

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_D\Data\VD070224\  
 Data File : VD079326.D  
 Acq On : 02 Jul 2024 18:32  
 Operator : RP/MD  
 Sample : VSTDCCC050  
 Misc : 5.00G/5.0ml/MSVOA\_D/SOIL  
 ALS Vial : 18 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :

Quant Time: Jul 03 01:25:49 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\82D062824S.M  
 Quant Title : SW846 8260  
 QLast Update : Sat Jun 29 06:28:31 2024  
 Response via : Initial Calibration

| Compound                     | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|------------------------------|--------|-------|----------|----------|--------|----------|
| -----                        |        |       |          |          |        |          |
| Internal Standards           |        |       |          |          |        |          |
| 1) Pentafluorobenzene        | 7.875  | 168   | 149162   | 50.000   | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene      | 8.775  | 114   | 274124   | 50.000   | ug/l   | 0.00     |
| 63) Chlorobenzene-d5         | 11.581 | 117   | 260607   | 50.000   | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4   | 13.516 | 152   | 128682   | 50.000   | ug/l   | 0.00     |
| System Monitoring Compounds  |        |       |          |          |        |          |
| 33) 1,2-Dichloroethane-d4    | 8.228  | 65    | 77999    | 53.781   | ug/l   | 0.00     |
| Spiked Amount                | 50.000 | Range | 50 - 163 | Recovery | =      | 107.560% |
| 35) Dibromofluoromethane     | 7.805  | 113   | 87814    | 48.803   | ug/l   | 0.00     |
| Spiked Amount                | 50.000 | Range | 54 - 147 | Recovery | =      | 97.600%  |
| 50) Toluene-d8               | 10.269 | 98    | 294325   | 45.469   | ug/l   | 0.00     |
| Spiked Amount                | 50.000 | Range | 58 - 134 | Recovery | =      | 90.940%  |
| 62) 4-Bromofluorobenzene     | 12.569 | 95    | 109251   | 52.633   | ug/l   | 0.00     |
| Spiked Amount                | 50.000 | Range | 30 - 143 | Recovery | =      | 105.260% |
| Target Compounds             |        |       |          |          |        |          |
|                              |        |       |          |          | Qvalue |          |
| 2) Dichlorodifluoromethane   | 1.934  | 85    | 77826    | 46.162   | ug/l   | 96       |
| 3) Chloromethane             | 2.146  | 50    | 127656   | 49.936   | ug/l   | 98       |
| 4) Vinyl Chloride            | 2.281  | 62    | 160384   | 56.263   | ug/l   | 98       |
| 5) Bromomethane              | 2.681  | 94    | 122804   | 55.153   | ug/l   | 99       |
| 6) Chloroethane              | 2.828  | 64    | 112030   | 55.402   | ug/l   | 97       |
| 7) Trichlorofluoromethane    | 3.170  | 101   | 154314   | 47.325   | ug/l   | 98       |
| 8) Diethyl Ether             | 3.593  | 74    | 51895    | 54.109   | ug/l   | 88       |
| 9) 1,1,2-Trichlorotrifluo... | 3.958  | 101   | 98416    | 48.580   | ug/l   | 95       |
| 10) Methyl Iodide            | 4.158  | 142   | 118736   | 58.056   | ug/l   | 93       |
| 11) Tert butyl alcohol       | 5.064  | 59    | 27345    | 273.978  | ug/l # | 86       |
| 12) 1,1-Dichloroethene       | 3.934  | 96    | 99814    | 50.899   | ug/l   | 91       |
| 13) Acrolein                 | 3.793  | 56    | 33204    | 168.216  | ug/l   | 94       |
| 14) Allyl chloride           | 4.558  | 41    | 131807   | 52.666   | ug/l   | 86       |
| 15) Acrylonitrile            | 5.246  | 53    | 120890   | 276.546  | ug/l   | 99       |
| 16) Acetone                  | 4.017  | 43    | 71970    | 203.293  | ug/l   | 97       |
| 17) Carbon Disulfide         | 4.269  | 76    | 349005   | 50.661   | ug/l   | 96       |
| 18) Methyl Acetate           | 4.558  | 43    | 61981    | 60.264   | ug/l   | 89       |
| 19) Methyl tert-butyl Ether  | 5.316  | 73    | 236715   | 58.915   | ug/l   | 97       |
| 20) Methylene Chloride       | 4.793  | 84    | 128579   | 53.109   | ug/l # | 86       |
| 21) trans-1,2-Dichloroethene | 5.311  | 96    | 116990   | 53.090   | ug/l   | 90       |
| 22) Diisopropyl ether        | 6.216  | 45    | 313888   | 57.644   | ug/l # | 94       |
| 23) Vinyl Acetate            | 6.152  | 43    | 1188199  | 288.230  | ug/l   | 94       |
| 24) 1,1-Dichloroethane       | 6.111  | 63    | 209568   | 54.894   | ug/l   | 95       |
| 25) 2-Butanone               | 7.081  | 43    | 130765   | 265.135  | ug/l # | 88       |
| 26) 2,2-Dichloropropane      | 7.075  | 77    | 140730   | 46.693   | ug/l   | 99       |
| 27) cis-1,2-Dichloroethene   | 7.075  | 96    | 134562   | 55.739   | ug/l   | 90       |
| 28) Bromochloromethane       | 7.422  | 49    | 81453    | 51.171   | ug/l # | 74       |
| 29) Tetrahydrofuran          | 7.446  | 42    | 91043    | 297.151  | ug/l # | 85       |
| 30) Chloroform               | 7.593  | 83    | 217737   | 55.288   | ug/l   | 99       |
| 31) Cyclohexane              | 7.875  | 56    | 149324   | 47.094   | ug/l   | 90       |
| 32) 1,1,1-Trichloroethane    | 7.787  | 97    | 170838   | 52.852   | ug/l   | 99       |
| 36) 1,1-Dichloropropene      | 8.005  | 75    | 149107   | 53.337   | ug/l   | 96       |
| 37) Ethyl Acetate            | 7.169  | 43    | 62840    | 59.053   | ug/l   | 98       |
| 38) Carbon Tetrachloride     | 7.987  | 117   | 147108   | 51.818   | ug/l   | 98       |
| 39) Methylcyclohexane        | 9.269  | 83    | 170041   | 51.700   | ug/l   | 89       |
| 40) Benzene                  | 8.246  | 78    | 481708   | 55.230   | ug/l   | 95       |

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 ALS Vial : 18 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :

Quant Time: Jul 03 01:25:49 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\82D062824S.M  
 Quant Title : SW846 8260  
 QLast Update : Sat Jun 29 06:28:31 2024  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|----------|--------|----------|
| 41) Methacrylonitrile         | 7.393  | 41   | 30992    | 52.985   | ug/l   | 93       |
| 42) 1,2-Dichloroethane        | 8.322  | 62   | 121605   | 57.973   | ug/l   | 95       |
| 43) Isopropyl Acetate         | 8.363  | 43   | 117136   | 57.037   | ug/l   | 95       |
| 44) Trichloroethene           | 9.028  | 130  | 104865   | 52.636   | ug/l   | 92       |
| 45) 1,2-Dichloropropane       | 9.304  | 63   | 118732   | 55.910   | ug/l   | 94       |
| 46) Dibromomethane            | 9.393  | 93   | 69800    | 57.952   | ug/l # | 86       |
| 47) Bromodichloromethane      | 9.581  | 83   | 166981   | 56.653   | ug/l   | 95       |
| 48) Methyl methacrylate       | 9.381  | 41   | 56451    | 60.920   | ug/l   | 85       |
| 49) 1,4-Dioxane               | 9.387  | 88   | 14372    | 1164.470 | ug/l # | 81       |
| 51) 4-Methyl-2-Pentanone      | 10.157 | 43   | 325627   | 304.685  | ug/l   | 98       |
| 52) Toluene                   | 10.328 | 92   | 297594   | 56.047   | ug/l   | 98       |
| 53) t-1,3-Dichloropropene     | 10.551 | 75   | 148995   | 55.976   | ug/l   | 98       |
| 54) cis-1,3-Dichloropropene   | 10.016 | 75   | 175960   | 55.096   | ug/l   | 97       |
| 55) 1,1,2-Trichloroethane     | 10.728 | 97   | 90521    | 58.270   | ug/l   | 93       |
| 56) Ethyl methacrylate        | 10.593 | 69   | 111801   | 53.327   | ug/l   | 93       |
| 57) 1,3-Dichloropropane       | 10.875 | 76   | 151737   | 57.130   | ug/l   | 100      |
| 58) 2-Chloroethyl Vinyl ether | 9.869  | 63   | 249897   | 261.865  | ug/l # | 87       |
| 59) 2-Hexanone                | 10.916 | 43   | 222613   | 293.315  | ug/l   | 99       |
| 60) Dibromochloromethane      | 11.069 | 129  | 111986   | 57.109   | ug/l   | 98       |
| 61) 1,2-Dibromoethane         | 11.175 | 107  | 83379    | 58.544   | ug/l   | 96       |
| 64) Tetrachloroethene         | 10.804 | 164  | 91516    | 56.362   | ug/l   | 91       |
| 65) Chlorobenzene             | 11.604 | 112  | 314623   | 54.278   | ug/l   | 100      |
| 66) 1,1,1,2-Tetrachloroethane | 11.681 | 131  | 107627   | 54.551   | ug/l   | 97       |
| 67) Ethyl Benzene             | 11.681 | 91   | 570183   | 56.371   | ug/l   | 97       |
| 68) m/p-Xylenes               | 11.787 | 106  | 437443   | 112.123  | ug/l   | 87       |
| 69) o-Xylene                  | 12.116 | 106  | 203067   | 57.940   | ug/l   | 85       |
| 70) Styrene                   | 12.134 | 104  | 370122   | 59.215   | ug/l   | 96       |
| 71) Bromoform                 | 12.298 | 173  | 60742    | 56.770   | ug/l # | 99       |
| 73) Isopropylbenzene          | 12.416 | 105  | 518528   | 54.205   | ug/l   | 97       |
| 74) N-amyl acetate            | 12.228 | 43   | 117561   | 55.991   | ug/l   | 94       |
| 75) 1,1,2,2-Tetrachloroethane | 12.669 | 83   | 105366   | 52.838   | ug/l   | 98       |
| 76) 1,2,3-Trichloropropane    | 12.722 | 75   | 128514   | 99.794   | ug/l # | 100      |
| 77) Bromobenzene              | 12.698 | 156  | 115955   | 53.886   | ug/l   | 77       |
| 78) n-propylbenzene           | 12.757 | 91   | 654692   | 53.459   | ug/l   | 94       |
| 79) 2-Chlorotoluene           | 12.845 | 91   | 370626   | 54.133   | ug/l   | 90       |
| 80) 1,3,5-Trimethylbenzene    | 12.898 | 105  | 443819   | 54.798   | ug/l   | 94       |
| 81) trans-1,4-Dichloro-2-b... | 12.463 | 75   | 34598    | 49.853   | ug/l   | 99       |
| 82) 4-Chlorotoluene           | 12.945 | 91   | 392335   | 54.541   | ug/l   | 91       |
| 83) tert-Butylbenzene         | 13.163 | 119  | 354357   | 54.012   | ug/l   | 91       |
| 84) 1,2,4-Trimethylbenzene    | 13.210 | 105  | 458237   | 56.526   | ug/l   | 95       |
| 85) sec-Butylbenzene          | 13.340 | 105  | 559795   | 53.625   | ug/l   | 95       |
| 86) p-Isopropyltoluene        | 13.457 | 119  | 461300   | 53.539   | ug/l   | 96       |
| 87) 1,3-Dichlorobenzene       | 13.457 | 146  | 242964   | 53.098   | ug/l   | 96       |
| 88) 1,4-Dichlorobenzene       | 13.534 | 146  | 236611   | 52.030   | ug/l   | 96       |
| 89) n-Butylbenzene            | 13.787 | 91   | 446726   | 52.837   | ug/l   | 97       |
| 90) Hexachloroethane          | 14.051 | 117  | 95806    | 50.553   | ug/l   | 91       |
| 91) 1,2-Dichlorobenzene       | 13.828 | 146  | 211949   | 53.825   | ug/l   | 97       |
| 92) 1,2-Dibromo-3-Chloropr... | 14.445 | 75   | 15184    | 55.541   | ug/l   | 79       |
| 93) 1,2,4-Trichlorobenzene    | 15.092 | 180  | 114935   | 54.741   | ug/l   | 96       |
| 94) Hexachlorobutadiene       | 15.198 | 225  | 63038    | 53.992   | ug/l   | 94       |
| 95) Naphthalene               | 15.328 | 128  | 246833   | 60.229   | ug/l   | 98       |
| 96) 1,2,3-Trichlorobenzene    | 15.516 | 180  | 104173   | 56.111   | ug/l   | 97       |

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Sample : VSTDCCC050  
Misc : 5.00G/5.0ml/MSVOA\_D/SOIL  
ALS Vial : 18 Sample Multiplier: 1

Instrument :  
MSVOA\_D  
ClientSampleId :

Quant Time: Jul 03 01:25:49 2024  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\82D062824S.M  
Quant Title : SW846 8260  
QLast Update : Sat Jun 29 06:28:31 2024  
Response via : Initial Calibration

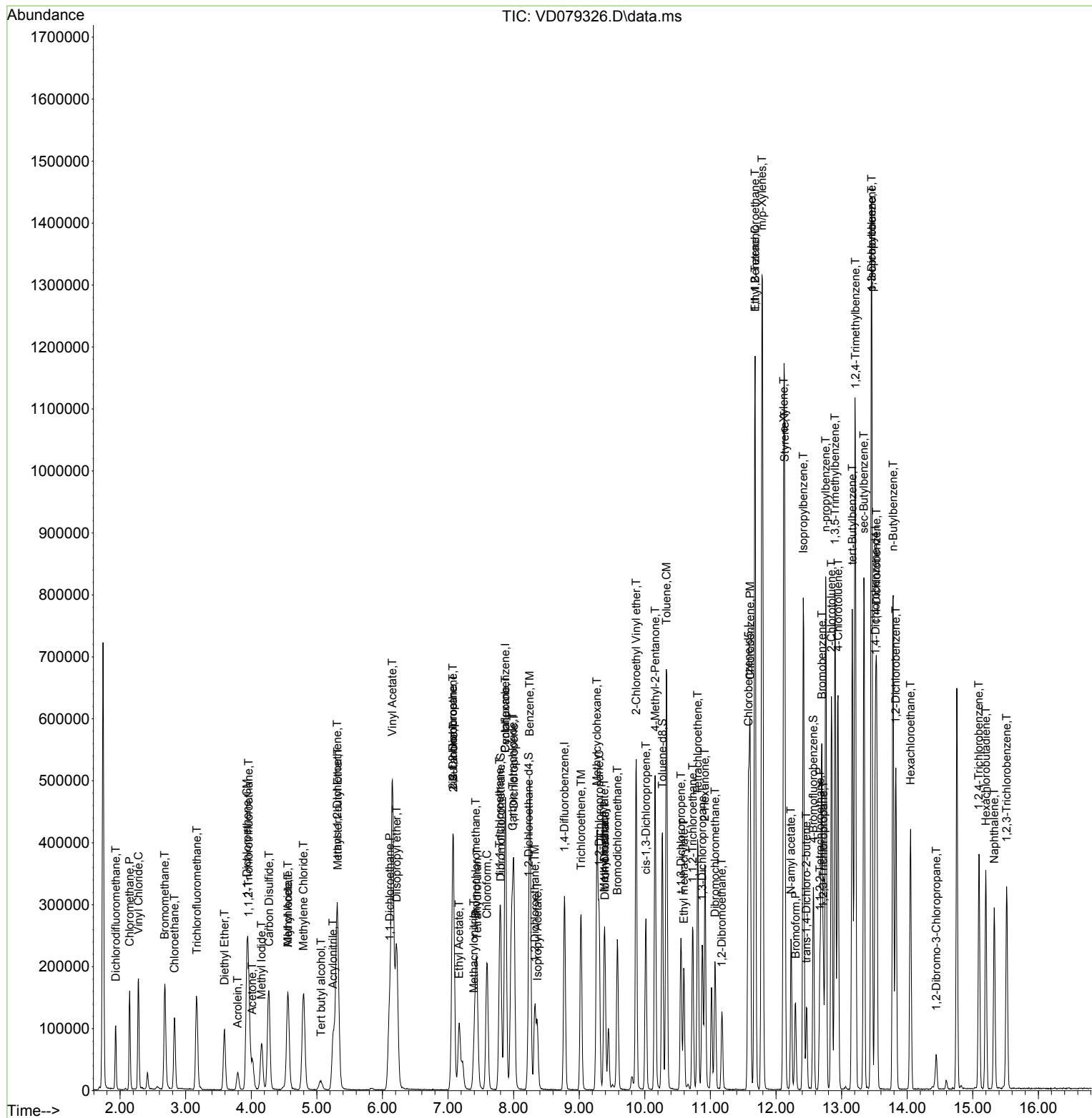
| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|----------|------|------|----------|------|-------|----------|
|----------|------|------|----------|------|-------|----------|

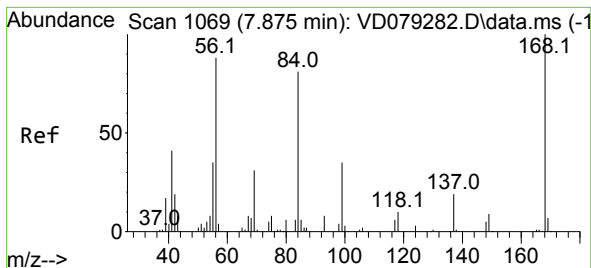
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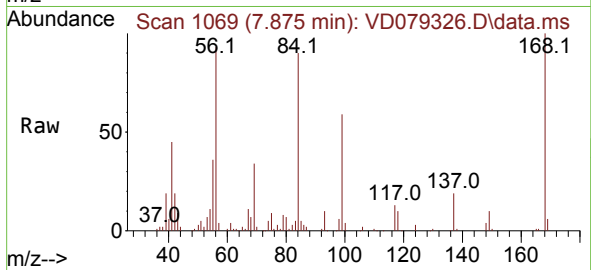
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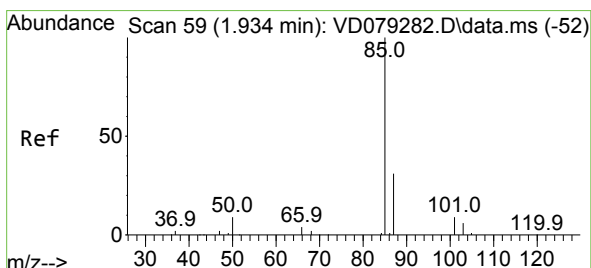
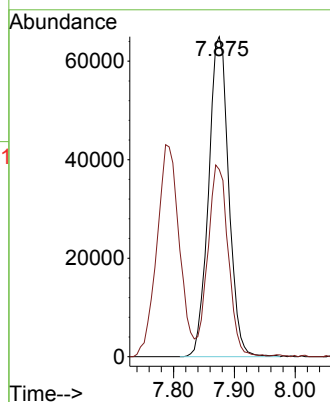
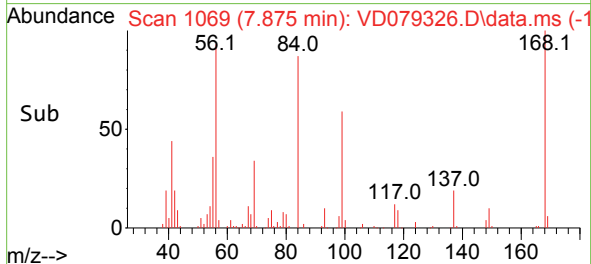


#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 7.875 min Scan# 1069  
Delta R.T. 0.000 min  
Lab File: VD079326.D  
Acq: 02 Jul 2024 18:32

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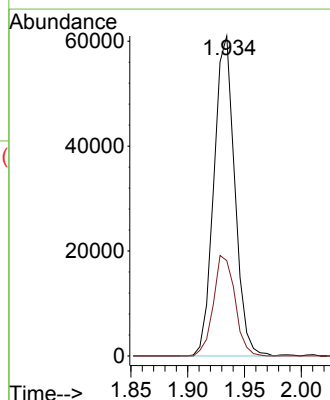
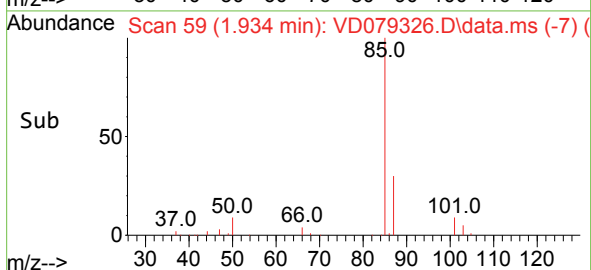
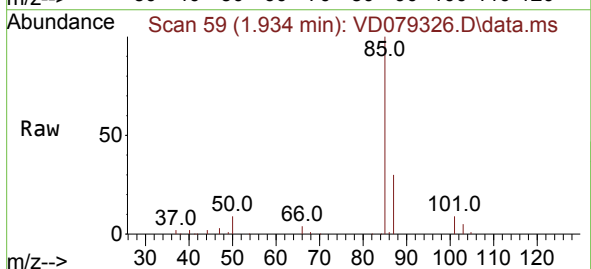


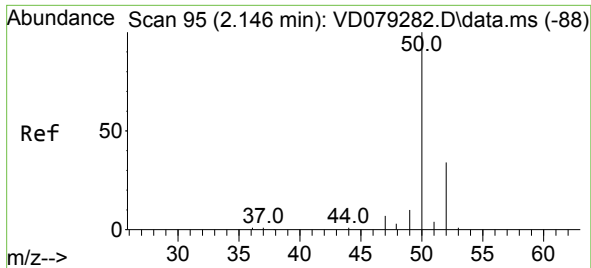
Tgt Ion:168 Resp: 149162  
Ion Ratio Lower Upper  
168 100  
99 58.0 41.1 61.7



#2  
Dichlorodifluoromethane  
Concen: 46.162 ug/l  
RT: 1.934 min Scan# 59  
Delta R.T. 0.006 min  
Lab File: VD079326.D  
Acq: 02 Jul 2024 18:32

Tgt Ion: 85 Resp: 77826  
Ion Ratio Lower Upper  
85 100  
87 29.8 16.0 48.0

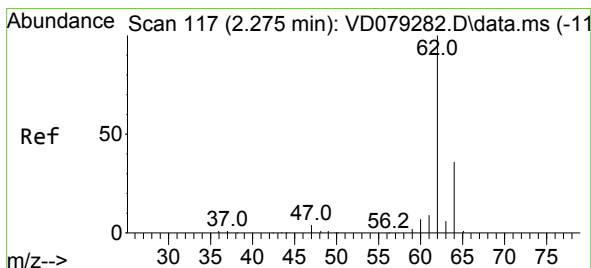
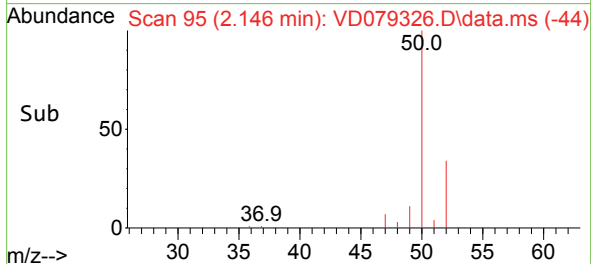
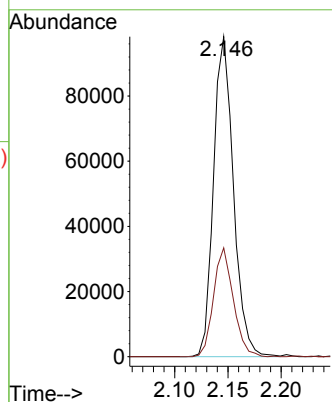
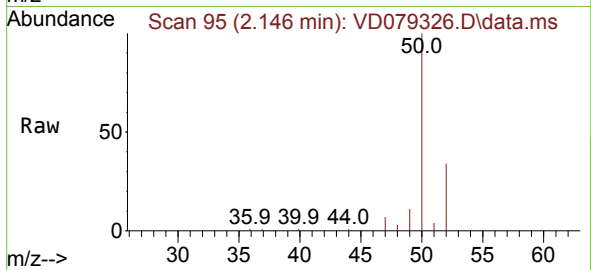




#3  
Chloromethane  
Concen: 49.936 ug/l  
RT: 2.146 min Scan# 91  
Delta R.T. -0.000 min  
Lab File: VD079326.D  
Acq: 02 Jul 2024 18:32

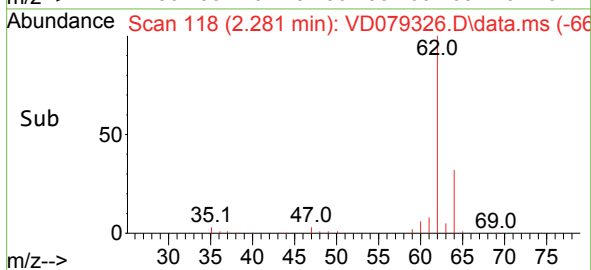
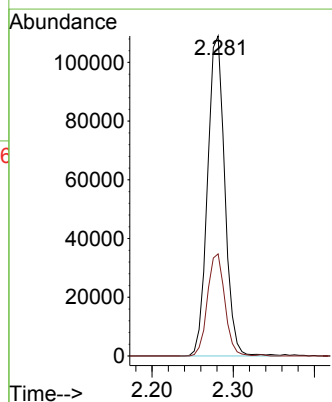
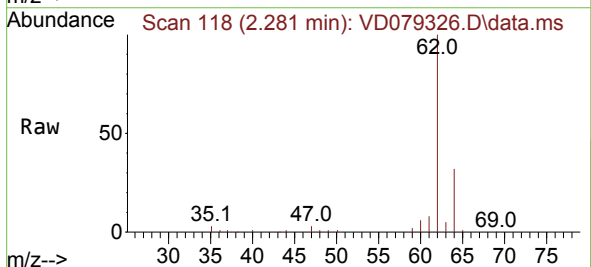
Instrument :  
MSVOA\_D  
ClientSampleId :

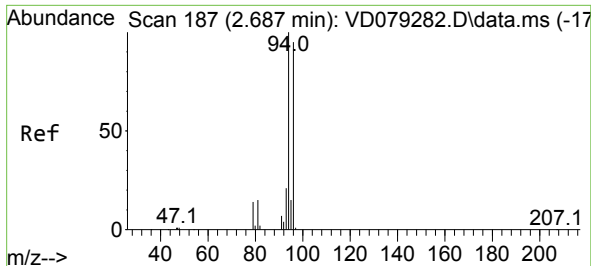
Tgt Ion: 50 Resp: 127656  
Ion Ratio Lower Upper  
50 100  
52 34.0 28.2 42.2



#4  
Vinyl Chloride  
Concen: 56.263 ug/l  
RT: 2.281 min Scan# 118  
Delta R.T. 0.006 min  
Lab File: VD079326.D  
Acq: 02 Jul 2024 18:32

Tgt Ion: 62 Resp: 160384  
Ion Ratio Lower Upper  
62 100  
64 31.9 26.3 39.5

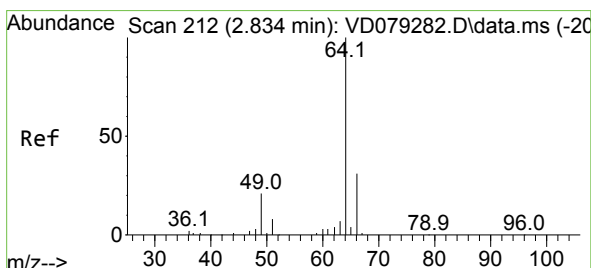
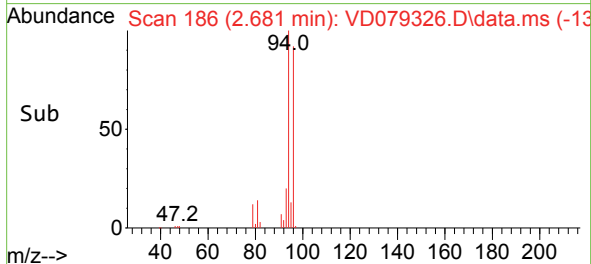
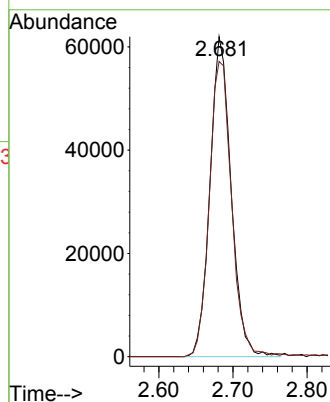
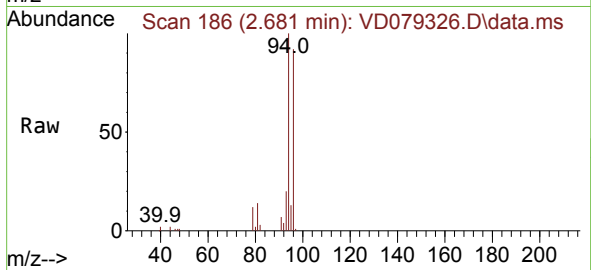




#5  
Bromomethane  
Concen: 55.153 ug/l  
RT: 2.681 min Scan# 11  
Delta R.T. 0.023 min  
Lab File: VD079326.D  
Acq: 02 Jul 2024 18:32

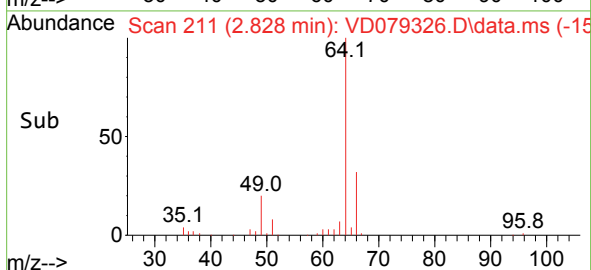
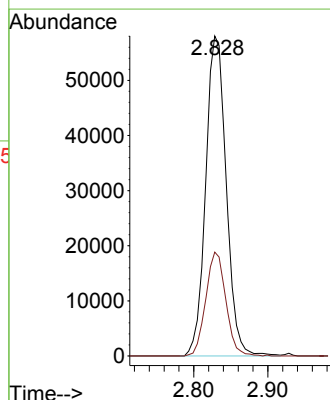
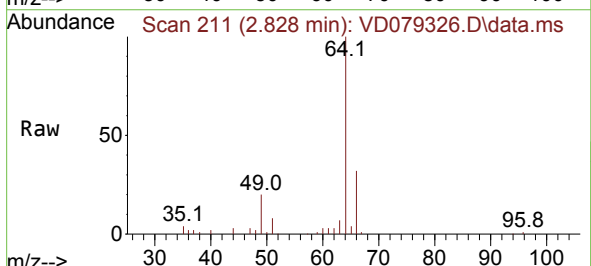
Instrument :  
MSVOA\_D  
ClientSampleId :

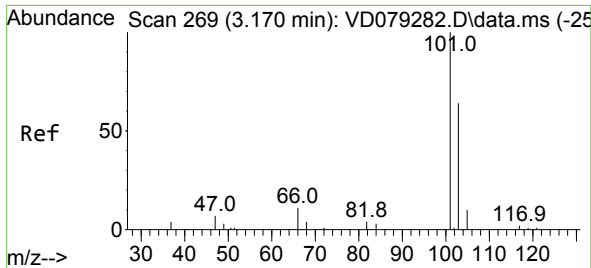
Tgt Ion: 94 Resp: 122804  
Ion Ratio Lower Upper  
94 100  
96 96.9 76.9 115.3



