

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX121423\  
 Data File : VX039216.D  
 Acq On : 14 Dec 2023 18:14  
 Operator : JC/MD  
 Sample : 05829-01  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 24 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :

Quant Time: Dec 15 03:04:51 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X121323W.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Dec 14 01:28:15 2023  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon  | Response | Conc      | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|-----------|--------|----------|
| -----                         |        |       |          |           |        |          |
| Internal Standards            |        |       |          |           |        |          |
| 1) Pentafluorobenzene         | 5.550  | 168   | 109226   | 50.000    | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene       | 6.763  | 114   | 228697   | 50.000    | ug/l   | 0.00     |
| 63) Chlorobenzene-d5          | 10.055 | 117   | 234866   | 50.000    | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4    | 12.018 | 152   | 122323   | 50.000    | ug/l   | 0.00     |
| System Monitoring Compounds   |        |       |          |           |        |          |
| 33) 1,2-Dichloroethane-d4     | 5.952  | 65    | 96578    | 48.266    | ug/l   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 78 - 117 | Recovery  | =      | 96.540%  |
| 35) Dibromofluoromethane      | 5.385  | 113   | 76047    | 48.133    | ug/l   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 75 - 124 | Recovery  | =      | 96.260%  |
| 50) Toluene-d8                | 8.647  | 98    | 289093   | 49.286    | ug/l   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 92 - 112 | Recovery  | =      | 98.580%  |
| 62) 4-Bromofluorobenzene      | 11.079 | 95    | 136301   | 56.320    | ug/l   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 83 - 123 | Recovery  | =      | 112.640% |
| Target Compounds              |        |       |          |           |        |          |
|                               |        |       |          |           | Qvalue |          |
| 3) Chloromethane              | 1.294  | 50    | 390      | 0.229     | ug/l # | 43       |
| 6) Chloroethane               | 1.672  | 64    | 1017     | 1.066     | ug/l # | 78       |
| 11) Tert butyl alcohol        | 2.928  | 59    | 101      | 0.201     | ug/l # | 78       |
| 16) Acetone                   | 2.373  | 43    | 2943     | Below Cal |        | 90       |
| 28) Bromochloromethane        | 5.092  | 49    | 2649     | 1.854     | ug/l # | 16       |
| 30) Chloroform                | 5.086  | 83    | 27810    | 9.505     | ug/l   | 97       |
| 31) Cyclohexane               | 5.470  | 56    | 1901     | 0.736     | ug/l # | 85       |
| 36) 1,1-Dichloropropene       | 5.550  | 75    | 10948    | 4.391     | ug/l # | 49       |
| 38) Carbon Tetrachloride      | 5.543  | 117   | 12673    | 5.326     | ug/l # | 16       |
| 39) Methylcyclohexane         | 7.385  | 83    | 2452     | 0.819     | ug/l   | 89       |
| 40) Benzene                   | 6.043  | 78    | 1886     | 0.267     | ug/l # | 90       |
| 52) Toluene                   | 8.720  | 92    | 67822    | 15.933    | ug/l   | 94       |
| 53) t-1,3-Dichloropropene     | 8.714  | 75    | 903      | 0.322     | ug/l # | 1        |
| 55) 1,1,2-Trichloroethane     | 9.104  | 97    | 487      | 0.274     | ug/l # | 17       |
| 60) Dibromochloromethane      | 9.268  | 129   | 1311     | 0.729     | ug/l # | 11       |
| 64) Tetrachloroethene         | 9.274  | 164   | 1173     | 0.764     | ug/l   | 92       |
| 67) Ethyl Benzene             | 10.189 | 91    | 430334   | 45.097    | ug/l   | 98       |
| 68) m/p-Xylenes               | 10.299 | 106   | 274658   | 80.276    | ug/l   | 94       |
| 69) o-Xylene                  | 10.640 | 106   | 92004    | 27.812    | ug/l   | 92       |
| 70) Styrene                   | 10.640 | 104   | 6501     | 1.344     | ug/l # | 1        |
| 73) Isopropylbenzene          | 10.963 | 105   | 24335    | 2.578     | ug/l   | 100      |
| 76) 1,2,3-Trichloropropane    | 11.079 | 75    | 73562    | 23.244    | ug/l # | 39       |
| 78) n-propylbenzene           | 11.305 | 91    | 62785    | 5.399     | ug/l   | 97       |
| 79) 2-Chlorotoluene           | 11.378 | 91    | 23811    | 3.385     | ug/l # | 42       |
| 80) 1,3,5-Trimethylbenzene    | 11.451 | 105   | 97256    | 12.097    | ug/l   | 97       |
| 81) trans-1,4-Dichloro-2-b... | 11.079 | 75    | 73562    | 65.573    | ug/l # | 5        |
| 82) 4-Chlorotoluene           | 11.451 | 91    | 11295    | 1.367     | ug/l # | 46       |
| 83) tert-Butylbenzene         | 11.750 | 119   | 63540    | 8.304     | ug/l # | 47       |
| 84) 1,2,4-Trimethylbenzene    | 11.750 | 105   | 563723   | 68.372    | ug/l   | 100      |
| 85) sec-Butylbenzene          | 11.750 | 105   | 563723   | 57.897    | ug/l # | 57       |
| 86) p-Isopropyltoluene        | 11.969 | 119   | 2225     | 0.272     | ug/l # | 73       |
| 89) n-Butylbenzene            | 12.317 | 91    | 8497     | 1.058     | ug/l # | 21       |
| 90) Hexachloroethane          | 12.609 | 117   | 4166     | 2.822     | ug/l # | 17       |
| 92) 1,2-Dibromo-3-Chloropr... | 12.920 | 75    | 290      | 0.314     | ug/l # | 9        |
| 95) Naphthalene               | 13.774 | 128   | 228372   | 25.528    | ug/l   | 100      |
| -----                         |        |       |          |           |        |          |

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Operator : JC/MD  
Sample : 05829-01  
Misc : 5.0mL/MSVOA\_X/WATER  
ALS Vial : 24 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :

Quant Time: Dec 15 03:04:51 2023  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X121323W.M  
Quant Title : SW846 8260  
QLast Update : Thu Dec 14 01:28:15 2023  
Response via : Initial Calibration

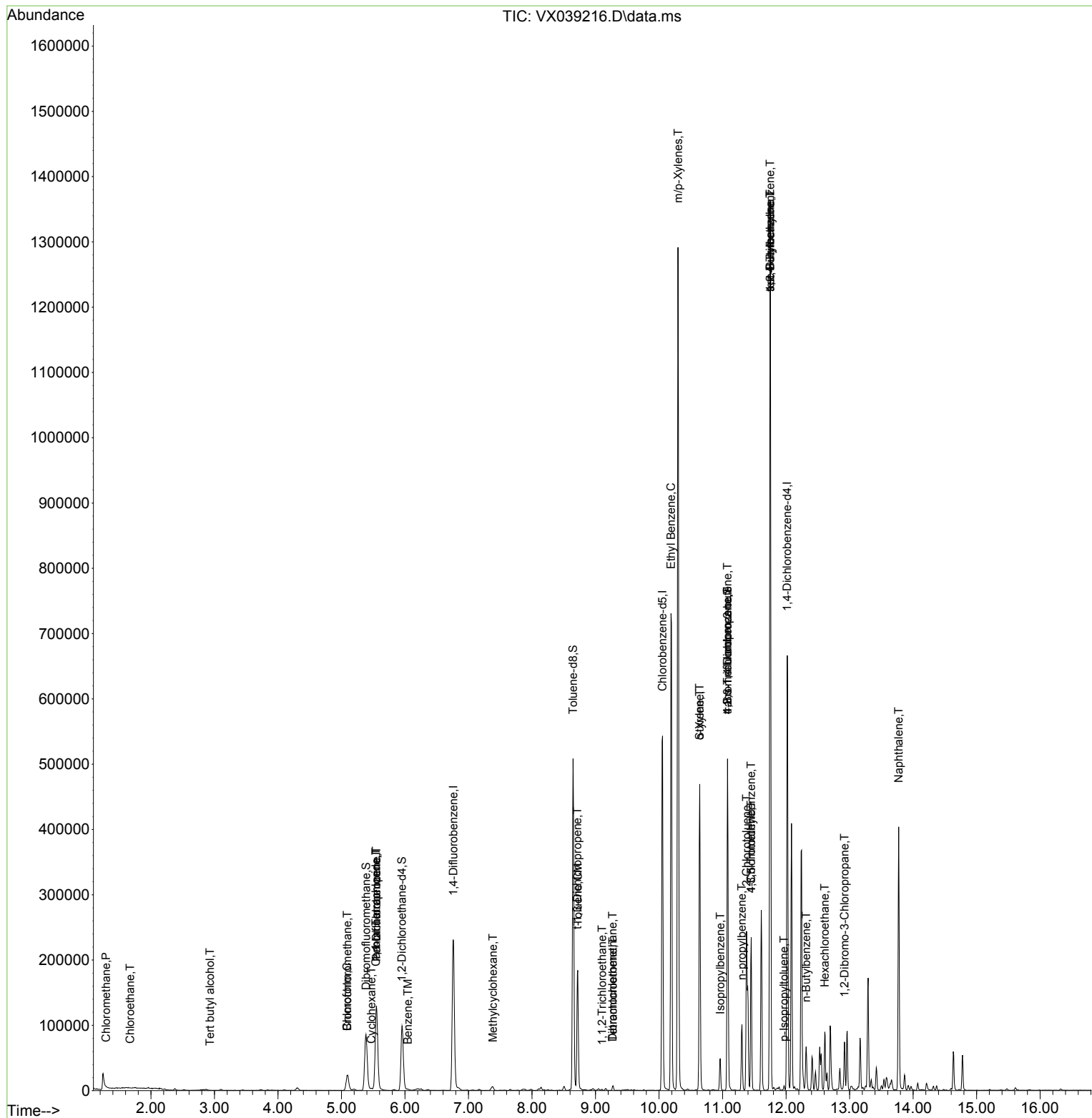
| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|----------|------|------|----------|------|-------|----------|
|----------|------|------|----------|------|-------|----------|

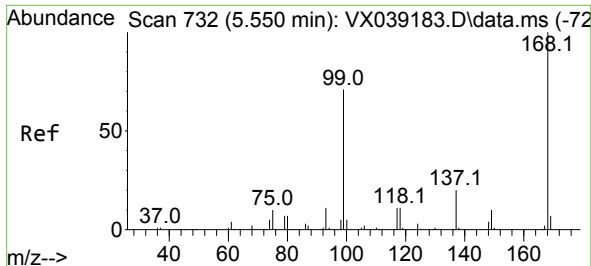
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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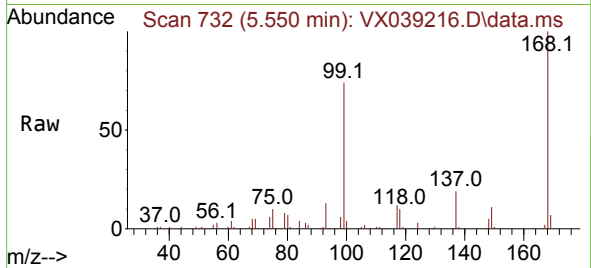


