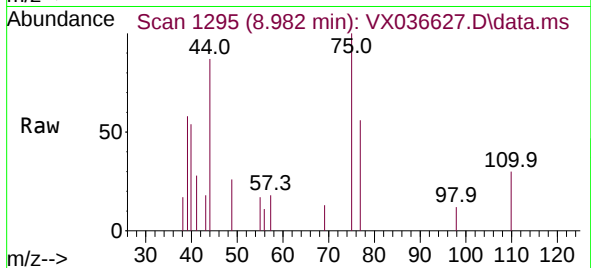
77 56.2 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/25/2023

Supervised By :Mahesh Dadoda 07/25/2023



#54

cis-1,3-Dichloropropene

Concen: 0.182 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX036627.D

Acq: 24 Jul 2023 13:20

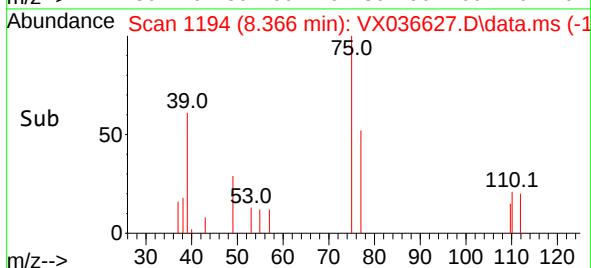
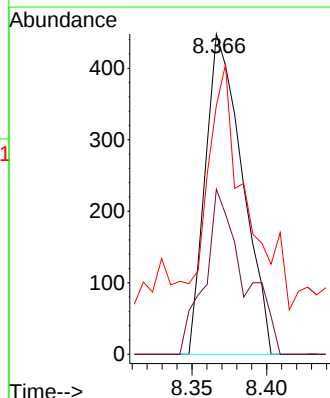
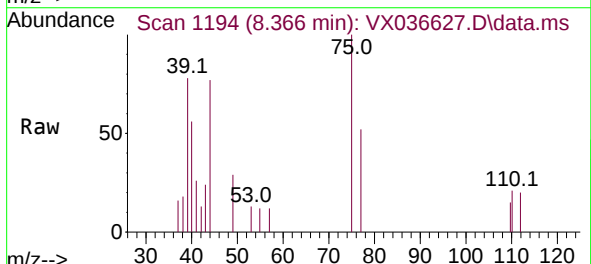
Tgt Ion: 75 Resp: 766

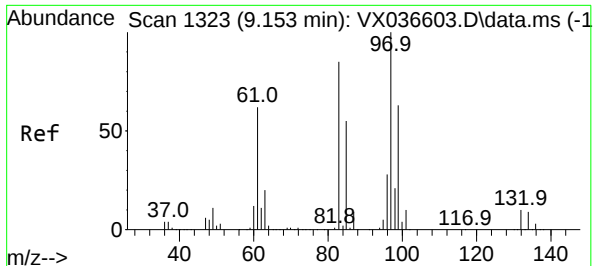
Ion Ratio Lower Upper

75 100

77 51.6 25.3 37.9

39 54.9 46.7 70.1





#55

1,1,2-Trichloroethane

Concen: 0.222 ug/l

RT: 9.153 min Scan# 1323

Delta R.T. 0.000 min

Lab File: VX036627.D

Acq: 24 Jul 2023 13:20

Instrument :

MSVOA\_X

ClientSampleId :

MDL-WATER-03-QT3-2023

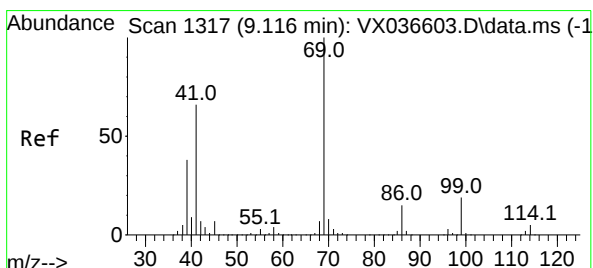
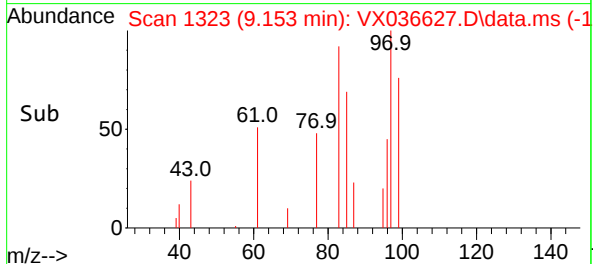
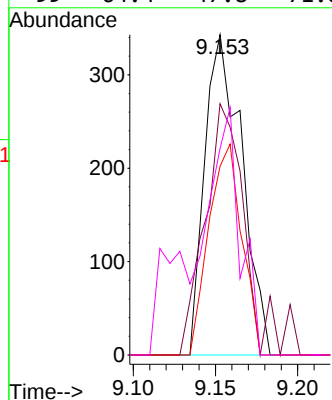
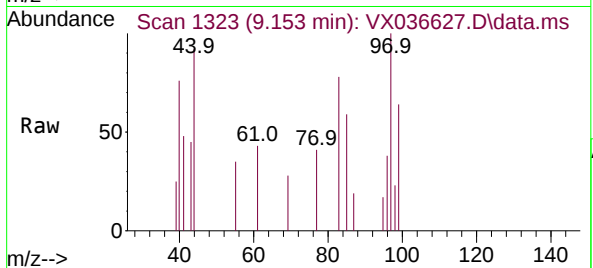
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 97      | 100   |       |       |
| 83      | 78.4  | 65.8  | 98.8  |
| 85      | 58.9  | 41.6  | 62.4  |
| 99      | 64.4  | 47.8  | 71.8  |

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/25/2023

Supervised By :Mahesh Dadoda 07/25/2023



#56

Ethyl methacrylate

Concen: 0.228 ug/l

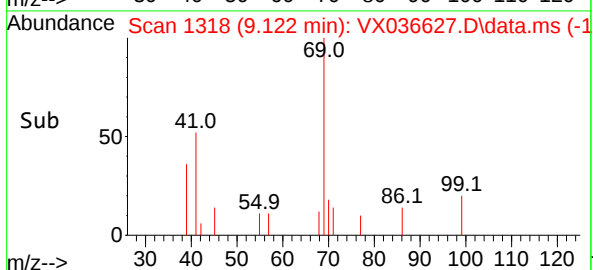
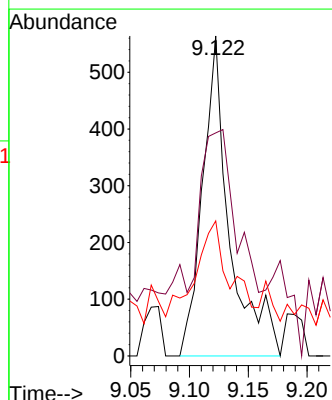
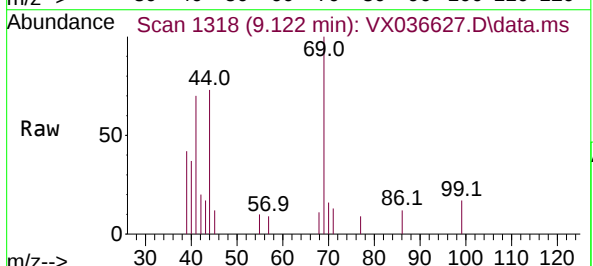
RT: 9.122 min Scan# 1318

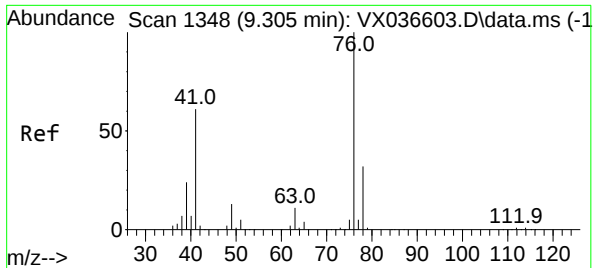
Delta R.T. 0.006 min

Lab File: VX036627.D

Acq: 24 Jul 2023 13:20

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 69      | 100   |       |       |
| 41      | 65.2  | 56.8  | 85.2  |
| 39      | 37.6  | 32.0  | 48.0  |





#57

1,3-Dichloropropane

Concen: 0.206 ug/l

RT: 9.317 min Scan# 1135

Delta R.T. 0.012 min

Lab File: VX036627.D

Acq: 24 Jul 2023 13:20

Instrument :

MSVOA\_X

ClientSampleId :

MDL-WATER-03-QT3-2023

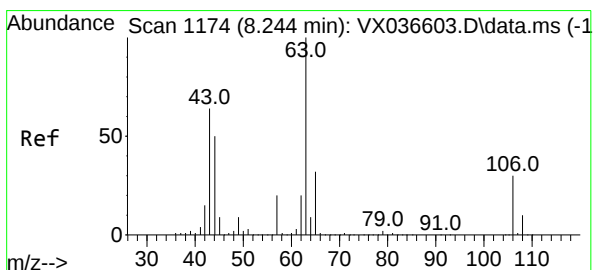
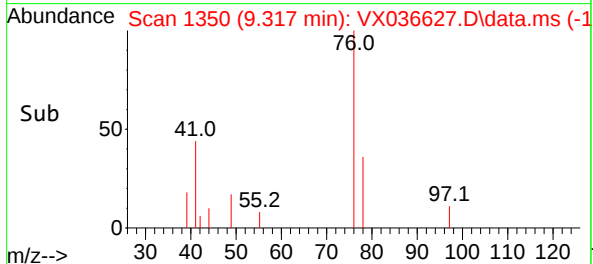
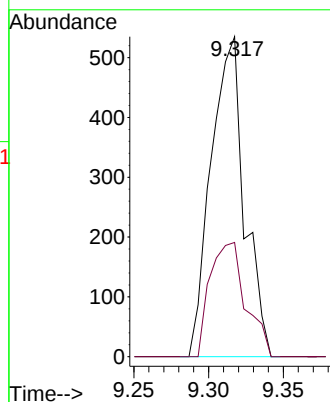
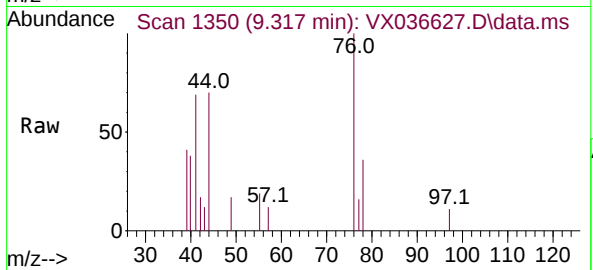
Tgt Ion: 76 Resp: 829  
 Ion Ratio Lower Upper  
 76 100  
 78 38.2 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/25/2023

Supervised By :Mahesh Dadoda 07/25/2023



#58

2-Chloroethyl Vinyl ether

Concen: 1.496 ug/l

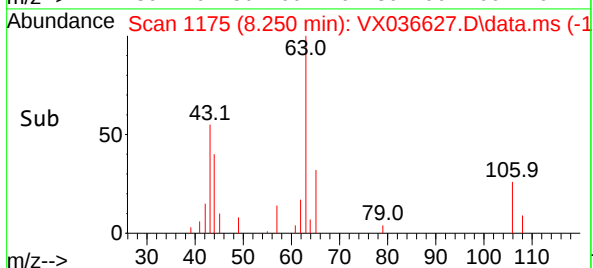
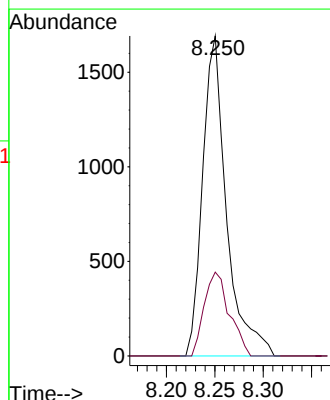
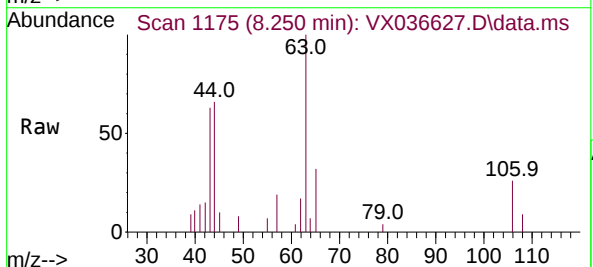
RT: 8.250 min Scan# 1175

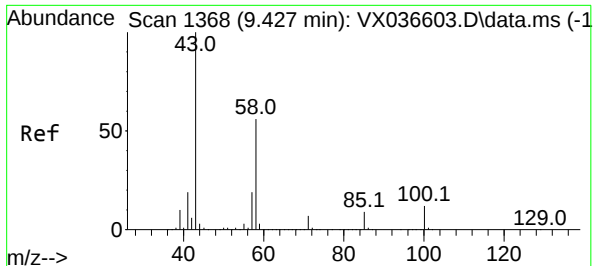
Delta R.T. 0.006 min

Lab File: VX036627.D

Acq: 24 Jul 2023 13:20

Tgt Ion: 63 Resp: 2901  
 Ion Ratio Lower Upper  
 63 100  
 106 27.6 22.5 33.7





#59

2-Hexanone

Concen: 1.071 ug/l

RT: 9.433 min Scan# 1369

Delta R.T. 0.006 min

Lab File: VX036627.D

Acq: 24 Jul 2023 13:20

Instrument :