#6  
Chloroethane  
Concen: 55.402 ug/l  
RT: 2.828 min Scan# 211  
Delta R.T. 0.006 min  
Lab File: VD079326.D  
Acq: 02 Jul 2024 18:32

Tgt Ion: 64 Resp: 112030  
Ion Ratio Lower Upper  
64 100  
66 32.5 24.5 36.7

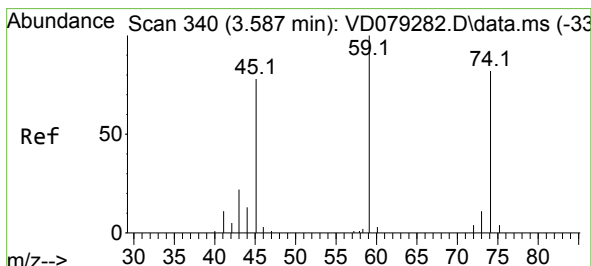
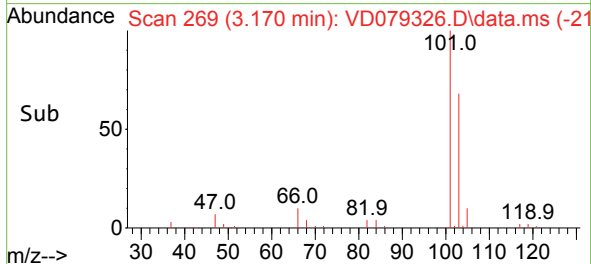
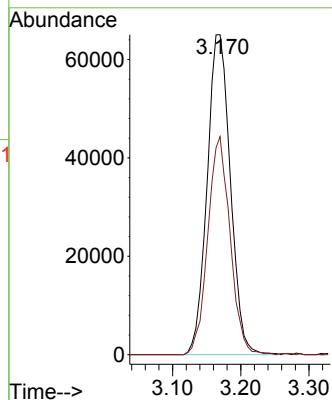
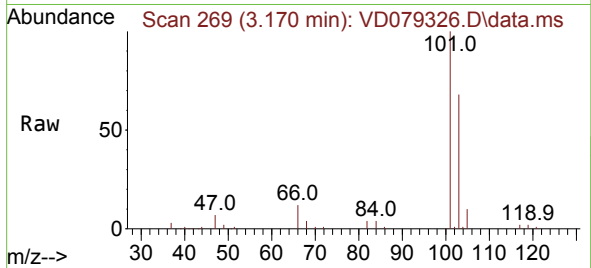




#7  
 Trichlorofluoromethane  
 Concen: 47.325 ug/l  
 RT: 3.170 min Scan# 210  
 Delta R.T. 0.006 min  
 Lab File: VD079326.D  
 Acq: 02 Jul 2024 18:32

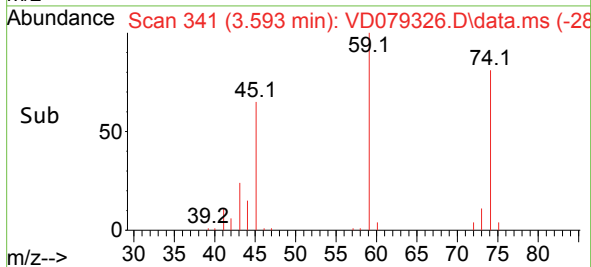
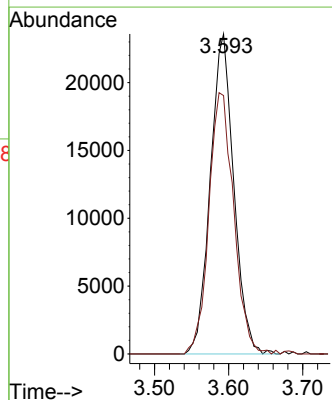
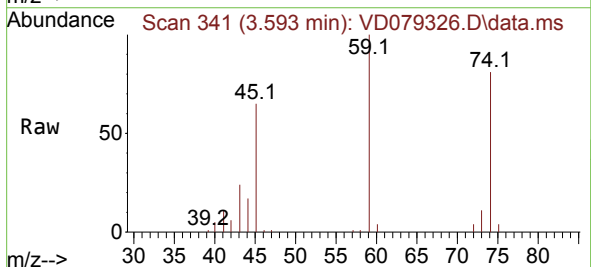
Instrument :  
 MSVOA\_D  
 ClientSampleId :

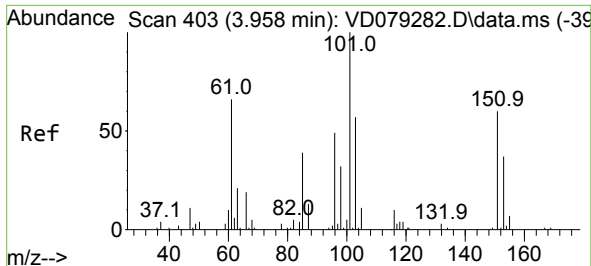
Tgt Ion:101 Resp: 154314  
 Ion Ratio Lower Upper  
 101 100  
 103 68.2 53.2 79.8



#8  
 Diethyl Ether  
 Concen: 54.109 ug/l  
 RT: 3.593 min Scan# 341  
 Delta R.T. 0.006 min  
 Lab File: VD079326.D  
 Acq: 02 Jul 2024 18:32

Tgt Ion: 74 Resp: 51895  
 Ion Ratio Lower Upper  
 74 100  
 45 86.3 37.9 113.6

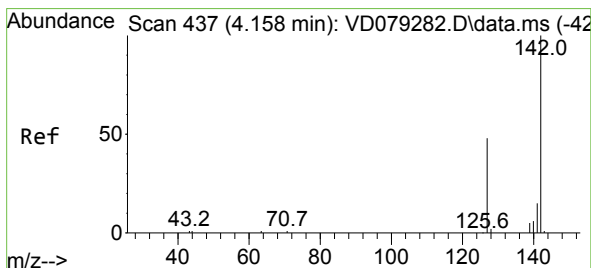
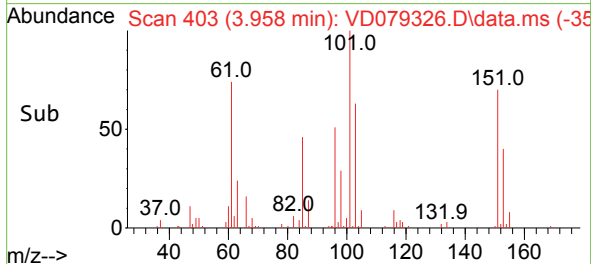
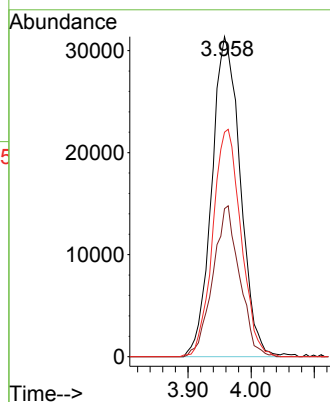
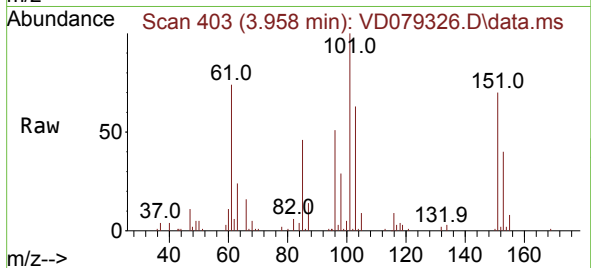




#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 48.580 ug/l  
RT: 3.958 min Scan# 403  
Delta R.T. -0.000 min  
Lab File: VD079326.D  
Acq: 02 Jul 2024 18:32

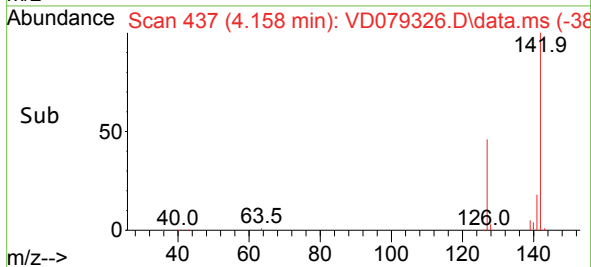
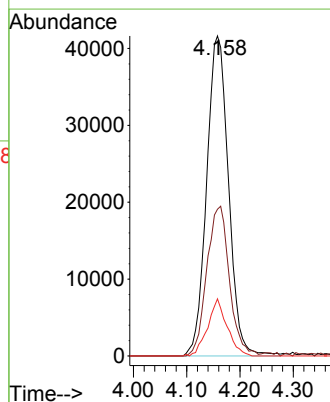
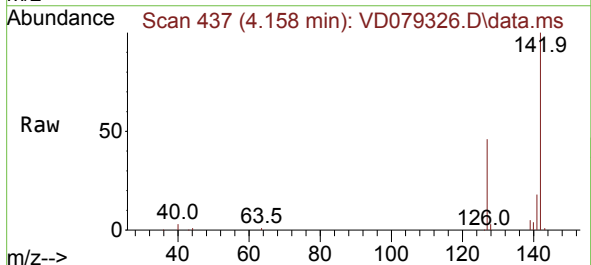
Instrument :  
MSVOA\_D  
ClientSampleId :

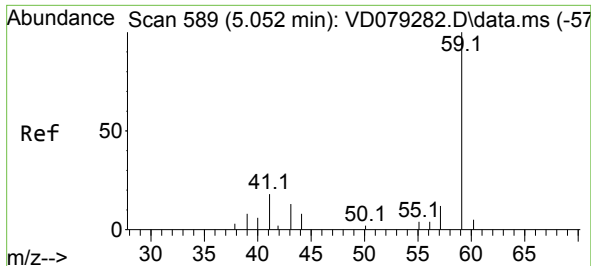
Tgt Ion:101 Resp: 98416  
Ion Ratio Lower Upper  
101 100  
85 44.3 33.5 50.3  
151 70.4 60.3 90.5



#10  
Methyl Iodide  
Concen: 58.056 ug/l  
RT: 4.158 min Scan# 437  
Delta R.T. -0.000 min  
Lab File: VD079326.D  
Acq: 02 Jul 2024 18:32

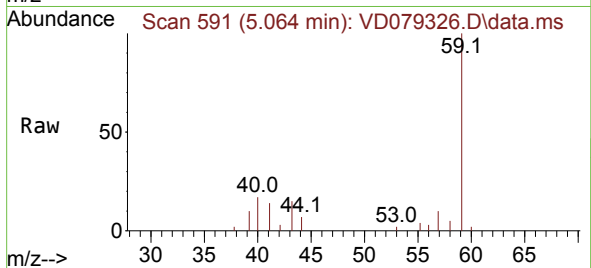
Tgt Ion:142 Resp: 118736  
Ion Ratio Lower Upper  
142 100  
127 48.4 34.2 51.4  
141 15.9 11.7 17.5



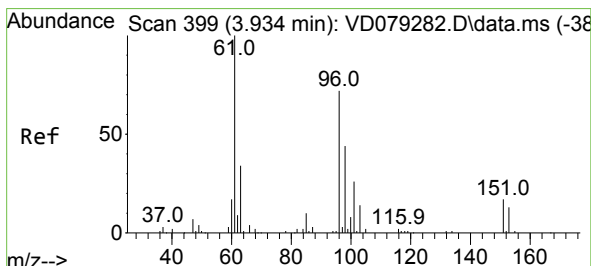
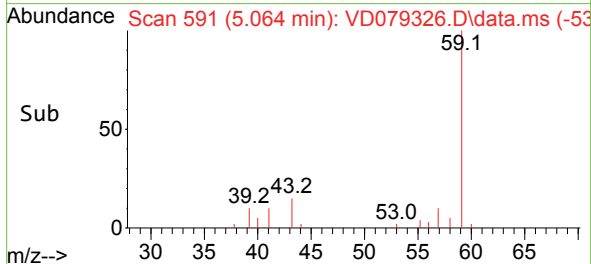
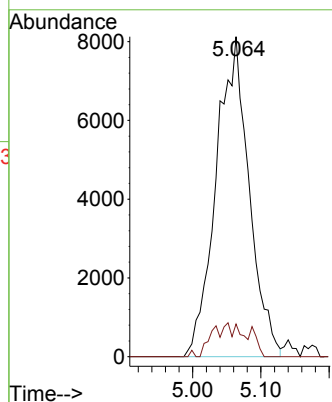


#11  
Tert butyl alcohol  
Concen: 273.978 ug/l  
RT: 5.064 min Scan# 591  
Delta R.T. 0.006 min  
Lab File: VD079326.D  
Acq: 02 Jul 2024 18:32

Instrument :  
MSVOA\_D  
ClientSampleId :

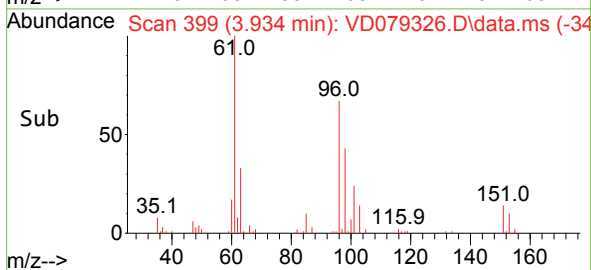
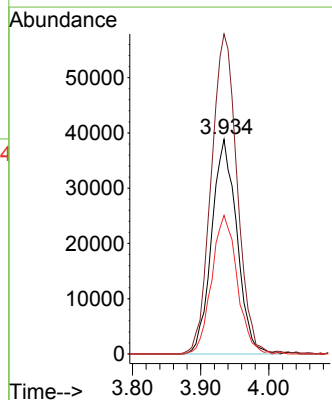
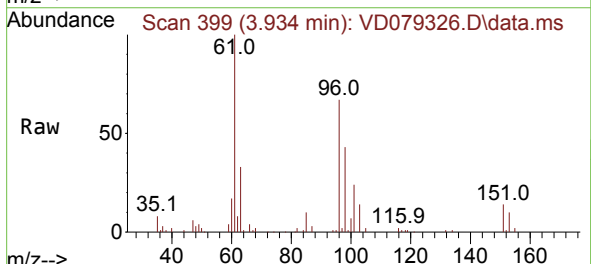


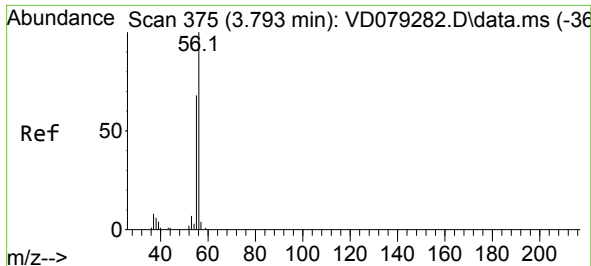
Tgt Ion: 59 Resp: 27345  
Ion Ratio Lower Upper  
59 100  
57 0.0 3.6 5.4#



#12  
1,1-Dichloroethene  
Concen: 50.899 ug/l  
RT: 3.934 min Scan# 399  
Delta R.T. -0.000 min  
Lab File: VD079326.D  
Acq: 02 Jul 2024 18:32

Tgt Ion: 96 Resp: 99814  
Ion Ratio Lower Upper  
96 100  
61 149.1 107.3 160.9  
98 64.6 51.7 77.5





#13

Acrolein

Concen: 168.216 ug/l

RT: 3.793 min Scan# 31

Delta R.T. -0.000 min

Lab File: VD079326.D

Acq: 02 Jul 2024 18:32

Instrument :

MSVOA\_D

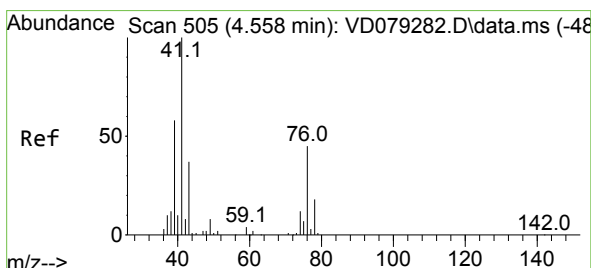
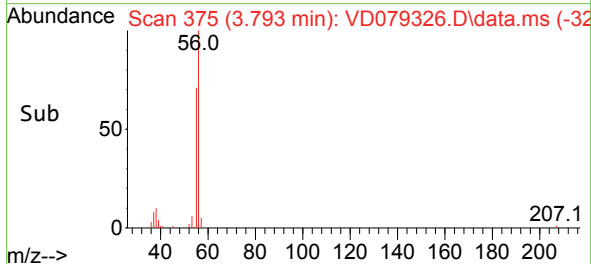
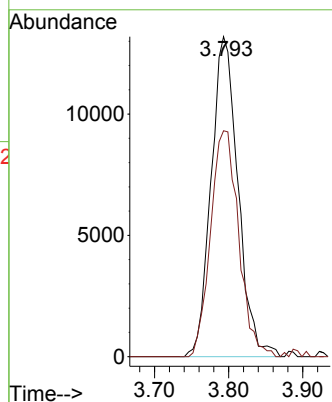
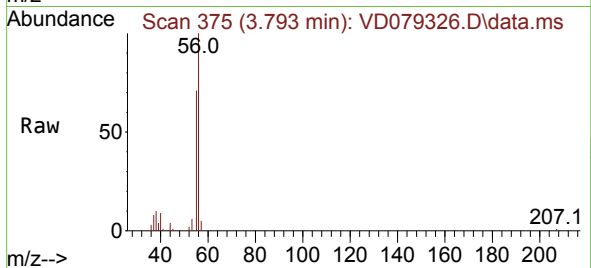
ClientSampleId :

Tgt Ion: 56 Resp: 33204

Ion Ratio Lower Upper

56 100

55 73.8 55.3 82.9



#14

Allyl chloride

Concen: 52.666 ug/l

RT: 4.558 min Scan# 505

Delta R.T. 0.006 min

Lab File: VD079326.D

Acq: 02 Jul 2024 18:32

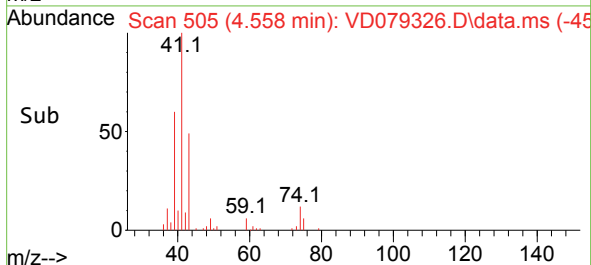
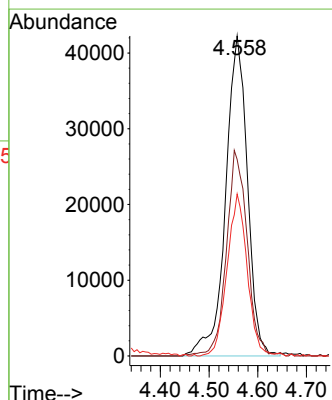
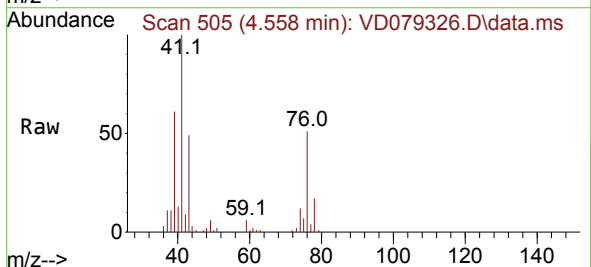
Tgt Ion: 41 Resp: 131807

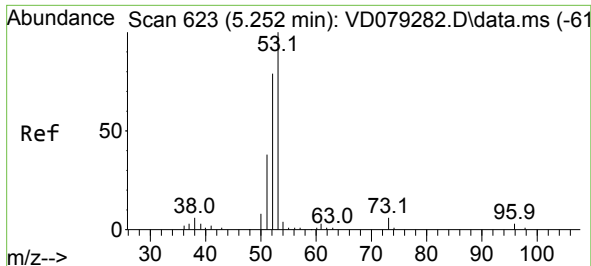
Ion Ratio Lower Upper

41 100

39 61.1 58.0 87.0

76 46.5 45.9 68.9





#15

Acrylonitrile

Concen: 276.546 ug/l

RT: 5.246 min Scan# 61

Delta R.T. -0.000 min

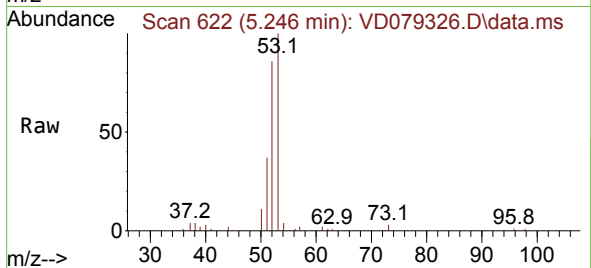
Lab File: VD079326.D

Acq: 02 Jul 2024 18:32

Instrument :

MSVOA\_D

ClientSampleId :



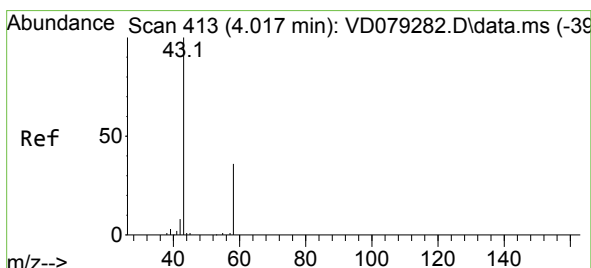
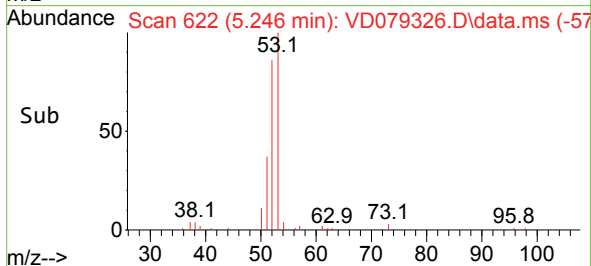
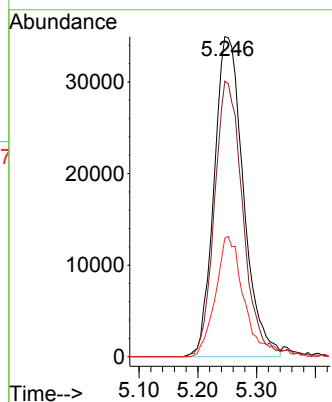
Tgt Ion: 53 Resp: 120890

Ion Ratio Lower Upper

53 100

52 84.0 67.7 101.5

51 37.3 28.6 42.8



#16

Acetone

Concen: 203.293 ug/l

RT: 4.017 min Scan# 413

Delta R.T. -0.000 min

Lab File: VD079326.D

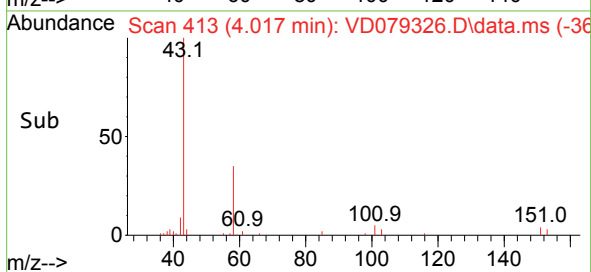
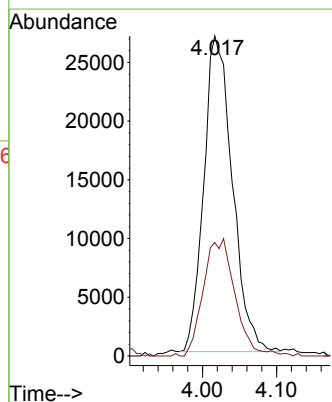
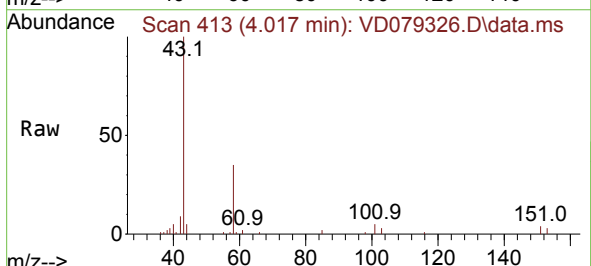
Acq: 02 Jul 2024 18:32

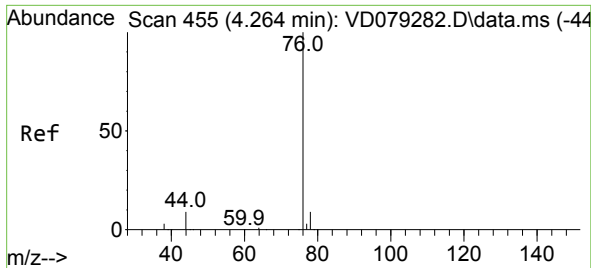
Tgt Ion: 43 Resp: 71970

Ion Ratio Lower Upper

43 100

58 35.9 30.4 45.6

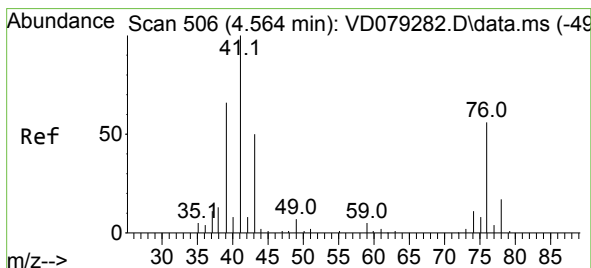
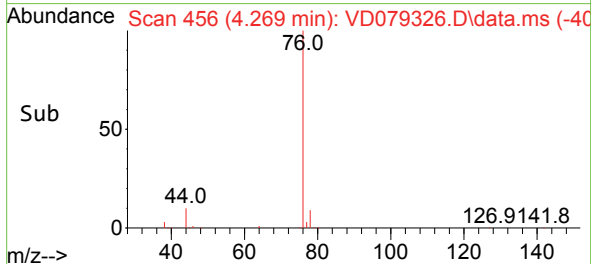
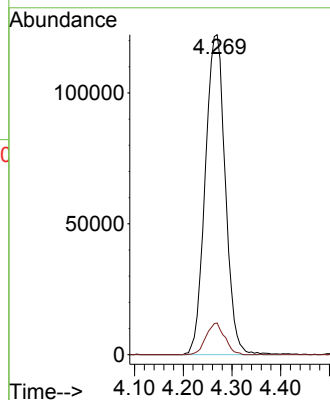
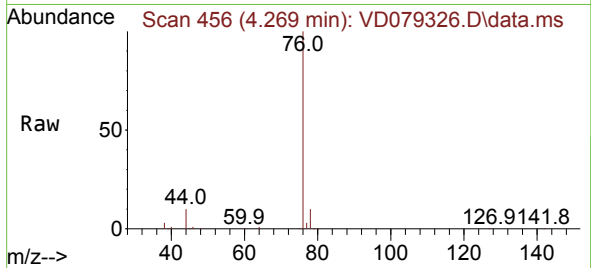




#17  
Carbon Disulfide  
Concen: 50.661 ug/l  
RT: 4.269 min Scan# 41  
Delta R.T. 0.006 min  
Lab File: VD079326.D  
Acq: 02 Jul 2024 18:32

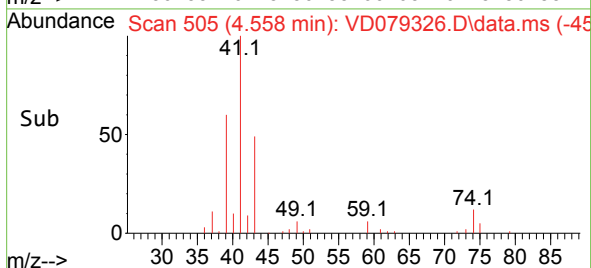
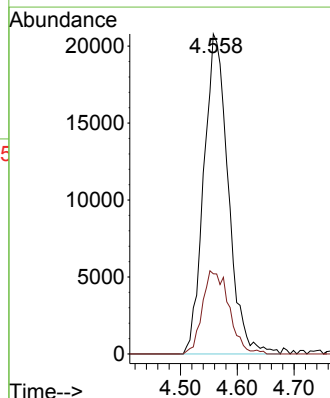
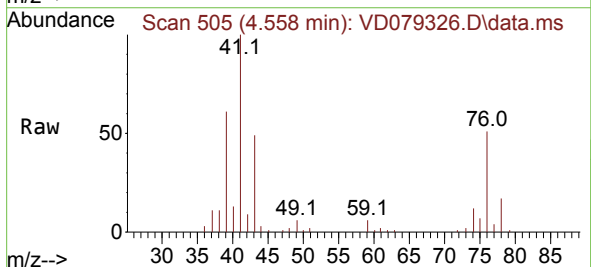
Instrument :  
MSVOA\_D  
ClientSampleId :

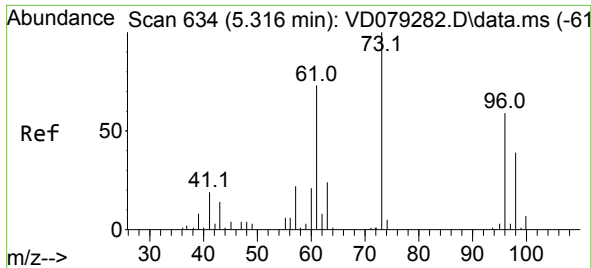
Tgt Ion: 76 Resp: 349005  
Ion Ratio Lower Upper  
76 100  
78 9.9 6.9 10.3



#18  
Methyl Acetate  
Concen: 60.264 ug/l  
RT: 4.558 min Scan# 505  
Delta R.T. -0.000 min  
Lab File: VD079326.D  
Acq: 02 Jul 2024 18:32

Tgt Ion: 43 Resp: 61981  
Ion Ratio Lower Upper  
43 100  
74 28.5 28.1 42.1

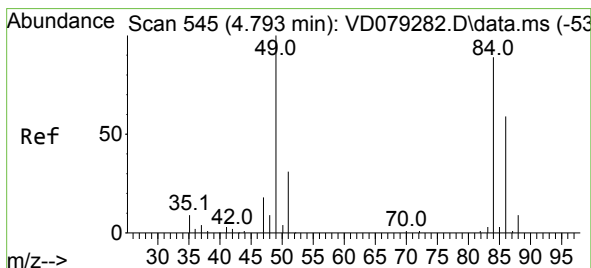
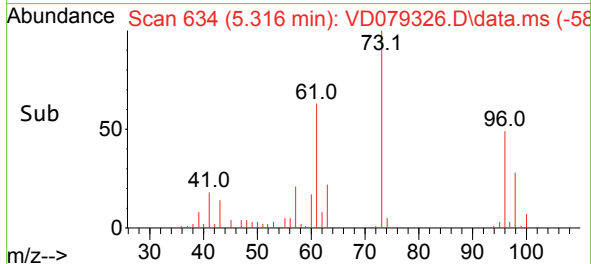
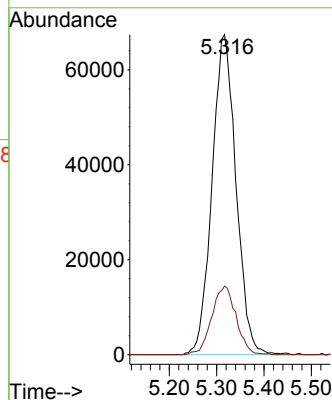
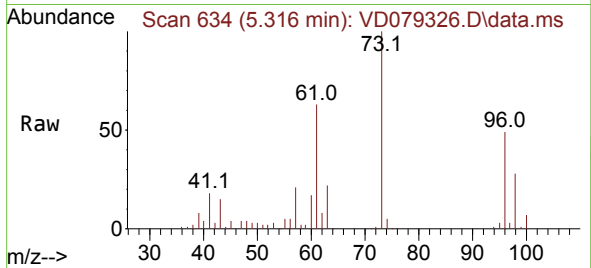