#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.550 min Scan# 71  
Delta R.T. -0.000 min  
Lab File: VX039216.D  
Acq: 14 Dec 2023 18:14

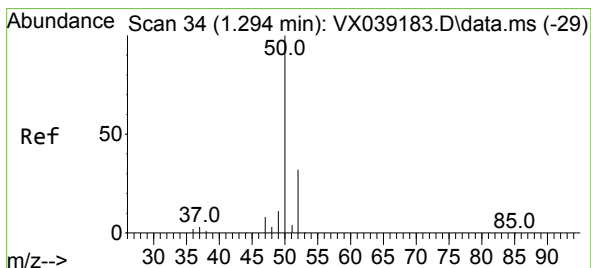
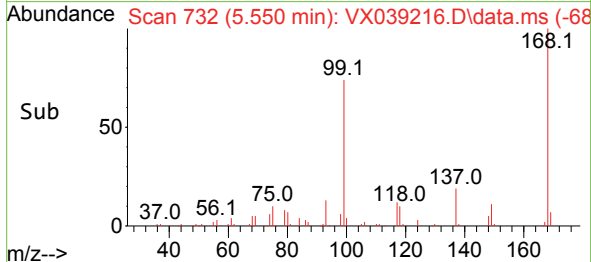
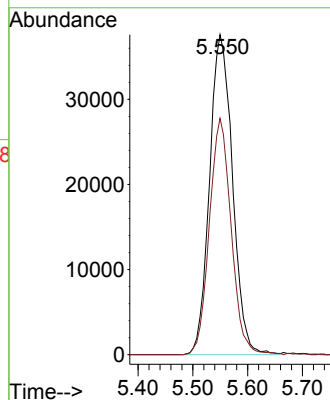
Instrument :

MSVOA\_X

ClientSampleId :

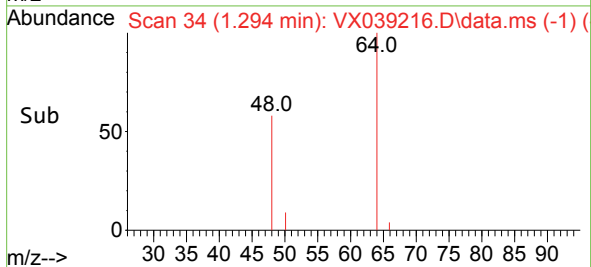
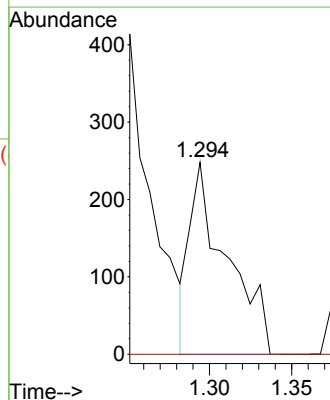
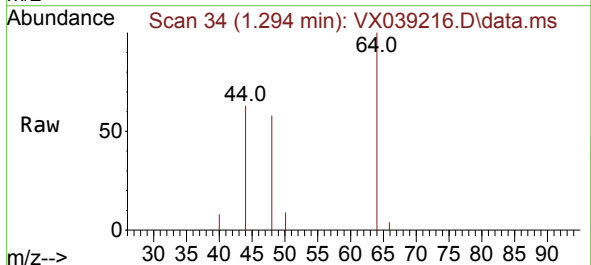


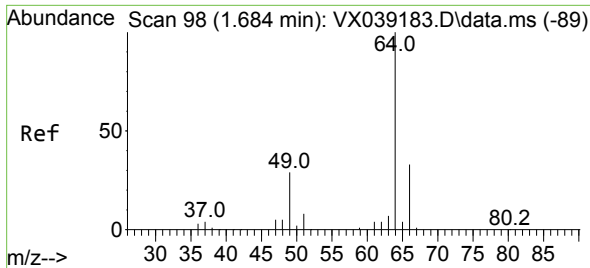
Tgt Ion:168 Resp: 109226  
Ion Ratio Lower Upper  
168 100  
99 73.9 56.6 85.0



#3  
Chloromethane  
Concen: 0.229 ug/l  
RT: 1.294 min Scan# 34  
Delta R.T. 0.000 min  
Lab File: VX039216.D  
Acq: 14 Dec 2023 18:14

Tgt Ion: 50 Resp: 390  
Ion Ratio Lower Upper  
50 100  
52 0.0 25.5 38.3#

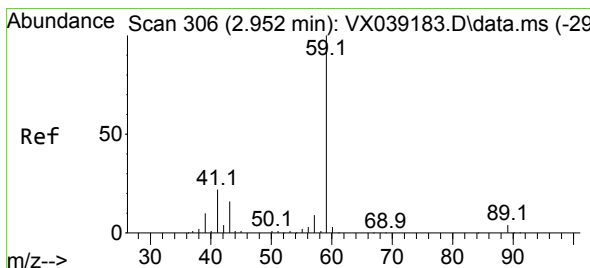
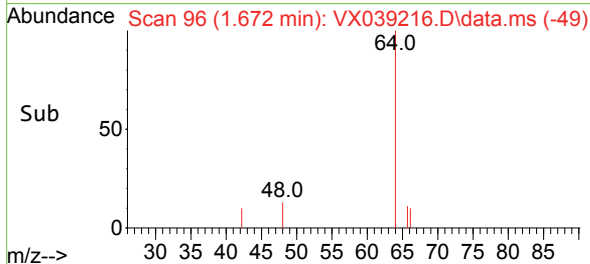
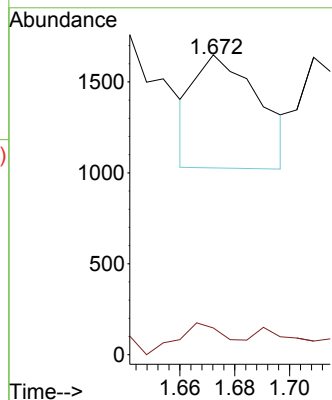
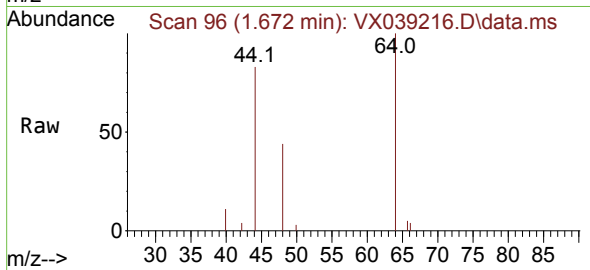




#6  
Chloroethane  
Concen: 1.066 ug/l  
RT: 1.672 min Scan# 90  
Delta R.T. -0.012 min  
Lab File: VX039216.D  
Acq: 14 Dec 2023 18:14

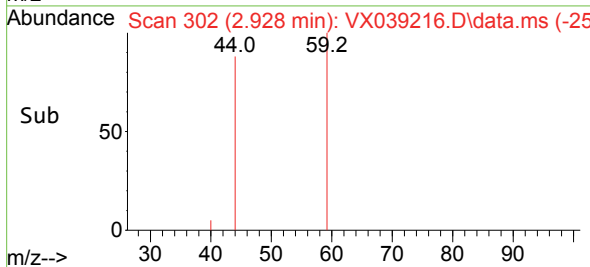
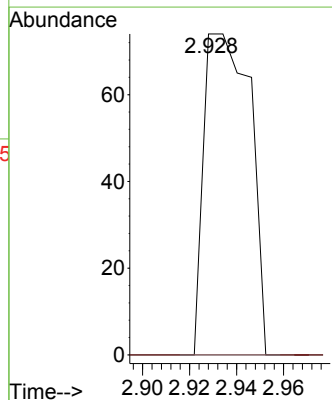
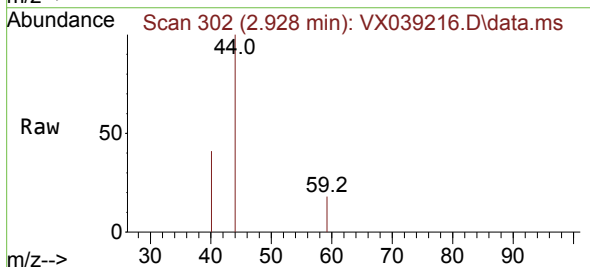
Instrument :  
MSVOA\_X  
ClientSampleId :

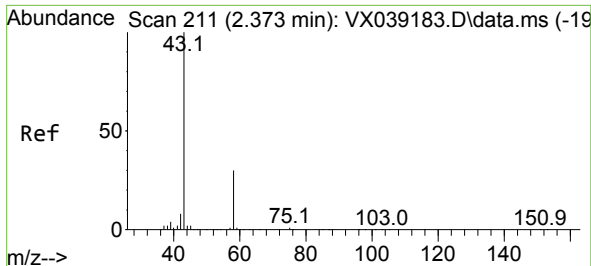
Tgt Ion: 64 Resp: 1017  
Ion Ratio Lower Upper  
64 100  
66 19.4 25.1 37.7#



#11  
Tert butyl alcohol  
Concen: 0.201 ug/l  
RT: 2.928 min Scan# 302  
Delta R.T. -0.024 min  
Lab File: VX039216.D  
Acq: 14 Dec 2023 18:14

Tgt Ion: 59 Resp: 101  
Ion Ratio Lower Upper  
59 100  
57 0.0 6.0 9.0#

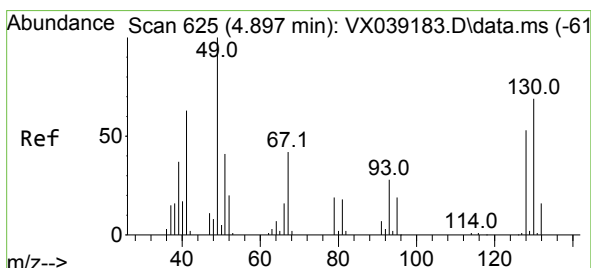
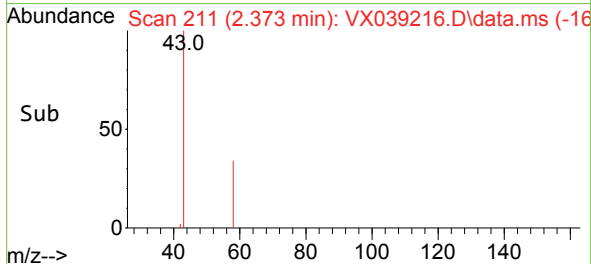
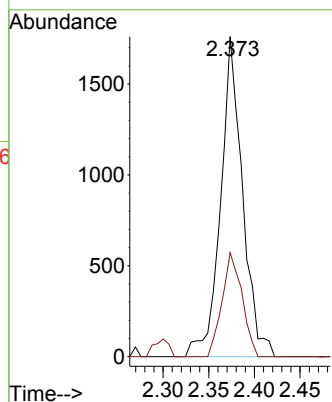
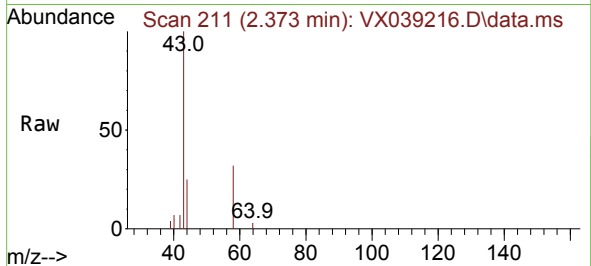