MSVOA\_X

ClientSampleId :

MDL-WATER-03-QT3-2023

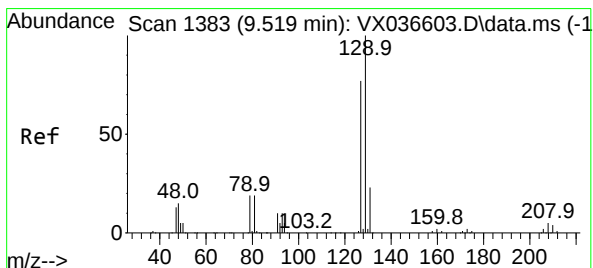
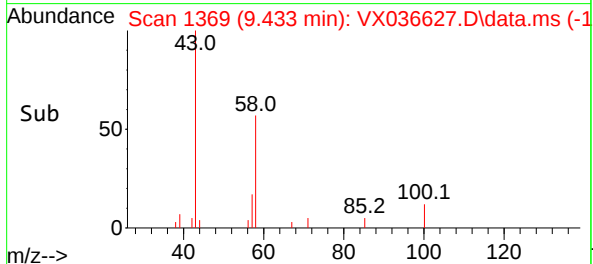
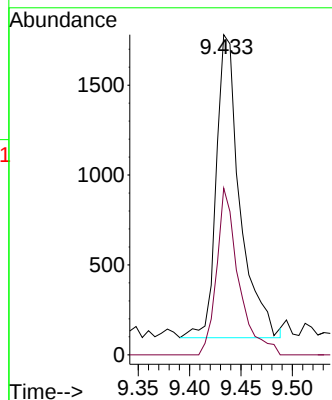
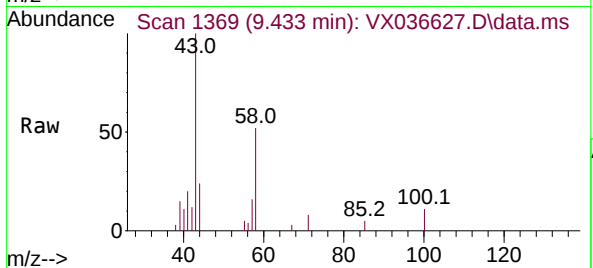
Tgt Ion: 43 Resp: 2704  
 Ion Ratio Lower Upper  
 43 100  
 58 50.9 26.2 78.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/25/2023

Supervised By :Mahesh Dadoda 07/25/2023



#60

Dibromochloromethane

Concen: 0.200 ug/l

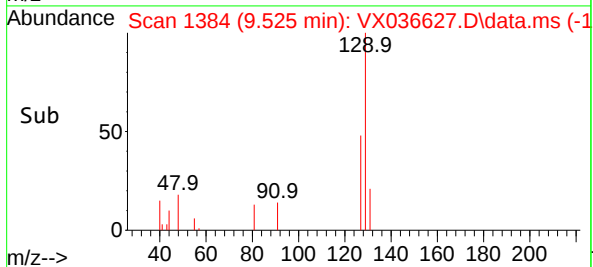
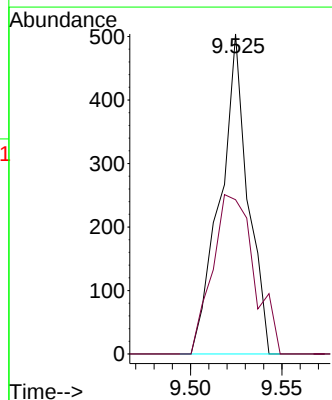
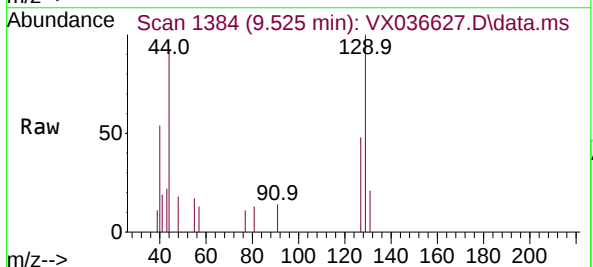
RT: 9.525 min Scan# 1384

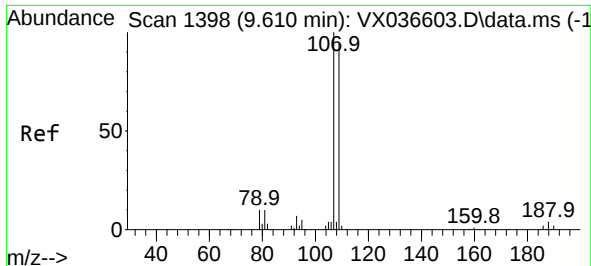
Delta R.T. 0.006 min

Lab File: VX036627.D

Acq: 24 Jul 2023 13:20

Tgt Ion:129 Resp: 531  
 Ion Ratio Lower Upper  
 129 100  
 127 74.8 38.8 116.4





#61

1,2-Dibromoethane

Concen: 0.200 ug/l

RT: 9.616 min Scan# 1398

Delta R.T. 0.006 min

Lab File: VX036627.D

Acq: 24 Jul 2023 13:20

Instrument :

MSVOA\_X

ClientSampleId :

MDL-WATER-03-QT3-2023

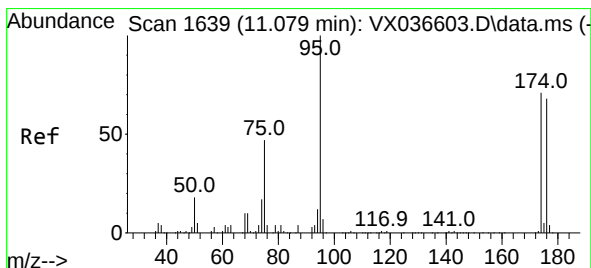
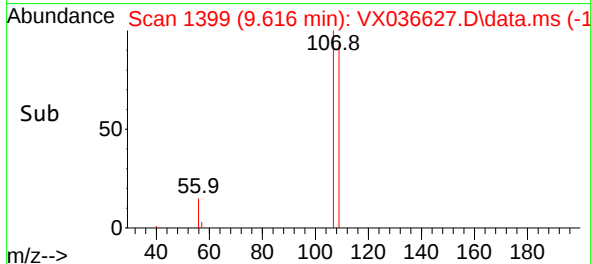
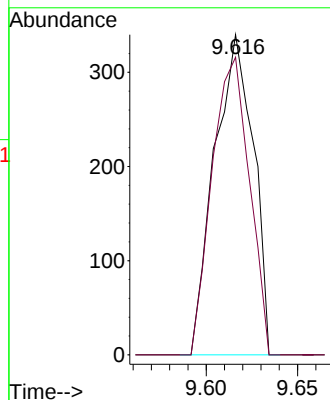
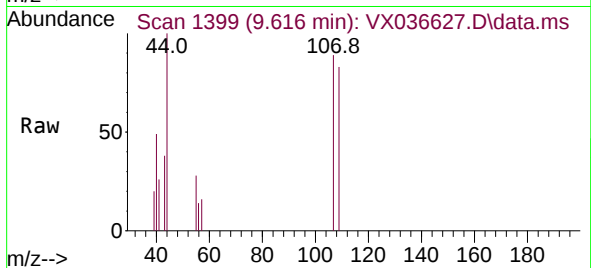
Tgt Ion:107 Resp: 50  
 Ion Ratio Lower Upper  
 107 100  
 109 89.8 75.2 112.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/25/2023

Supervised By :Mahesh Dadoda 07/25/2023



#62

4-Bromofluorobenzene

Concen: 49.163 ug/l

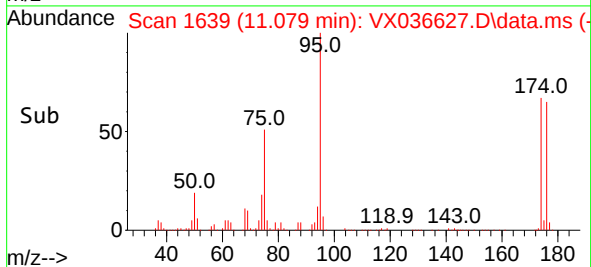
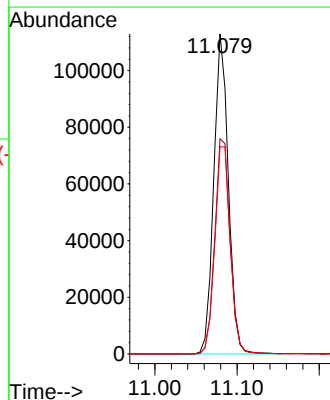
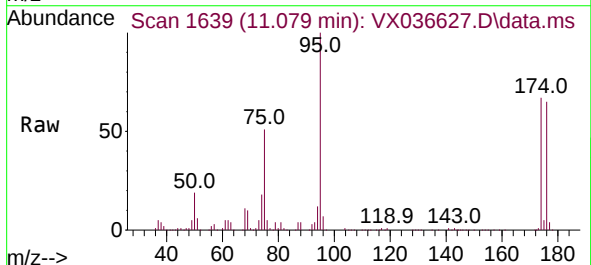
RT: 11.079 min Scan# 1639

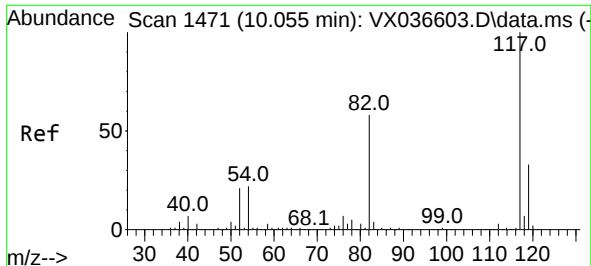
Delta R.T. 0.000 min

Lab File: VX036627.D

Acq: 24 Jul 2023 13:20

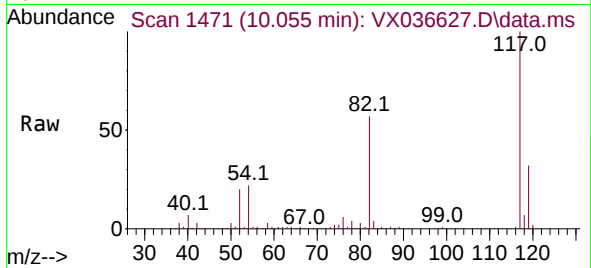
Tgt Ion: 95 Resp: 139205  
 Ion Ratio Lower Upper  
 95 100  
 174 70.6 0.0 135.6  
 176 68.8 0.0 131.0





#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.055 min Scan# 1471  
Delta R.T. 0.000 min  
Lab File: VX036627.D  
Acq: 24 Jul 2023 13:20

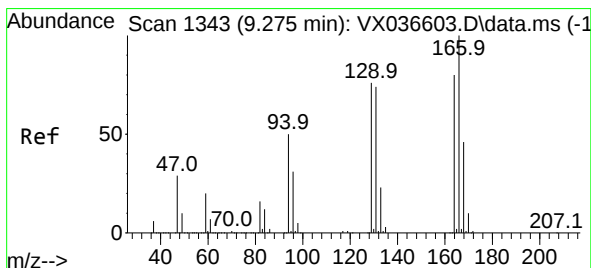
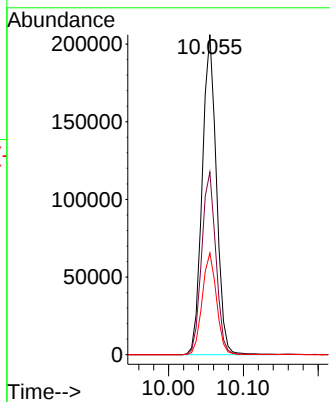
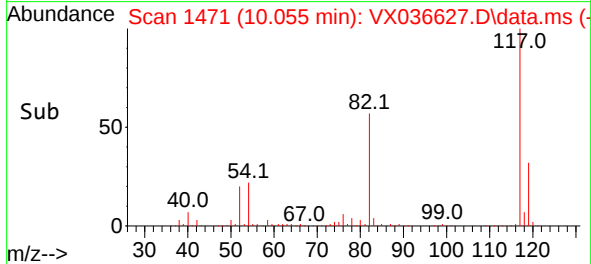
Instrument : MSVOA\_X  
ClientSampleId : MDL-WATER-03-QT3-2023



Tgt Ion:117 Resp: 27185  
Ion Ratio Lower Upper  
117 100  
82 57.0 46.2 69.4  
119 31.8 25.5 38.3

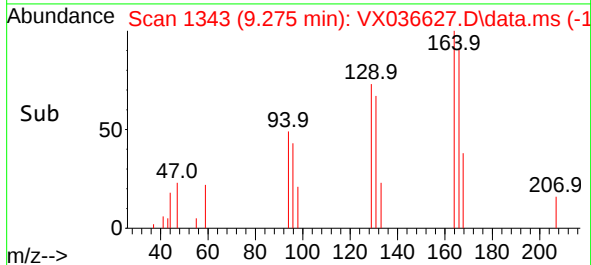
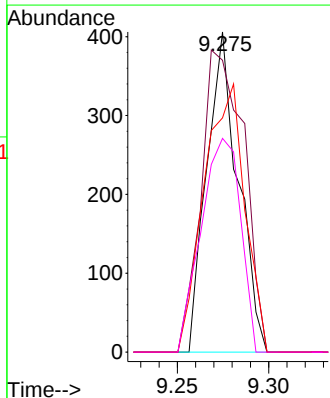
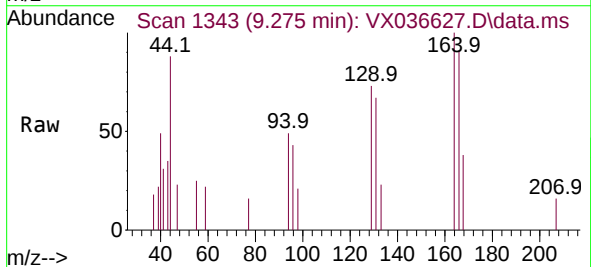
Manual Integrations  
APPROVED