#19  
Methyl tert-butyl Ether  
Concen: 58.915 ug/l  
RT: 5.316 min Scan# 61  
Delta R.T. 0.006 min  
Lab File: VD079326.D  
Acq: 02 Jul 2024 18:32

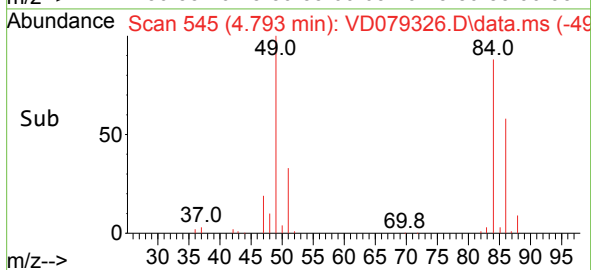
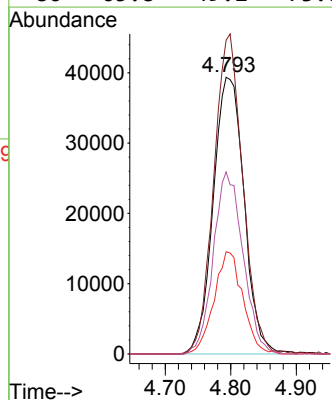
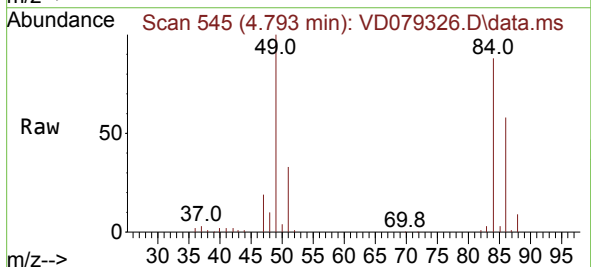
Instrument :  
MSVOA\_D  
ClientSampleId :

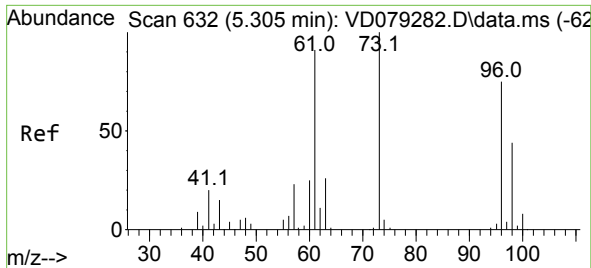
Tgt Ion: 73 Resp: 236715  
Ion Ratio Lower Upper  
73 100  
57 21.4 18.3 27.5



#20  
Methylene Chloride  
Concen: 53.109 ug/l  
RT: 4.793 min Scan# 545  
Delta R.T. -0.000 min  
Lab File: VD079326.D  
Acq: 02 Jul 2024 18:32

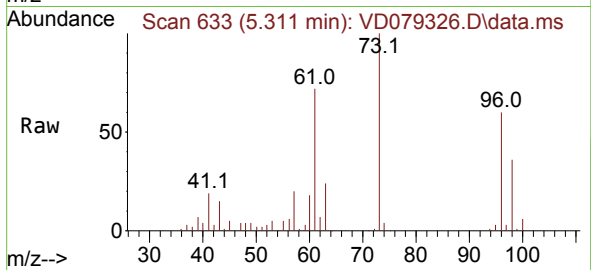
Tgt Ion: 84 Resp: 128579  
Ion Ratio Lower Upper  
84 100  
49 113.4 75.6 113.4  
51 36.9 24.2 36.2#  
86 65.8 49.2 73.8



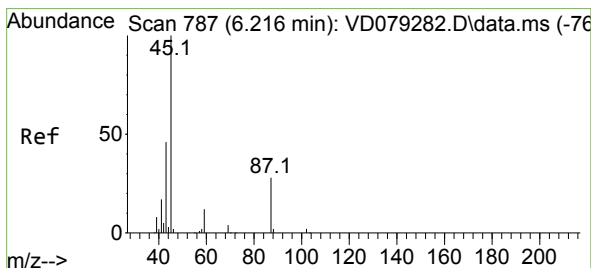
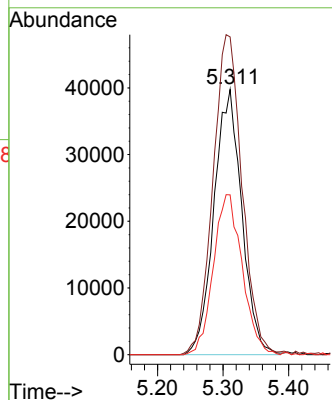
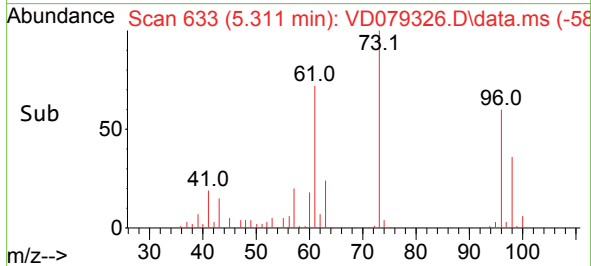


#21  
trans-1,2-Dichloroethene  
Concen: 53.090 ug/l  
RT: 5.311 min Scan# 611  
Delta R.T. 0.006 min  
Lab File: VD079326.D  
Acq: 02 Jul 2024 18:32

Instrument :  
MSVOA\_D  
ClientSampleId :

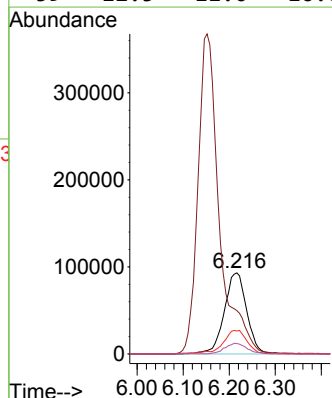
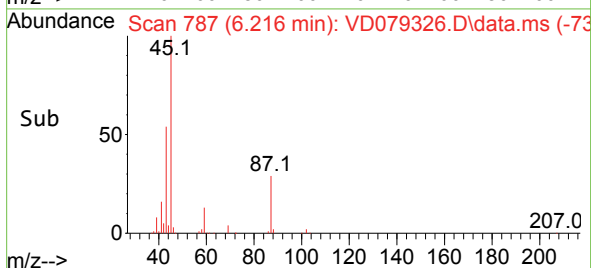
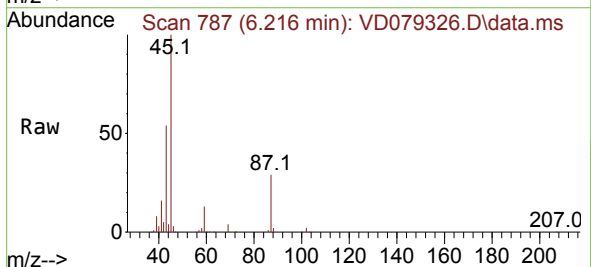


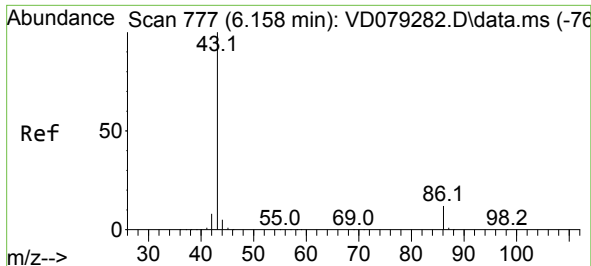
Tgt Ion: 96 Resp: 116990  
Ion Ratio Lower Upper  
96 100  
61 119.8 84.5 126.7  
98 60.2 50.5 75.7



#22  
Diisopropyl ether  
Concen: 57.644 ug/l  
RT: 6.216 min Scan# 787  
Delta R.T. -0.000 min  
Lab File: VD079326.D  
Acq: 02 Jul 2024 18:32

Tgt Ion: 45 Resp: 313888  
Ion Ratio Lower Upper  
45 100  
43 52.5 41.7 62.5  
87 28.3 30.2 45.2#  
59 12.5 11.0 16.6

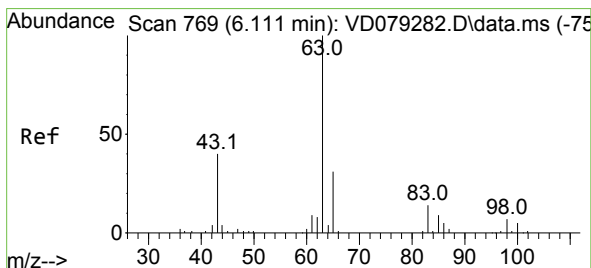
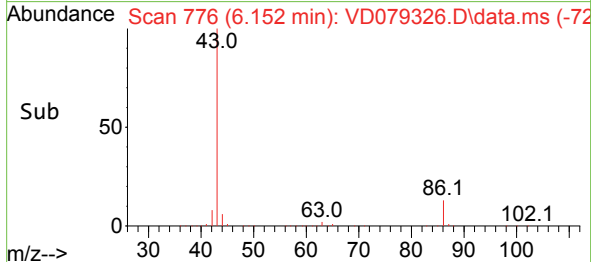
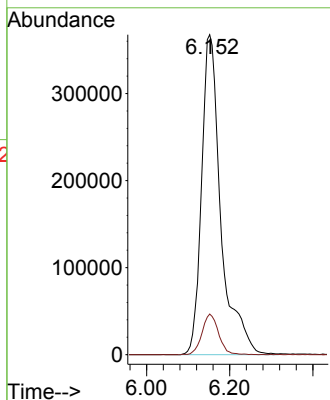
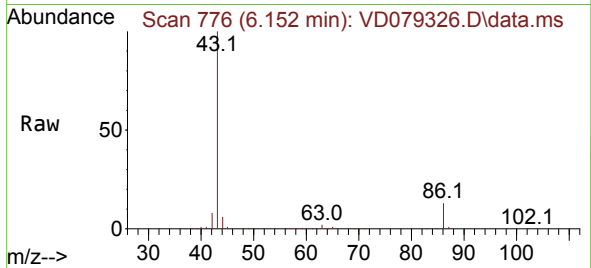




#23  
 Vinyl Acetate  
 Concen: 288.230 ug/l  
 RT: 6.152 min Scan# 776  
 Delta R.T. -0.000 min  
 Lab File: VD079326.D  
 Acq: 02 Jul 2024 18:32

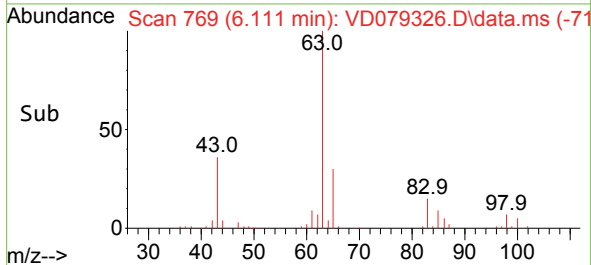
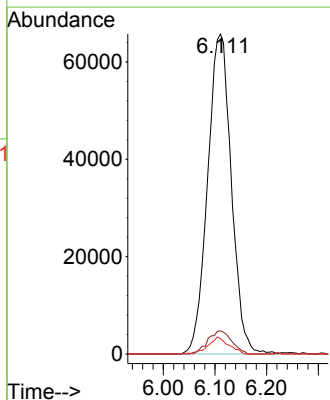
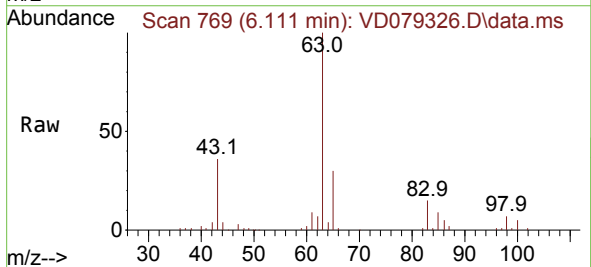
Instrument :  
 MSVOA\_D  
 ClientSampleId :

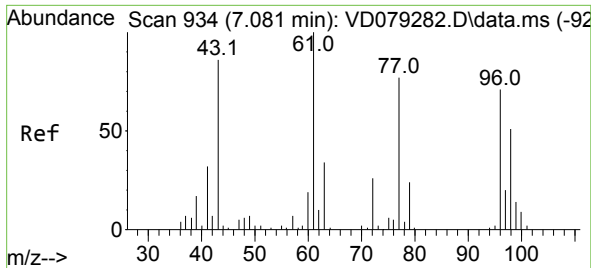
Tgt Ion: 43 Resp: 1188199  
 Ion Ratio Lower Upper  
 43 100  
 86 12.7 12.3 18.5



#24  
 1,1-Dichloroethane  
 Concen: 54.894 ug/l  
 RT: 6.111 min Scan# 769  
 Delta R.T. 0.006 min  
 Lab File: VD079326.D  
 Acq: 02 Jul 2024 18:32

Tgt Ion: 63 Resp: 209568  
 Ion Ratio Lower Upper  
 63 100  
 98 7.2 4.7 14.0  
 100 4.9 2.9 8.6

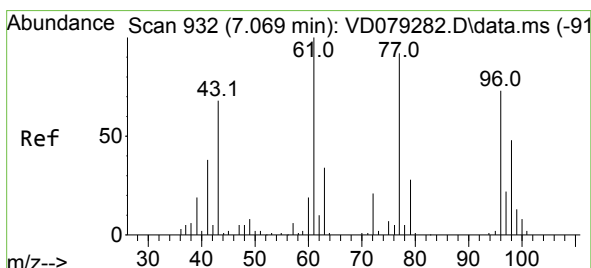
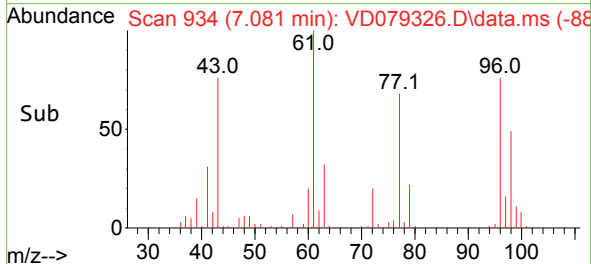
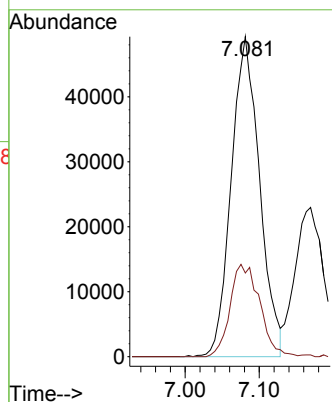
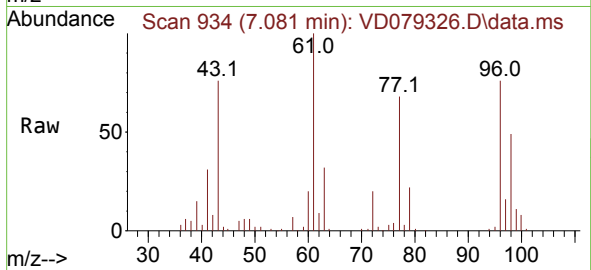




#25  
2-Butanone  
Concen: 265.135 ug/l  
RT: 7.081 min Scan# 91  
Delta R.T. 0.006 min  
Lab File: VD079326.D  
Acq: 02 Jul 2024 18:32

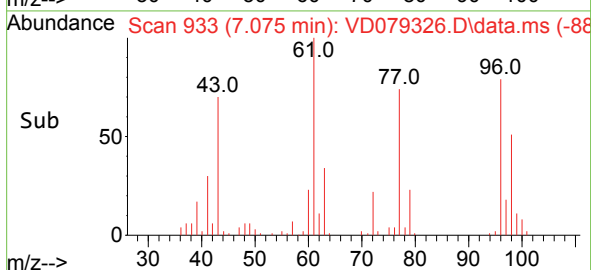
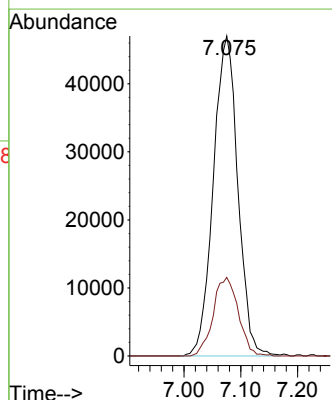
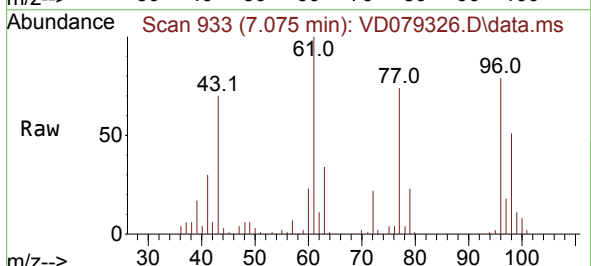
Instrument :  
MSVOA\_D  
ClientSampleId :

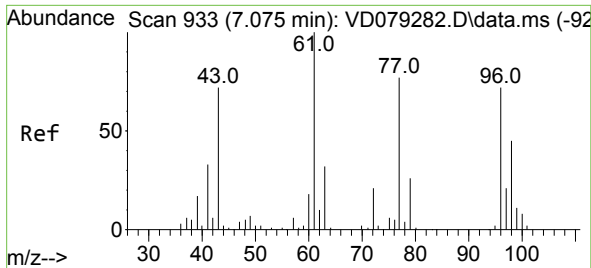
Tgt Ion: 43 Resp: 130765  
Ion Ratio Lower Upper  
43 100  
72 26.2 26.4 39.6#



#26  
2,2-Dichloropropane  
Concen: 46.693 ug/l  
RT: 7.075 min Scan# 933  
Delta R.T. 0.006 min  
Lab File: VD079326.D  
Acq: 02 Jul 2024 18:32

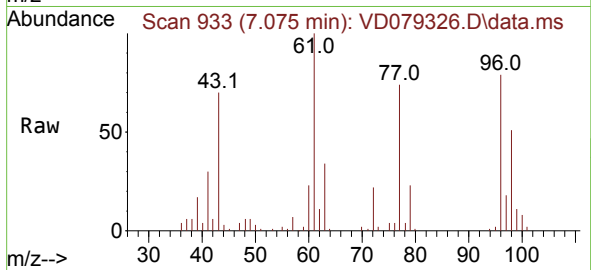
Tgt Ion: 77 Resp: 140730  
Ion Ratio Lower Upper  
77 100  
97 25.3 12.4 37.2



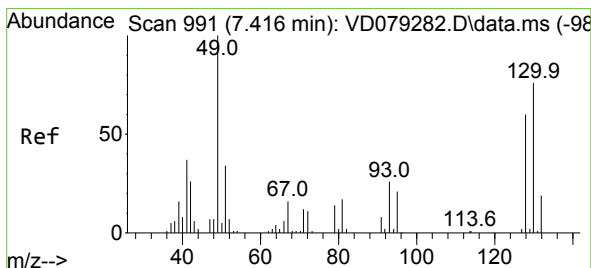
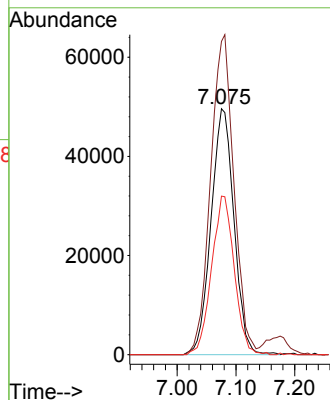
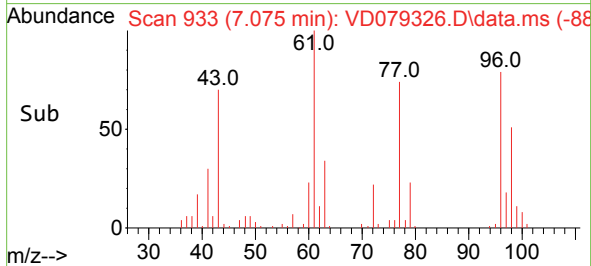


#27  
cis-1,2-Dichloroethene  
Concen: 55.739 ug/l  
RT: 7.075 min Scan# 91  
Delta R.T. -0.000 min  
Lab File: VD079326.D  
Acq: 02 Jul 2024 18:32

Instrument :  
MSVOA\_D  
ClientSampleId :

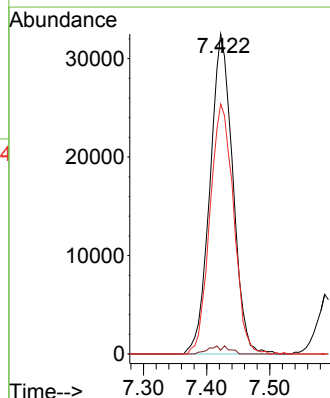
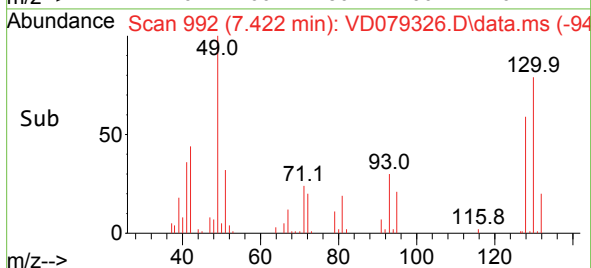
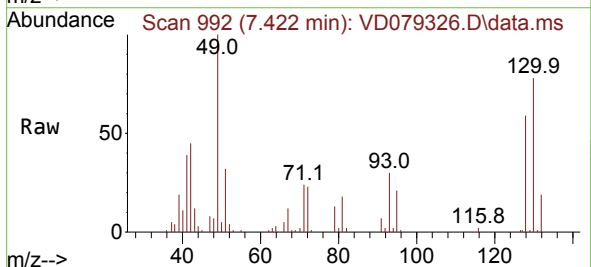


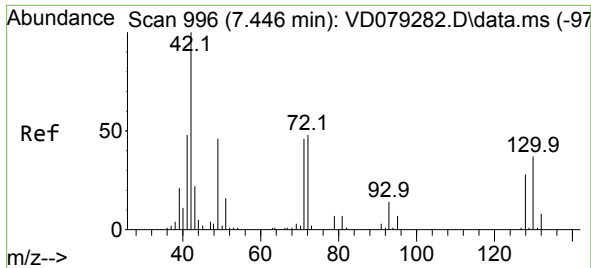
Tgt Ion: 96 Resp: 134562  
Ion Ratio Lower Upper  
96 100  
61 131.8 0.0 229.0  
98 63.6 0.0 127.2



#28  
Bromochloromethane  
Concen: 51.171 ug/l  
RT: 7.422 min Scan# 992  
Delta R.T. -0.000 min  
Lab File: VD079326.D  
Acq: 02 Jul 2024 18:32

Tgt Ion: 49 Resp: 81453  
Ion Ratio Lower Upper  
49 100  
129 1.4 0.0 7.0  
130 81.1 87.7 131.5#

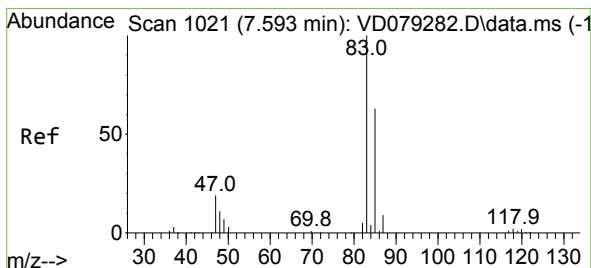
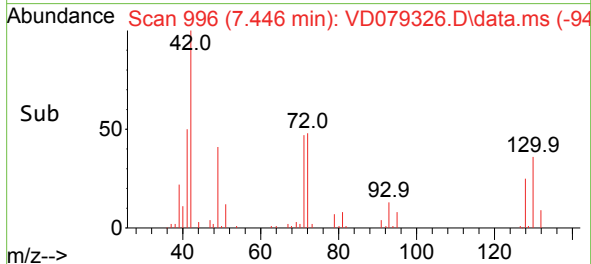
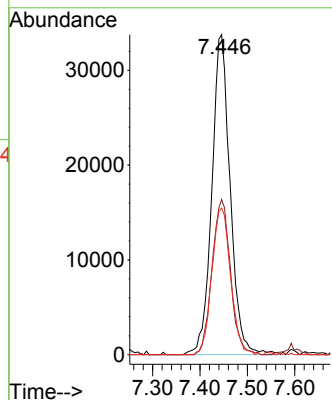
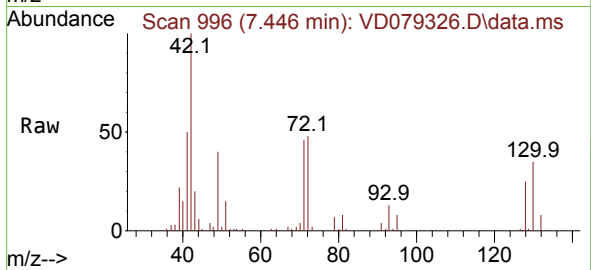




#29  
Tetrahydrofuran  
Concen: 297.151 ug/l  
RT: 7.446 min Scan# 996  
Delta R.T. 0.006 min  
Lab File: VD079326.D  
Acq: 02 Jul 2024 18:32

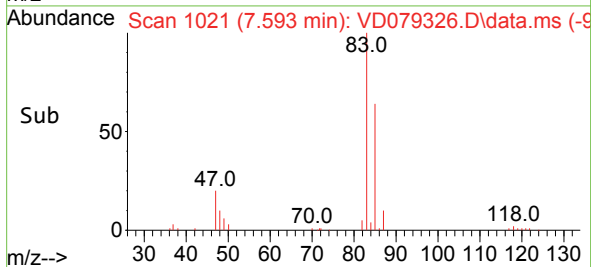
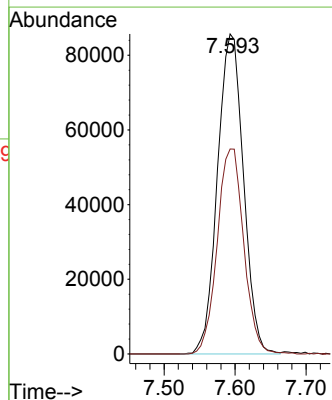
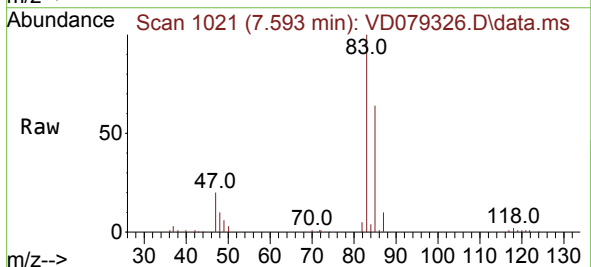
Instrument :  
MSVOA\_D  
ClientSampleId :

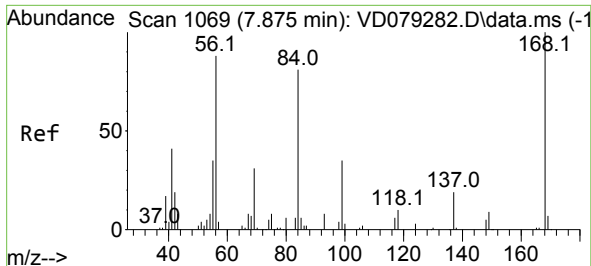
Tgt Ion: 42 Resp: 91043  
Ion Ratio Lower Upper  
42 100  
72 48.5 49.4 74.0#  
71 46.7 45.0 67.6



#30  
Chloroform  
Concen: 55.288 ug/l  
RT: 7.593 min Scan# 1021  
Delta R.T. -0.000 min  
Lab File: VD079326.D  
Acq: 02 Jul 2024 18:32

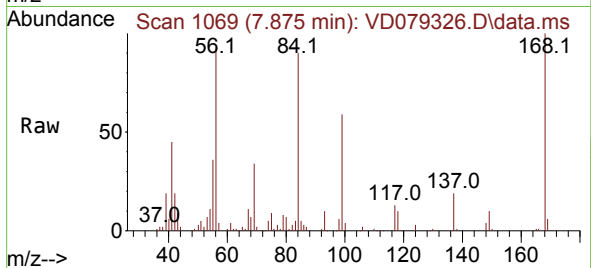
Tgt Ion: 83 Resp: 217737  
Ion Ratio Lower Upper  
83 100  
85 64.1 51.8 77.6



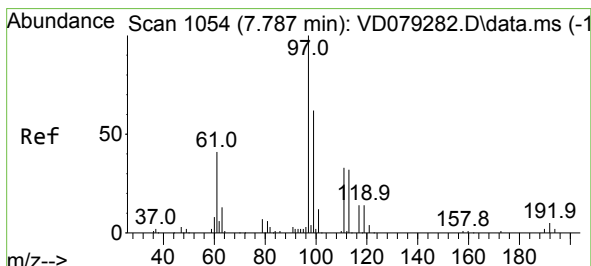
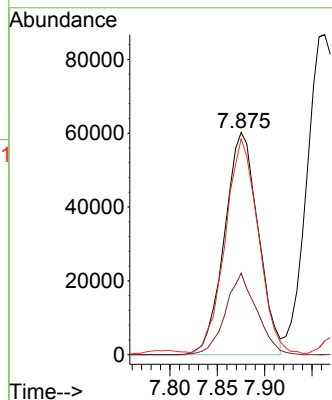
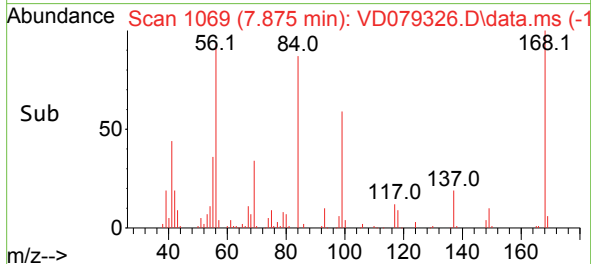


#31  
Cyclohexane  
Concen: 47.094 ug/l  
RT: 7.875 min Scan# 1069  
Delta R.T. -0.000 min  
Lab File: VD079326.D  
Acq: 02 Jul 2024 18:32

Instrument :  
MSVOA\_D  
ClientSampleId :