#16  
Acetone  
Concen: Below Cal  
RT: 2.373 min Scan# 211  
Delta R.T. 0.000 min  
Lab File: VX039216.D  
Acq: 14 Dec 2023 18:14

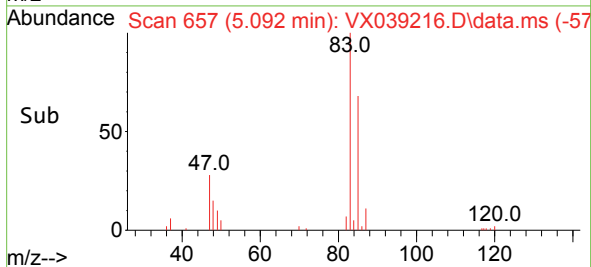
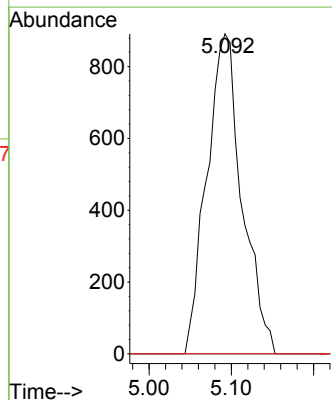
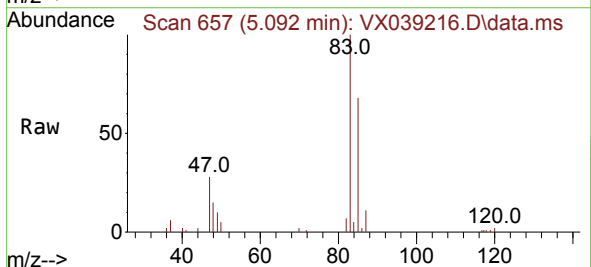
Instrument :  
MSVOA\_X  
ClientSampleId :

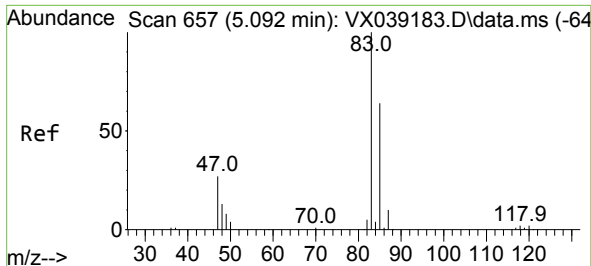
Tgt Ion: 43 Resp: 2943  
Ion Ratio Lower Upper  
43 100  
58 32.5 21.9 32.9



#28  
Bromochloromethane  
Concen: 1.854 ug/l  
RT: 5.092 min Scan# 657  
Delta R.T. 0.195 min  
Lab File: VX039216.D  
Acq: 14 Dec 2023 18:14

Tgt Ion: 49 Resp: 2649  
Ion Ratio Lower Upper  
49 100  
129 0.0 0.0 3.8  
130 0.0 57.5 86.3#

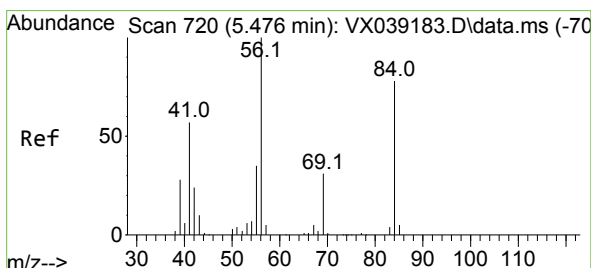
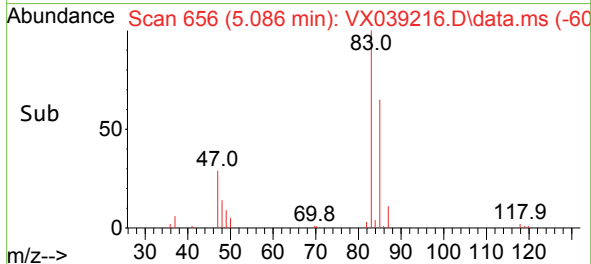
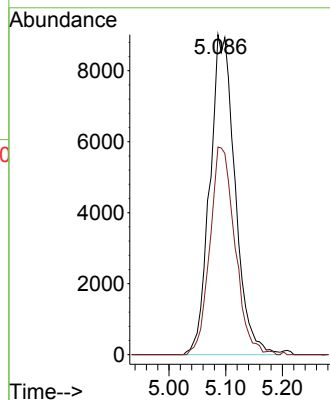
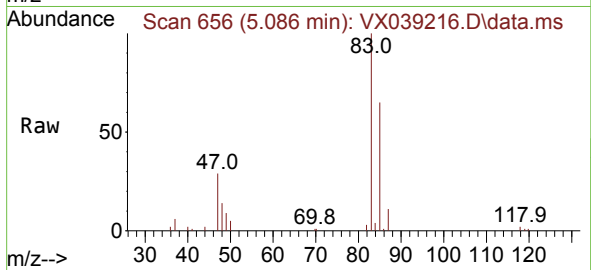




#30  
Chloroform  
Concen: 9.505 ug/l  
RT: 5.086 min Scan# 61  
Delta R.T. -0.006 min  
Lab File: VX039216.D  
Acq: 14 Dec 2023 18:14

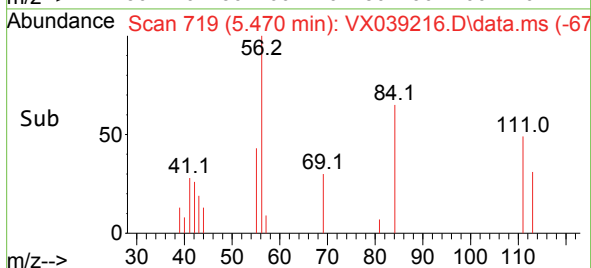
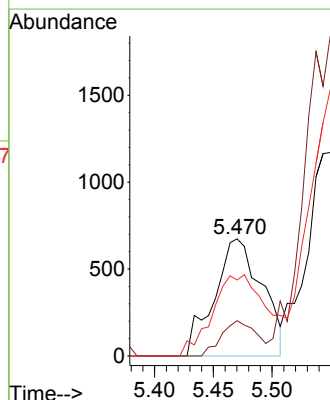
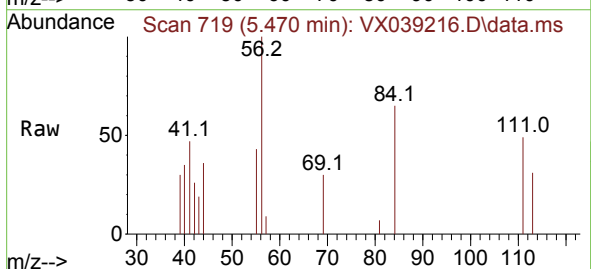
Instrument :  
MSVOA\_X  
ClientSampleId :

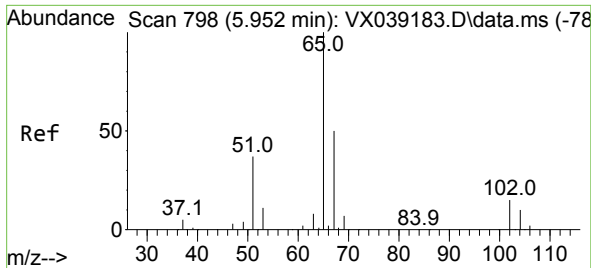
Tgt Ion: 83 Resp: 27810  
Ion Ratio Lower Upper  
83 100  
85 64.9 50.3 75.5



#31  
Cyclohexane  
Concen: 0.736 ug/l  
RT: 5.470 min Scan# 719  
Delta R.T. -0.006 min  
Lab File: VX039216.D  
Acq: 14 Dec 2023 18:14

Tgt Ion: 56 Resp: 1901  
Ion Ratio Lower Upper  
56 100  
69 30.1 23.4 35.2  
84 64.8 65.9 98.9#

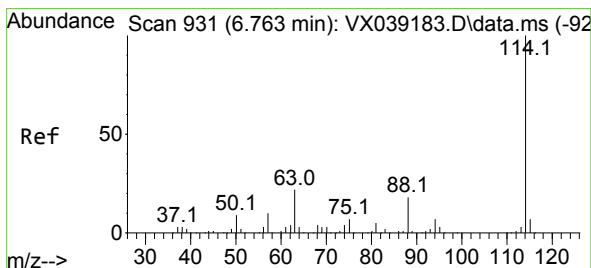
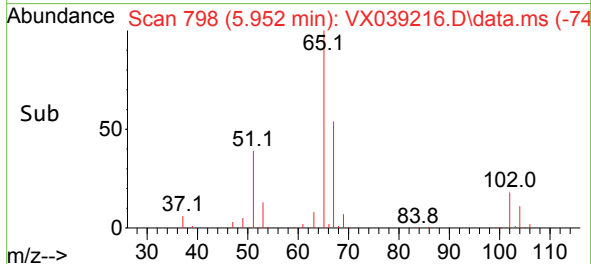
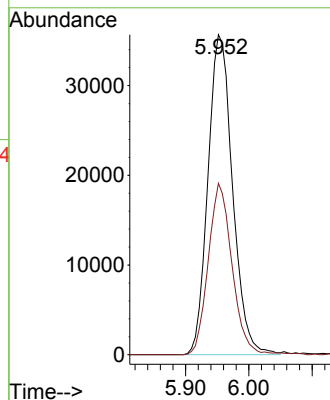
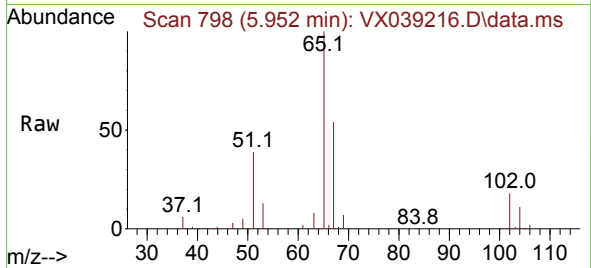




#33  
 1,2-Dichloroethane-d4  
 Concen: 48.266 ug/l  
 RT: 5.952 min Scan# 798  
 Delta R.T. 0.000 min  
 Lab File: VX039216.D  
 Acq: 14 Dec 2023 18:14