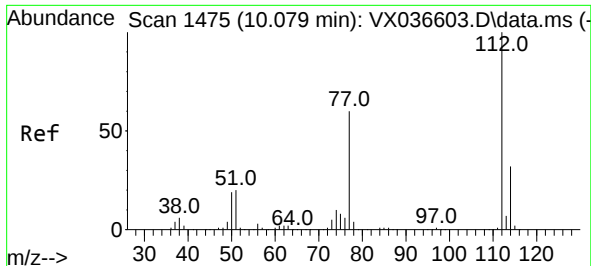
Reviewed By :John Carlone 07/25/2023  
Supervised By :Mahesh Dadoda 07/25/2023



#64  
Tetrachloroethene  
Concen: 0.240 ug/l  
RT: 9.275 min Scan# 1343  
Delta R.T. 0.000 min  
Lab File: VX036627.D  
Acq: 24 Jul 2023 13:20

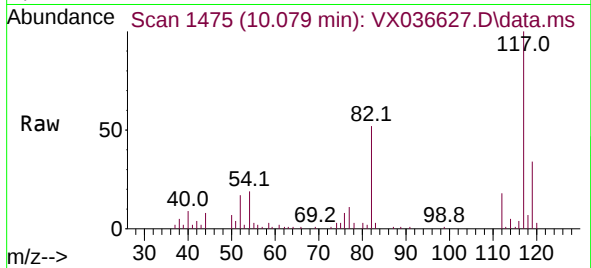
Tgt Ion:164 Resp: 486  
Ion Ratio Lower Upper  
164 100  
166 91.1 102.7 154.1#  
129 73.2 80.4 120.6#  
131 66.7 76.5 114.7#





#65  
Chlorobenzene  
Concen: 0.235 ug/l  
RT: 10.079 min Scan# 1475  
Delta R.T. 0.000 min  
Lab File: VX036627.D  
Acq: 24 Jul 2023 13:20

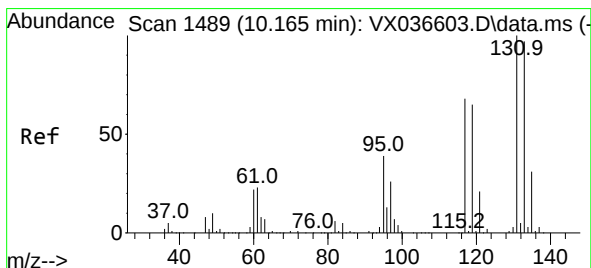
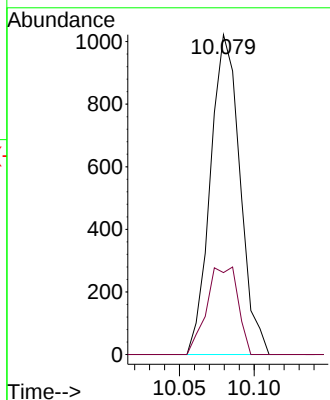
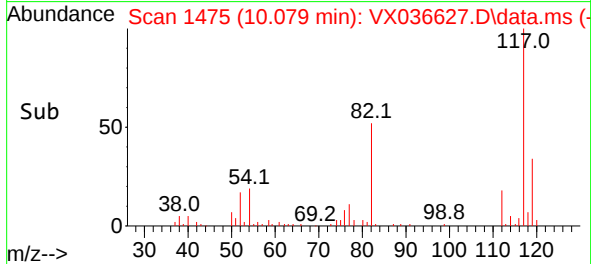
Instrument :  
MSVOA\_X  
ClientSampleId :  
MDL-WATER-03-QT3-2023



Tgt Ion:112 Resp: 140  
Ion Ratio Lower Upper  
112 100  
114 25.6 25.7 38.5

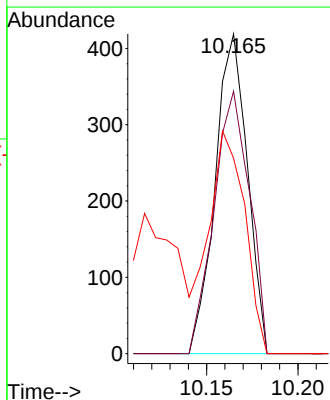
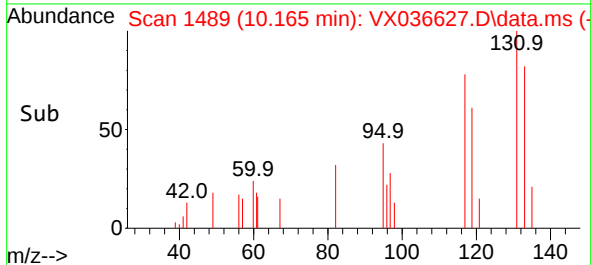
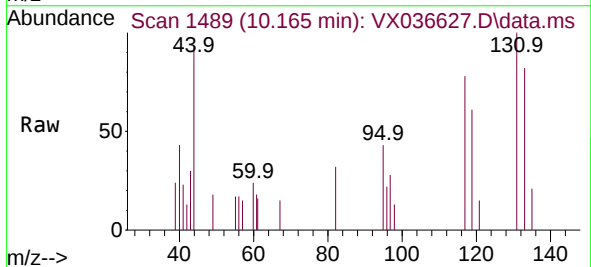
Manual Integrations  
APPROVED

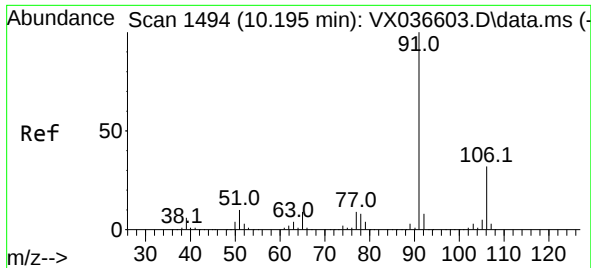
Reviewed By :John Carlone 07/25/2023  
Supervised By :Mahesh Dadoda 07/25/2023



#66  
1,1,1,2-Tetrachloroethane  
Concen: 0.221 ug/l  
RT: 10.165 min Scan# 1489  
Delta R.T. 0.000 min  
Lab File: VX036627.D  
Acq: 24 Jul 2023 13:20

Tgt Ion:131 Resp: 512  
Ion Ratio Lower Upper  
131 100  
133 90.8 47.1 141.4  
119 0.0 32.2 96.6





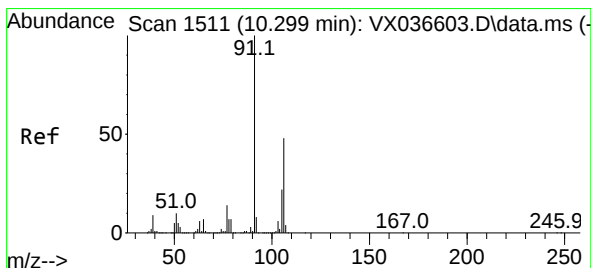
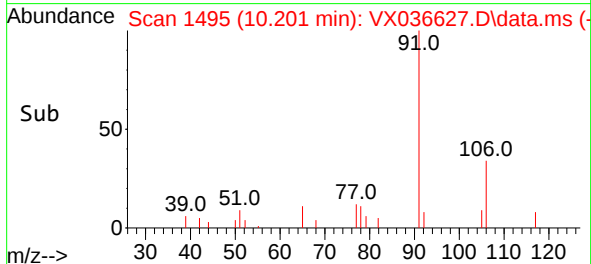
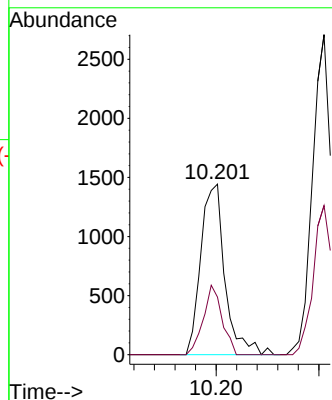
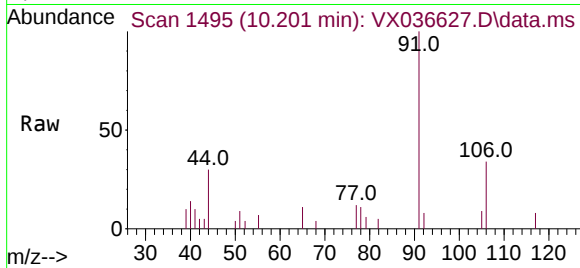
#67  
Ethyl Benzene  
Concen: 0.215 ug/l  
RT: 10.201 min Scan# 1495  
Delta R.T. 0.006 min  
Lab File: VX036627.D  
Acq: 24 Jul 2023 13:20

Instrument :  
MSVOA\_X  
ClientSampleId :  
MDL-WATER-03-QT3-2023

Tgt Ion: 91 Resp: 2359  
Ion Ratio Lower Upper  
91 100  
106 33.7 24.9 37.3

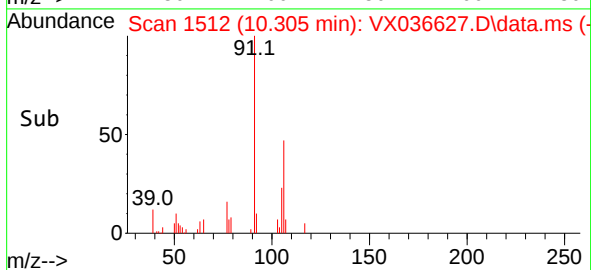
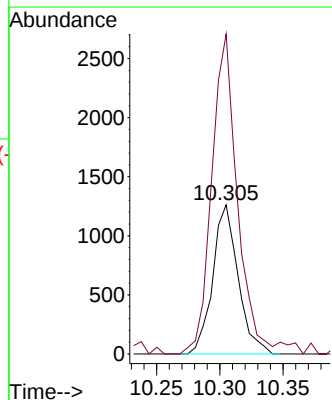
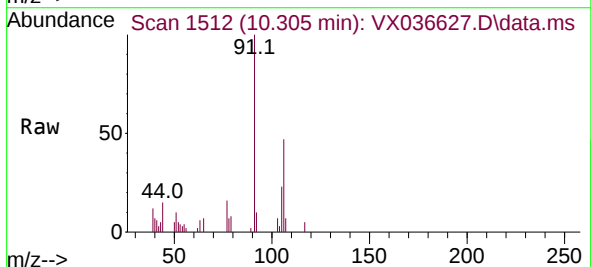
Manual Integrations  
APPROVED

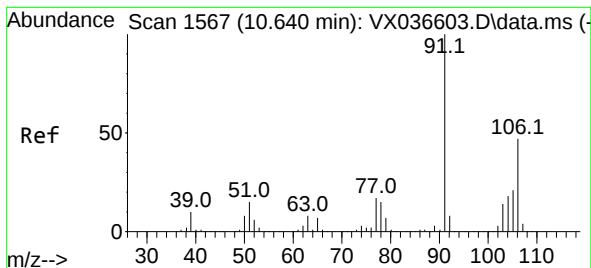
Reviewed By :John Carlone 07/25/2023  
Supervised By :Mahesh Dadoda 07/25/2023



#68  
m/p-Xylenes  
Concen: 0.431 ug/l  
RT: 10.305 min Scan# 1512  
Delta R.T. 0.006 min  
Lab File: VX036627.D  
Acq: 24 Jul 2023 13:20

Tgt Ion:106 Resp: 1762  
Ion Ratio Lower Upper  
106 100  
91 214.8 165.5 248.3





#69

o-Xylene

Concen: 0.219 ug/l

RT: 10.640 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX036627.D

Acq: 24 Jul 2023 13:20

Instrument :

MSVOA\_X

ClientSampleId :