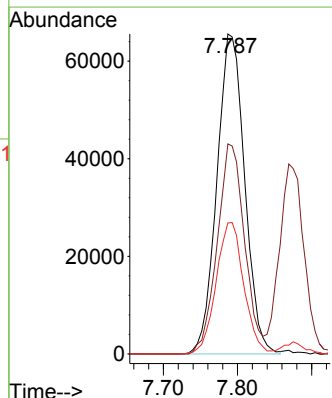
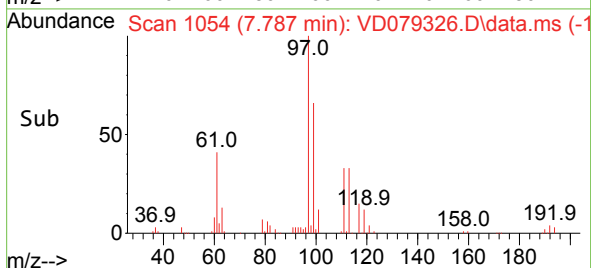
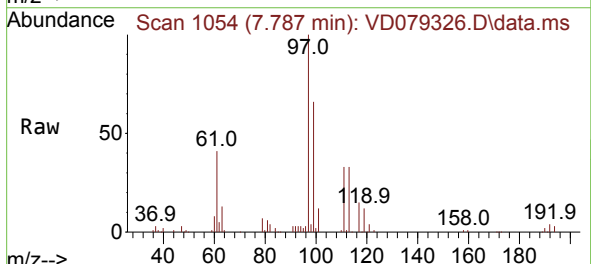


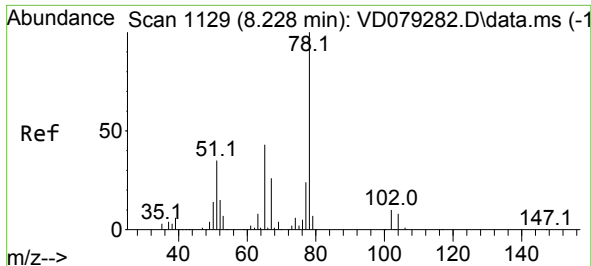
Tgt Ion: 56 Resp: 149324  
Ion Ratio Lower Upper  
56 100  
69 36.7 28.0 42.0  
84 95.8 87.4 131.0



#32  
1,1,1-Trichloroethane  
Concen: 52.852 ug/l  
RT: 7.787 min Scan# 1054  
Delta R.T. -0.000 min  
Lab File: VD079326.D  
Acq: 02 Jul 2024 18:32

Tgt Ion: 97 Resp: 170838  
Ion Ratio Lower Upper  
97 100  
99 64.5 51.3 76.9  
61 40.9 31.4 47.2





#33

1,2-Dichloroethane-d4

Concen: 53.781 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. 0.000 min

Lab File: VD079326.D

Acq: 02 Jul 2024 18:32

Instrument :

MSVOA\_D

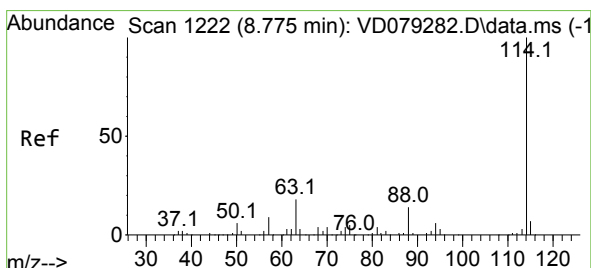
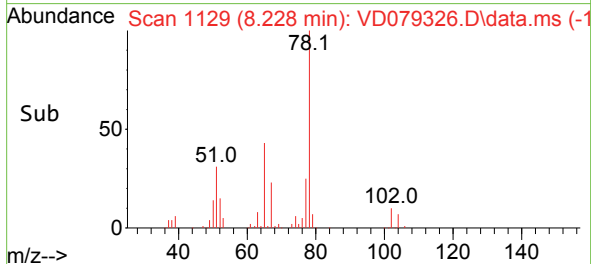
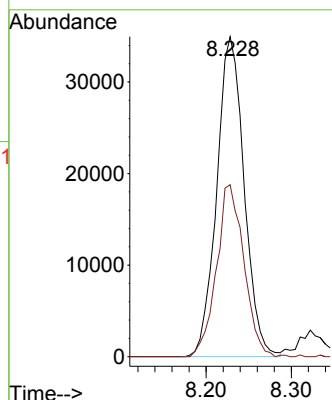
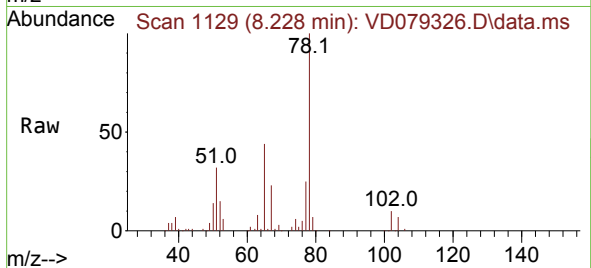
ClientSampleId :

Tgt Ion: 65 Resp: 77999

Ion Ratio Lower Upper

65 100

67 53.8 0.0 111.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1222

Delta R.T. -0.000 min

Lab File: VD079326.D

Acq: 02 Jul 2024 18:32

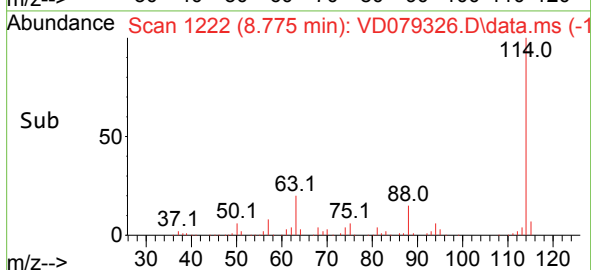
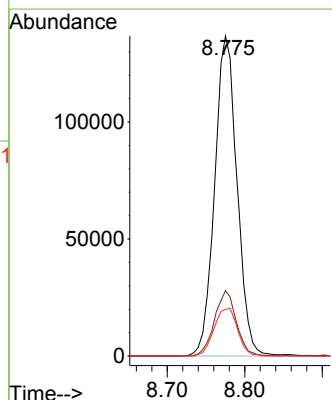
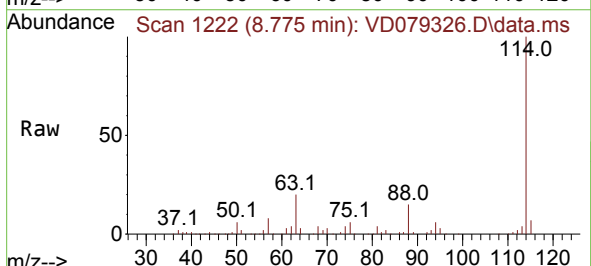
Tgt Ion: 114 Resp: 274124

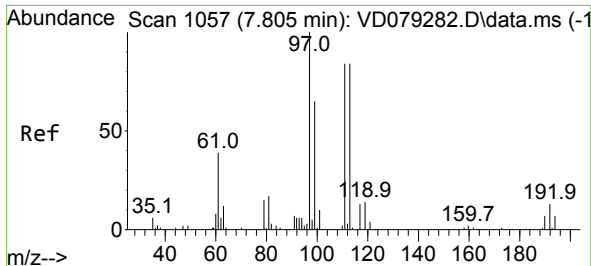
Ion Ratio Lower Upper

114 100

63 20.4 0.0 34.0

88 14.5 0.0 27.2





#35

Dibromofluoromethane

Concen: 48.803 ug/l

RT: 7.805 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VD079326.D

Acq: 02 Jul 2024 18:32

Instrument :

MSVOA\_D

ClientSampleId :

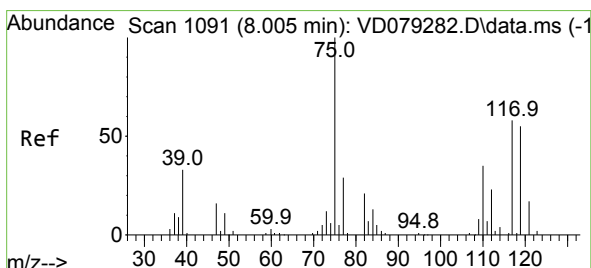
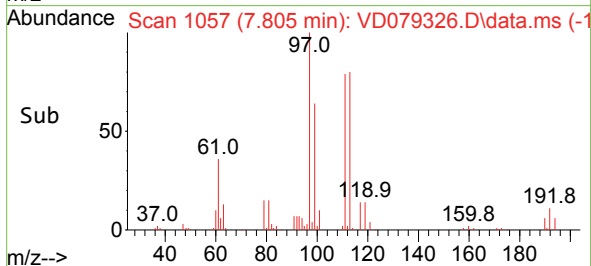
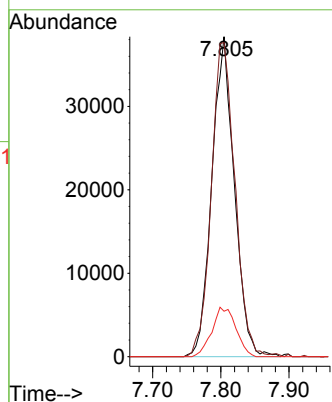
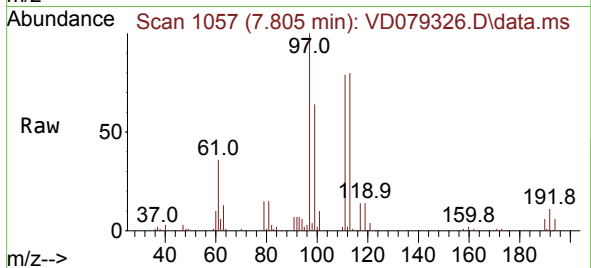
Tgt Ion:113 Resp: 87814

Ion Ratio Lower Upper

113 100

111 103.6 84.0 126.0

192 16.5 15.4 23.0



#36

1,1-Dichloropropene

Concen: 53.337 ug/l

RT: 8.005 min Scan# 1091

Delta R.T. -0.000 min

Lab File: VD079326.D

Acq: 02 Jul 2024 18:32

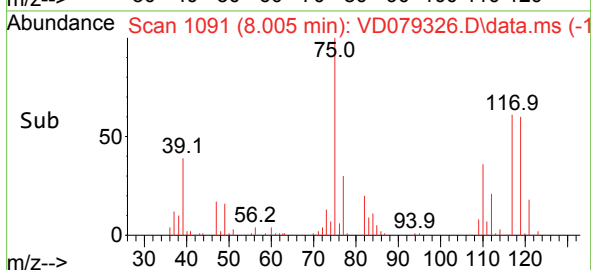
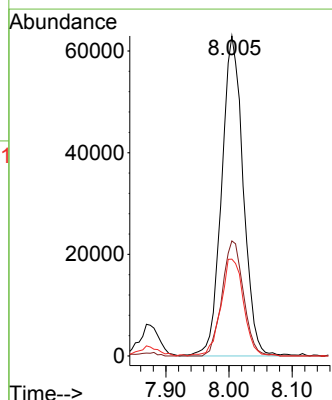
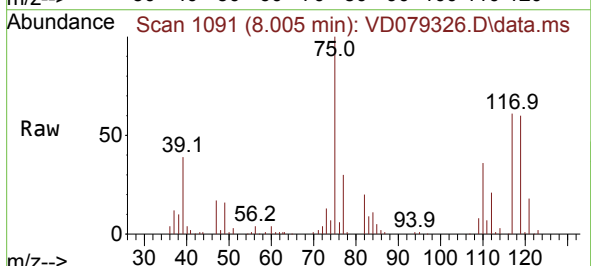
Tgt Ion: 75 Resp: 149107

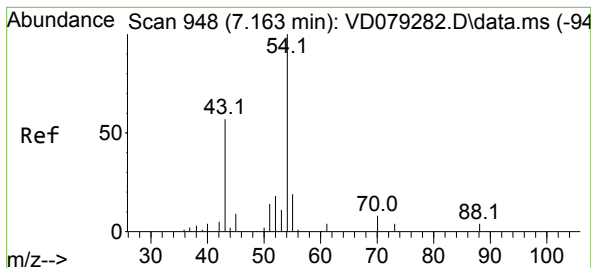
Ion Ratio Lower Upper

75 100

110 35.7 19.6 58.7

77 32.0 26.1 39.1





#37

Ethyl Acetate

Concen: 59.053 ug/l

RT: 7.169 min Scan# 948

Delta R.T. 0.006 min

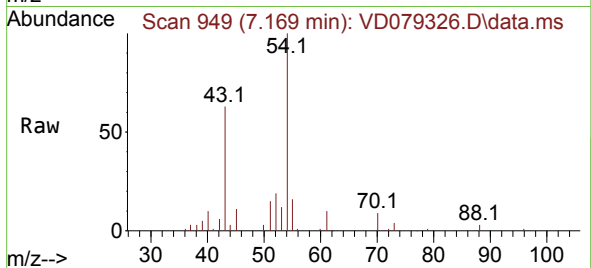
Lab File: VD079326.D

Acq: 02 Jul 2024 18:32

Instrument :

MSVOA\_D

ClientSampleId :



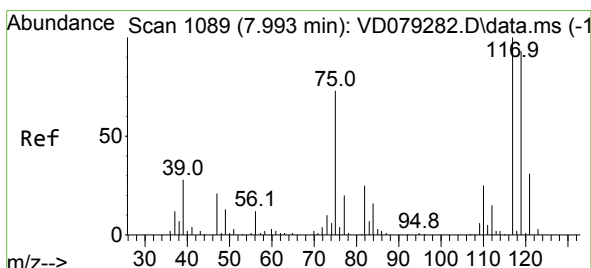
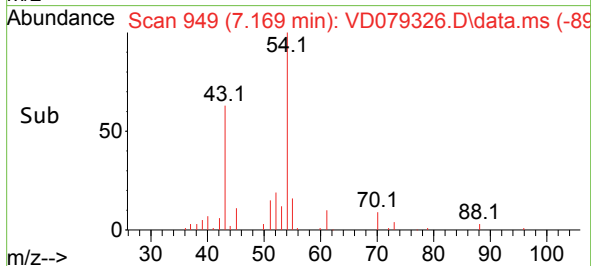
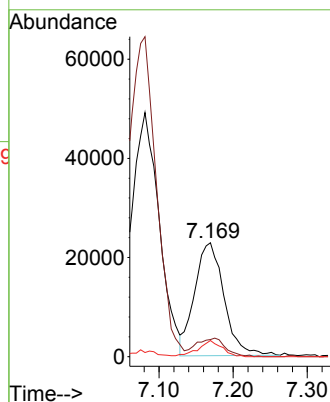
Tgt Ion: 43 Resp: 62840

Ion Ratio Lower Upper

43 100

61 16.4 13.9 20.9

70 11.6 9.8 14.6



#38

Carbon Tetrachloride

Concen: 51.818 ug/l

RT: 7.987 min Scan# 1088

Delta R.T. -0.000 min

Lab File: VD079326.D

Acq: 02 Jul 2024 18:32

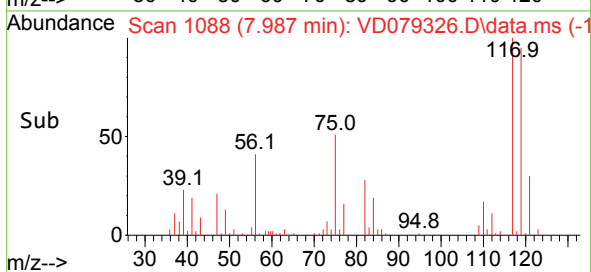
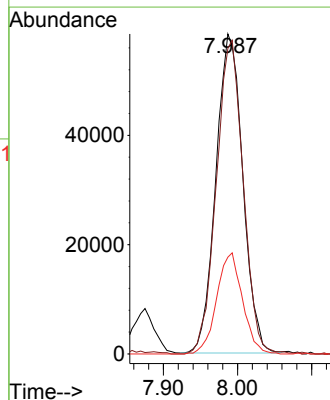
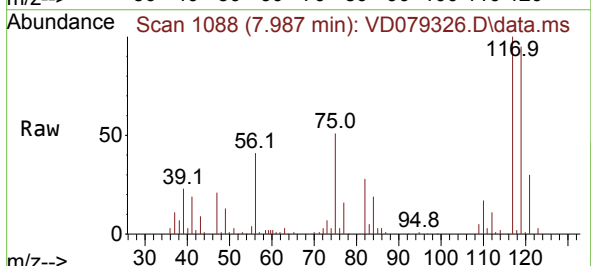
Tgt Ion: 117 Resp: 147108

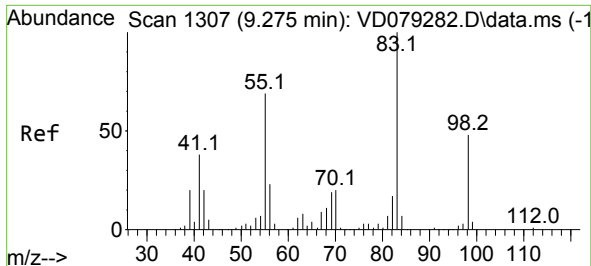
Ion Ratio Lower Upper

117 100

119 95.7 75.4 113.0

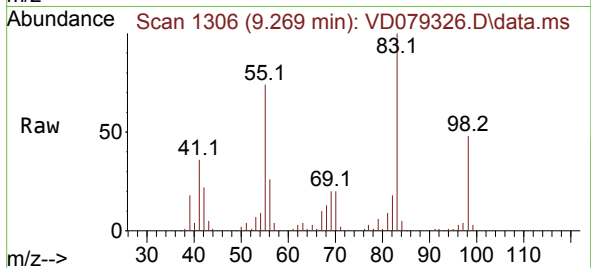
121 30.3 25.0 37.4



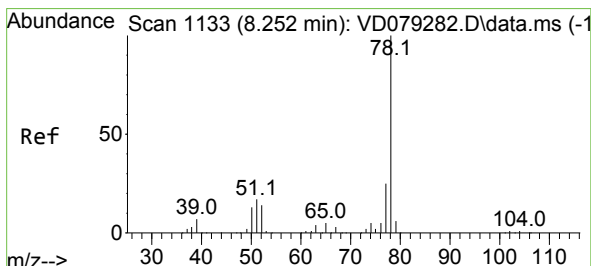
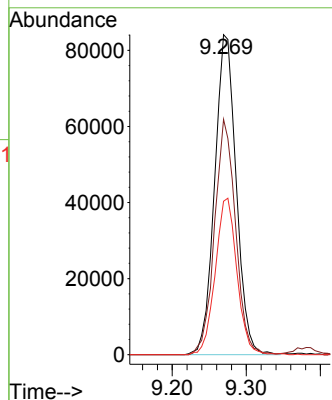
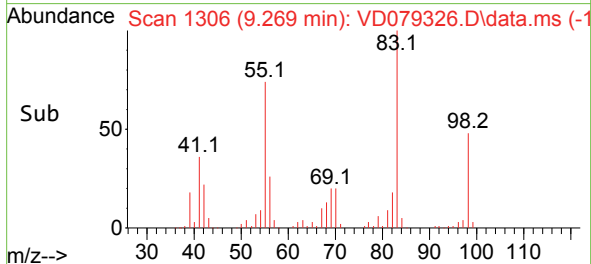


#39  
Methylcyclohexane  
Concen: 51.700 ug/l  
RT: 9.269 min Scan# 11306  
Delta R.T. -0.000 min  
Lab File: VD079326.D  
Acq: 02 Jul 2024 18:32

Instrument :  
MSVOA\_D  
ClientSampleId :

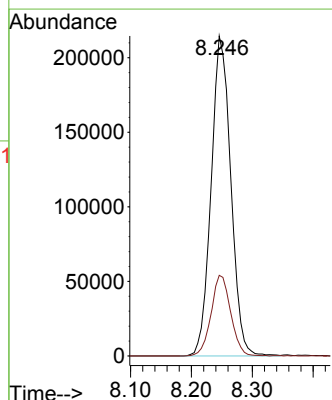
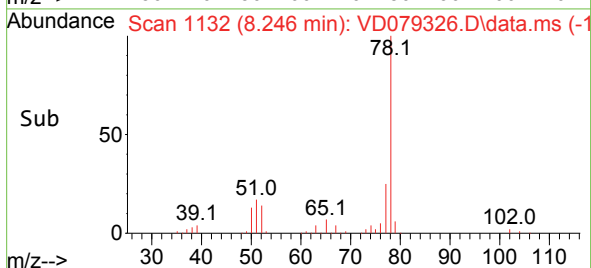
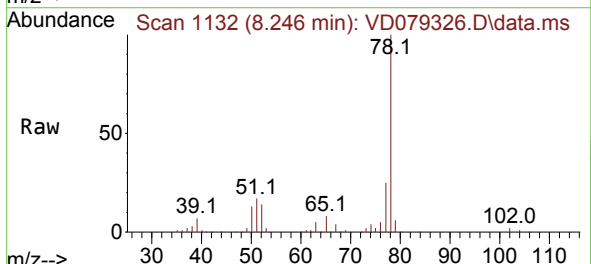


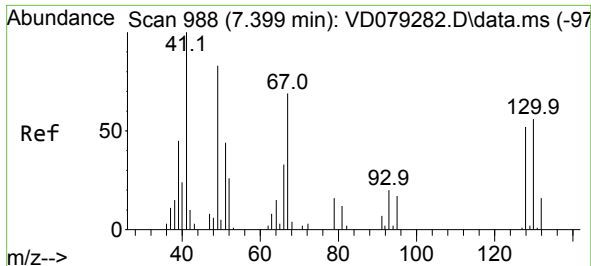
Tgt Ion: 83 Resp: 170041  
Ion Ratio Lower Upper  
83 100  
55 73.5 50.1 75.1  
98 47.9 41.9 62.9



#40  
Benzene  
Concen: 55.230 ug/l  
RT: 8.246 min Scan# 1132  
Delta R.T. -0.000 min  
Lab File: VD079326.D  
Acq: 02 Jul 2024 18:32

Tgt Ion: 78 Resp: 481708  
Ion Ratio Lower Upper  
78 100  
77 25.2 18.1 27.1

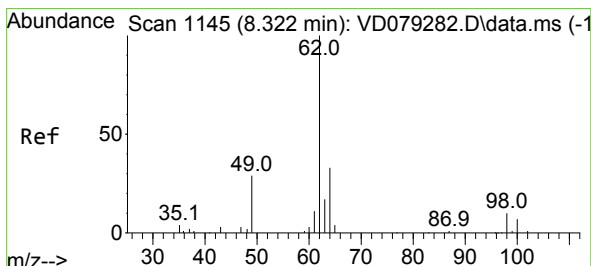
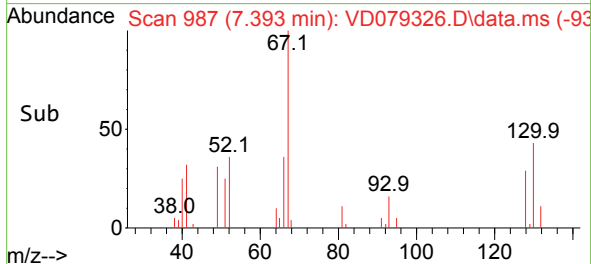
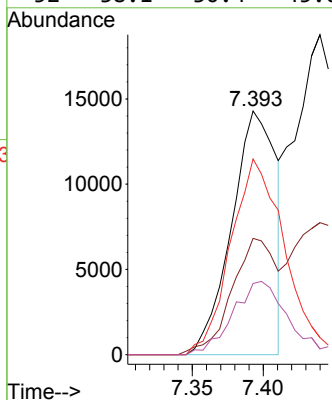
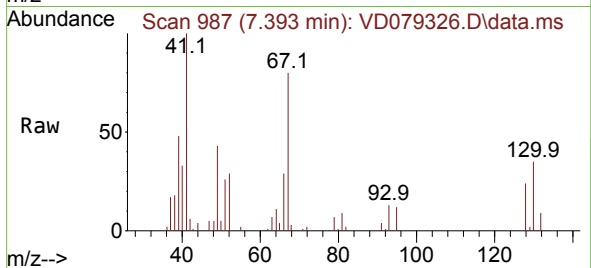




#41  
Methacrylonitrile  
Concen: 52.985 ug/l  
RT: 7.393 min Scan# 91  
Delta R.T. -0.000 min  
Lab File: VD079326.D  
Acq: 02 Jul 2024 18:32

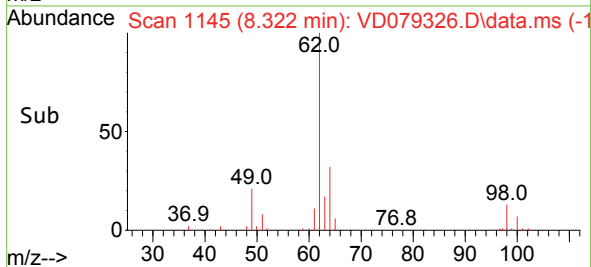
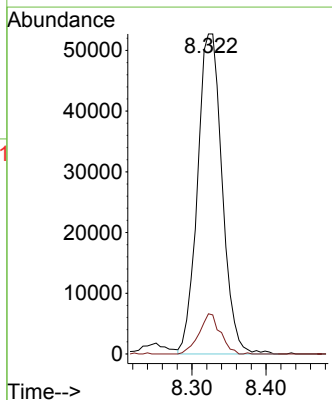
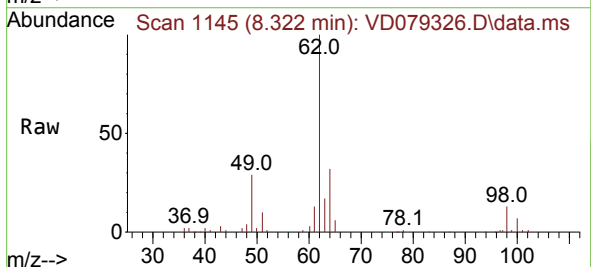
Instrument :  
MSVOA\_D  
ClientSampleId :

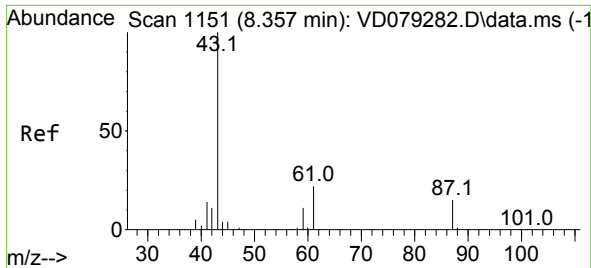
|             |             |
|-------------|-------------|
| Tgt Ion: 41 | Resp: 30992 |
| Ion Ratio   | Lower Upper |
| 41 100      |             |
| 39 47.2     | 41.4 62.0   |
| 67 97.6     | 85.8 128.6  |
| 52 38.1     | 30.4 45.6   |



#42  
1,2-Dichloroethane  
Concen: 57.973 ug/l  
RT: 8.322 min Scan# 1145  
Delta R.T. -0.000 min  
Lab File: VD079326.D  
Acq: 02 Jul 2024 18:32

|             |              |
|-------------|--------------|
| Tgt Ion: 62 | Resp: 121605 |
| Ion Ratio   | Lower Upper  |
| 62 100      |              |
| 98 10.8     | 0.0 25.8     |

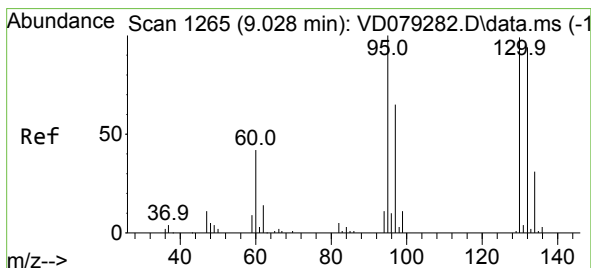
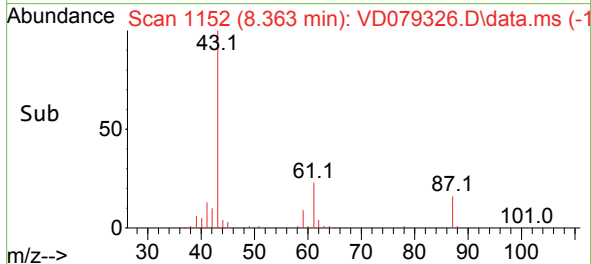
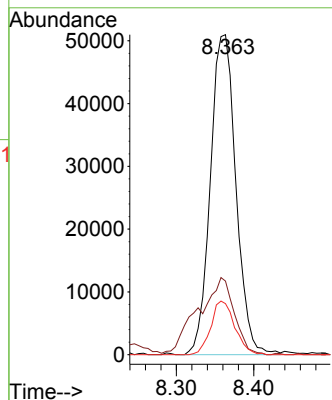
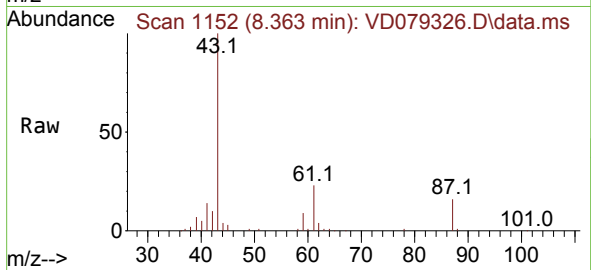




#43  
Isopropyl Acetate  
Concen: 57.037 ug/l  
RT: 8.363 min Scan# 1152  
Delta R.T. 0.006 min  
Lab File: VD079326.D  
Acq: 02 Jul 2024 18:32

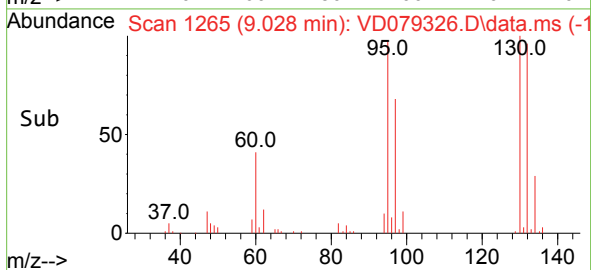
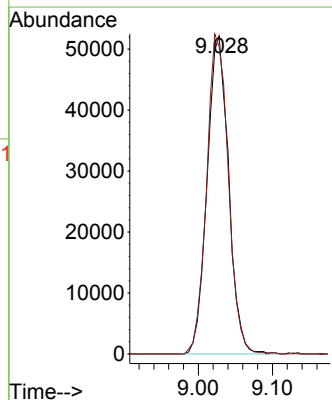
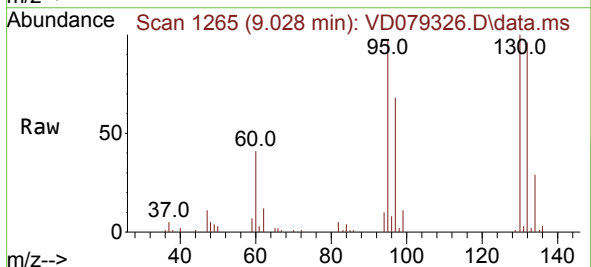
Instrument :  
MSVOA\_D  
ClientSampleId :

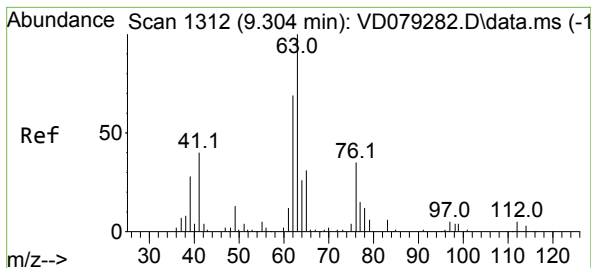
Tgt Ion: 43 Resp: 117136  
Ion Ratio Lower Upper  
43 100  
61 34.0 29.3 43.9  
87 15.7 14.9 22.3



#44  
Trichloroethene  
Concen: 52.636 ug/l  
RT: 9.028 min Scan# 1265  
Delta R.T. -0.000 min  
Lab File: VD079326.D  
Acq: 02 Jul 2024 18:32