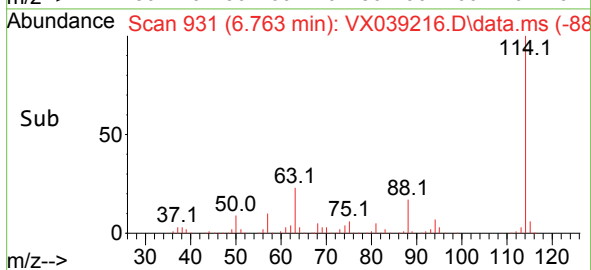
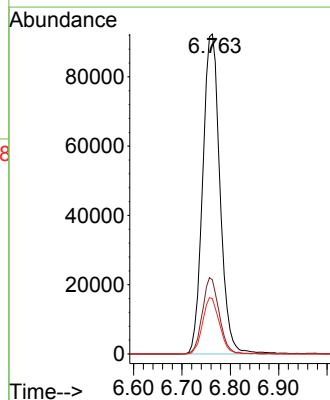
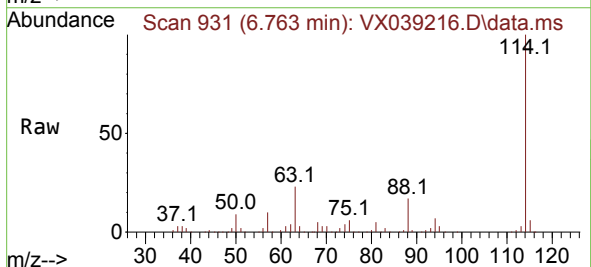
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 MSVOA\_X  
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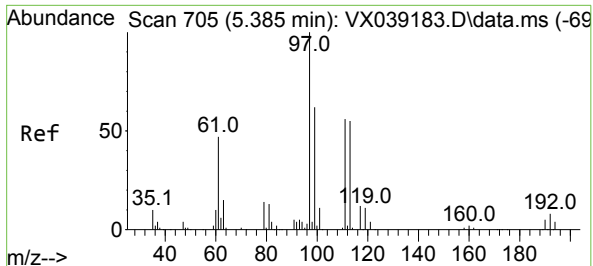
Tgt Ion: 65 Resp: 96578  
 Ion Ratio Lower Upper  
 65 100  
 67 51.9 0.0 100.2



#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 6.763 min Scan# 931  
 Delta R.T. 0.000 min  
 Lab File: VX039216.D  
 Acq: 14 Dec 2023 18:14

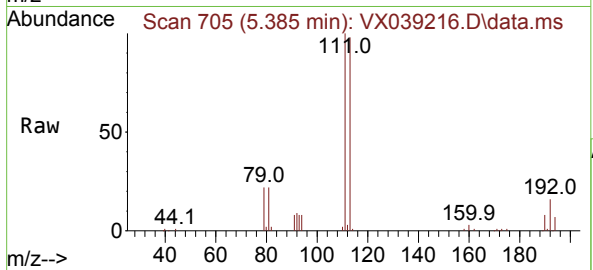
Tgt Ion:114 Resp: 228697  
 Ion Ratio Lower Upper  
 114 100  
 63 23.2 0.0 45.0  
 88 17.3 0.0 36.6



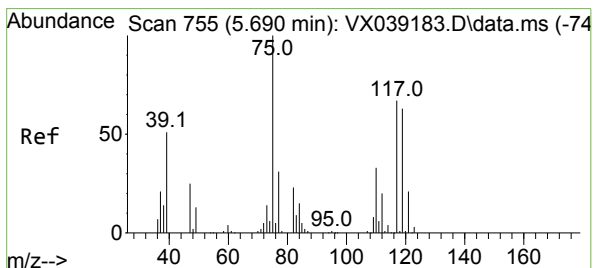
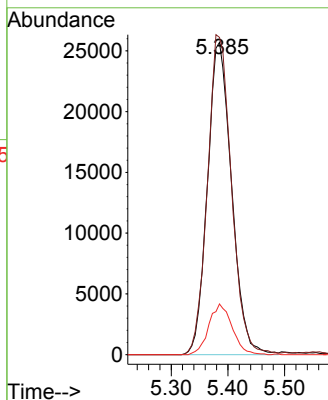
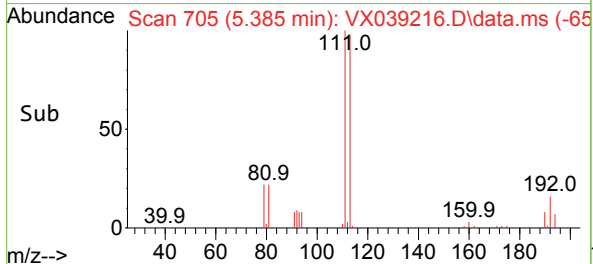


#35  
Dibromofluoromethane  
Concen: 48.133 ug/l  
RT: 5.385 min Scan# 705  
Delta R.T. 0.000 min  
Lab File: VX039216.D  
Acq: 14 Dec 2023 18:14

Instrument :  
MSVOA\_X  
ClientSampleId :

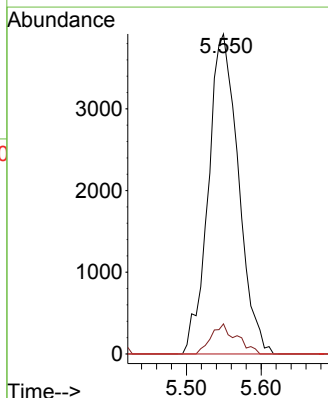
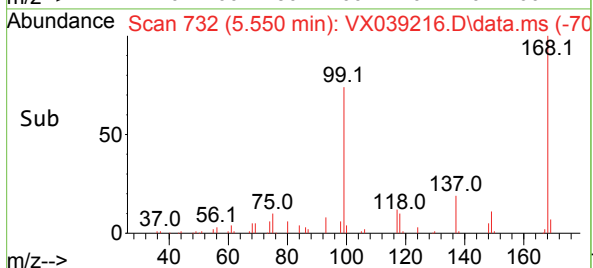
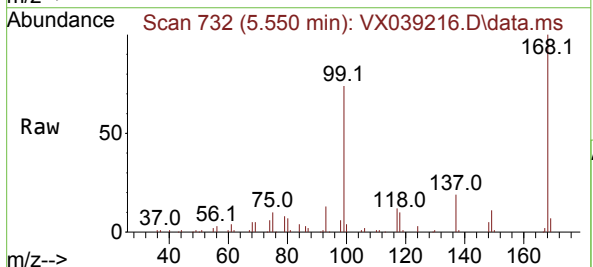


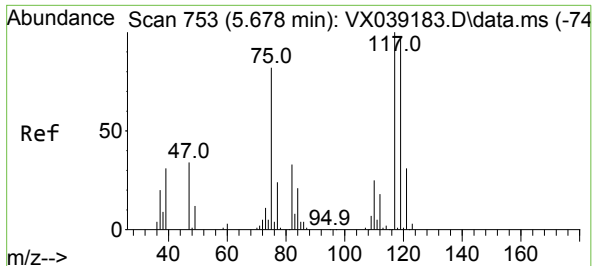
Tgt Ion:113 Resp: 76047  
Ion Ratio Lower Upper  
113 100  
111 101.7 82.9 124.3  
192 15.7 13.3 19.9



#36  
1,1-Dichloropropene  
Concen: 4.391 ug/l  
RT: 5.550 min Scan# 732  
Delta R.T. -0.140 min  
Lab File: VX039216.D  
Acq: 14 Dec 2023 18:14

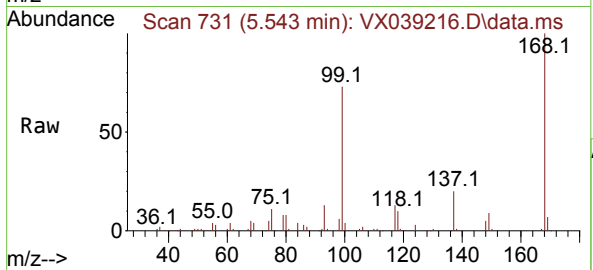
Tgt Ion: 75 Resp: 10948  
Ion Ratio Lower Upper  
75 100  
110 8.0 17.0 50.9#  
77 0.0 24.7 37.1#



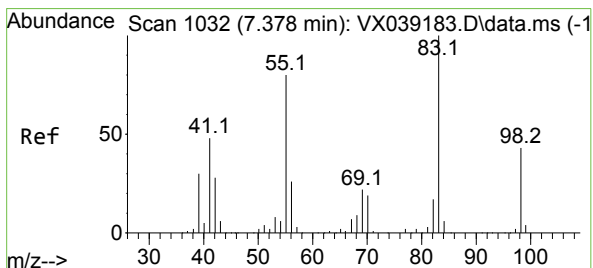
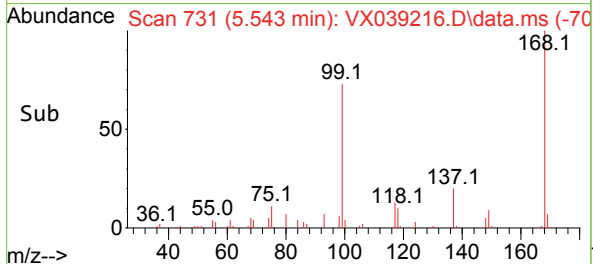
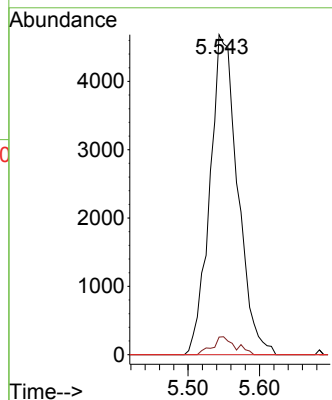


#38  
Carbon Tetrachloride  
Concen: 5.326 ug/l  
RT: 5.543 min Scan# 71  
Delta R.T. -0.134 min  
Lab File: VX039216.D  
Acq: 14 Dec 2023 18:14

Instrument :  
MSVOA\_X  
ClientSampleId :

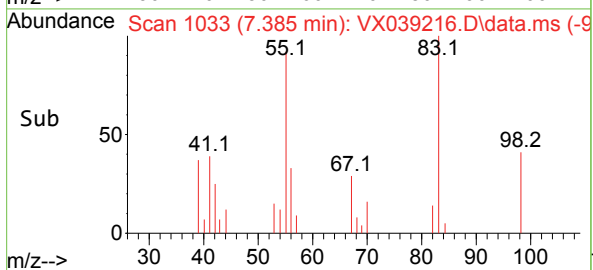
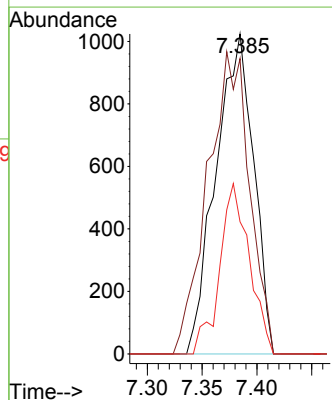
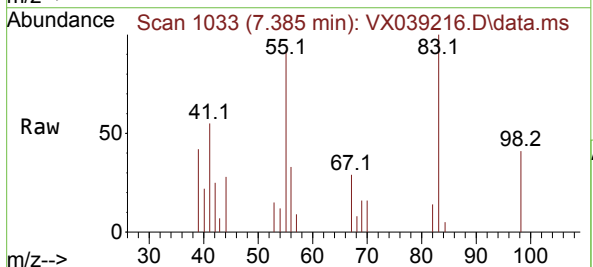