MDL-WATER-03-QT3-2023

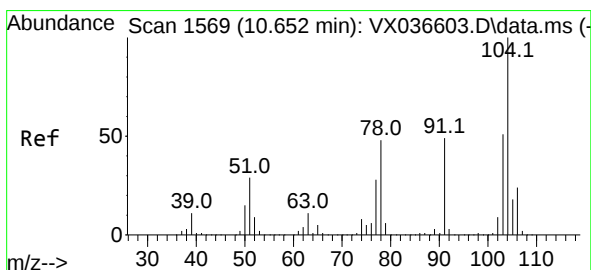
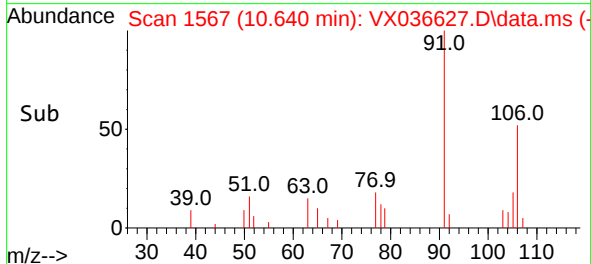
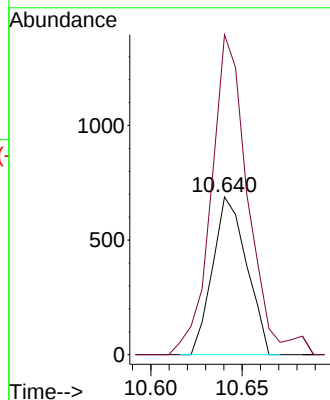
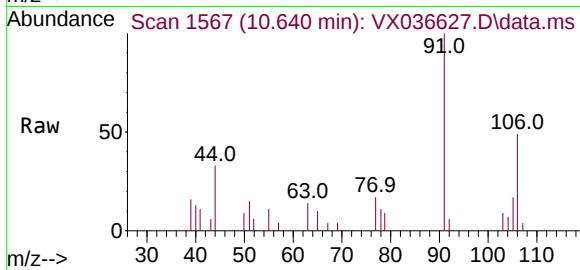
Tgt Ion:106 Resp: 892  
 Ion Ratio Lower Upper  
 106 100  
 91 219.1 108.9 326.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/25/2023

Supervised By :Mahesh Dadoda 07/25/2023



#70

Styrene

Concen: 0.211 ug/l

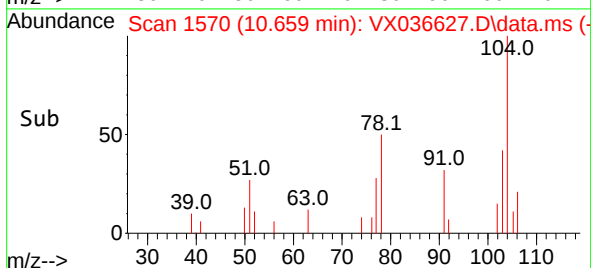
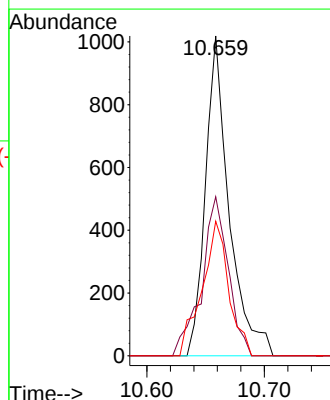
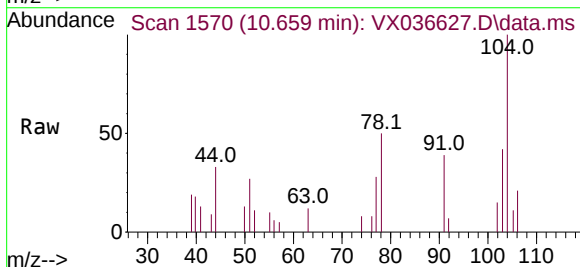
RT: 10.659 min Scan# 1570

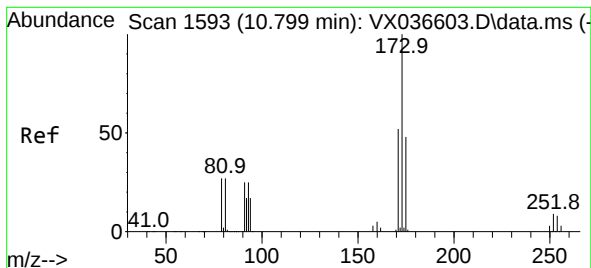
Delta R.T. 0.006 min

Lab File: VX036627.D

Acq: 24 Jul 2023 13:20

Tgt Ion:104 Resp: 1420  
 Ion Ratio Lower Upper  
 104 100  
 78 56.1 43.6 65.4  
 103 47.6 43.6 65.4





#71

Bromoform

Concen: 0.181 ug/l

RT: 10.799 min Scan# 1593

Delta R.T. 0.000 min

Lab File: VX036627.D

Acq: 24 Jul 2023 13:20

Instrument :

MSVOA\_X

ClientSampleId :

MDL-WATER-03-QT3-2023

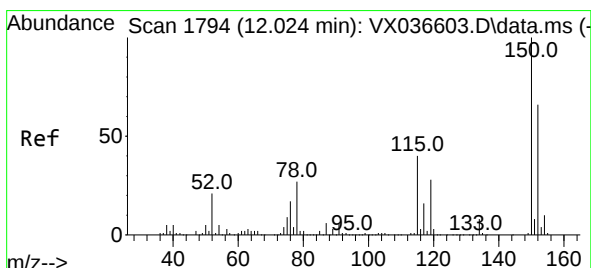
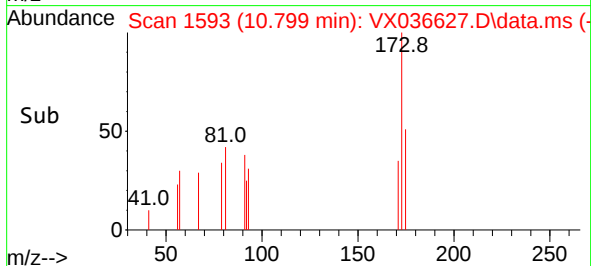
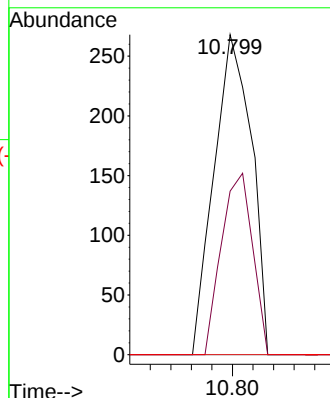
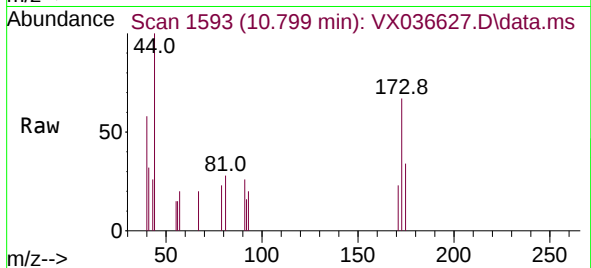
|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 173   | Resp: | 339  |
| Ion Ratio | Lower | Upper |      |
| 173       | 100   |       |      |
| 175       | 0.0   | 24.1  | 72.4 |
| 254       | 0.0   | 0.0   | 0.0  |

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/25/2023

Supervised By :Mahesh Dadoda 07/25/2023



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

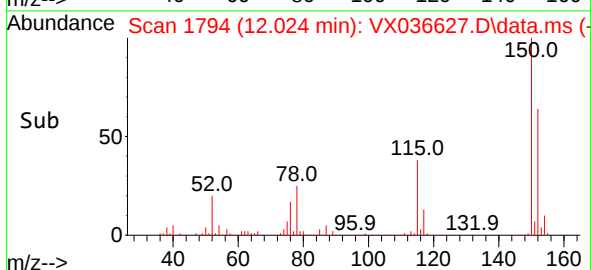
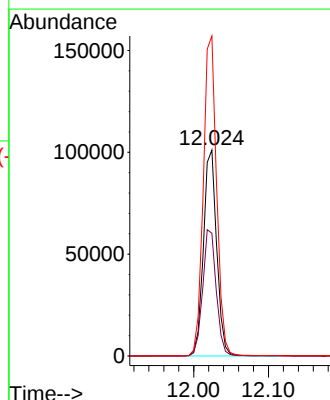
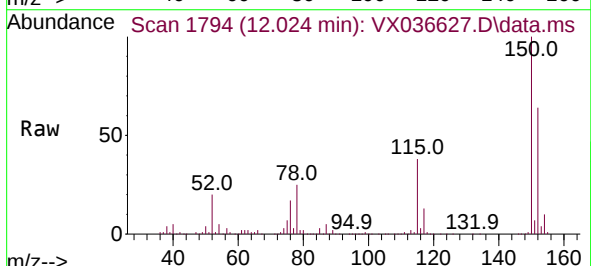
RT: 12.024 min Scan# 1794

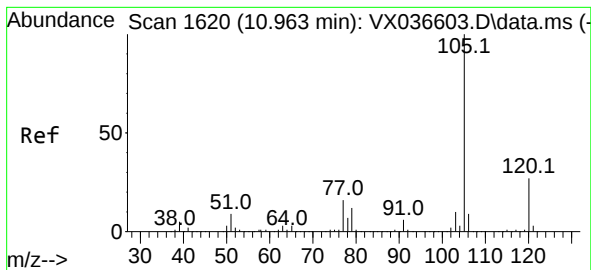
Delta R.T. 0.000 min

Lab File: VX036627.D

Acq: 24 Jul 2023 13:20

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 152   | Resp: | 124542 |
| Ion Ratio | Lower | Upper |        |
| 152       | 100   |       |        |
| 115       | 62.5  | 43.3  | 129.9  |
| 150       | 156.0 | 0.0   | 345.0  |





#73

Isopropylbenzene

Concen: 0.224 ug/l

RT: 10.963 min Scan# 1620

Delta R.T. 0.000 min

Lab File: VX036627.D

Acq: 24 Jul 2023 13:20

Instrument :

MSVOA\_X

ClientSampleId :

MDL-WATER-03-QT3-2023

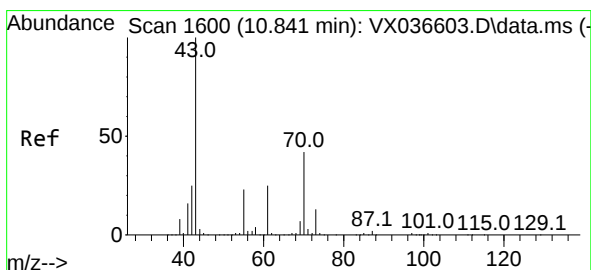
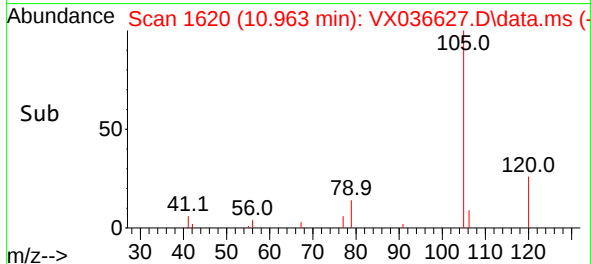
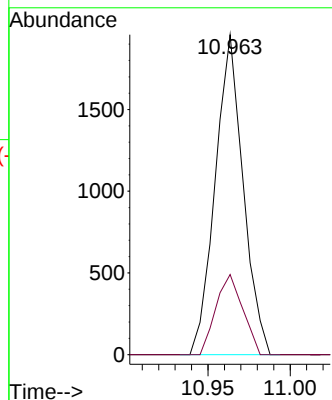
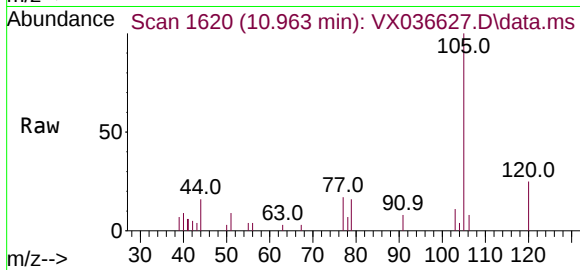
Tgt Ion:105 Resp: 2310  
 Ion Ratio Lower Upper  
 105 100  
 120 24.0 12.9 38.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/25/2023

Supervised By :Mahesh Dadoda 07/25/2023



#74

N-ethyl acetate

Concen: 0.260 ug/l

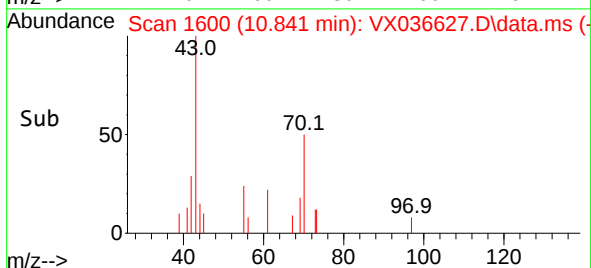
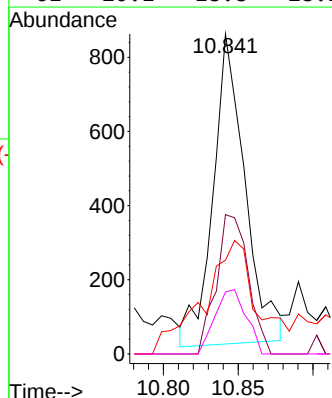
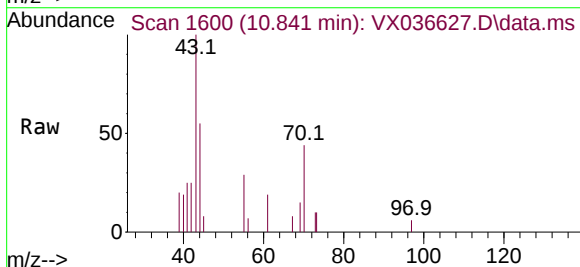
RT: 10.841 min Scan# 1600