Tgt Ion:130 Resp: 104865  
Ion Ratio Lower Upper  
130 100  
95 96.7 0.0 177.8





#45

1,2-Dichloropropane

Concen: 55.910 ug/l

RT: 9.304 min Scan# 11

Delta R.T. -0.000 min

Lab File: VD079326.D

Acq: 02 Jul 2024 18:32

Instrument :

MSVOA\_D

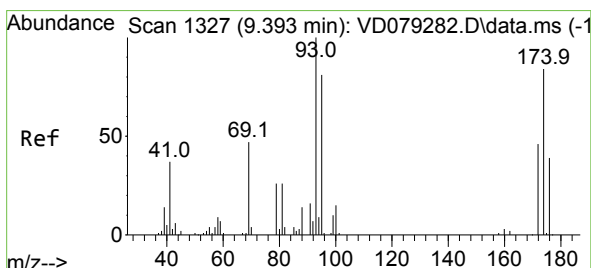
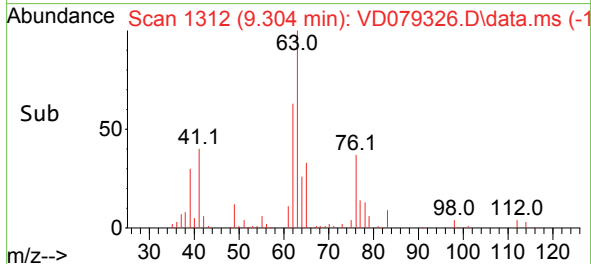
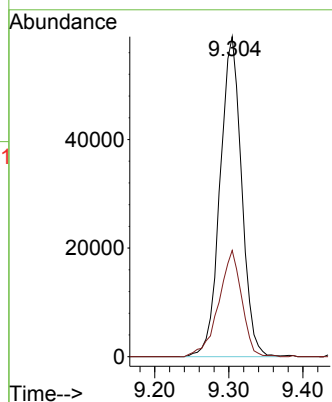
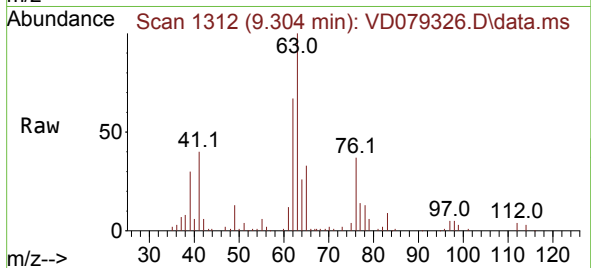
ClientSampleId :

Tgt Ion: 63 Resp: 118732

Ion Ratio Lower Upper

63 100

65 33.2 23.8 35.8



#46

Dibromomethane

Concen: 57.952 ug/l

RT: 9.393 min Scan# 1327

Delta R.T. -0.000 min

Lab File: VD079326.D

Acq: 02 Jul 2024 18:32

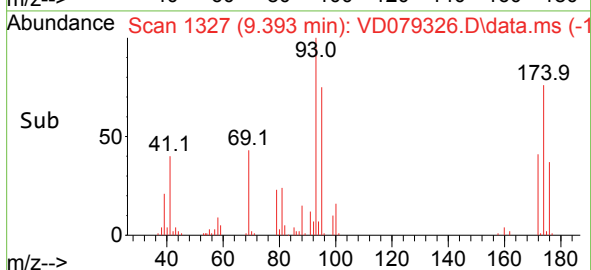
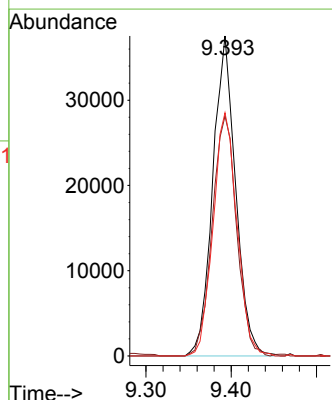
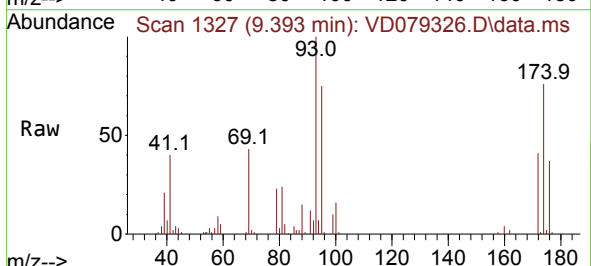
Tgt Ion: 93 Resp: 69800

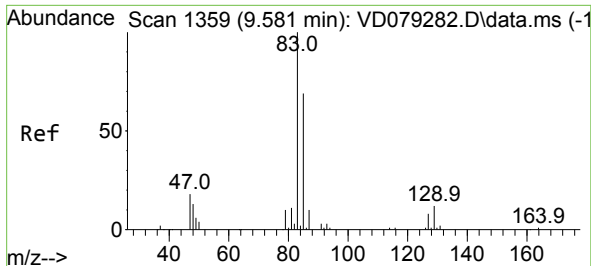
Ion Ratio Lower Upper

93 100

95 80.1 65.6 98.4

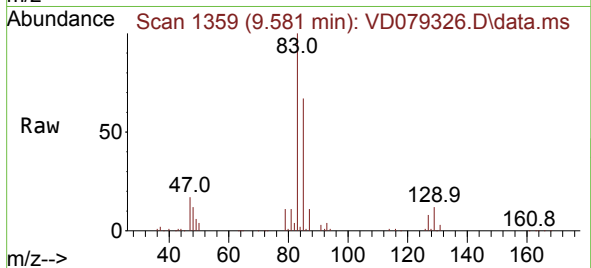
174 79.6 82.3 123.5#



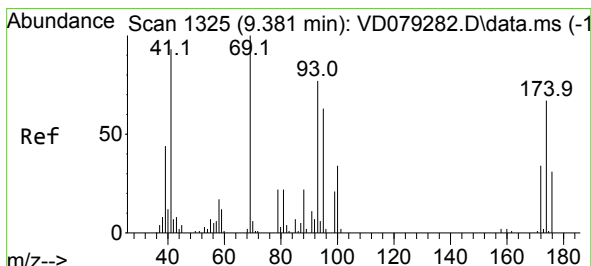
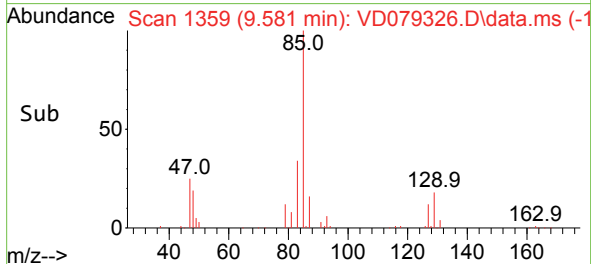
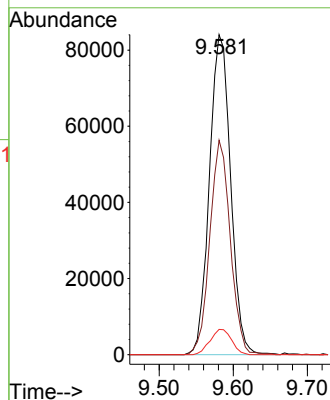


#47  
Bromodichloromethane  
Concen: 56.653 ug/l  
RT: 9.581 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VD079326.D  
Acq: 02 Jul 2024 18:32

Instrument :  
MSVOA\_D  
ClientSampleId :

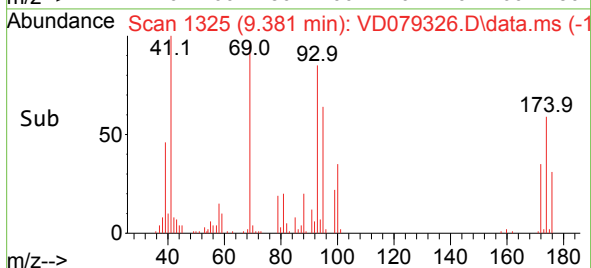
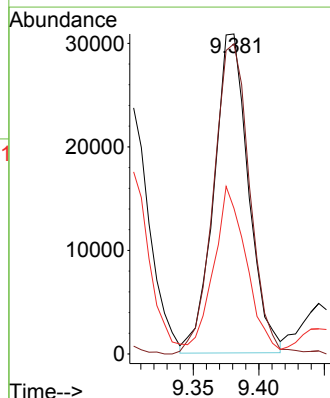
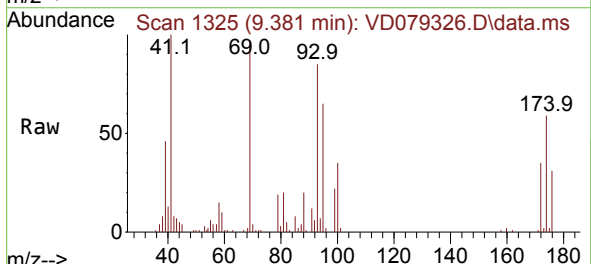


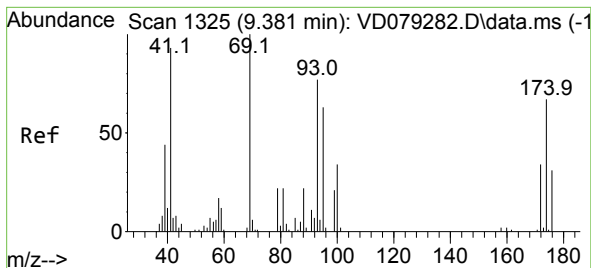
Tgt Ion: 83 Resp: 166981  
Ion Ratio Lower Upper  
83 100  
85 67.0 50.1 75.1  
127 7.9 6.8 10.2



#48  
Methyl methacrylate  
Concen: 60.920 ug/l  
RT: 9.381 min Scan# 1325  
Delta R.T. 0.006 min  
Lab File: VD079326.D  
Acq: 02 Jul 2024 18:32

Tgt Ion: 41 Resp: 56451  
Ion Ratio Lower Upper  
41 100  
69 102.2 96.7 145.1  
39 46.7 43.8 65.6





#49

1,4-Dioxane

Concen: 1164.470 ug/l

RT: 9.387 min Scan# 1

Delta R.T. 0.006 min

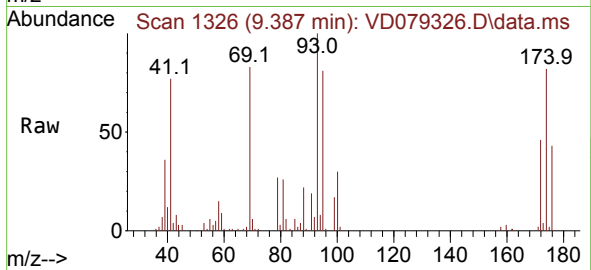
Lab File: VD079326.D

Acq: 02 Jul 2024 18:32

Instrument :

MSVOA\_D

ClientSampleId :



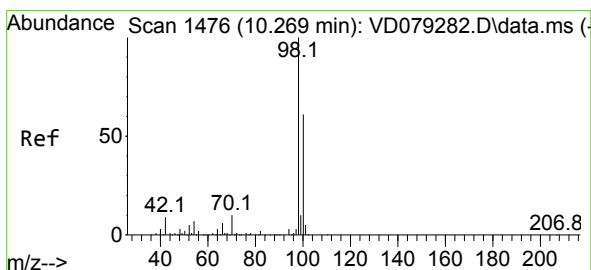
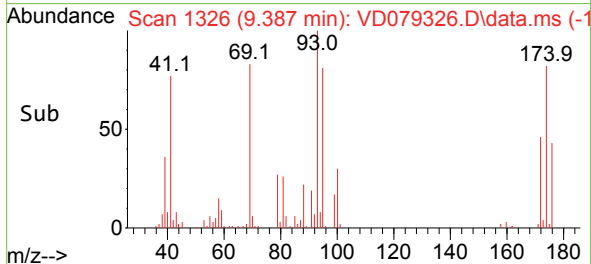
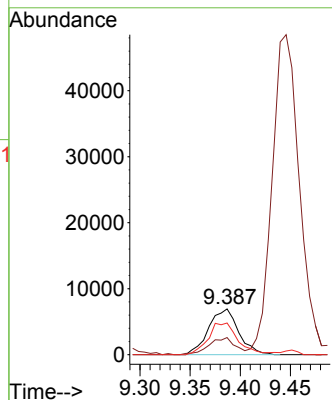
Tgt Ion: 88 Resp: 14372

Ion Ratio Lower Upper

88 100

43 33.0 21.5 32.3#

58 68.8 42.2 63.4#



#50

Toluene-d8

Concen: 45.469 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. -0.000 min

Lab File: VD079326.D

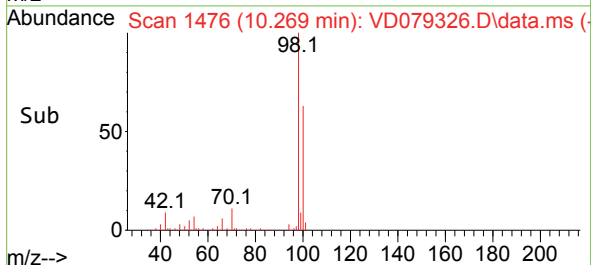
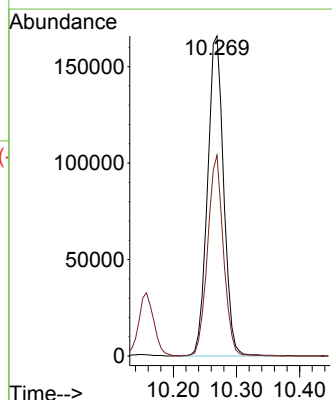
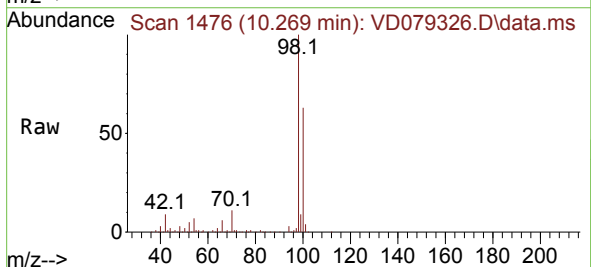
Acq: 02 Jul 2024 18:32

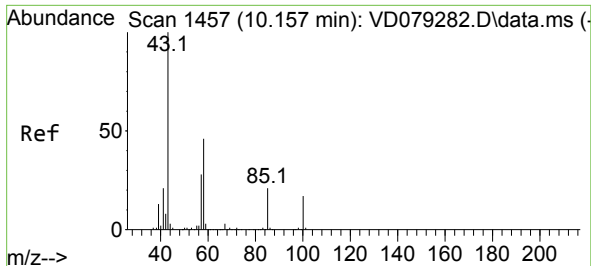
Tgt Ion: 98 Resp: 294325

Ion Ratio Lower Upper

98 100

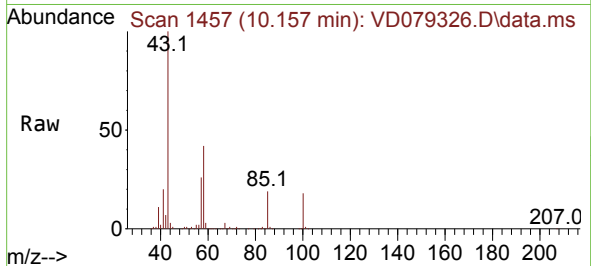
100 61.7 51.6 77.4



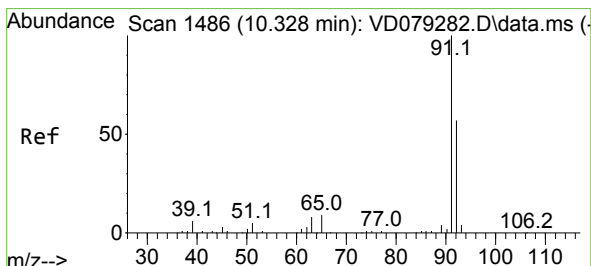
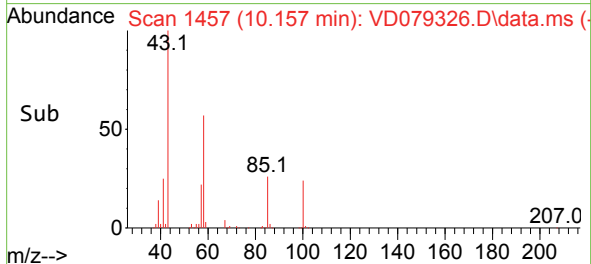
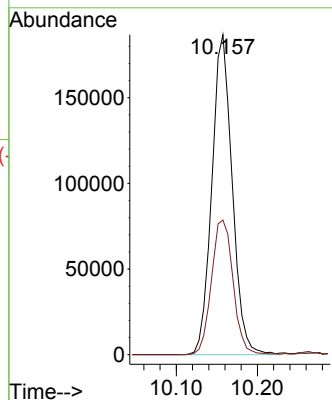


#51  
4-Methyl-2-Pentanone  
Concen: 304.685 ug/l  
RT: 10.157 min Scan# 1457  
Delta R.T. -0.000 min  
Lab File: VD079326.D  
Acq: 02 Jul 2024 18:32

Instrument :  
MSVOA\_D  
ClientSampleId :

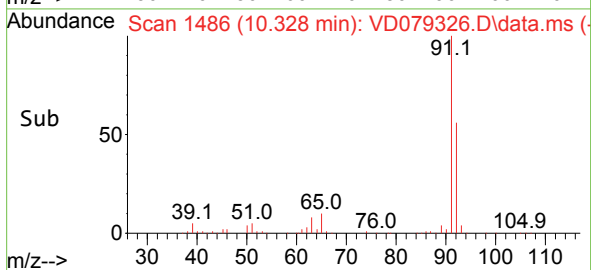
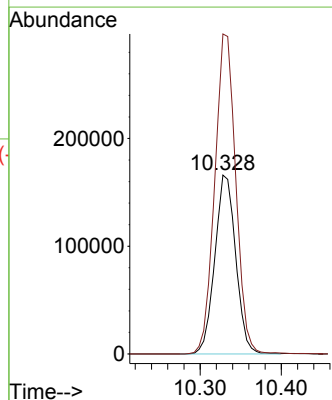
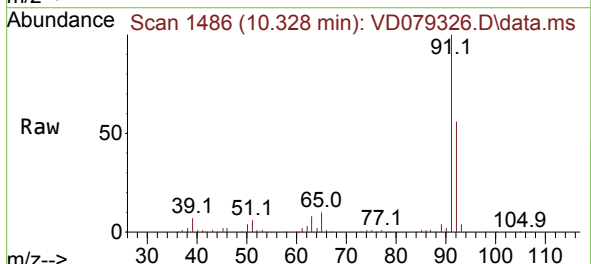


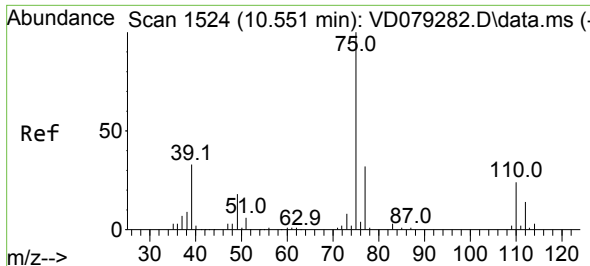
Tgt Ion: 43 Resp: 325627  
Ion Ratio Lower Upper  
43 100  
58 44.8 36.6 55.0



#52  
Toluene  
Concen: 56.047 ug/l  
RT: 10.328 min Scan# 1486  
Delta R.T. -0.006 min  
Lab File: VD079326.D  
Acq: 02 Jul 2024 18:32

Tgt Ion: 92 Resp: 297594  
Ion Ratio Lower Upper  
92 100  
91 179.9 141.7 212.5

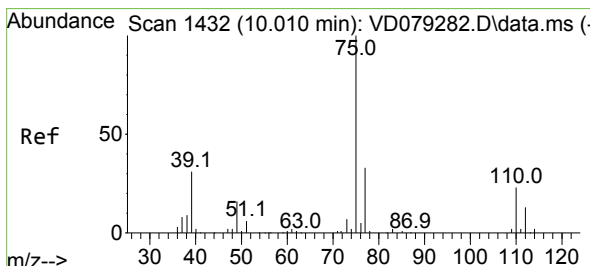
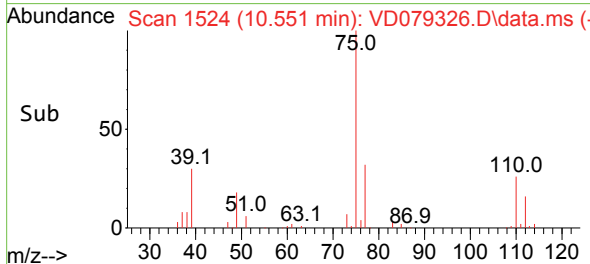
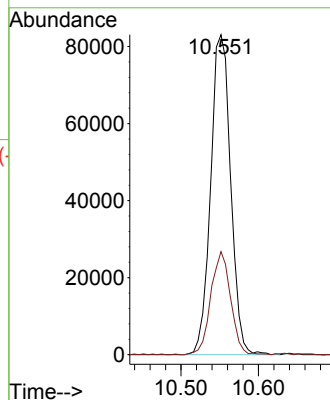
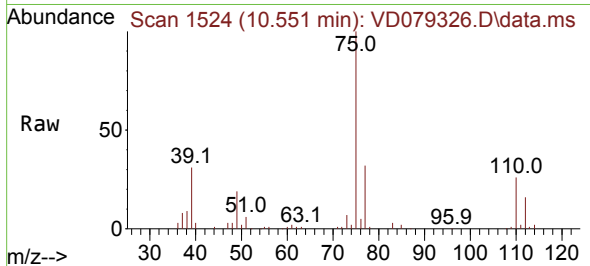




#53  
t-1,3-Dichloropropene  
Concen: 55.976 ug/l  
RT: 10.551 min Scan# 1524  
Delta R.T. -0.000 min  
Lab File: VD079326.D  
Acq: 02 Jul 2024 18:32

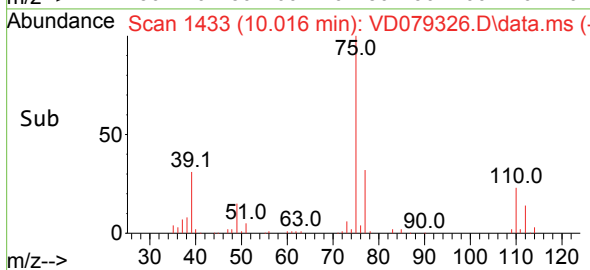
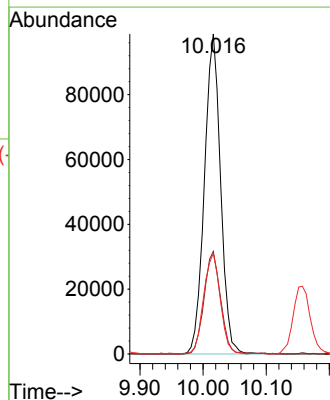
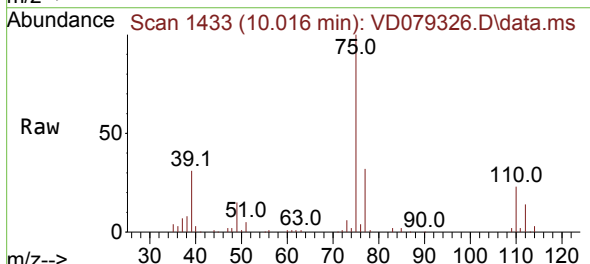
Instrument :  
MSVOA\_D  
ClientSampleId :

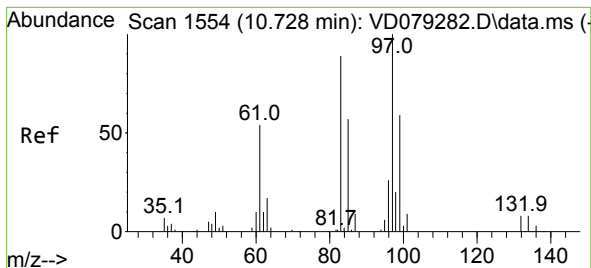
Tgt Ion: 75 Resp: 148995  
Ion Ratio Lower Upper  
75 100  
77 32.2 25.0 37.6



#54  
cis-1,3-Dichloropropene  
Concen: 55.096 ug/l  
RT: 10.016 min Scan# 1433  
Delta R.T. -0.000 min  
Lab File: VD079326.D  
Acq: 02 Jul 2024 18:32

Tgt Ion: 75 Resp: 175960  
Ion Ratio Lower Upper  
75 100  
77 32.0 24.4 36.6  
39 31.4 24.2 36.2





#55

1,1,2-Trichloroethane

Concen: 58.270 ug/l

RT: 10.728 min Scan# 1554

Delta R.T. -0.000 min

Lab File: VD079326.D

Acq: 02 Jul 2024 18:32

Instrument :

MSVOA\_D

ClientSampleId :

Tgt Ion: 97 Resp: 90521

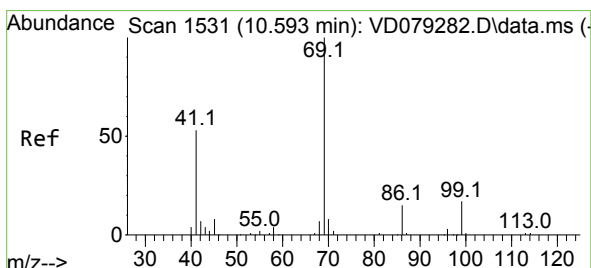
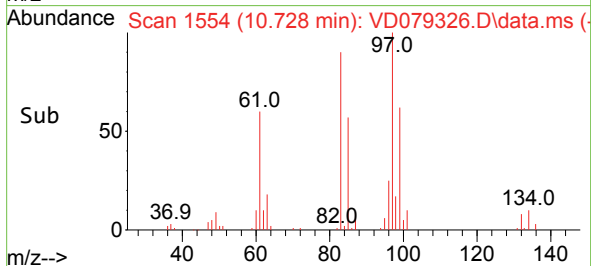
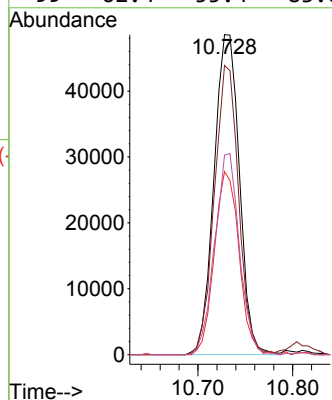
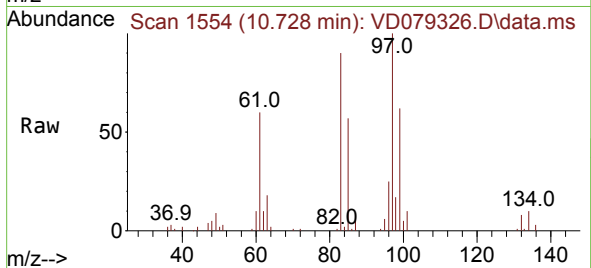
Ion Ratio Lower Upper

97 100

83 90.4 65.8 98.8

85 57.2 43.8 65.8

99 62.4 55.4 83.0



#56

Ethyl methacrylate

Concen: 53.327 ug/l

RT: 10.593 min Scan# 1531

Delta R.T. -0.000 min

Lab File: VD079326.D

Acq: 02 Jul 2024 18:32

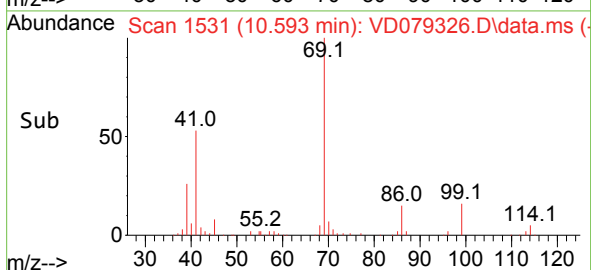
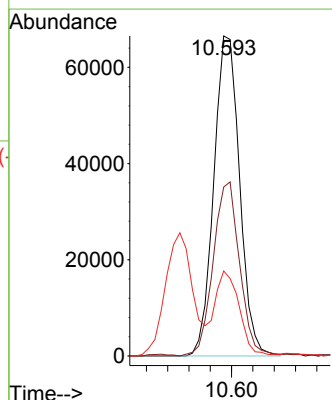
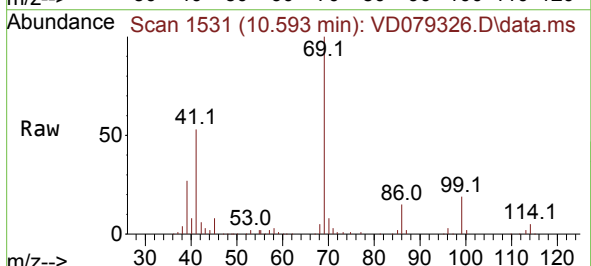
Tgt Ion: 69 Resp: 111801

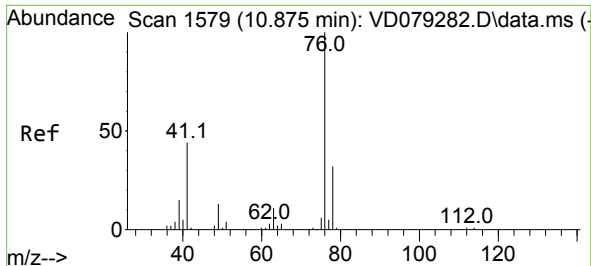
Ion Ratio Lower Upper

69 100

41 56.5 39.8 59.6

39 25.2 20.2 30.4





#57

1,3-Dichloropropane

Concen: 57.130 ug/l

RT: 10.875 min Scan# 1579

Delta R.T. -0.000 min

Lab File: VD079326.D

Acq: 02 Jul 2024 18:32

Instrument :

MSVOA\_D

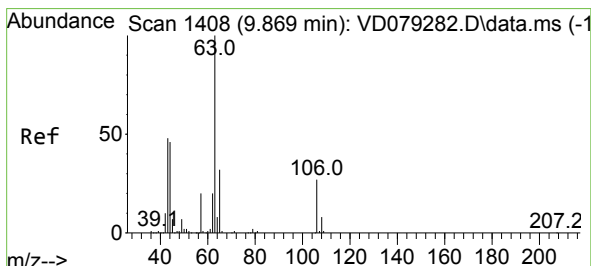
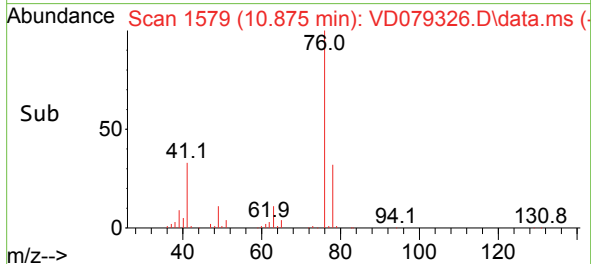
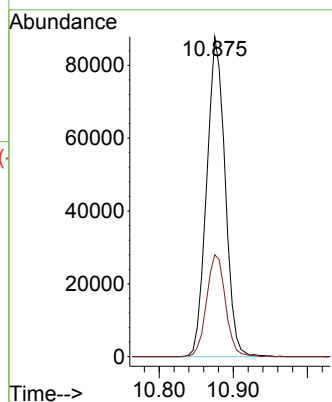
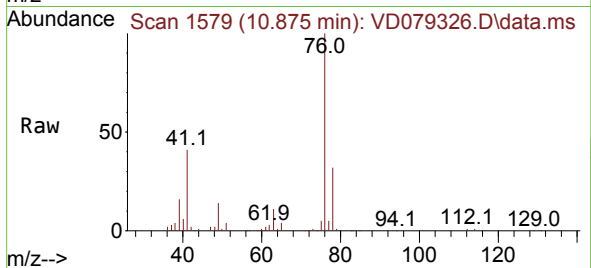
ClientSampleId :