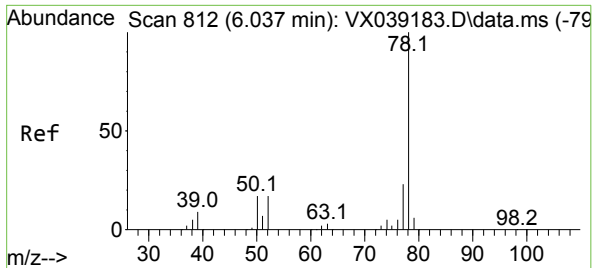
Tgt Ion:117 Resp: 12673  
Ion Ratio Lower Upper  
117 100  
119 5.5 78.2 117.2#  
121 0.0 24.4 36.6#



#39  
Methylcyclohexane  
Concen: 0.819 ug/l  
RT: 7.385 min Scan# 1033  
Delta R.T. 0.006 min  
Lab File: VX039216.D  
Acq: 14 Dec 2023 18:14

Tgt Ion: 83 Resp: 2452  
Ion Ratio Lower Upper  
83 100  
55 92.3 64.6 97.0  
98 41.3 36.7 55.1

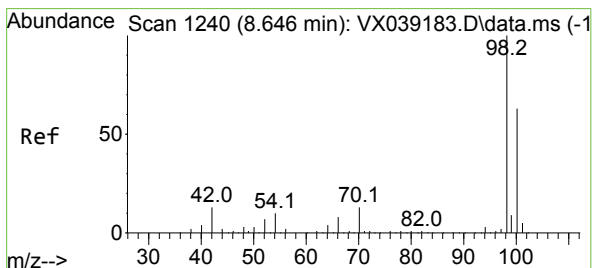
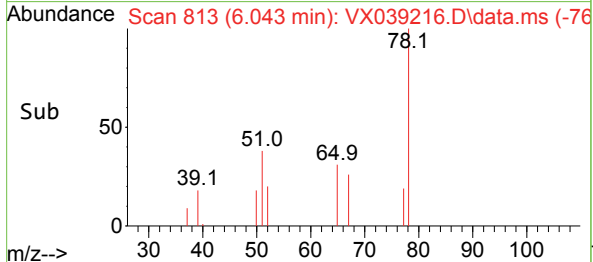
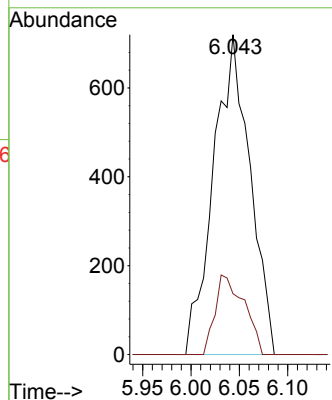
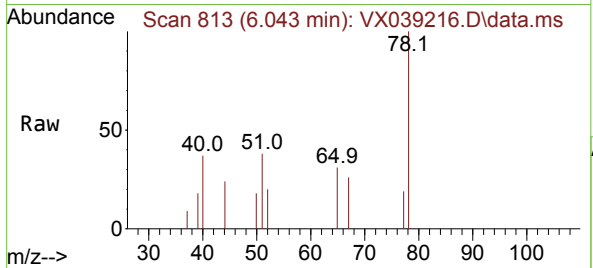




#40  
Benzene  
Concen: 0.267 ug/l  
RT: 6.043 min Scan# 812  
Delta R.T. 0.006 min  
Lab File: VX039216.D  
Acq: 14 Dec 2023 18:14

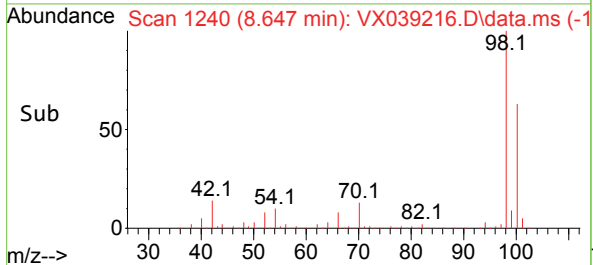
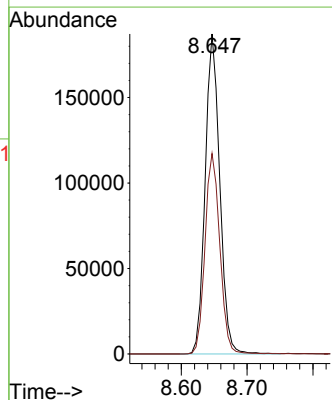
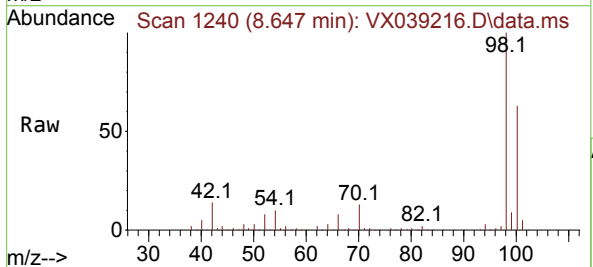
Instrument :  
MSVOA\_X  
ClientSampleId :

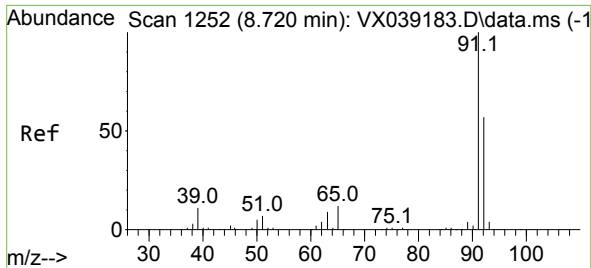
Tgt Ion: 78 Resp: 1886  
Ion Ratio Lower Upper  
78 100  
77 19.0 19.3 28.9#



#50  
Toluene-d8  
Concen: 49.286 ug/l  
RT: 8.647 min Scan# 1240  
Delta R.T. 0.000 min  
Lab File: VX039216.D  
Acq: 14 Dec 2023 18:14

Tgt Ion: 98 Resp: 289093  
Ion Ratio Lower Upper  
98 100  
100 63.4 53.1 79.7

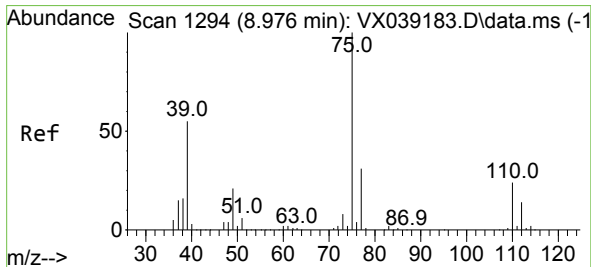
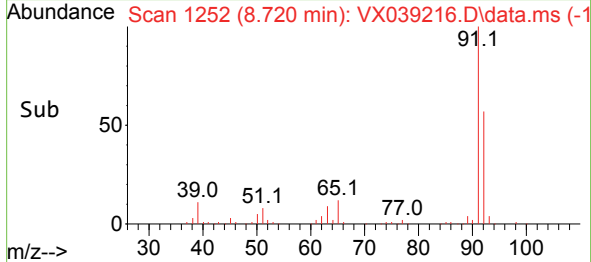
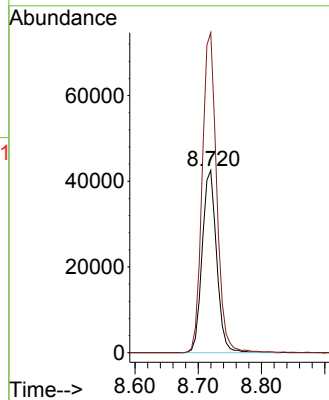
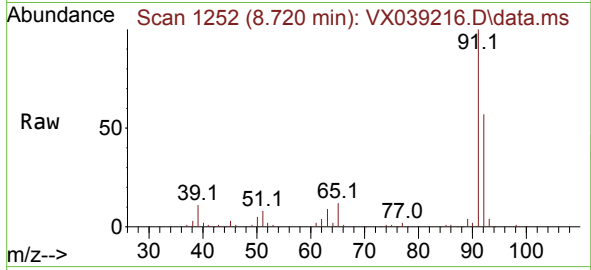




#52  
Toluene  
Concen: 15.933 ug/l  
RT: 8.720 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VX039216.D  
Acq: 14 Dec 2023 18:14

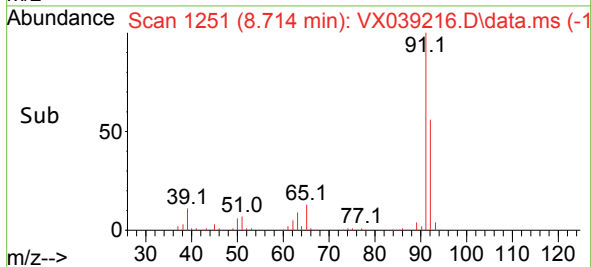
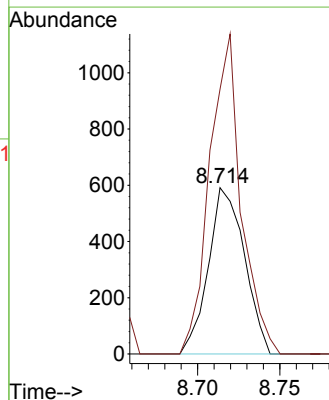
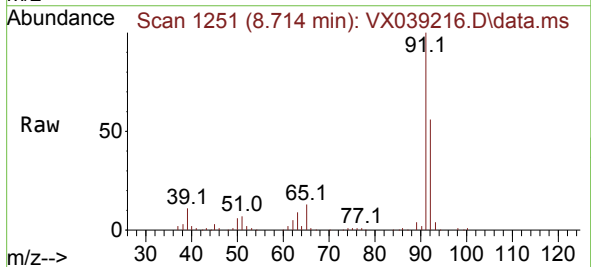
Instrument :  
MSVOA\_X  
ClientSampleId :

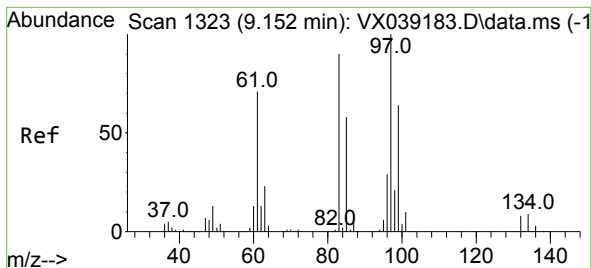
Tgt Ion: 92 Resp: 67822  
Ion Ratio Lower Upper  
92 100  
91 176.0 134.2 201.2



#53  
t-1,3-Dichloropropene  
Concen: 0.322 ug/l  
RT: 8.714 min Scan# 1251  
Delta R.T. -0.262 min  
Lab File: VX039216.D  
Acq: 14 Dec 2023 18:14