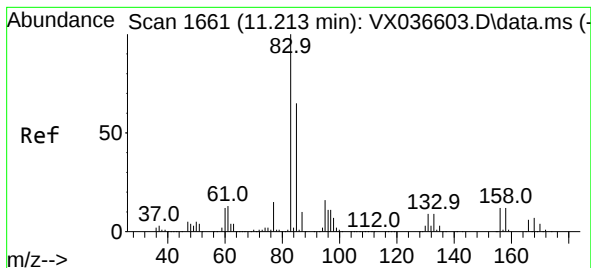
Delta R.T. 0.000 min

Lab File: VX036627.D

Acq: 24 Jul 2023 13:20

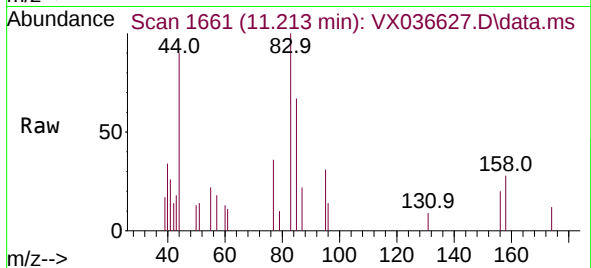
Tgt Ion: 43 Resp: 1248  
 Ion Ratio Lower Upper  
 43 100  
 70 44.7 32.9 49.3  
 55 61.7 19.3 28.9#  
 61 20.1 18.8 28.2





#75  
1,1,2,2-Tetrachloroethane  
Concen: 0.243 ug/l  
RT: 11.213 min Scan# 1661  
Delta R.T. 0.000 min  
Lab File: VX036627.D  
Acq: 24 Jul 2023 13:20

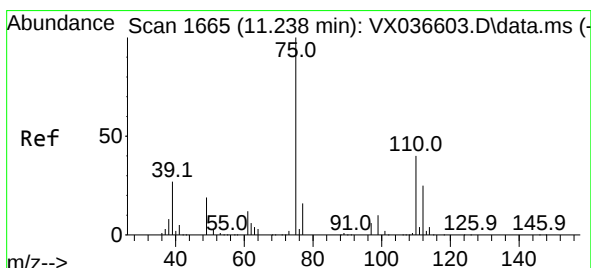
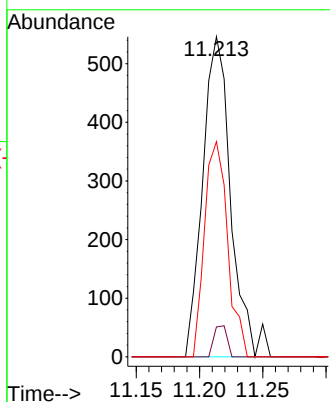
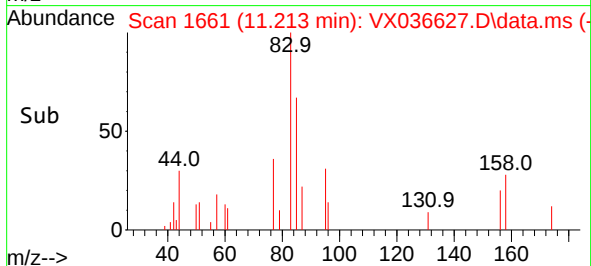
Instrument :  
MSVOA\_X  
ClientSampleId :  
MDL-WATER-03-QT3-2023



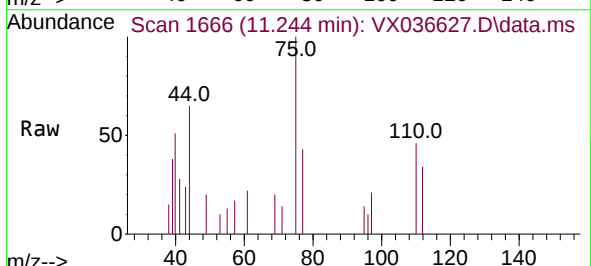
Tgt Ion: 83 Resp: 840  
Ion Ratio Lower Upper  
83 100  
131 4.5 5.3 15.8  
85 55.1 32.0 96.2

Manual Integrations  
APPROVED

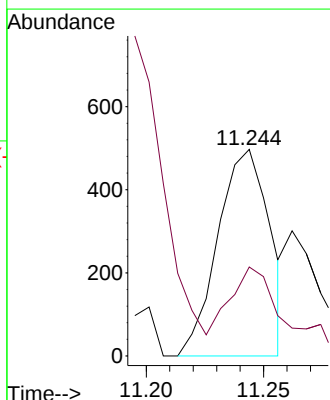
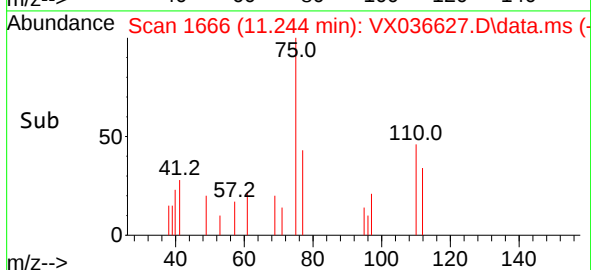
Reviewed By :John Carlone 07/25/2023  
Supervised By :Mahesh Dadoda 07/25/2023

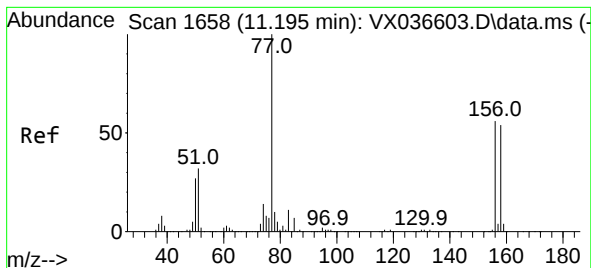


#76  
1,2,3-Trichloropropane  
Concen: 0.261 ug/l m  
RT: 11.244 min Scan# 1666  
Delta R.T. 0.006 min  
Lab File: VX036627.D  
Acq: 24 Jul 2023 13:20



Tgt Ion: 75 Resp: 764  
Ion Ratio Lower Upper  
75 100  
77 116.1 19.1 57.5#





#77

Bromobenzene

Concen: 0.194 ug/l

RT: 11.201 min Scan# 1659

Delta R.T. 0.006 min

Lab File: VX036627.D

Acq: 24 Jul 2023 13:20

Instrument :

MSVOA\_X

ClientSampleId :

MDL-WATER-03-QT3-2023

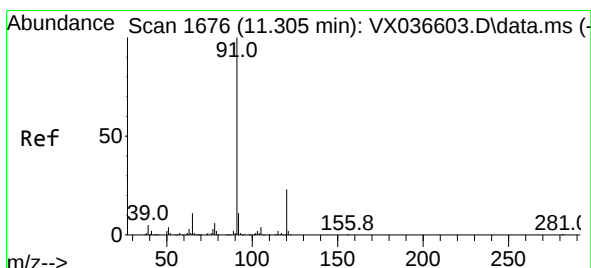
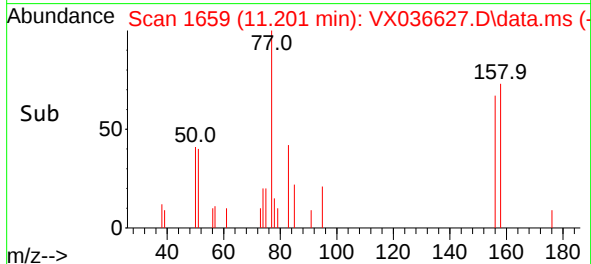
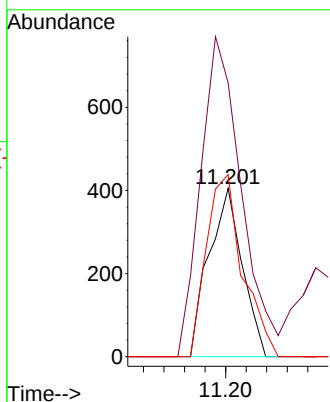
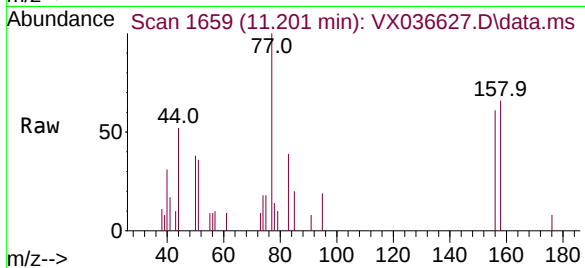
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 156   | Resp: | 450   |
| Ion Ratio | Lower | Upper |       |
| 156       | 100   |       |       |
| 77        | 232.2 | 88.4  | 265.3 |
| 158       | 117.3 | 48.0  | 144.0 |

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/25/2023

Supervised By :Mahesh Dadoda 07/25/2023



#78

n-propylbenzene

Concen: 0.232 ug/l

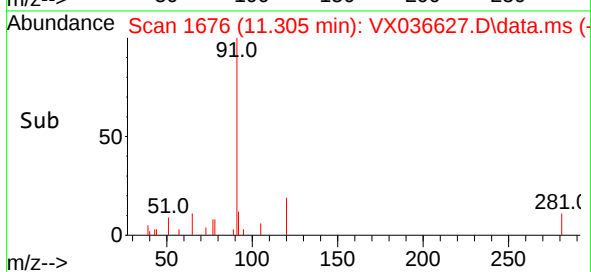
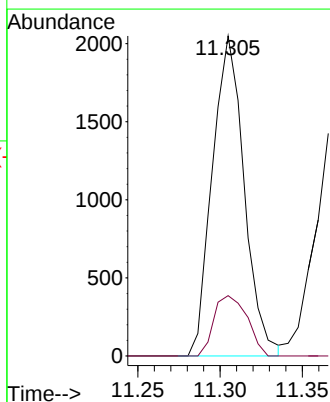
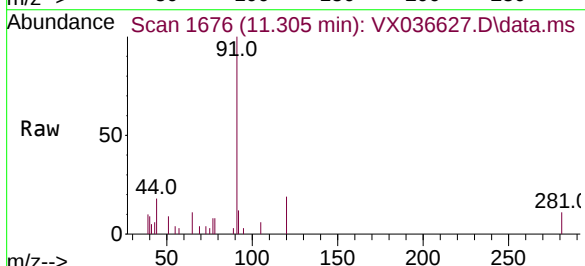
RT: 11.305 min Scan# 1676

Delta R.T. 0.000 min

Lab File: VX036627.D

Acq: 24 Jul 2023 13:20

|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 91    | Resp: | 2764 |
| Ion Ratio | Lower | Upper |      |
| 91        | 100   |       |      |
| 120       | 19.6  | 11.5  | 34.4 |





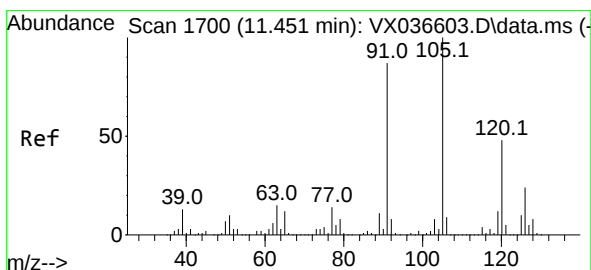
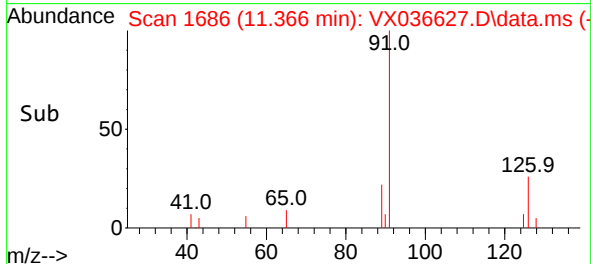
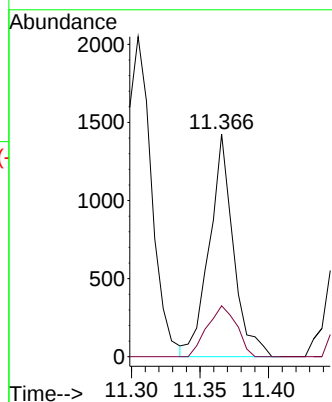
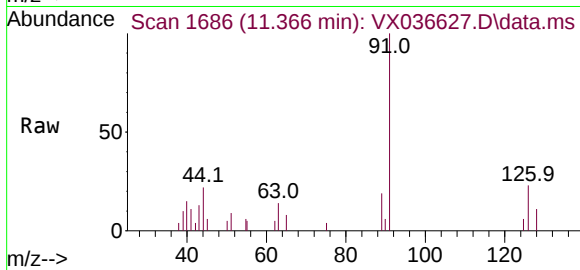
#79  
2-Chlorotoluene  
Concen: 0.241 ug/l  
RT: 11.366 min Scan# 1686  
Delta R.T. 0.000 min  
Lab File: VX036627.D  
Acq: 24 Jul 2023 13:20