Tgt Ion: 76 Resp: 151737

Ion Ratio Lower Upper

76 100

78 32.7 26.2 39.2



#58

2-Chloroethyl Vinyl ether

Concen: 261.865 ug/l

RT: 9.869 min Scan# 1408

Delta R.T. 0.000 min

Lab File: VD079326.D

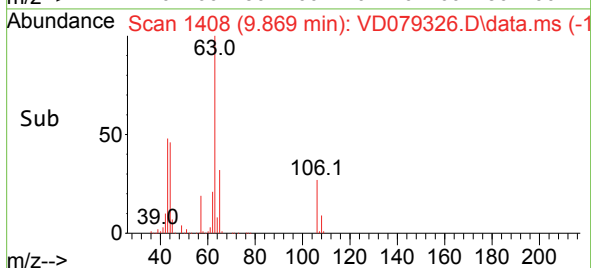
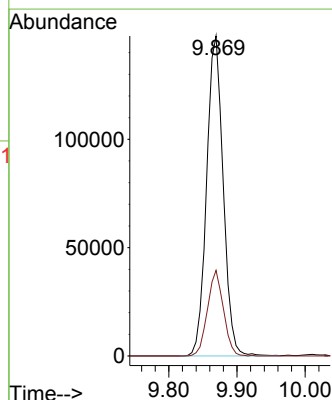
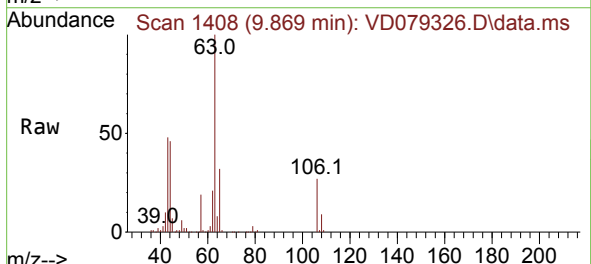
Acq: 02 Jul 2024 18:32

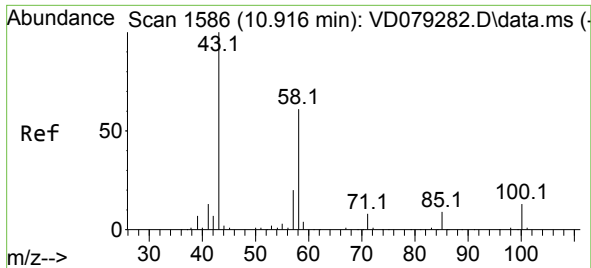
Tgt Ion: 63 Resp: 249897

Ion Ratio Lower Upper

63 100

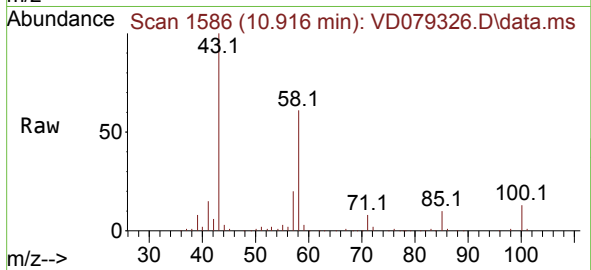
106 25.8 26.4 39.6#



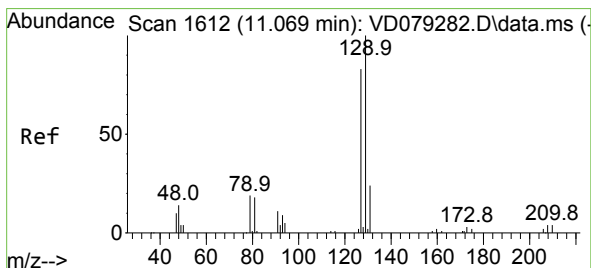
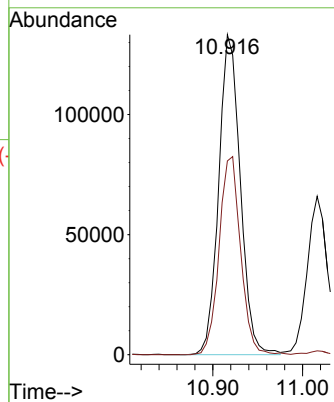
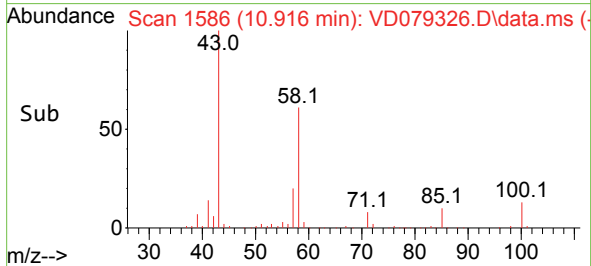


#59  
2-Hexanone  
Concen: 293.315 ug/l  
RT: 10.916 min Scan# 1586  
Delta R.T. -0.006 min  
Lab File: VD079326.D  
Acq: 02 Jul 2024 18:32

Instrument :  
MSVOA\_D  
ClientSampleId :

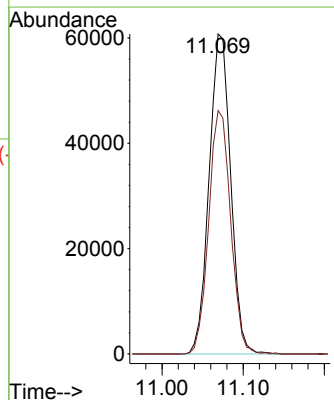
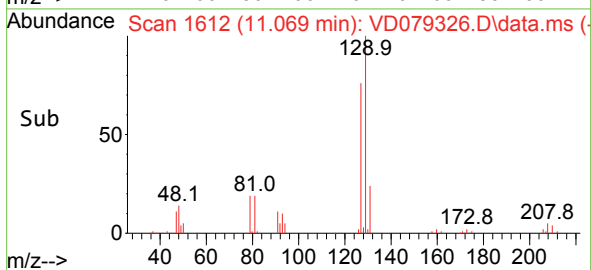
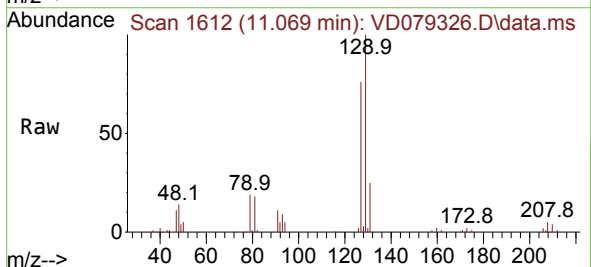


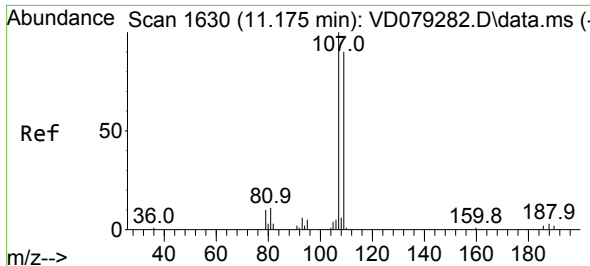
Tgt Ion: 43 Resp: 222613  
Ion Ratio Lower Upper  
43 100  
58 61.7 31.1 93.5



#60  
Dibromochloromethane  
Concen: 57.109 ug/l  
RT: 11.069 min Scan# 1612  
Delta R.T. -0.000 min  
Lab File: VD079326.D  
Acq: 02 Jul 2024 18:32

Tgt Ion: 129 Resp: 111986  
Ion Ratio Lower Upper  
129 100  
127 77.5 38.0 113.9

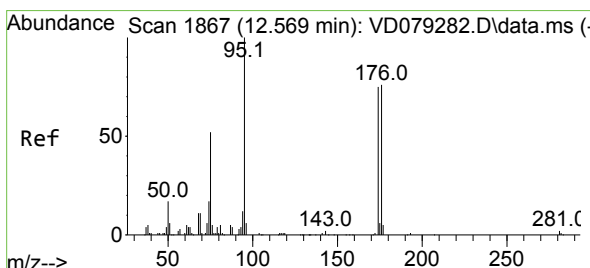
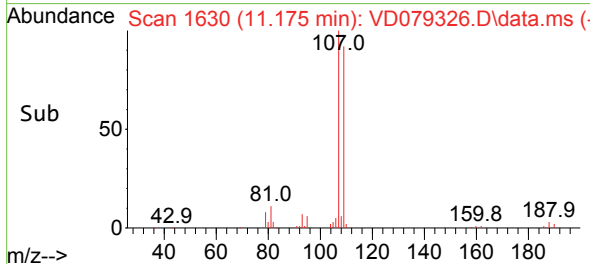
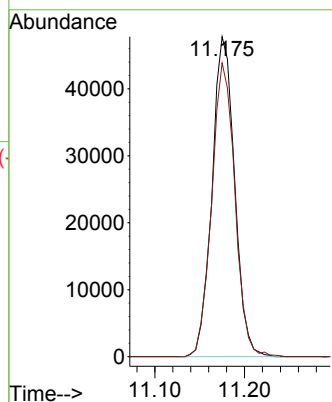
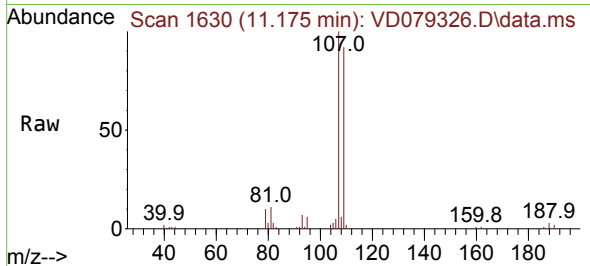




#61  
1,2-Dibromoethane  
Concen: 58.544 ug/l  
RT: 11.175 min Scan# 1630  
Delta R.T. -0.000 min  
Lab File: VD079326.D  
Acq: 02 Jul 2024 18:32

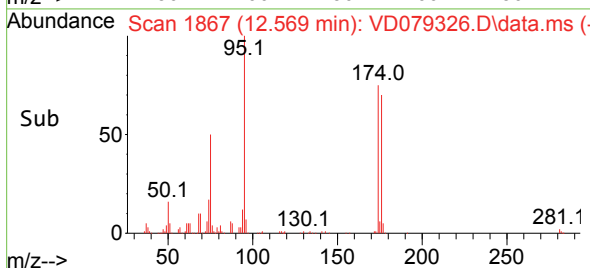
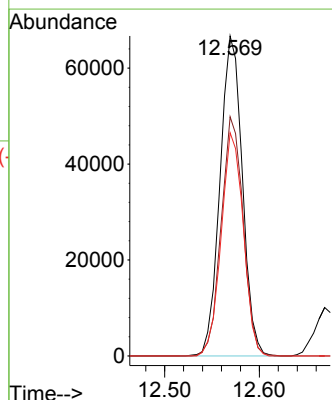
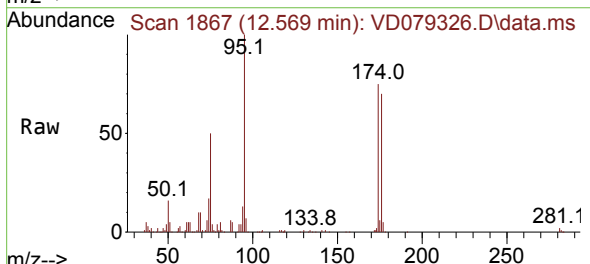
Instrument :  
MSVOA\_D  
ClientSampleId :

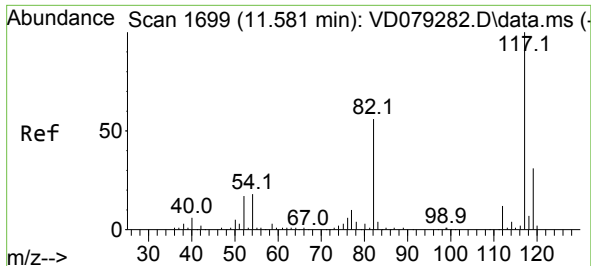
Tgt Ion:107 Resp: 83379  
Ion Ratio Lower Upper  
107 100  
109 94.2 72.0 108.0



#62  
4-Bromofluorobenzene  
Concen: 52.633 ug/l  
RT: 12.569 min Scan# 1867  
Delta R.T. -0.000 min  
Lab File: VD079326.D  
Acq: 02 Jul 2024 18:32

Tgt Ion: 95 Resp: 109251  
Ion Ratio Lower Upper  
95 100  
174 73.7 0.0 195.4  
176 69.1 0.0 192.6

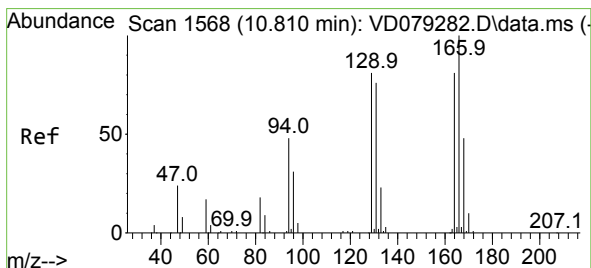
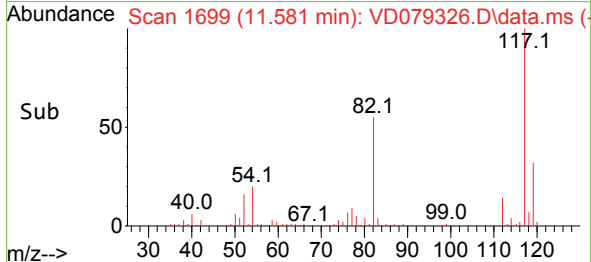
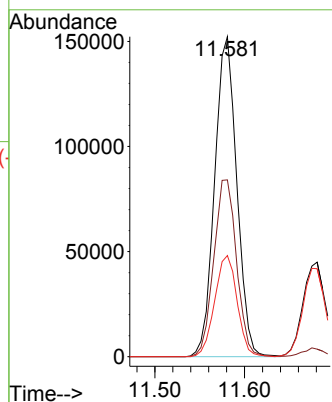
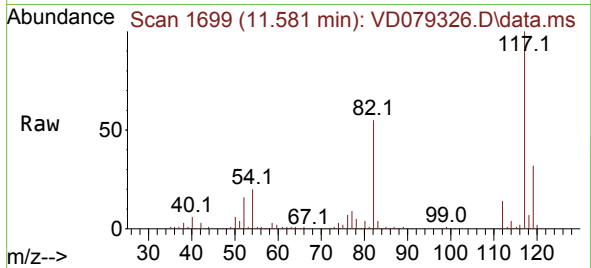




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.581 min Scan# 117  
Delta R.T. -0.000 min  
Lab File: VD079326.D  
Acq: 02 Jul 2024 18:32

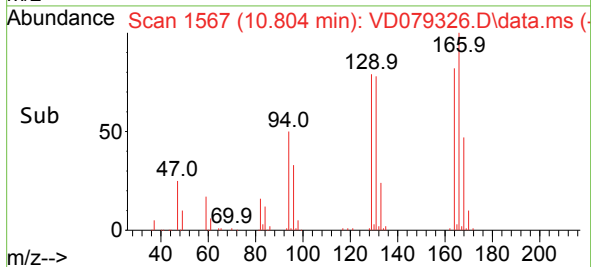
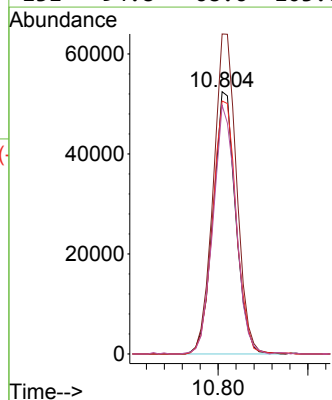
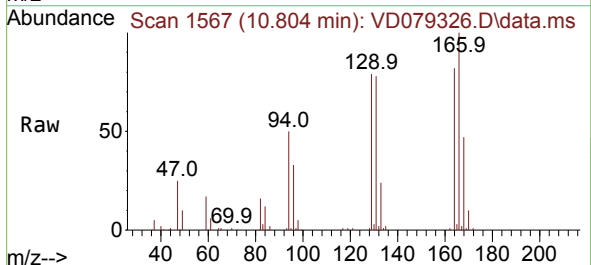
Instrument :  
MSVOA\_D  
ClientSampleId :

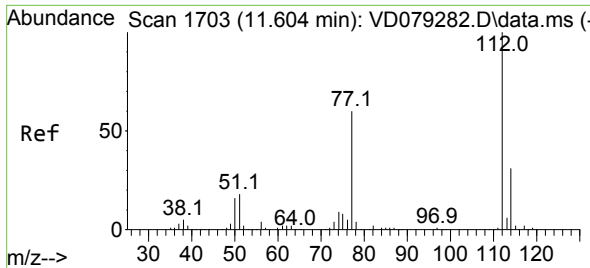
Tgt Ion:117 Resp: 260607  
Ion Ratio Lower Upper  
117 100  
82 55.3 39.8 59.6  
119 31.6 25.7 38.5



#64  
Tetrachloroethene  
Concen: 56.362 ug/l  
RT: 10.804 min Scan# 1567  
Delta R.T. -0.000 min  
Lab File: VD079326.D  
Acq: 02 Jul 2024 18:32

Tgt Ion:164 Resp: 91516  
Ion Ratio Lower Upper  
164 100  
166 122.1 108.6 163.0  
129 96.5 74.6 112.0  
131 94.8 68.6 103.0

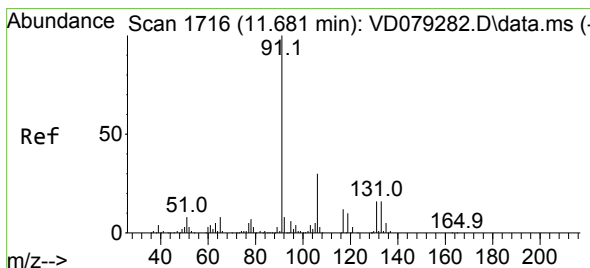
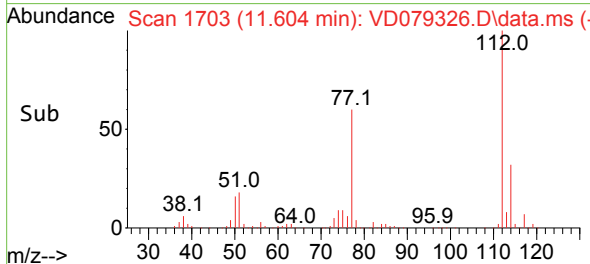
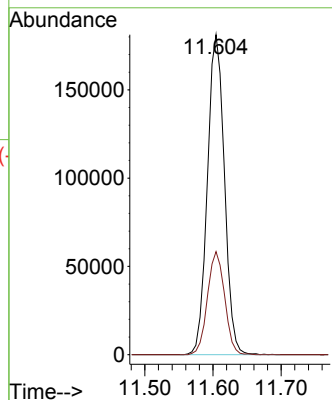
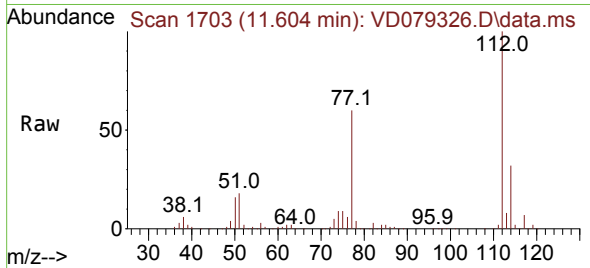




#65  
Chlorobenzene  
Concen: 54.278 ug/l  
RT: 11.604 min Scan# 1703  
Delta R.T. -0.000 min  
Lab File: VD079326.D  
Acq: 02 Jul 2024 18:32

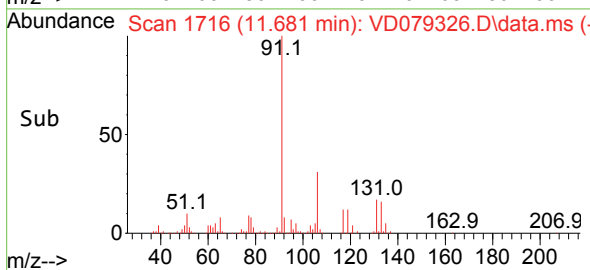
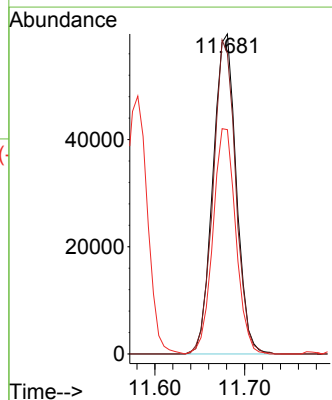
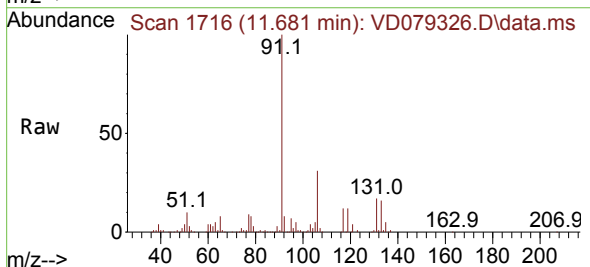
Instrument :  
MSVOA\_D  
ClientSampleId :

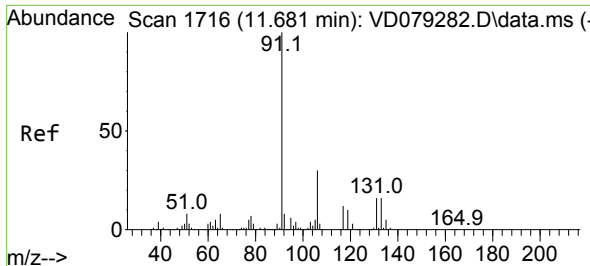
Tgt Ion:112 Resp: 314623  
Ion Ratio Lower Upper  
112 100  
114 32.2 26.0 39.0



#66  
1,1,1,2-Tetrachloroethane  
Concen: 54.551 ug/l  
RT: 11.681 min Scan# 1716  
Delta R.T. -0.000 min  
Lab File: VD079326.D  
Acq: 02 Jul 2024 18:32

Tgt Ion:131 Resp: 107627  
Ion Ratio Lower Upper  
131 100  
133 95.4 49.2 147.6  
119 69.3 33.4 100.2

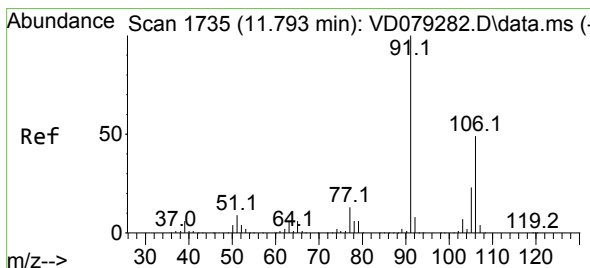
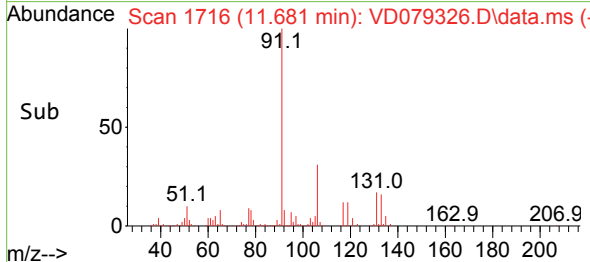
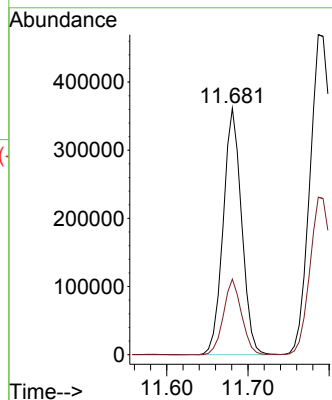
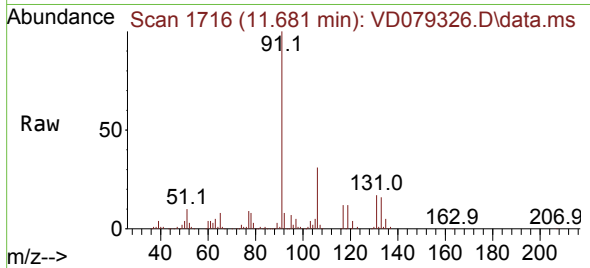




#67  
Ethyl Benzene  
Concen: 56.371 ug/l  
RT: 11.681 min Scan# 1716  
Delta R.T. -0.000 min  
Lab File: VD079326.D  
Acq: 02 Jul 2024 18:32

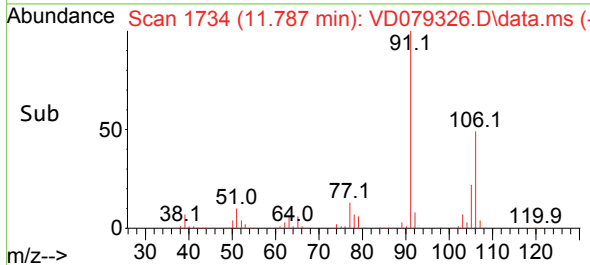
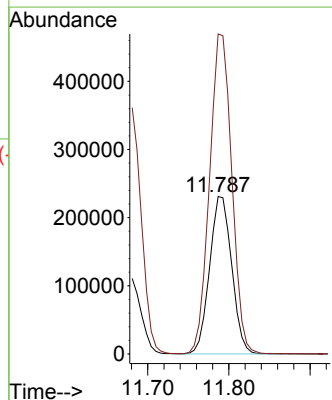
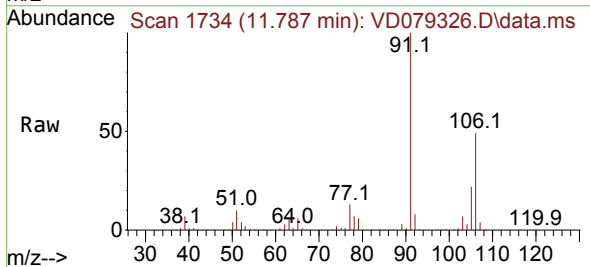
Instrument :  
MSVOA\_D  
ClientSampleId :

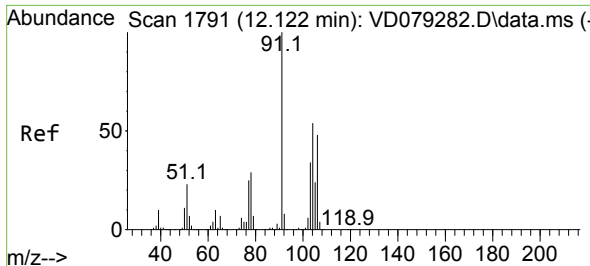
Tgt Ion: 91 Resp: 570183  
Ion Ratio Lower Upper  
91 100  
106 30.6 25.8 38.6



#68  
m/p-Xylenes  
Concen: 112.123 ug/l  
RT: 11.787 min Scan# 1734  
Delta R.T. -0.006 min  
Lab File: VD079326.D  
Acq: 02 Jul 2024 18:32

Tgt Ion:106 Resp: 437443  
Ion Ratio Lower Upper  
106 100  
91 204.3 148.5 222.7

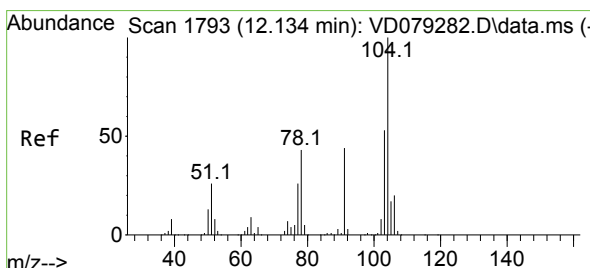
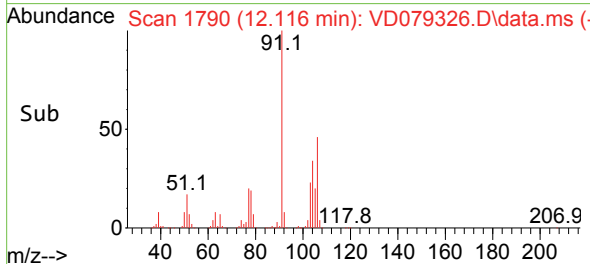
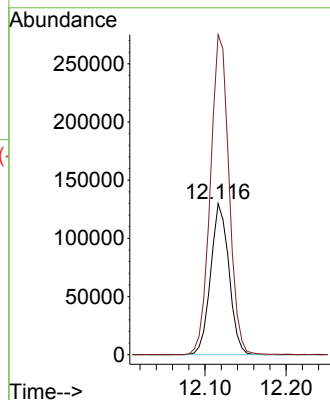
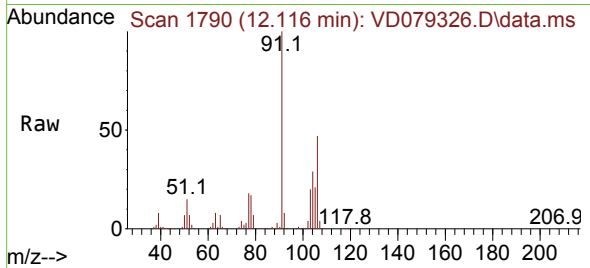




#69  
o-Xylene  
Concen: 57.940 ug/l  
RT: 12.116 min Scan# 1790  
Delta R.T. -0.000 min  
Lab File: VD079326.D  
Acq: 02 Jul 2024 18:32

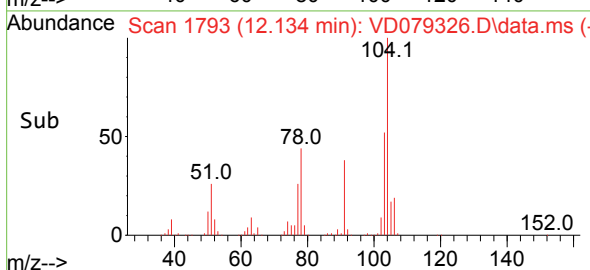
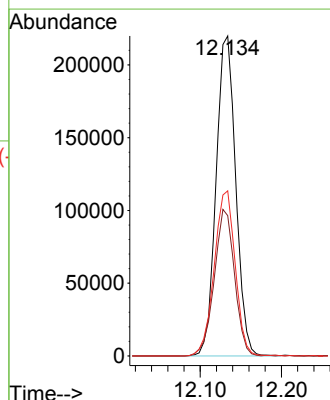
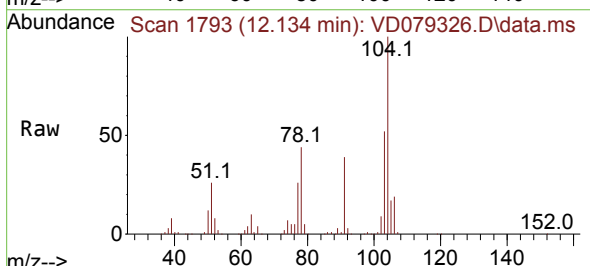
Instrument :  
MSVOA\_D  
ClientSampleId :