Tgt Ion: 75 Resp: 903  
Ion Ratio Lower Upper  
75 100  
77 159.4 25.7 38.5#





#55

1,1,2-Trichloroethane

Concen: 0.274 ug/l

RT: 9.104 min Scan# 1315

Delta R.T. -0.049 min

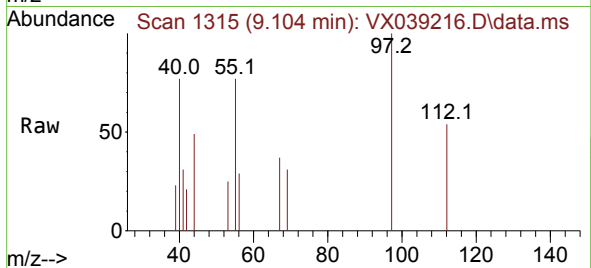
Lab File: VX039216.D

Acq: 14 Dec 2023 18:14

Instrument :

MSVOA\_X

ClientSampleId :



Tgt Ion: 97 Resp: 487

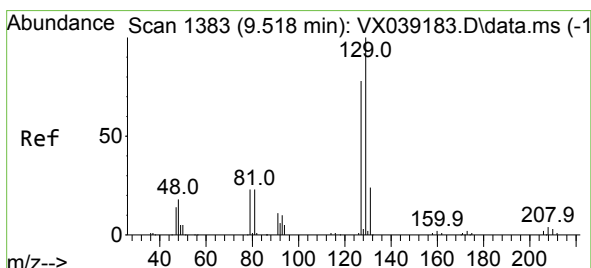
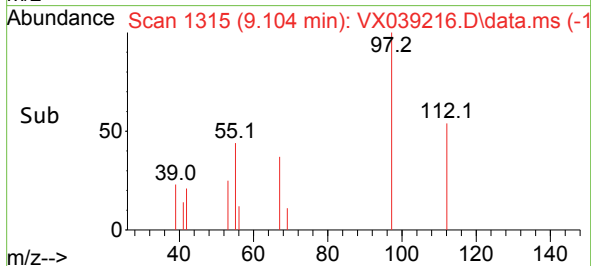
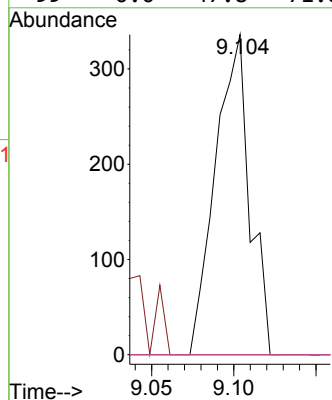
Ion Ratio Lower Upper

97 100

83 0.0 65.8 98.8#

85 0.0 41.6 62.4#

99 0.0 47.8 71.8#



#60

Dibromochloromethane

Concen: 0.729 ug/l

RT: 9.268 min Scan# 1342

Delta R.T. -0.250 min

Lab File: VX039216.D

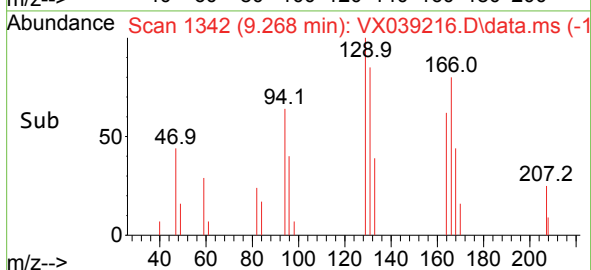
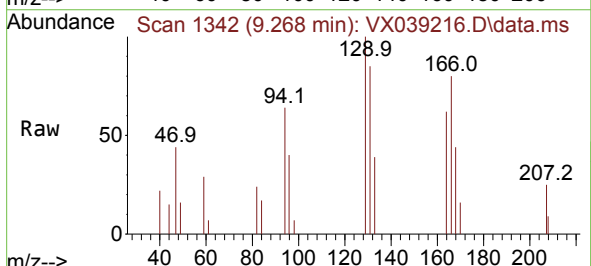
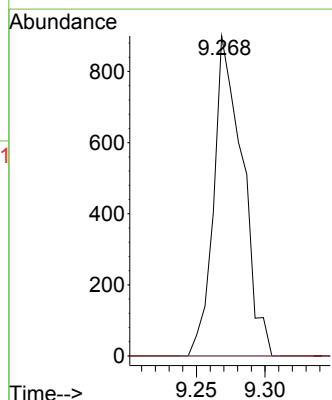
Acq: 14 Dec 2023 18:14

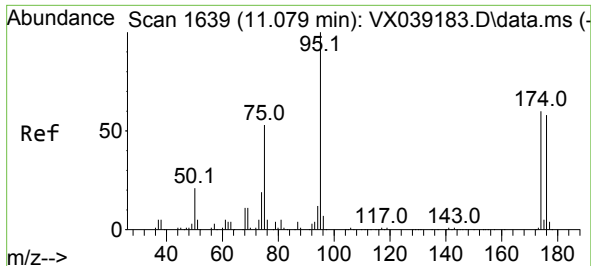
Tgt Ion: 129 Resp: 1311

Ion Ratio Lower Upper

129 100

127 0.0 38.8 116.4#

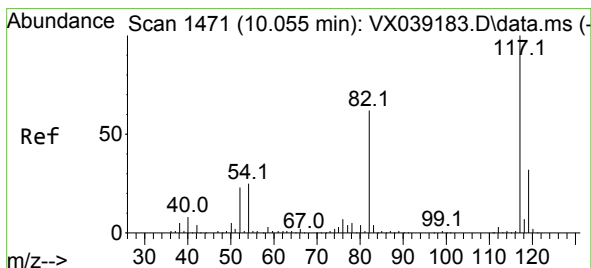
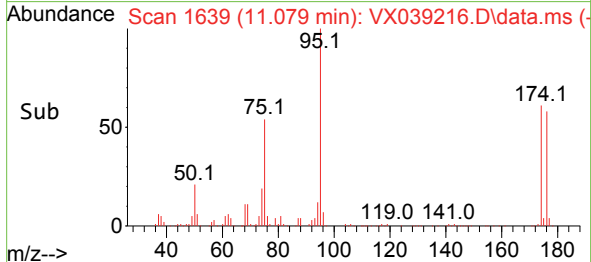
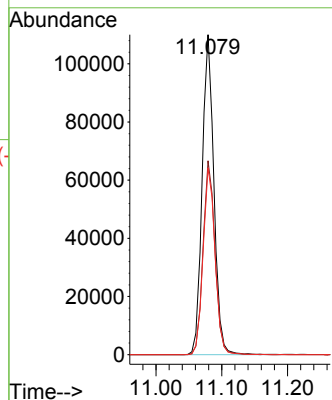
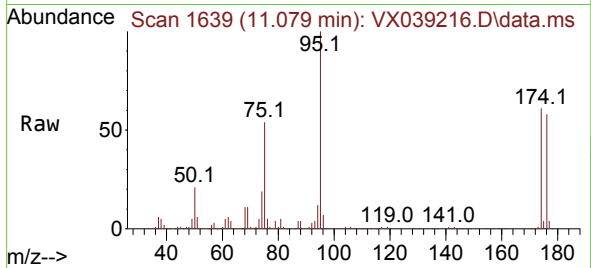




#62  
4-Bromofluorobenzene  
Concen: 56.320 ug/l  
RT: 11.079 min Scan# 1639  
Delta R.T. 0.000 min  
Lab File: VX039216.D  
Acq: 14 Dec 2023 18:14

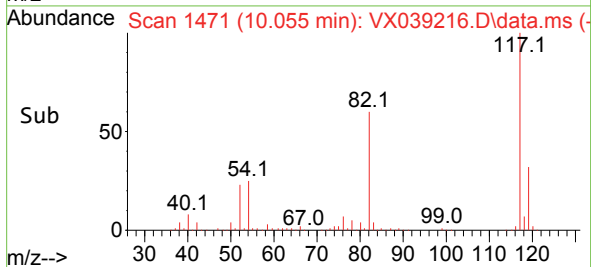
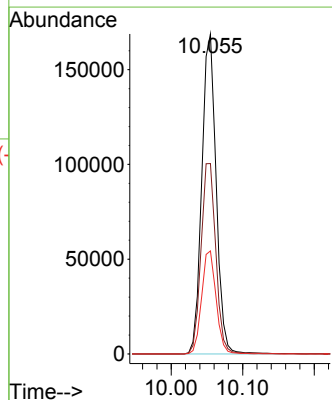
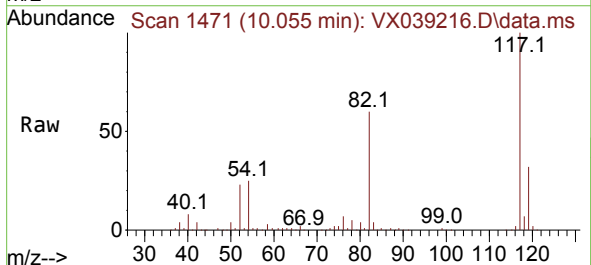
Instrument :  
MSVOA\_X  
ClientSampleId :

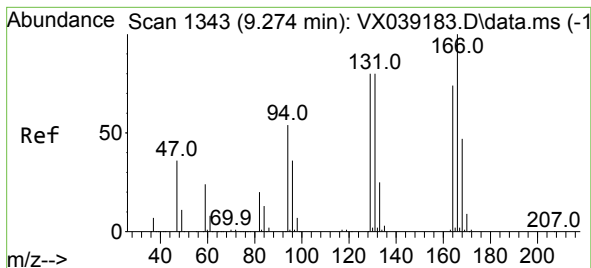
Tgt Ion: 95 Resp: 136301  
Ion Ratio Lower Upper  
95 100  
174 61.6 0.0 135.6  
176 59.7 0.0 131.0



#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.055 min Scan# 1471  
Delta R.T. 0.000 min  
Lab File: VX039216.D  
Acq: 14 Dec 2023 18:14

Tgt Ion: 117 Resp: 234866  
Ion Ratio Lower Upper  
117 100  
82 59.5 46.2 69.4  
119 32.2 25.5 38.3





#64

Tetrachloroethene

Concen: 0.764 ug/l

RT: 9.274 min Scan# 11

Delta R.T. 0.000 min

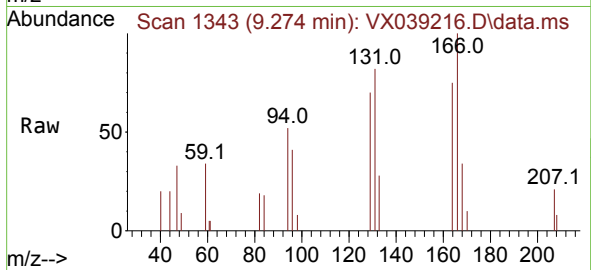
Lab File: VX039216.D

Acq: 14 Dec 2023 18:14

Instrument :

MSVOA\_X

ClientSampleId :