Instrument :  
MSVOA\_X  
ClientSampleId :  
MDL-WATER-03-QT3-2023

Tgt Ion: 91 Resp: 1740  
Ion Ratio Lower Upper  
91 100  
126 27.8 16.3 48.8

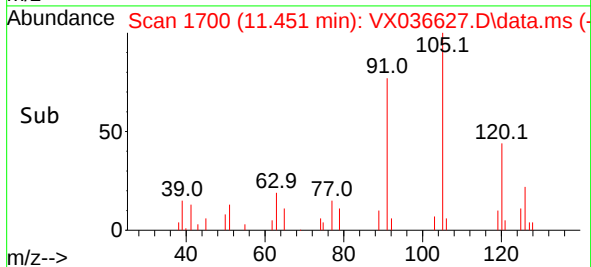
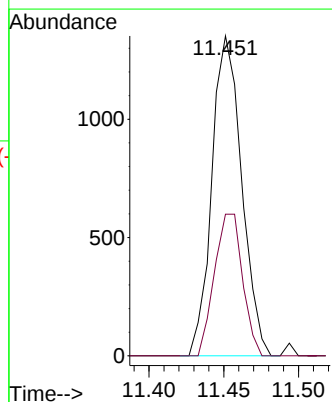
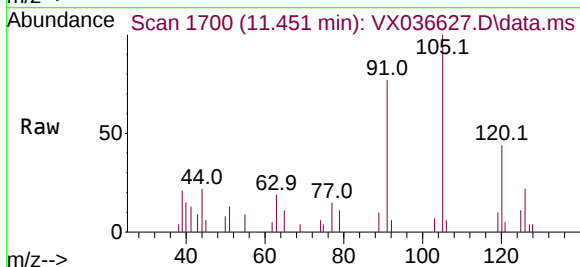
Manual Integrations  
APPROVED

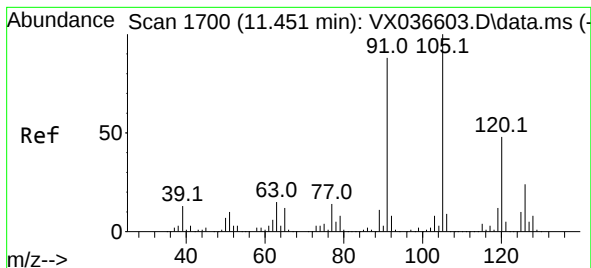
Reviewed By :John Carlone 07/25/2023  
Supervised By :Mahesh Dadoda 07/25/2023



#80  
1,3,5-Trimethylbenzene  
Concen: 0.217 ug/l  
RT: 11.451 min Scan# 1700  
Delta R.T. 0.000 min  
Lab File: VX036627.D  
Acq: 24 Jul 2023 13:20

Tgt Ion:105 Resp: 1875  
Ion Ratio Lower Upper  
105 100  
120 41.7 24.1 72.3





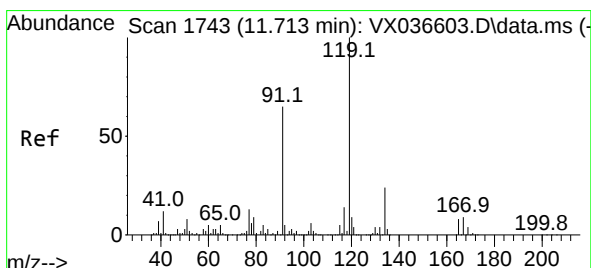
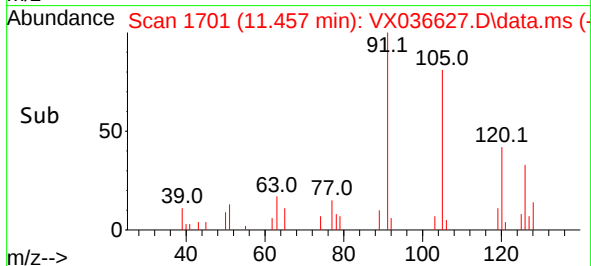
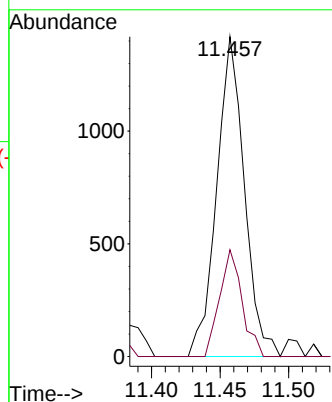
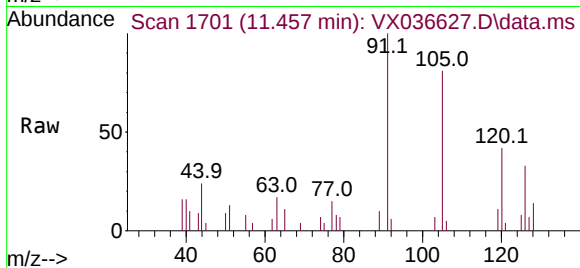
#82  
4-Chlorotoluene  
Concen: 0.242 ug/l  
RT: 11.457 min Scan# 1170  
Delta R.T. 0.006 min  
Lab File: VX036627.D  
Acq: 24 Jul 2023 13:20

Instrument :  
MSVOA\_X  
ClientSampleId :  
MDL-WATER-03-QT3-2023

Tgt Ion: 91 Resp: 199  
Ion Ratio Lower Upper  
91 100  
126 27.1 14.2 42.6

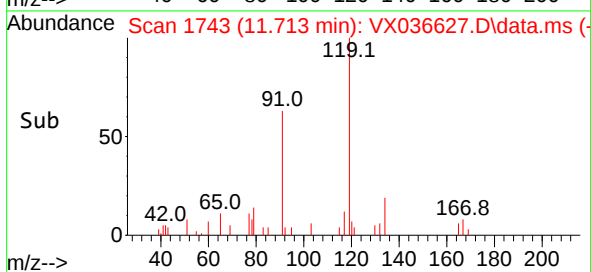
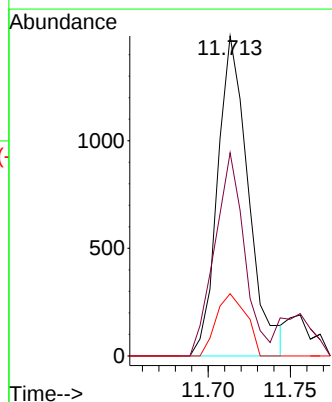
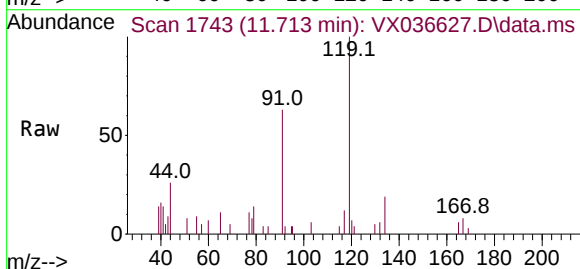
Manual Integrations  
APPROVED

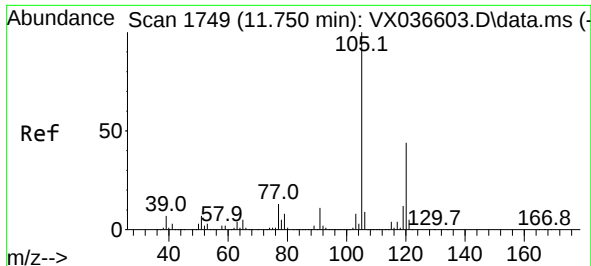
Reviewed By :John Carlone 07/25/2023  
Supervised By :Mahesh Dadoda 07/25/2023



#83  
tert-Butylbenzene  
Concen: 0.229 ug/l  
RT: 11.713 min Scan# 1743  
Delta R.T. 0.000 min  
Lab File: VX036627.D  
Acq: 24 Jul 2023 13:20

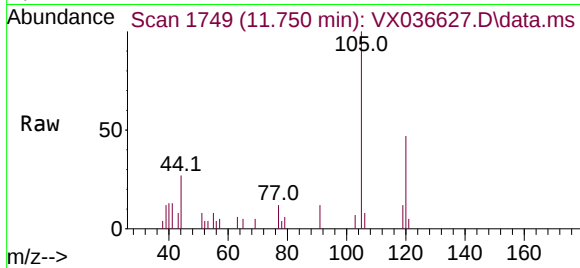
Tgt Ion:119 Resp: 1936  
Ion Ratio Lower Upper  
119 100  
91 61.4 31.2 93.6  
134 19.0 11.7 35.0





#84  
1,2,4-Trimethylbenzene  
Concen: 0.210 ug/l  
RT: 11.750 min Scan# 1749  
Delta R.T. 0.000 min  
Lab File: VX036627.D  
Acq: 24 Jul 2023 13:20

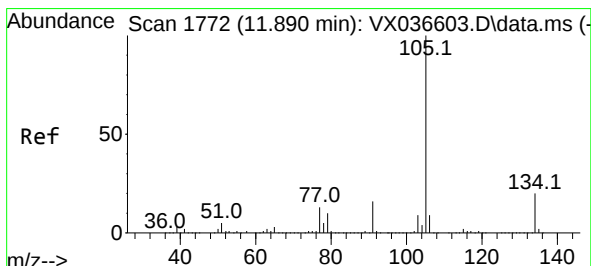
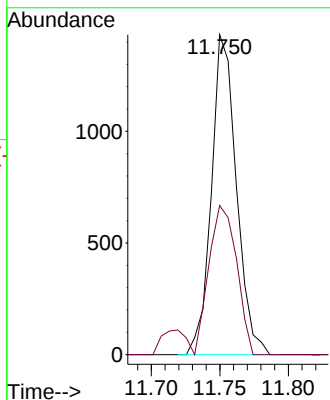
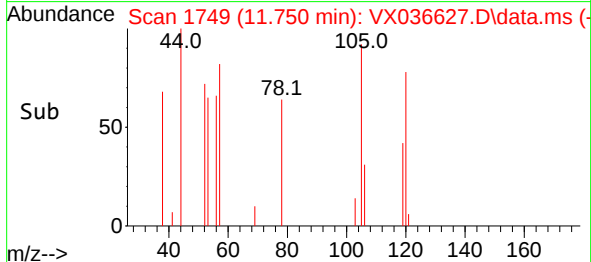
Instrument :  
MSVOA\_X  
ClientSampleId :  
MDL-WATER-03-QT3-2023



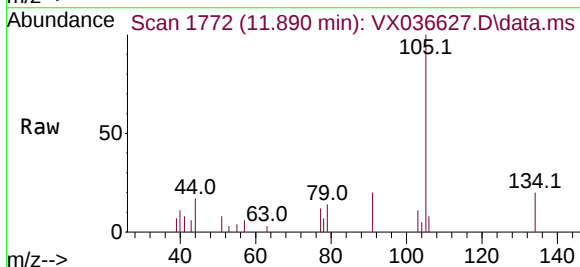
Tgt Ion:105 Resp: 1814  
Ion Ratio Lower Upper  
105 100  
120 51.8 21.2 63.6

Manual Integrations  
APPROVED

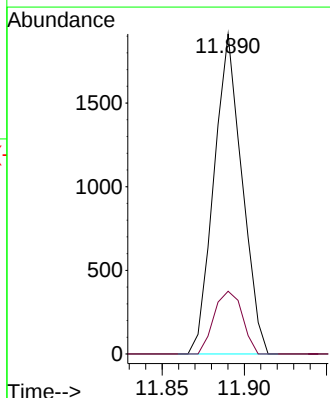
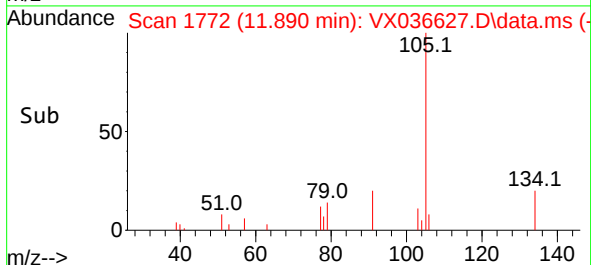
Reviewed By :John Carlone 07/25/2023  
Supervised By :Mahesh Dadoda 07/25/2023

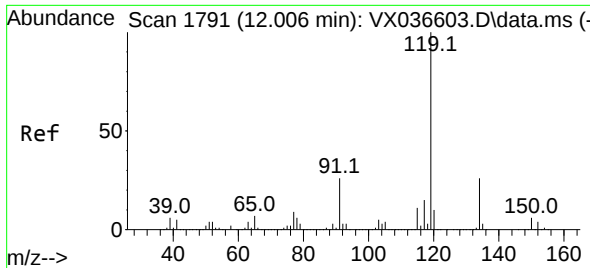


#85  
sec-Butylbenzene  
Concen: 0.215 ug/l  
RT: 11.890 min Scan# 1772  
Delta R.T. 0.000 min  
Lab File: VX036627.D  
Acq: 24 Jul 2023 13:20



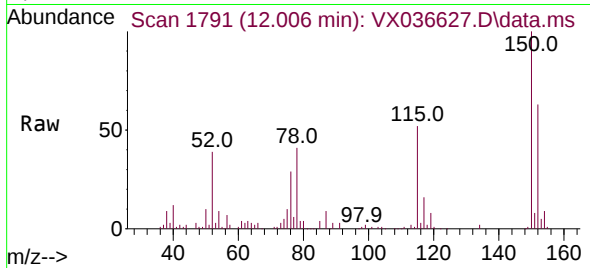
Tgt Ion:105 Resp: 2272  
Ion Ratio Lower Upper  
105 100  
134 19.7 9.8 29.4





#86  
p-Isopropyltoluene  
Concen: 0.211 ug/l  
RT: 12.006 min Scan# 1791  
Delta R.T. 0.000 min  
Lab File: VX036627.D  
Acq: 24 Jul 2023 13:20