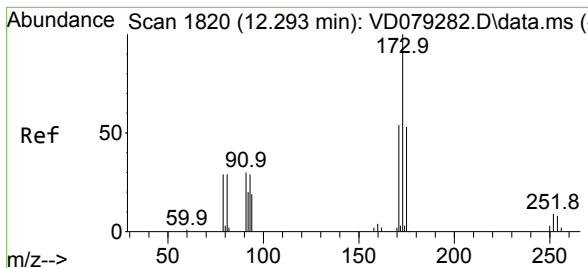
Tgt Ion:106 Resp: 203067  
Ion Ratio Lower Upper  
106 100  
91 216.1 96.7 290.1



#70  
Styrene  
Concen: 59.215 ug/l  
RT: 12.134 min Scan# 1793  
Delta R.T. -0.000 min  
Lab File: VD079326.D  
Acq: 02 Jul 2024 18:32

Tgt Ion:104 Resp: 370122  
Ion Ratio Lower Upper  
104 100  
78 47.4 33.0 49.6  
103 55.2 44.2 66.4





#71

Bromoform

Concen: 56.770 ug/l

RT: 12.298 min Scan# 1820

Delta R.T. -0.000 min

Lab File: VD079326.D

Acq: 02 Jul 2024 18:32

Instrument :

MSVOA\_D

ClientSampleId :

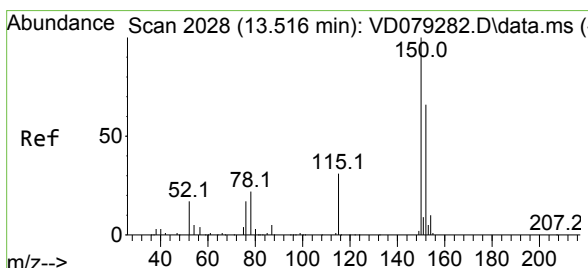
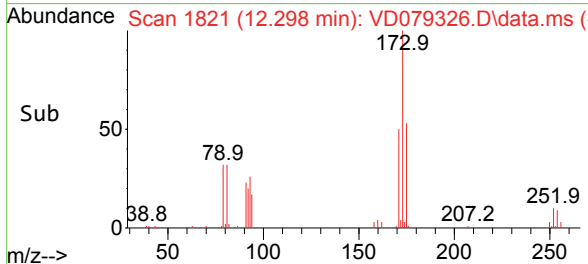
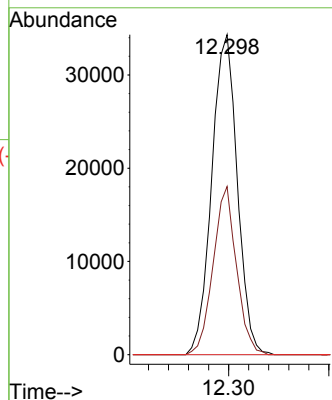
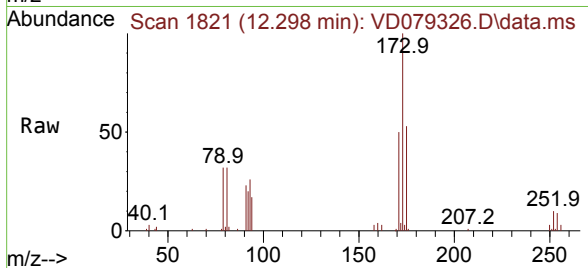
Tgt Ion:173 Resp: 60742

Ion Ratio Lower Upper

173 100

175 47.9 23.7 71.1

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.516 min Scan# 2028

Delta R.T. -0.000 min

Lab File: VD079326.D

Acq: 02 Jul 2024 18:32

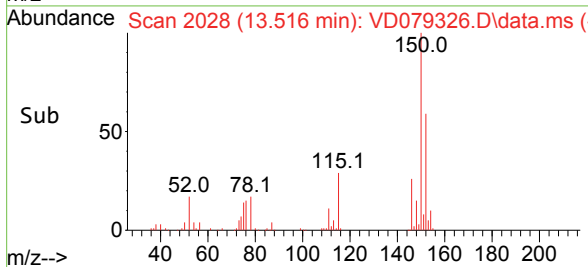
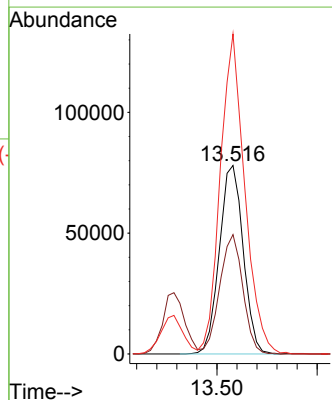
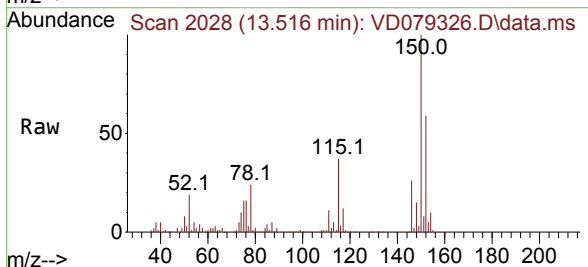
Tgt Ion:152 Resp: 128682

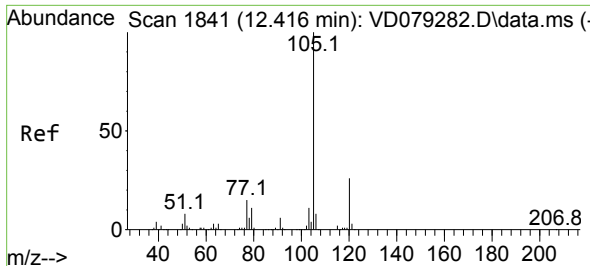
Ion Ratio Lower Upper

152 100

115 61.6 26.5 79.5

150 174.7 0.0 341.6

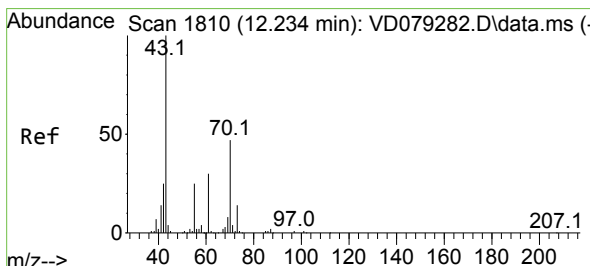
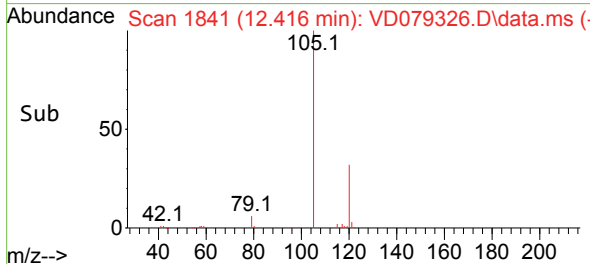
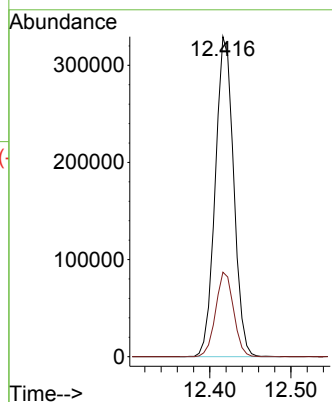
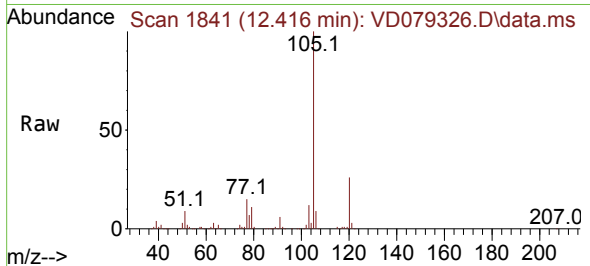




#73  
Isopropylbenzene  
Concen: 54.205 ug/l  
RT: 12.416 min Scan# 1841  
Delta R.T. -0.000 min  
Lab File: VD079326.D  
Acq: 02 Jul 2024 18:32

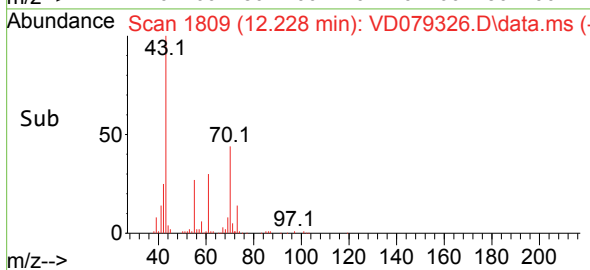
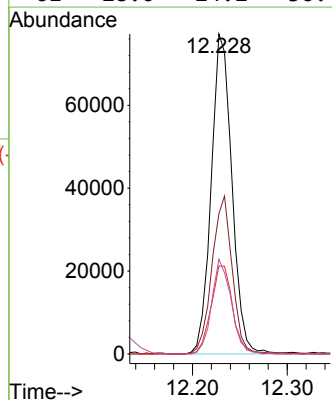
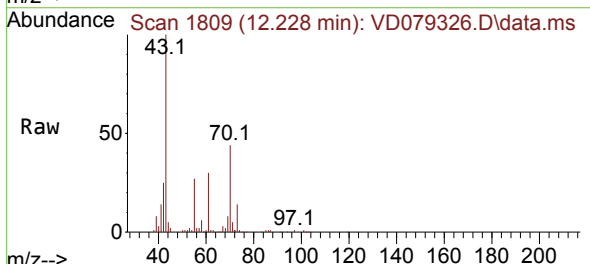
Instrument :  
MSVOA\_D  
ClientSampleId :

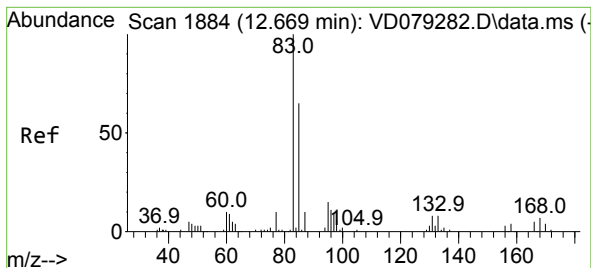
Tgt Ion:105 Resp: 518528  
Ion Ratio Lower Upper  
105 100  
120 25.8 13.6 40.7



#74  
N-ethyl acetate  
Concen: 55.991 ug/l  
RT: 12.228 min Scan# 1809  
Delta R.T. -0.000 min  
Lab File: VD079326.D  
Acq: 02 Jul 2024 18:32

Tgt Ion: 43 Resp: 117561  
Ion Ratio Lower Upper  
43 100  
70 48.6 44.3 66.5  
55 28.6 23.2 34.8  
61 28.0 24.2 36.4





#75

1,1,2,2-Tetrachloroethane

Concen: 52.838 ug/l

RT: 12.669 min Scan# 1884

Delta R.T. -0.000 min

Lab File: VD079326.D

Acq: 02 Jul 2024 18:32

Instrument :

MSVOA\_D

ClientSampleId :

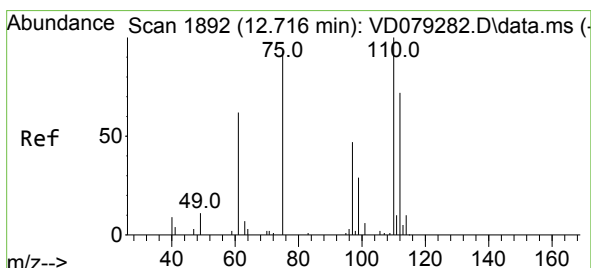
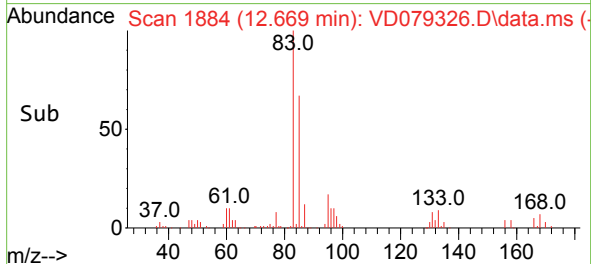
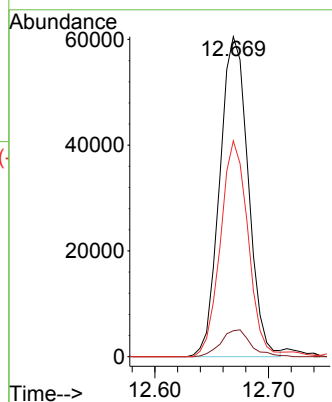
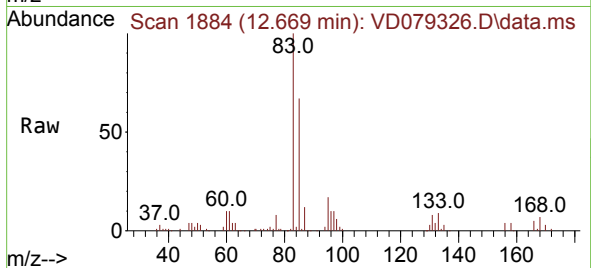
Tgt Ion: 83 Resp: 105366

Ion Ratio Lower Upper

83 100

131 8.8 5.5 16.5

85 66.5 33.8 101.3



#76

1,2,3-Trichloropropane

Concen: 99.794 ug/l

RT: 12.722 min Scan# 1893

Delta R.T. -0.000 min

Lab File: VD079326.D

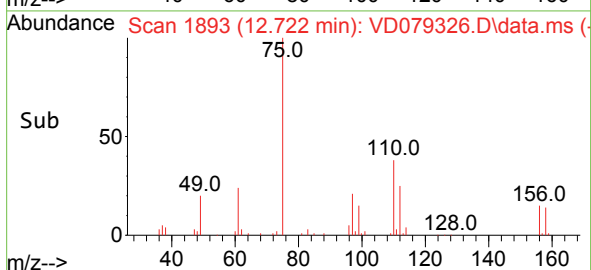
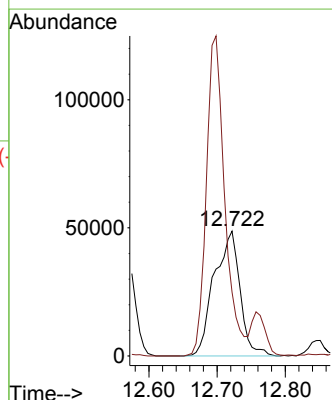
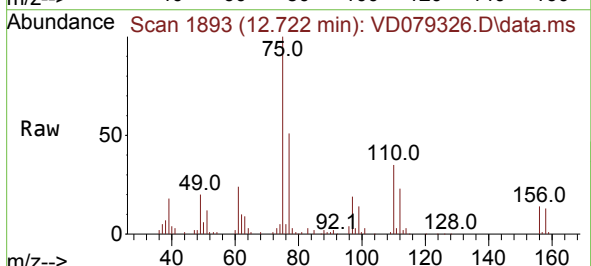
Acq: 02 Jul 2024 18:32

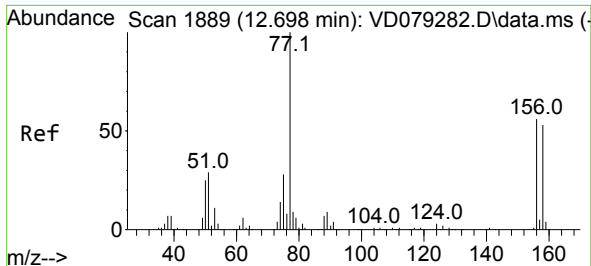
Tgt Ion: 75 Resp: 128514

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0

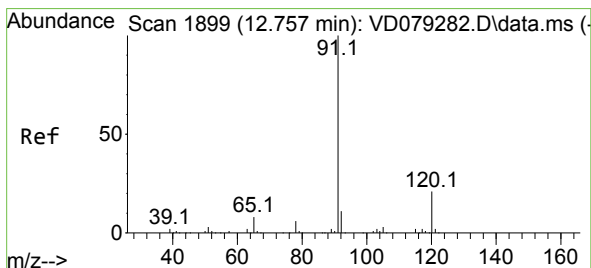
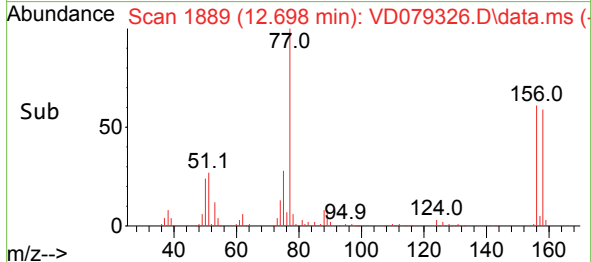
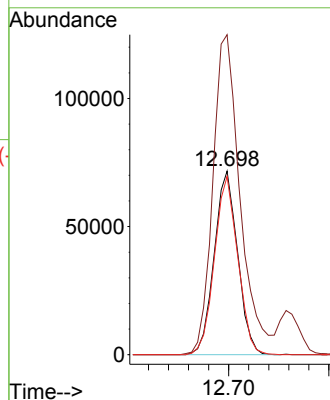
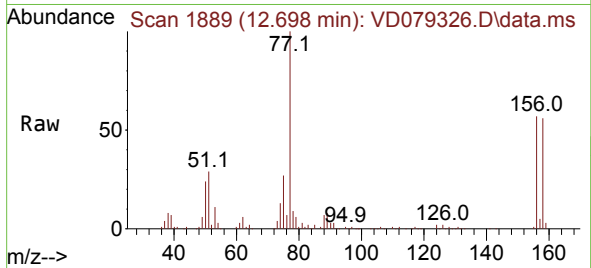




#77  
Bromobenzene  
Concen: 53.886 ug/l  
RT: 12.698 min Scan# 1889  
Delta R.T. -0.000 min  
Lab File: VD079326.D  
Acq: 02 Jul 2024 18:32

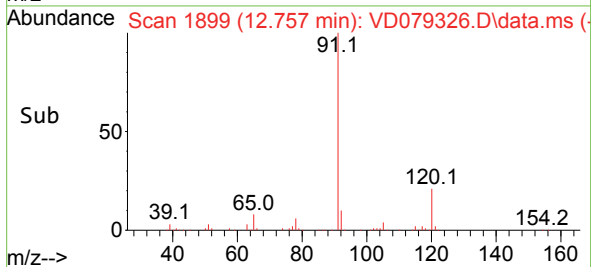
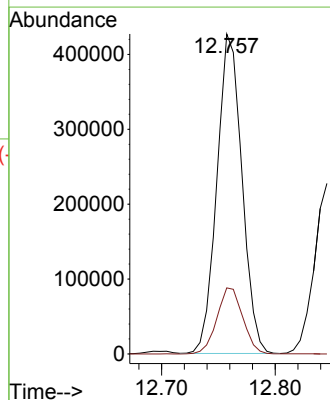
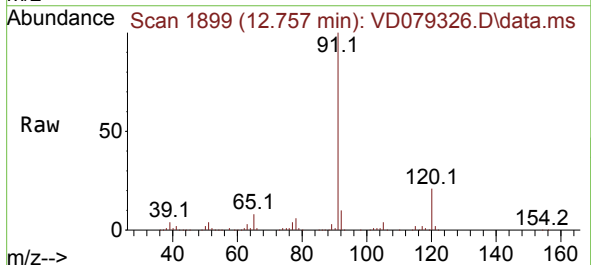
Instrument :  
MSVOA\_D  
ClientSampleId :

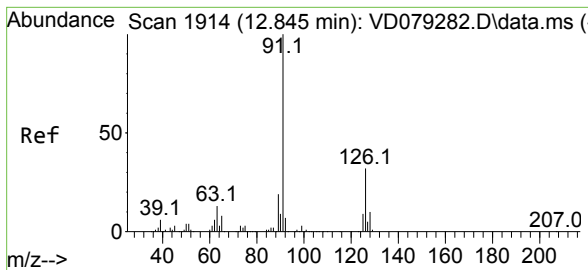
Tgt Ion:156 Resp: 115955  
Ion Ratio Lower Upper  
156 100  
77 201.7 77.3 231.9  
158 96.8 49.6 149.0



#78  
n-propylbenzene  
Concen: 53.459 ug/l  
RT: 12.757 min Scan# 1899  
Delta R.T. -0.006 min  
Lab File: VD079326.D  
Acq: 02 Jul 2024 18:32

Tgt Ion: 91 Resp: 654692  
Ion Ratio Lower Upper  
91 100  
120 21.4 12.3 36.8

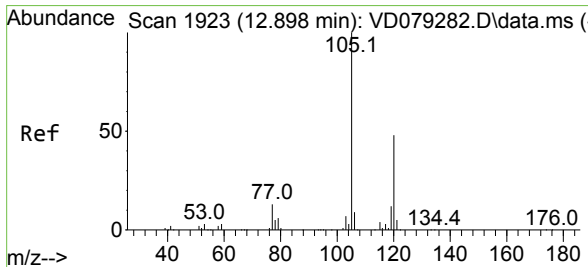
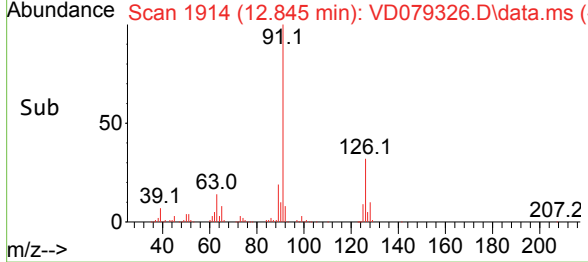
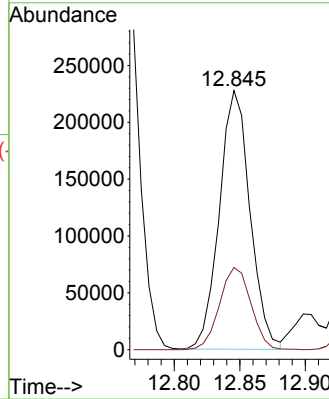
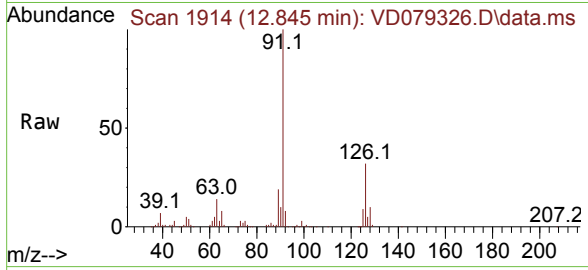




#79  
2-Chlorotoluene  
Concen: 54.133 ug/l  
RT: 12.845 min Scan# 1914  
Delta R.T. -0.000 min  
Lab File: VD079326.D  
Acq: 02 Jul 2024 18:32

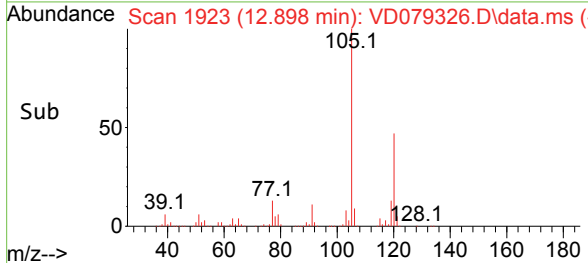
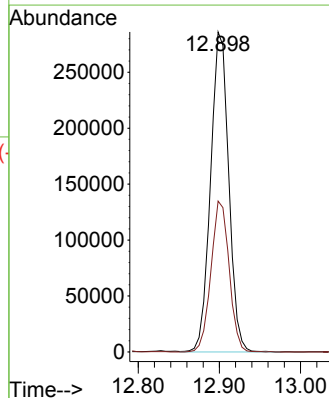
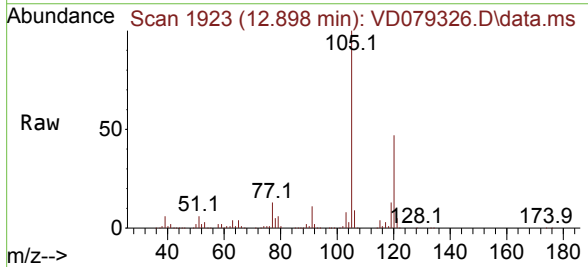
Instrument :  
MSVOA\_D  
ClientSampleId :

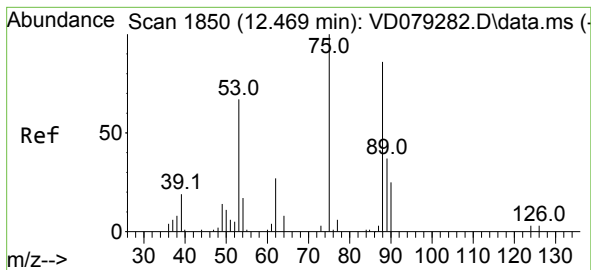
Tgt Ion: 91 Resp: 370626  
Ion Ratio Lower Upper  
91 100  
126 32.4 19.3 57.8



#80  
1,3,5-Trimethylbenzene  
Concen: 54.798 ug/l  
RT: 12.898 min Scan# 1923  
Delta R.T. -0.000 min  
Lab File: VD079326.D  
Acq: 02 Jul 2024 18:32

Tgt Ion: 105 Resp: 443819  
Ion Ratio Lower Upper  
105 100  
120 47.2 25.7 77.1

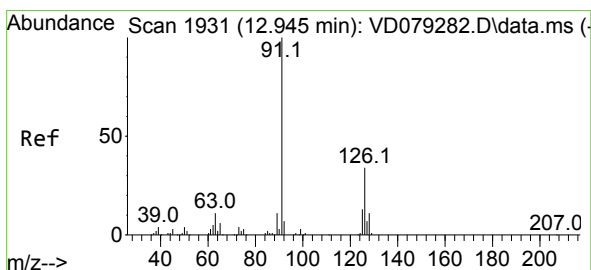
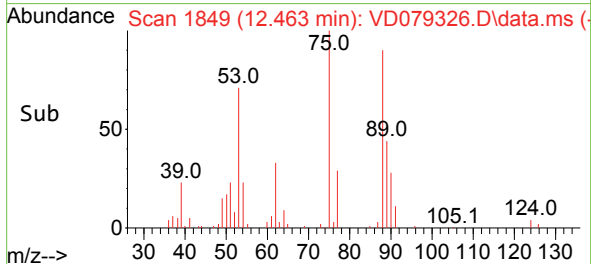
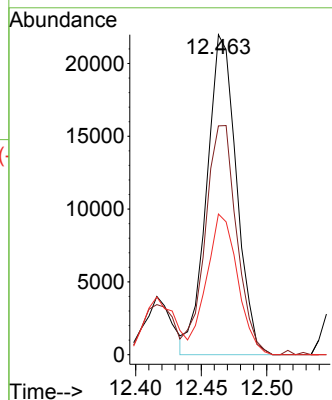
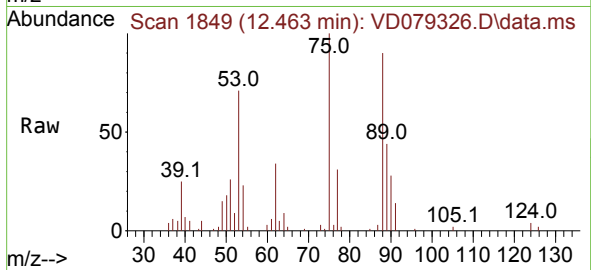




#81  
trans-1,4-Dichloro-2-butene  
Concen: 49.853 ug/l  
RT: 12.463 min Scan# 1849  
Delta R.T. -0.006 min  
Lab File: VD079326.D  
Acq: 02 Jul 2024 18:32

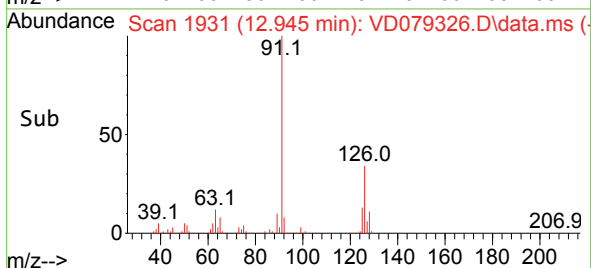
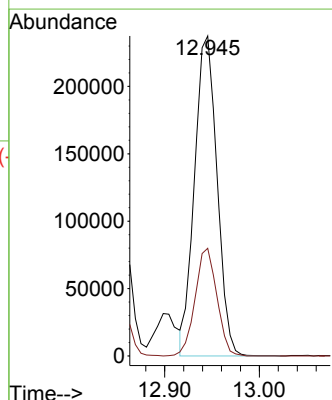
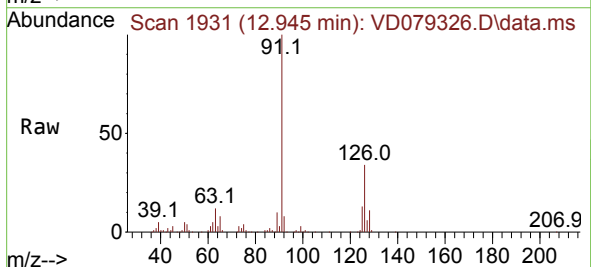
Instrument :  
MSVOA\_D  
ClientSampleId :

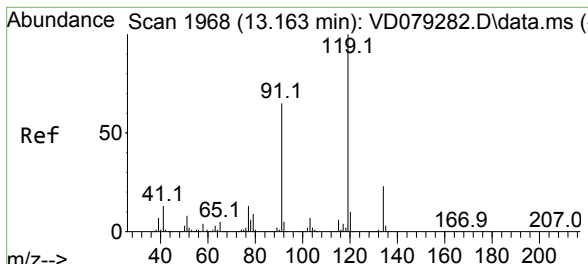
Tgt Ion: 75 Resp: 34598  
Ion Ratio Lower Upper  
75 100  
53 76.1 61.4 92.2  
89 45.8 35.4 53.0



#82  
4-Chlorotoluene  
Concen: 54.541 ug/l  
RT: 12.945 min Scan# 1931  
Delta R.T. -0.000 min  
Lab File: VD079326.D  
Acq: 02 Jul 2024 18:32

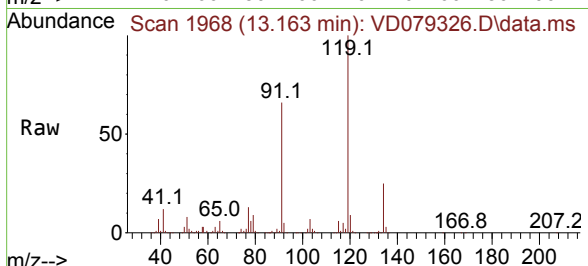
Tgt Ion: 91 Resp: 392335  
Ion Ratio Lower Upper  
91 100  
126 32.5 18.9 56.9