Tgt Ion:164 Resp: 1173

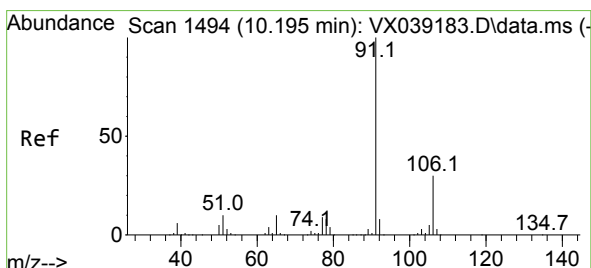
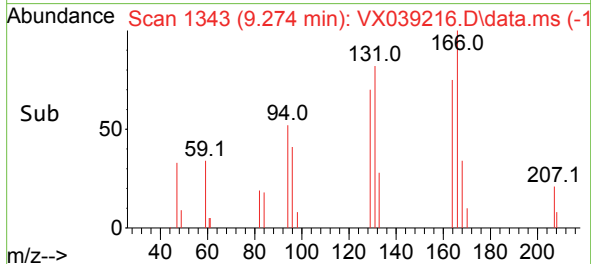
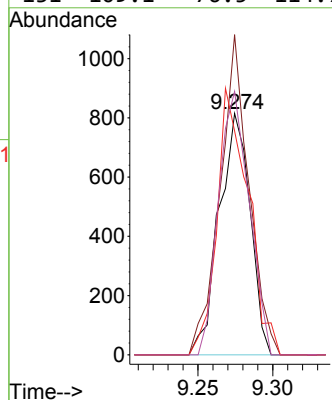
Ion Ratio Lower Upper

164 100

166 132.6 102.7 154.1

129 92.8 80.4 120.6

131 109.1 76.5 114.7



#67

Ethyl Benzene

Concen: 45.097 ug/l

RT: 10.189 min Scan# 1493

Delta R.T. -0.006 min

Lab File: VX039216.D

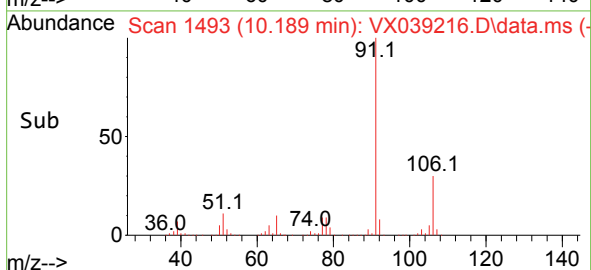
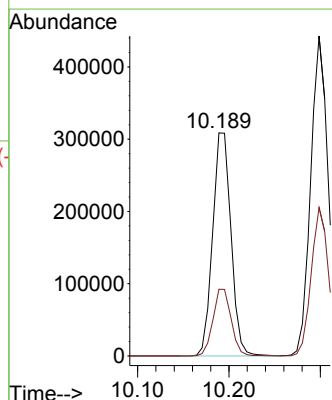
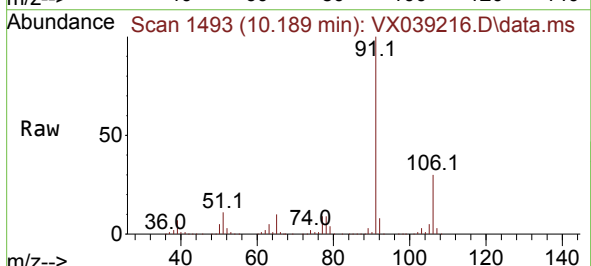
Acq: 14 Dec 2023 18:14

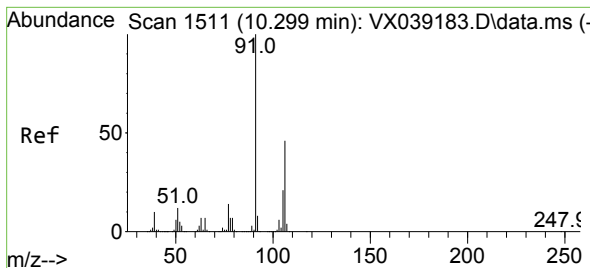
Tgt Ion: 91 Resp: 430334

Ion Ratio Lower Upper

91 100

106 29.9 24.9 37.3

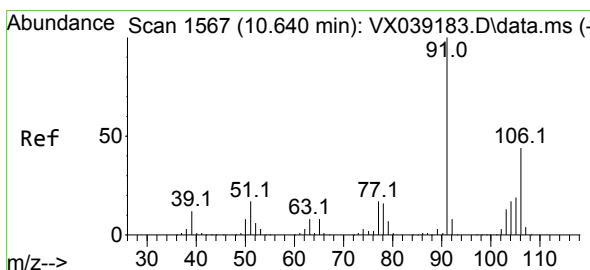
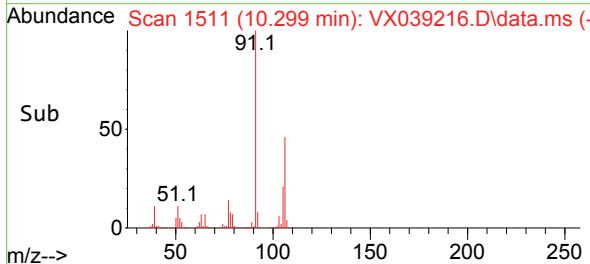
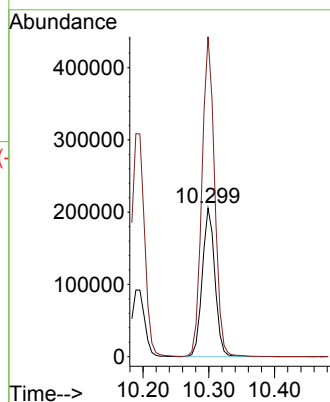
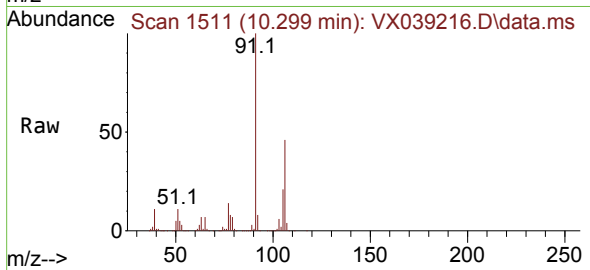




#68  
m/p-Xylenes  
Concen: 80.276 ug/l  
RT: 10.299 min Scan# 1511  
Delta R.T. 0.000 min  
Lab File: VX039216.D  
Acq: 14 Dec 2023 18:14

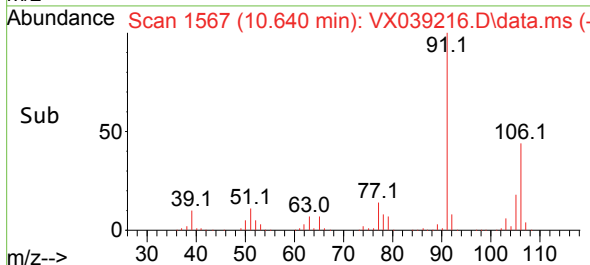
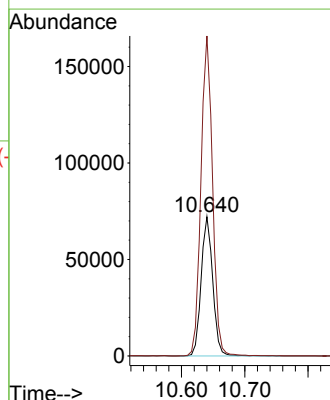
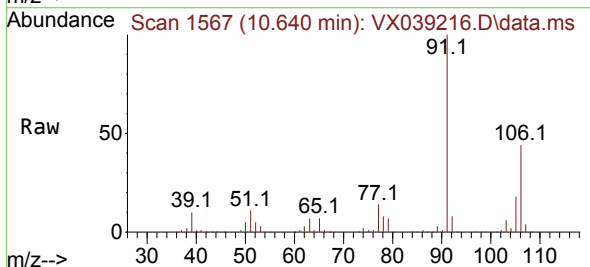
Instrument :  
MSVOA\_X  
ClientSampleId :

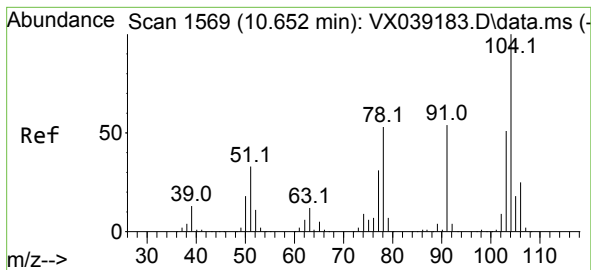
Tgt Ion:106 Resp: 274658  
Ion Ratio Lower Upper  
106 100  
91 216.3 165.5 248.3



#69  
o-Xylene  
Concen: 27.812 ug/l  
RT: 10.640 min Scan# 1567  
Delta R.T. 0.000 min  
Lab File: VX039216.D  
Acq: 14 Dec 2023 18:14

Tgt Ion:106 Resp: 92004  
Ion Ratio Lower Upper  
106 100  
91 230.8 108.9 326.8





#70

Styrene

Concen: 1.344 ug/l

RT: 10.640 min Scan# 1567

Delta R.T. -0.012 min

Lab File: VX039216.D

Acq: 14 Dec 2023 18:14

Instrument :

MSVOA\_X

ClientSampleId :

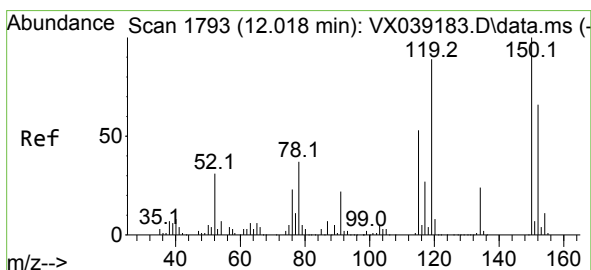
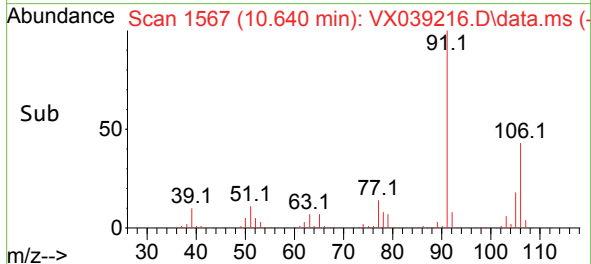
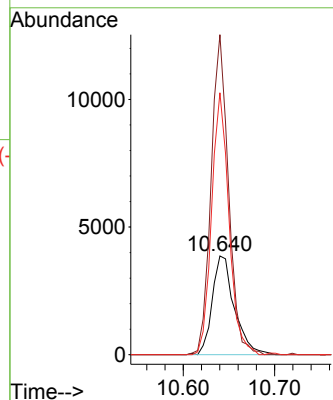
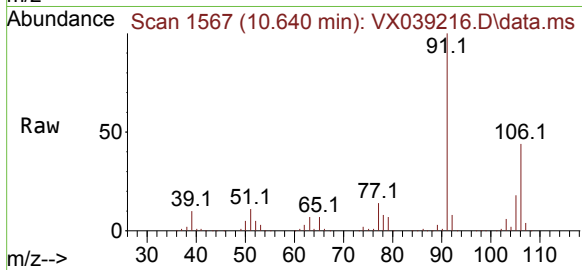
Tgt Ion:104 Resp: 6501