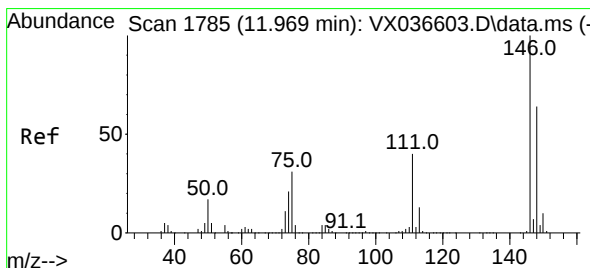
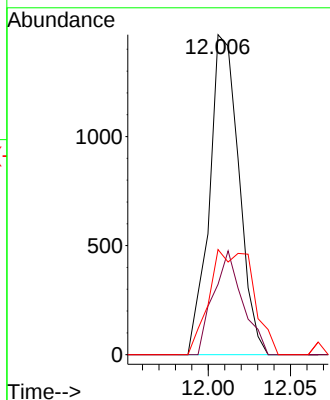
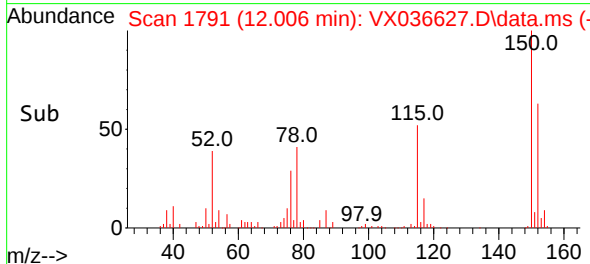
Instrument :  
MSVOA\_X  
ClientSampleId :  
MDL-WATER-03-QT3-2023



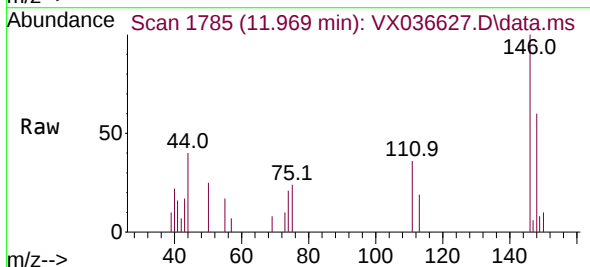
Tgt Ion:119 Resp: 183  
Ion Ratio Lower Upper  
119 100  
134 32.0 12.8 38.3  
91 49.0 13.1 39.3

Manual Integrations  
APPROVED

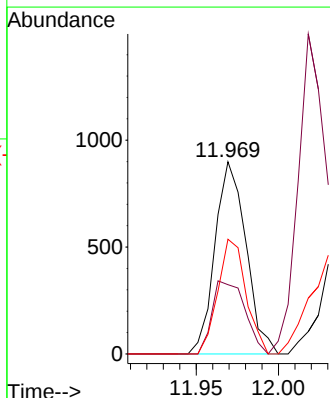
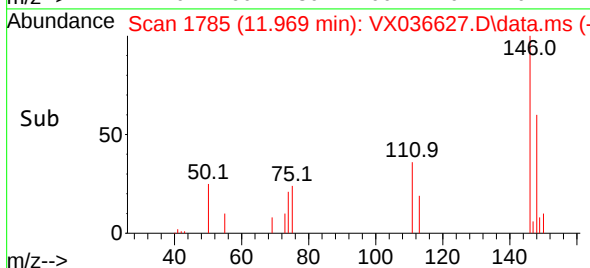
Reviewed By :John Carlone 07/25/2023  
Supervised By :Mahesh Dadoda 07/25/2023

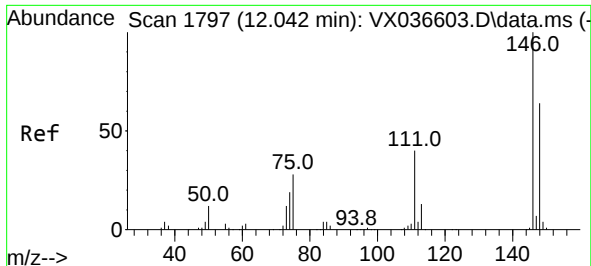


#87  
1,3-Dichlorobenzene  
Concen: 0.271 ug/l  
RT: 11.969 min Scan# 1785  
Delta R.T. 0.000 min  
Lab File: VX036627.D  
Acq: 24 Jul 2023 13:20



Tgt Ion:146 Resp: 1179  
Ion Ratio Lower Upper  
146 100  
111 40.1 22.1 66.1  
148 54.2 31.8 95.3





#88

1,4-Dichlorobenzene

Concen: 0.273 ug/l

RT: 11.969 min Scan# 1179

Delta R.T. -0.073 min

Lab File: VX036627.D

Acq: 24 Jul 2023 13:20

Instrument :

MSVOA\_X

ClientSampleId :

MDL-WATER-03-QT3-2023

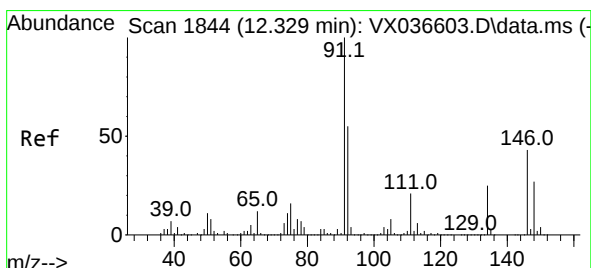
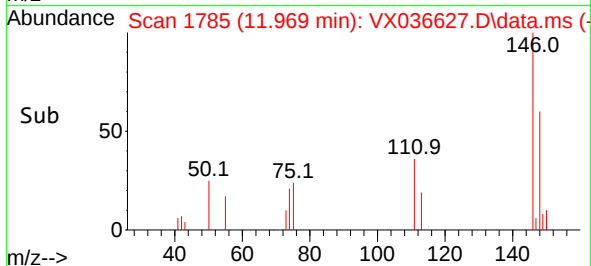
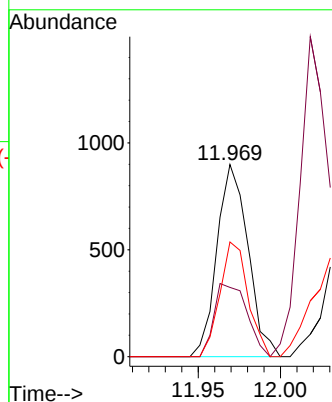
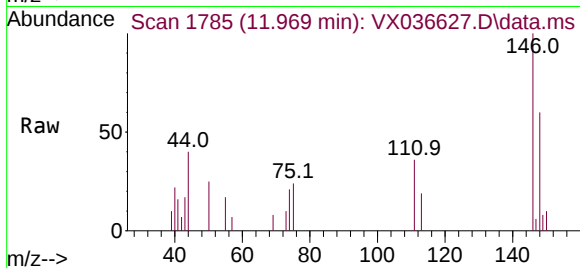
|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:146 | Resp: | 1179      |
| Ion Ratio   | Lower | Upper     |
| 146         | 100   |           |
| 111         | 40.1  | 21.3 63.7 |
| 148         | 54.2  | 31.8 95.4 |

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/25/2023

Supervised By :Mahesh Dadoda 07/25/2023



#89

n-Butylbenzene

Concen: 0.218 ug/l

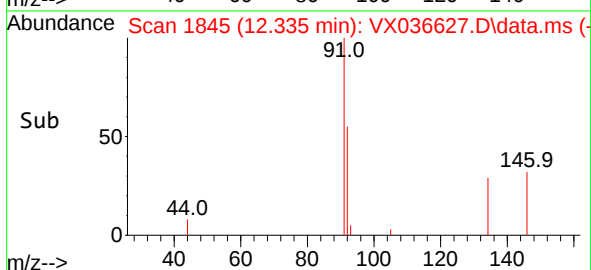
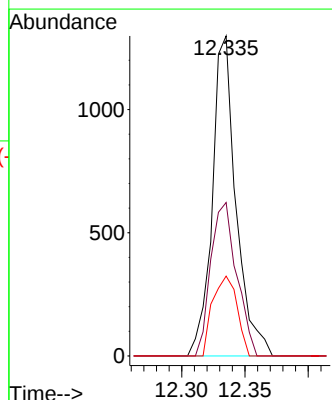
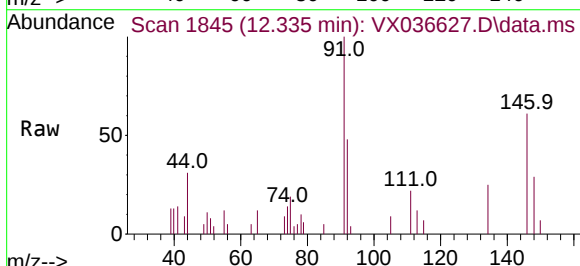
RT: 12.335 min Scan# 1845

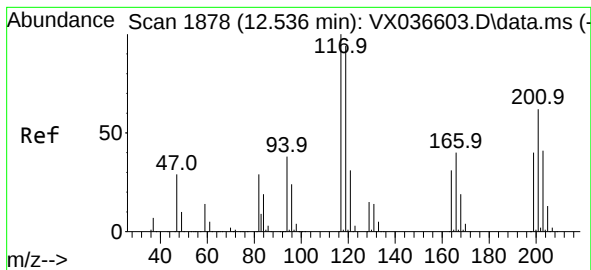
Delta R.T. 0.006 min

Lab File: VX036627.D

Acq: 24 Jul 2023 13:20

|             |       |           |
|-------------|-------|-----------|
| Tgt Ion: 91 | Resp: | 1696      |
| Ion Ratio   | Lower | Upper     |
| 91          | 100   |           |
| 92          | 52.1  | 27.4 82.0 |
| 134         | 25.5  | 12.6 37.8 |





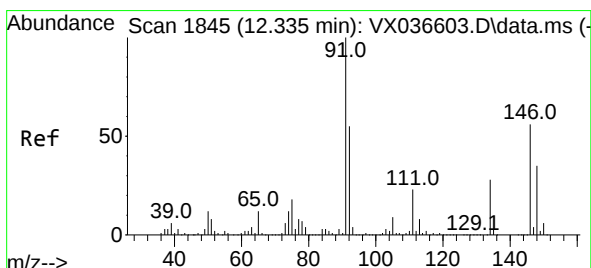
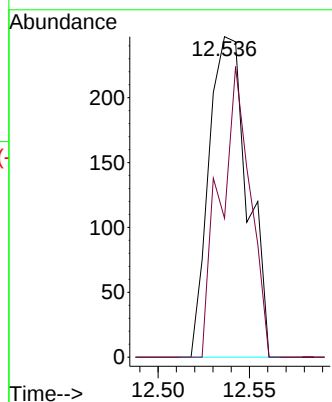
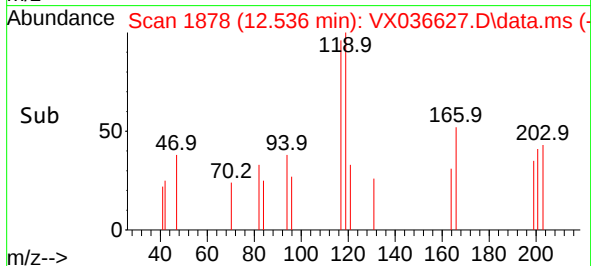
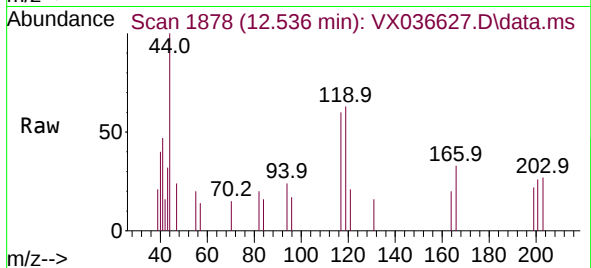
#90  
Hexachloroethane  
Concen: 0.206 ug/l  
RT: 12.536 min Scan# 1878  
Delta R.T. 0.000 min  
Lab File: VX036627.D  
Acq: 24 Jul 2023 13:20

Instrument :  
MSVOA\_X  
ClientSampleId :  
MDL-WATER-03-QT3-2023

Tgt Ion:117 Resp: 361  
Ion Ratio Lower Upper  
117 100  
201 70.8 32.9 98.6

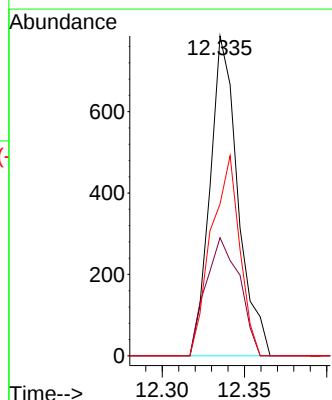
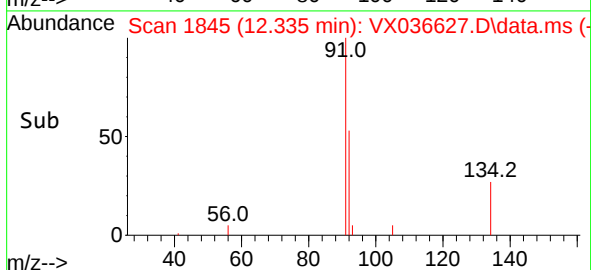
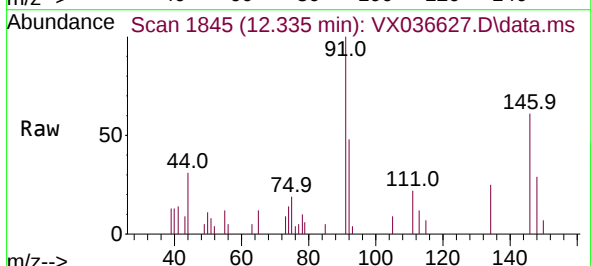
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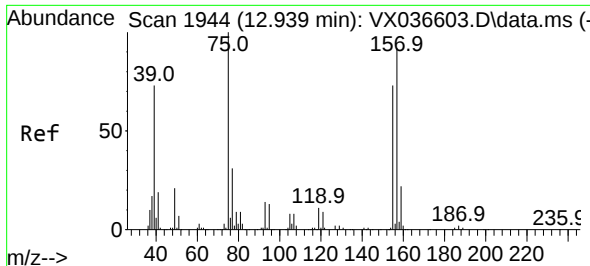
Reviewed By :John Carlone 07/25/2023  
Supervised By :Mahesh Dadoda 07/25/2023