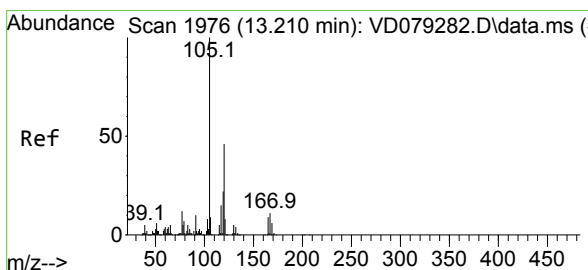
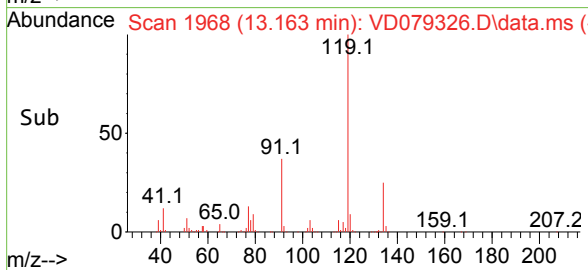
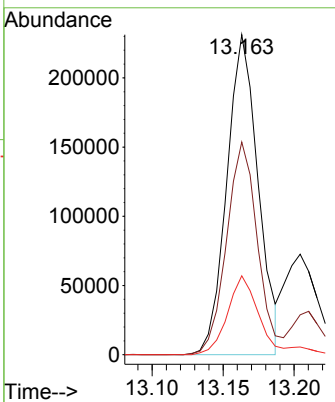


#83  
 tert-Butylbenzene  
 Concen: 54.012 ug/l  
 RT: 13.163 min Scan# 1968  
 Delta R.T. -0.000 min  
 Lab File: VD079326.D  
 Acq: 02 Jul 2024 18:32

Instrument :  
 MSVOA\_D  
 ClientSampleId :

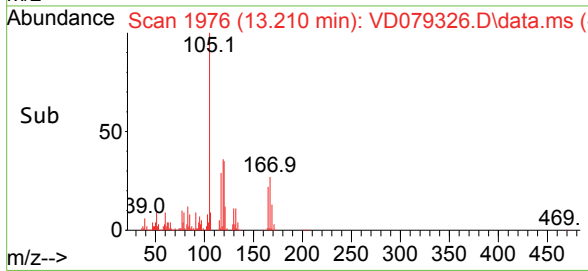
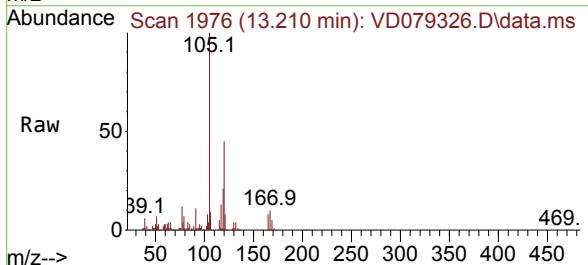
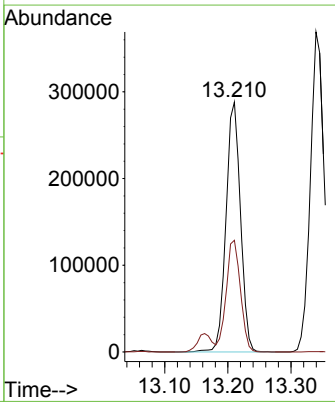


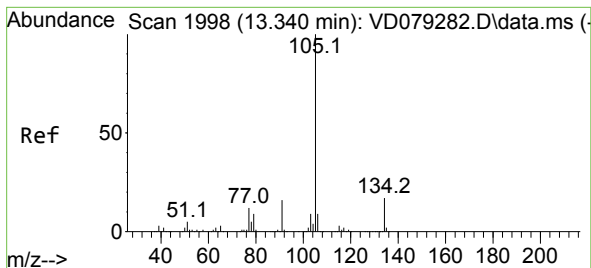
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 119   | Resp: | 354357 |
| Ion Ratio | Lower | Upper |        |
| 119       | 100   |       |        |
| 91        | 66.1  | 28.2  | 84.7   |
| 134       | 25.9  | 13.4  | 40.1   |



#84  
 1,2,4-Trimethylbenzene  
 Concen: 56.526 ug/l  
 RT: 13.210 min Scan# 1976  
 Delta R.T. -0.000 min  
 Lab File: VD079326.D  
 Acq: 02 Jul 2024 18:32

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 105   | Resp: | 458237 |
| Ion Ratio | Lower | Upper |        |
| 105       | 100   |       |        |
| 120       | 44.0  | 23.6  | 71.0   |





#85

sec-Butylbenzene

Concen: 53.625 ug/l

RT: 13.340 min Scan# 1998

Delta R.T. -0.000 min

Lab File: VD079326.D

Acq: 02 Jul 2024 18:32

Instrument :

MSVOA\_D

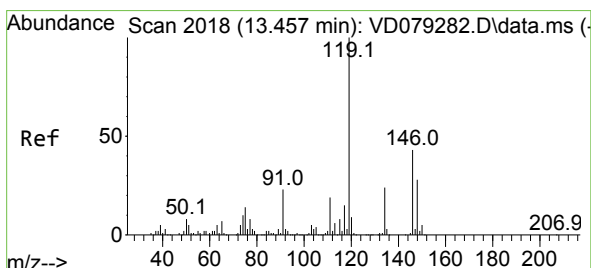
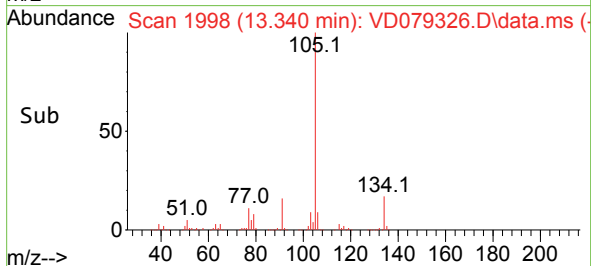
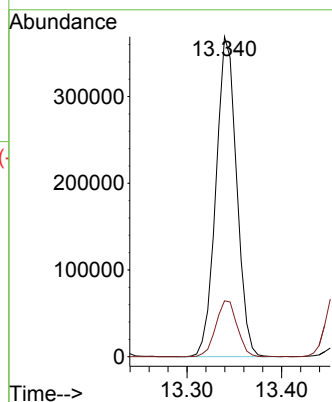
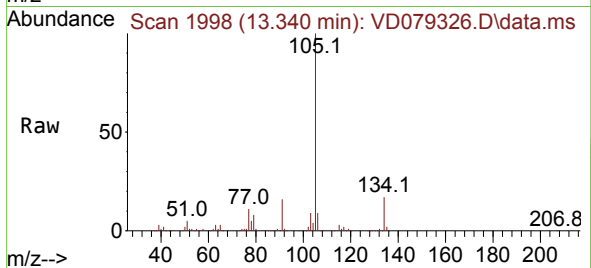
ClientSampleId :

Tgt Ion:105 Resp: 559795

Ion Ratio Lower Upper

105 100

134 18.1 10.3 30.8



#86

p-Isopropyltoluene

Concen: 53.539 ug/l

RT: 13.457 min Scan# 2018

Delta R.T. -0.000 min

Lab File: VD079326.D

Acq: 02 Jul 2024 18:32

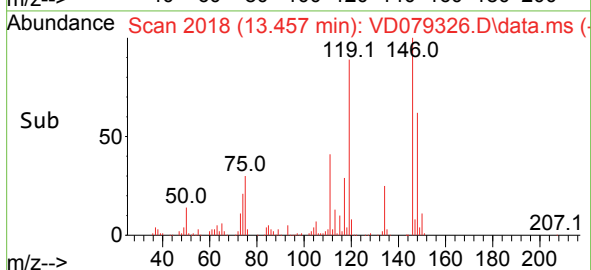
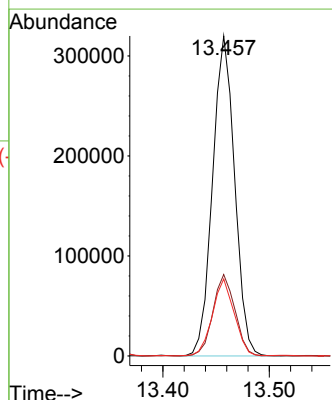
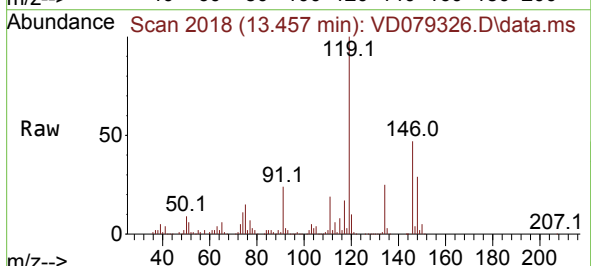
Tgt Ion:119 Resp: 461300

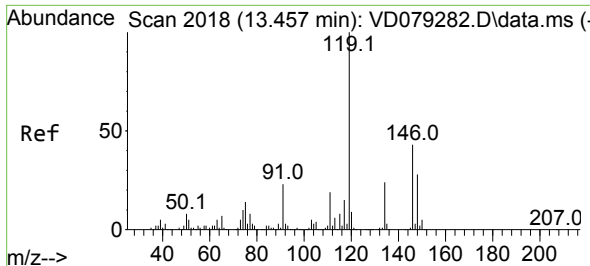
Ion Ratio Lower Upper

119 100

134 25.4 13.7 41.1

91 23.6 10.7 32.1

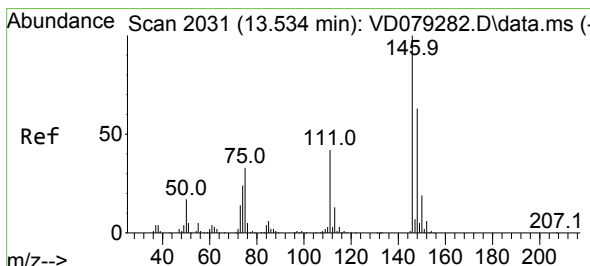
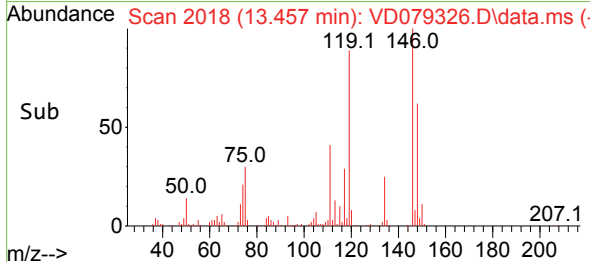
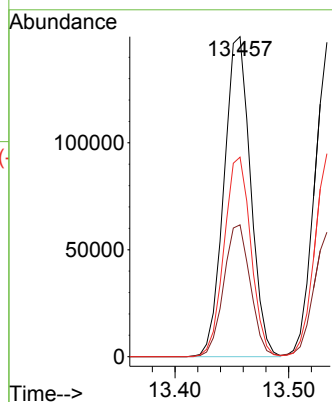
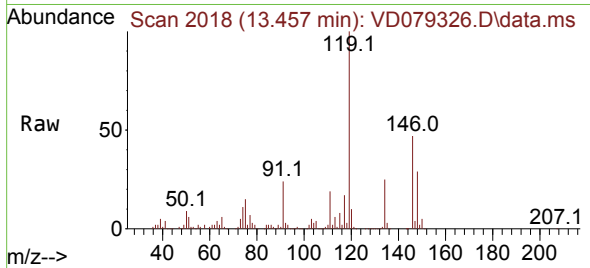




#87  
1,3-Dichlorobenzene  
Concen: 53.098 ug/l  
RT: 13.457 min Scan# 2018  
Delta R.T. -0.000 min  
Lab File: VD079326.D  
Acq: 02 Jul 2024 18:32

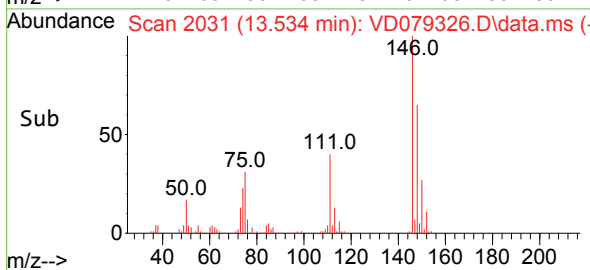
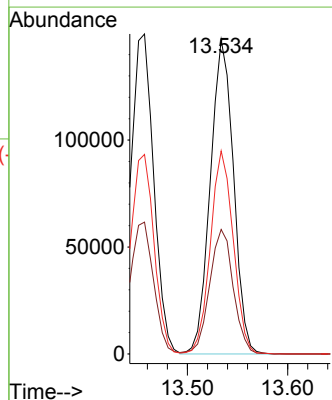
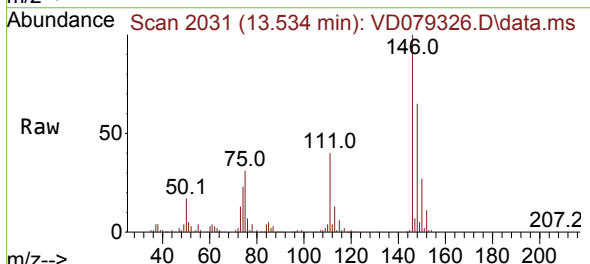
Instrument :  
MSVOA\_D  
ClientSampleId :

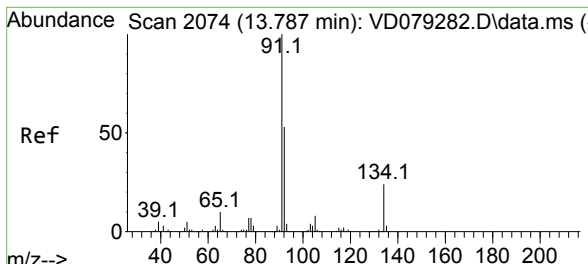
Tgt Ion:146 Resp: 242964  
Ion Ratio Lower Upper  
146 100  
111 41.4 18.5 55.5  
148 62.9 30.9 92.8



#88  
1,4-Dichlorobenzene  
Concen: 52.030 ug/l  
RT: 13.534 min Scan# 2031  
Delta R.T. -0.000 min  
Lab File: VD079326.D  
Acq: 02 Jul 2024 18:32

Tgt Ion:146 Resp: 236611  
Ion Ratio Lower Upper  
146 100  
111 40.6 17.5 52.6  
148 63.7 31.4 94.2

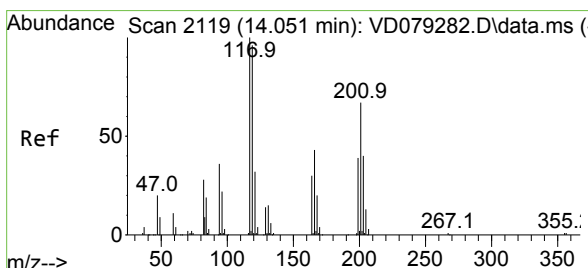
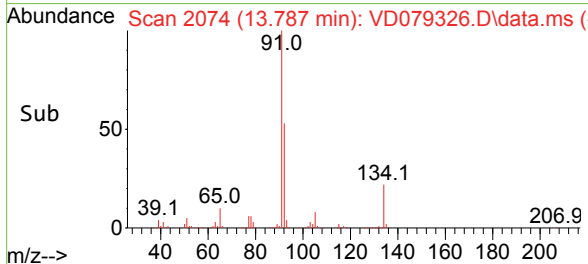
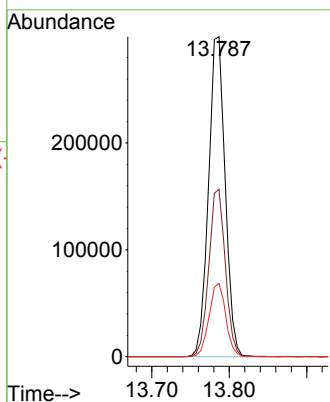
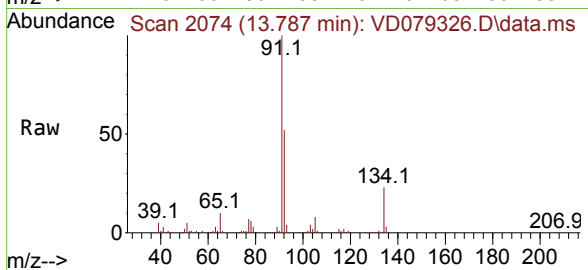




#89  
 n-Butylbenzene  
 Concen: 52.837 ug/l  
 RT: 13.787 min Scan# 2074  
 Delta R.T. 0.006 min  
 Lab File: VD079326.D  
 Acq: 02 Jul 2024 18:32

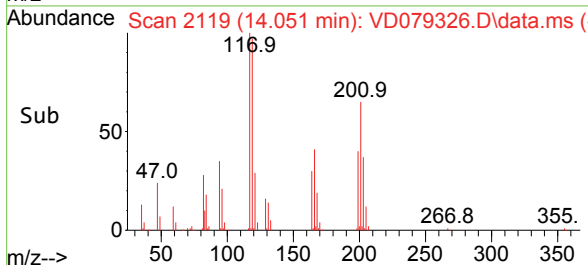
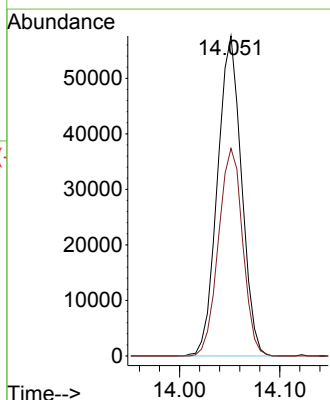
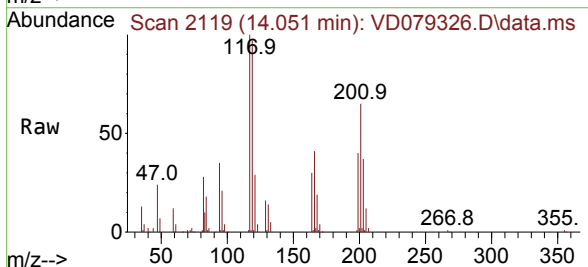
Instrument :  
 MSVOA\_D  
 ClientSampleId :

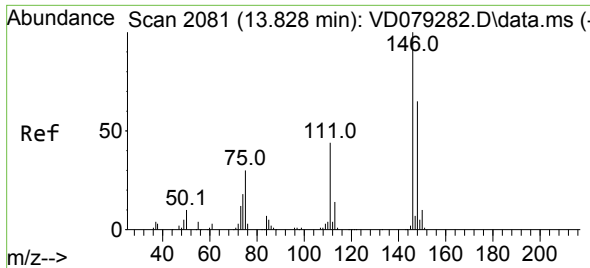
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 91    | Resp: | 446726 |
| Ion      | Ratio | Lower | Upper  |
| 91       | 100   |       |        |
| 92       | 52.0  | 25.7  | 77.0   |
| 134      | 23.0  | 13.6  | 40.8   |



#90  
 Hexachloroethane  
 Concen: 50.553 ug/l  
 RT: 14.051 min Scan# 2119  
 Delta R.T. -0.000 min  
 Lab File: VD079326.D  
 Acq: 02 Jul 2024 18:32

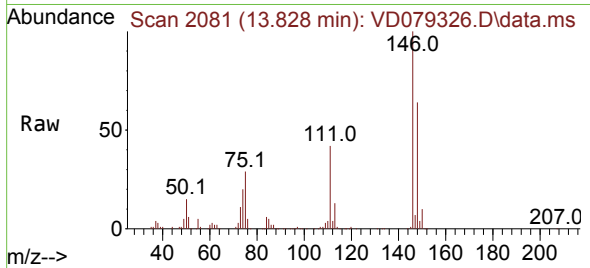
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 117   | Resp: | 95806 |
| Ion      | Ratio | Lower | Upper |
| 117      | 100   |       |       |
| 201      | 65.4  | 36.3  | 108.9 |



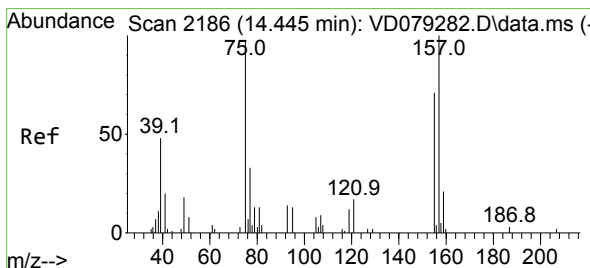
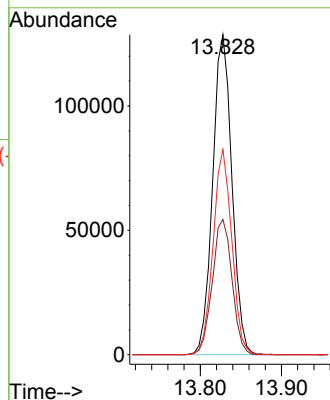
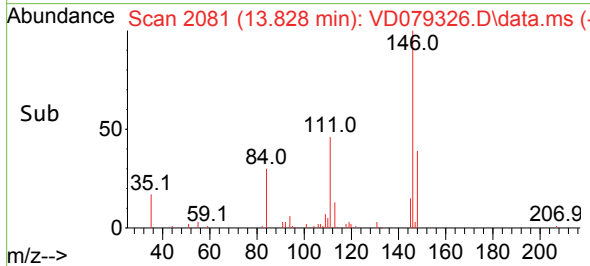


#91  
 1,2-Dichlorobenzene  
 Concen: 53.825 ug/l  
 RT: 13.828 min Scan# 2081  
 Delta R.T. -0.000 min  
 Lab File: VD079326.D  
 Acq: 02 Jul 2024 18:32

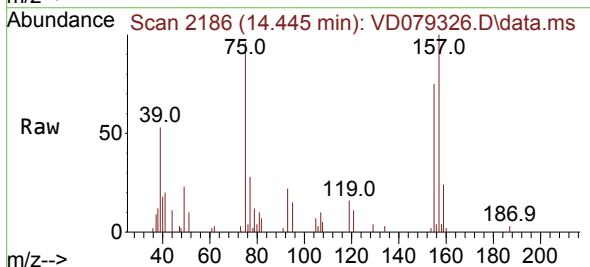
Instrument :  
 MSVOA\_D  
 ClientSampleId :



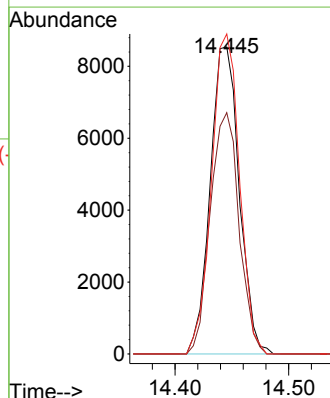
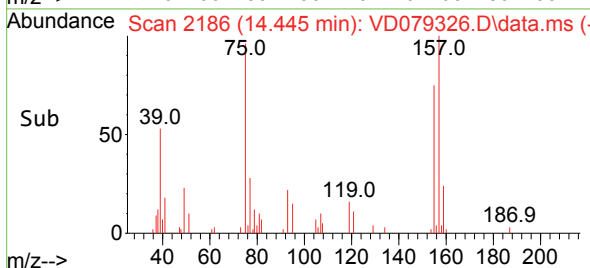
Tgt Ion:146 Resp: 211949  
 Ion Ratio Lower Upper  
 146 100  
 111 43.2 19.1 57.1  
 148 62.2 31.1 93.5

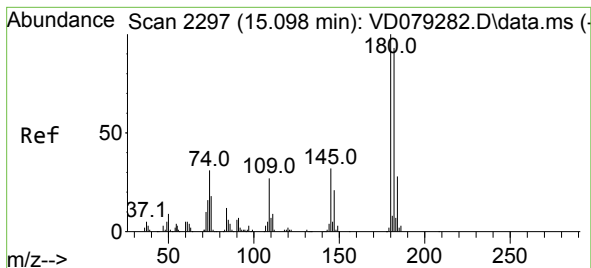


#92  
 1,2-Dibromo-3-Chloropropane  
 Concen: 55.541 ug/l  
 RT: 14.445 min Scan# 2186  
 Delta R.T. -0.000 min  
 Lab File: VD079326.D  
 Acq: 02 Jul 2024 18:32



Tgt Ion: 75 Resp: 15184  
 Ion Ratio Lower Upper  
 75 100  
 155 77.9 47.7 143.1  
 157 100.1 63.4 190.2





#93

1,2,4-Trichlorobenzene

Concen: 54.741 ug/l

RT: 15.092 min Scan# 21

Delta R.T. -0.000 min

Lab File: VD079326.D

Acq: 02 Jul 2024 18:32

Instrument :

MSVOA\_D

ClientSampleId :

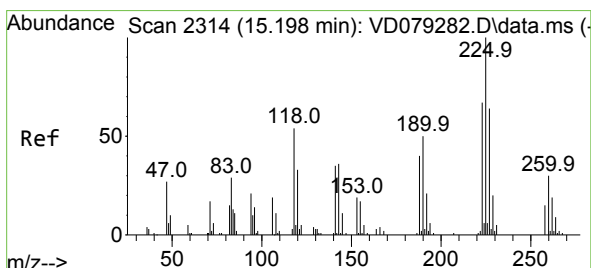
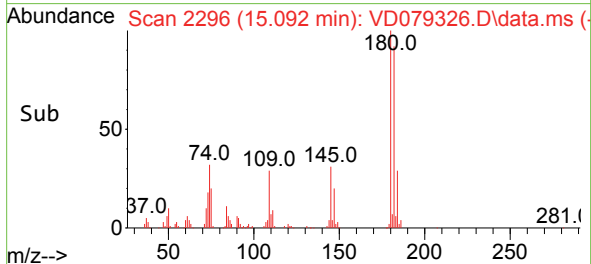
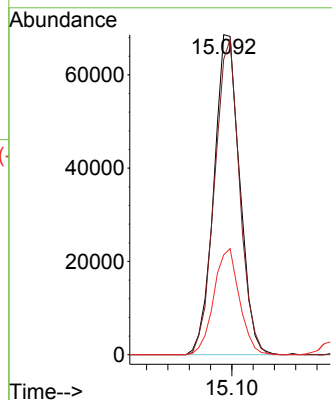
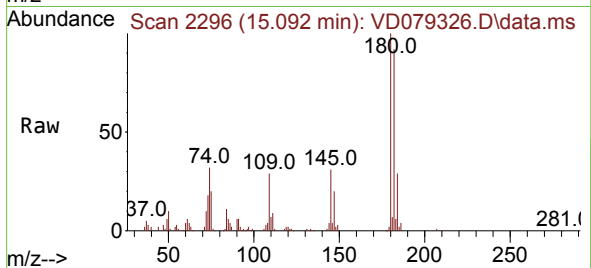
Tgt Ion:180 Resp: 114935

Ion Ratio Lower Upper

180 100

182 95.5 46.9 140.7

145 32.9 14.0 41.9



#94

Hexachlorobutadiene

Concen: 53.992 ug/l

RT: 15.198 min Scan# 2314

Delta R.T. -0.000 min

Lab File: VD079326.D

Acq: 02 Jul 2024 18:32

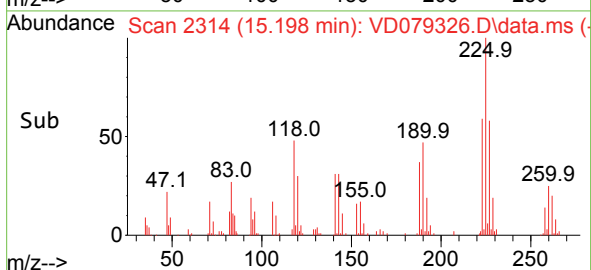
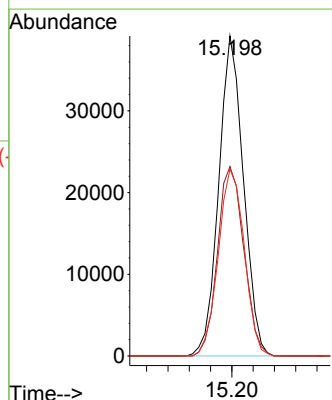
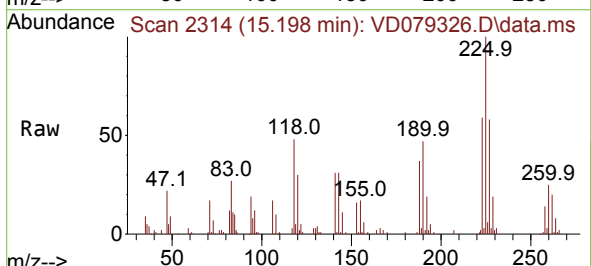
Tgt Ion:225 Resp: 63038

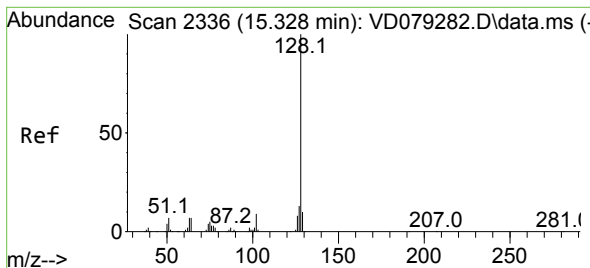
Ion Ratio Lower Upper

225 100

223 63.2 33.3 99.9

227 61.4 33.6 100.6





#95

Naphthalene

Concen: 60.229 ug/l

RT: 15.328 min Scan# 21

Delta R.T. -0.000 min

Lab File: VD079326.D

Acq: 02 Jul 2024 18:32

Instrument :

MSVOA\_D

ClientSampleId :

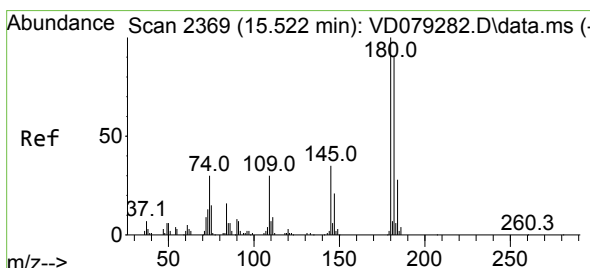
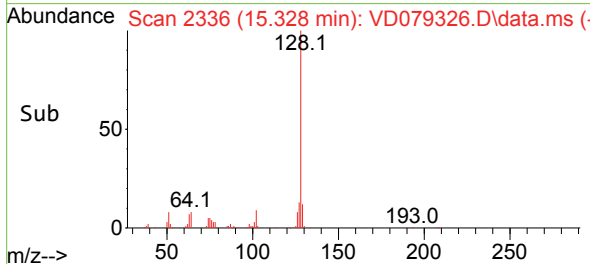
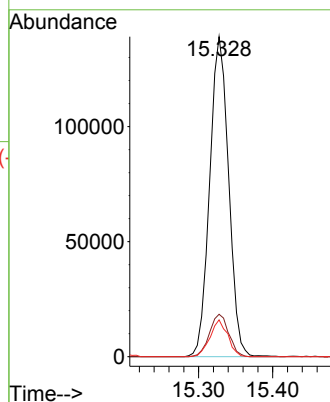
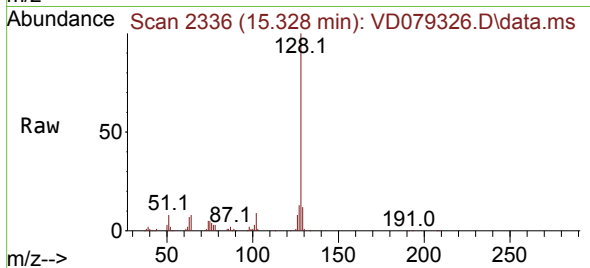
Tgt Ion:128 Resp: 246833

Ion Ratio Lower Upper

128 100

127 13.2 10.2 15.4

129 11.5 8.5 12.7



#96

1,2,3-Trichlorobenzene

Concen: 56.111 ug/l

RT: 15.516 min Scan# 2368

Delta R.T. -0.000 min

Lab File: VD079326.D

Acq: 02 Jul 2024 18:32

Tgt Ion:180 Resp: 104173

Ion Ratio Lower Upper

180 100

182 92.8 47.8 143.3

145 34.8 16.1 48.2