#91  
1,2-Dichlorobenzene  
Concen: 0.221 ug/l  
RT: 12.335 min Scan# 1845  
Delta R.T. 0.000 min  
Lab File: VX036627.D  
Acq: 24 Jul 2023 13:20

Tgt Ion:146 Resp: 926  
Ion Ratio Lower Upper  
146 100  
111 44.6 22.4 67.0  
148 63.7 31.6 95.0





#92

1,2-Dibromo-3-Chloropropane

Concen: 0.180 ug/l

RT: 12.945 min Scan# 1944

Delta R.T. 0.006 min

Lab File: VX036627.D

Acq: 24 Jul 2023 13:20

Instrument :

MSVOA\_X

ClientSampleId :

MDL-WATER-03-QT3-2023

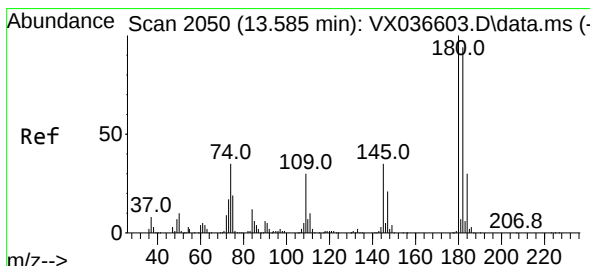
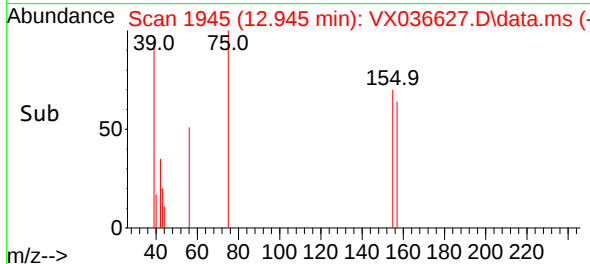
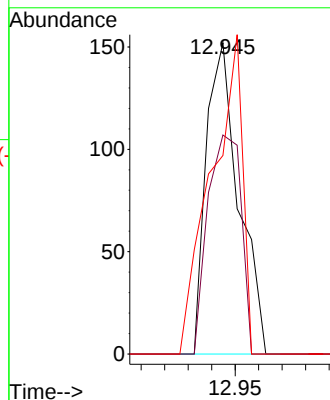
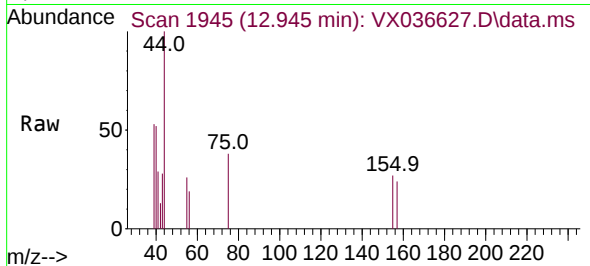
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 75    | Resp: | 140   |
| Ion Ratio | Lower | Upper |       |
| 75        | 100   |       |       |
| 155       | 71.9  | 36.1  | 108.5 |
| 157       | 97.9  | 44.9  | 134.7 |

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Reviewed By :John Carlone 07/25/2023

Supervised By :Mahesh Dadoda 07/25/2023



#93

1,2,4-Trichlorobenzene

Concen: 0.251 ug/l

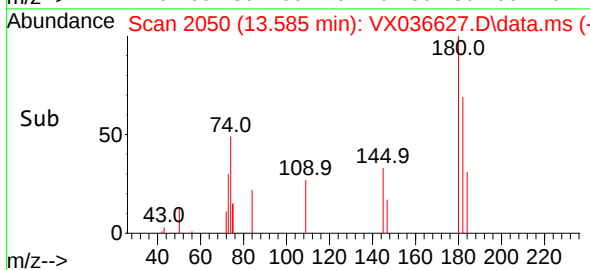
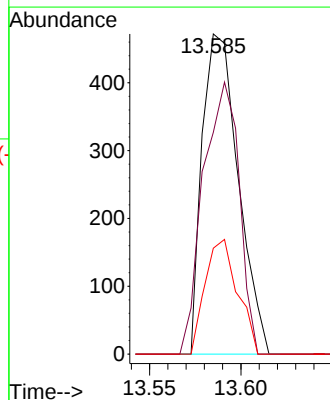
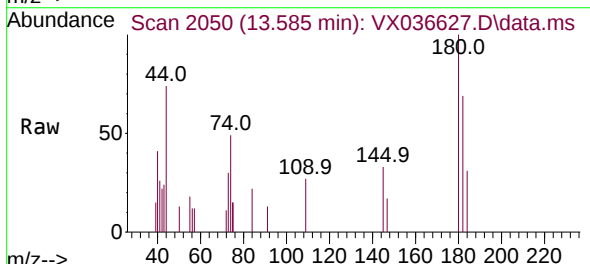
RT: 13.585 min Scan# 2050

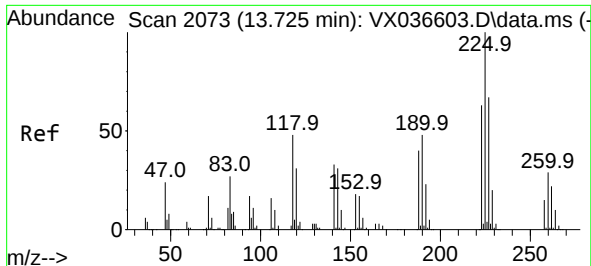
Delta R.T. 0.000 min

Lab File: VX036627.D

Acq: 24 Jul 2023 13:20

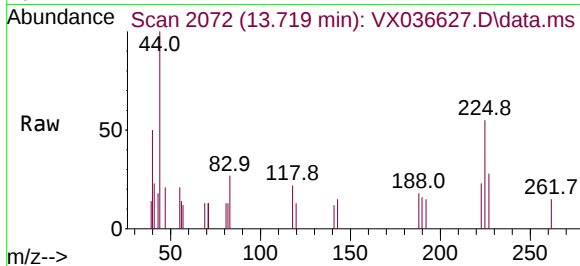
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 180   | Resp: | 649   |
| Ion Ratio | Lower | Upper |       |
| 180       | 100   |       |       |
| 182       | 84.3  | 48.3  | 144.8 |
| 145       | 32.2  | 18.0  | 54.0  |





#94  
Hexachlorobutadiene  
Concen: 0.227 ug/l  
RT: 13.719 min Scan# 2072  
Delta R.T. -0.006 min  
Lab File: VX036627.D  
Acq: 24 Jul 2023 13:20

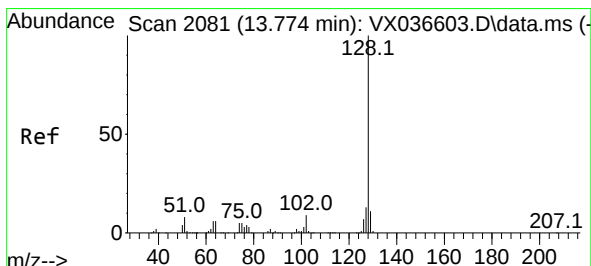
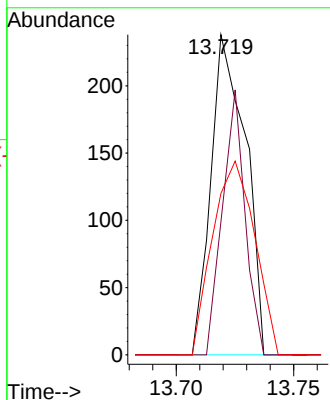
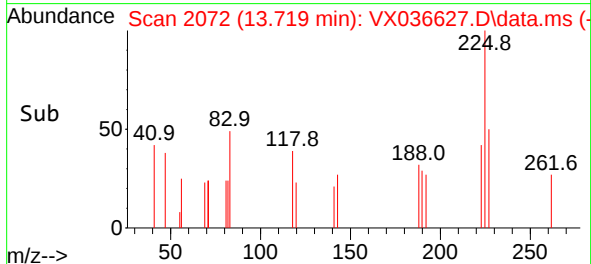
Instrument :  
MSVOA\_X  
ClientSampleId :  
MDL-WATER-03-QT3-2023



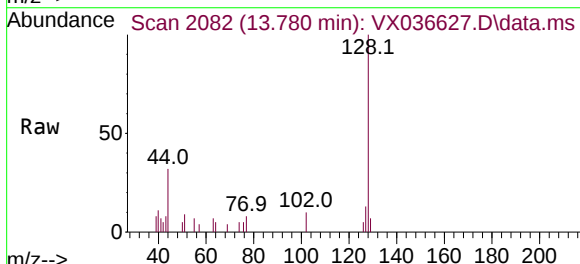
Tgt Ion:225 Resp: 24.1  
Ion Ratio Lower Upper  
225 100  
223 53.9 31.1 93.2  
227 74.1 32.5 97.5

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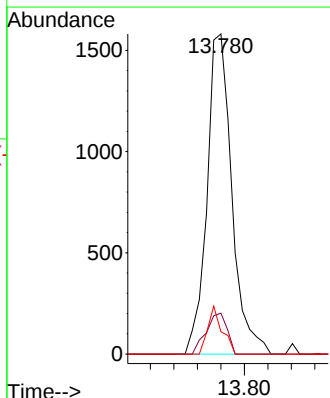
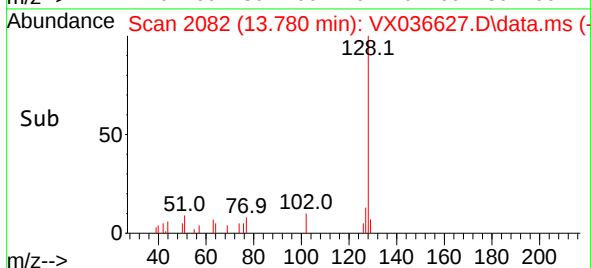
Reviewed By :John Carlone 07/25/2023  
Supervised By :Mahesh Dadoda 07/25/2023

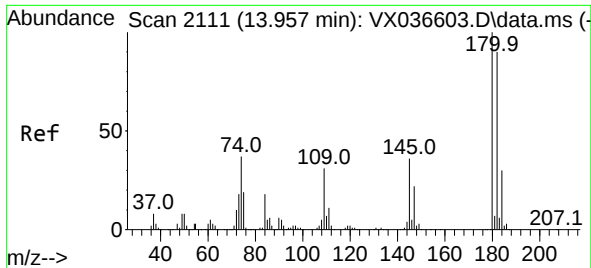


#95  
Naphthalene  
Concen: 0.258 ug/l  
RT: 13.780 min Scan# 2082  
Delta R.T. 0.006 min  
Lab File: VX036627.D  
Acq: 24 Jul 2023 13:20



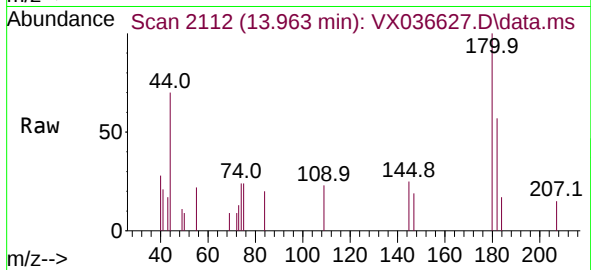
Tgt Ion:128 Resp: 2324  
Ion Ratio Lower Upper  
128 100  
127 10.7 10.3 15.5  
129 8.6 8.8 13.2#





#96  
 1,2,3-Trichlorobenzene  
 Concen: 0.251 ug/l  
 RT: 13.963 min Scan# 2112  
 Delta R.T. 0.006 min  
 Lab File: VX036627.D  
 Acq: 24 Jul 2023 13:20

Instrument : MSVOA\_X  
 ClientSampleId : MDL-WATER-03-QT3-2023



|             |       |            |
|-------------|-------|------------|
| Tgt Ion:180 | Resp: | 640        |
| Ion Ratio   | Lower | Upper      |
| 180         | 100   |            |
| 182         | 89.1  | 46.9 140.6 |
| 145         | 25.9  | 17.8 53.5  |

Manual Integrations  
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Reviewed By :John Carlone 07/25/2023  
 Supervised By :Mahesh Dadoda 07/25/2023