Ion Ratio Lower Upper

104 100

78 254.7 43.6 65.4#

103 207.6 43.6 65.4#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.018 min Scan# 1793

Delta R.T. 0.000 min

Lab File: VX039216.D

Acq: 14 Dec 2023 18:14

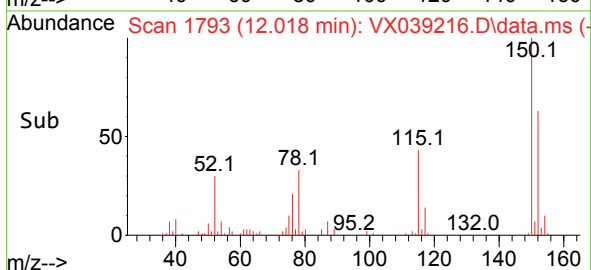
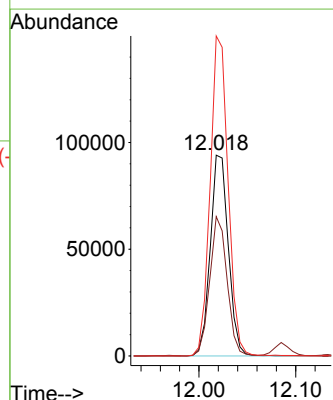
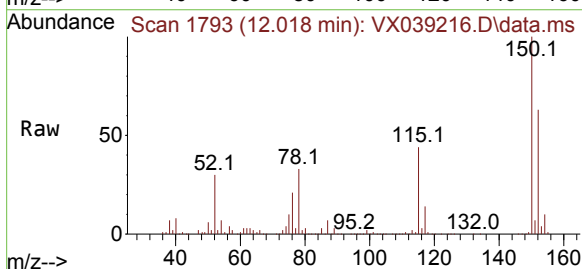
Tgt Ion:152 Resp: 122323

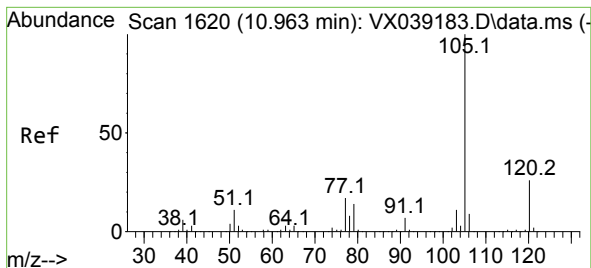
Ion Ratio Lower Upper

152 100

115 66.9 43.3 129.9

150 158.4 0.0 345.0





#73

Isopropylbenzene

Concen: 2.578 ug/l

RT: 10.963 min Scan# 1620

Delta R.T. 0.000 min

Lab File: VX039216.D

Acq: 14 Dec 2023 18:14

Instrument :

MSVOA\_X

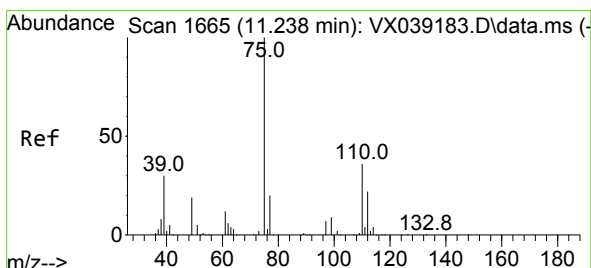
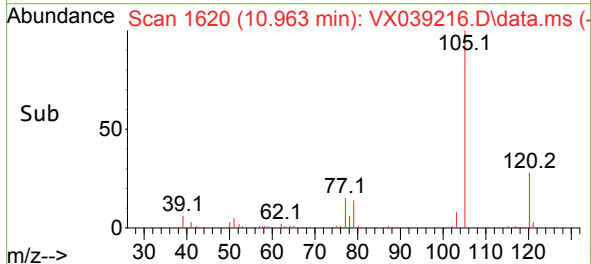
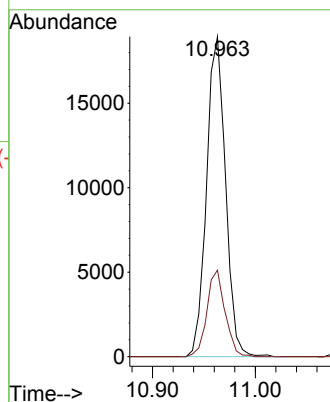
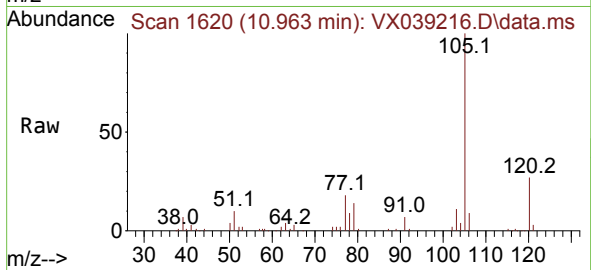
ClientSampleId :

Tgt Ion:105 Resp: 24335

Ion Ratio Lower Upper

105 100

120 25.8 12.9 38.6



#76

1,2,3-Trichloropropane

Concen: 23.244 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.158 min

Lab File: VX039216.D

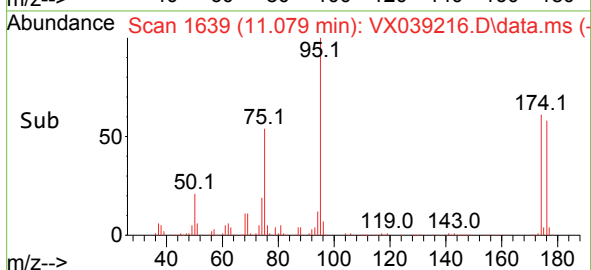
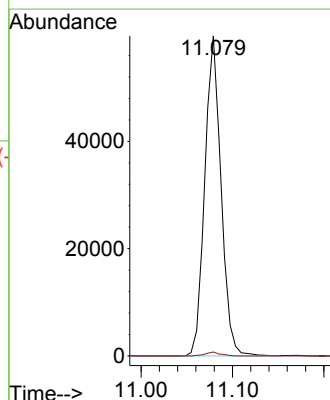
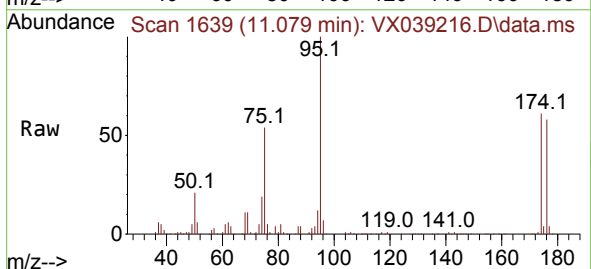
Acq: 14 Dec 2023 18:14

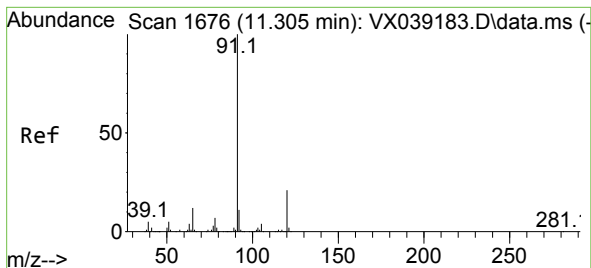
Tgt Ion: 75 Resp: 73562

Ion Ratio Lower Upper

75 100

77 1.2 19.1 57.5#





#78

n-propylbenzene

Concen: 5.399 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. 0.000 min

Lab File: VX039216.D

Acq: 14 Dec 2023 18:14

Instrument :

MSVOA\_X

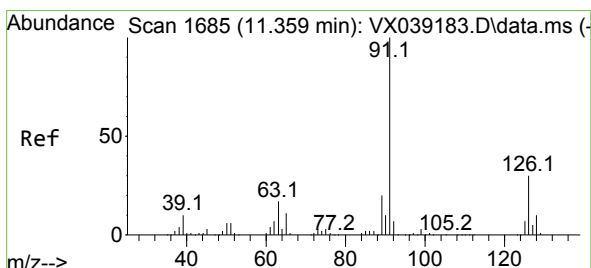
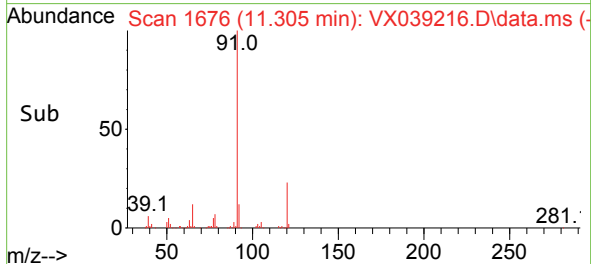
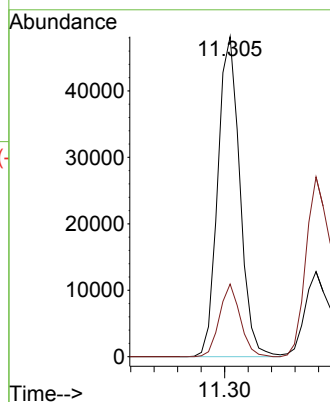
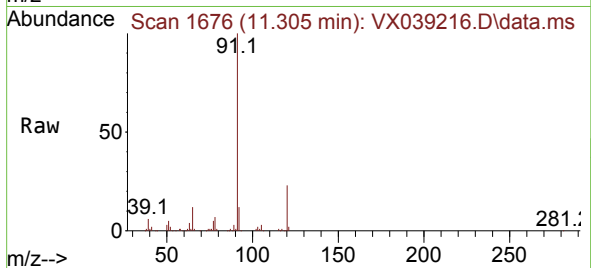
ClientSampleId :

Tgt Ion: 91 Resp: 62785

Ion Ratio Lower Upper

91 100

120 21.3 11.5 34.4



#79

2-Chlorotoluene

Concen: 3.385 ug/l

RT: 11.378 min Scan# 1688

Delta R.T. 0.018 min

Lab File: VX039216.D

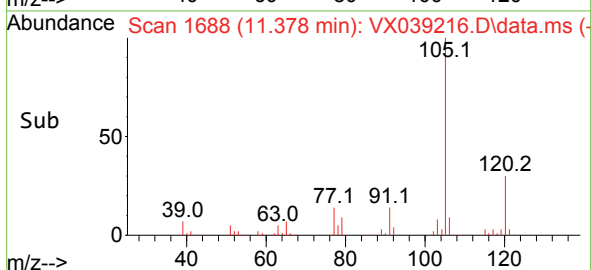
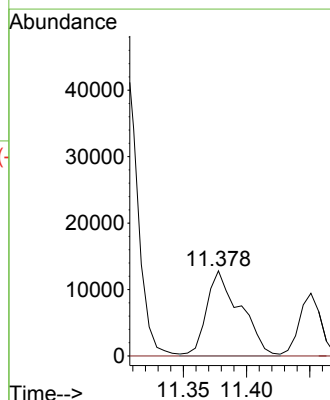
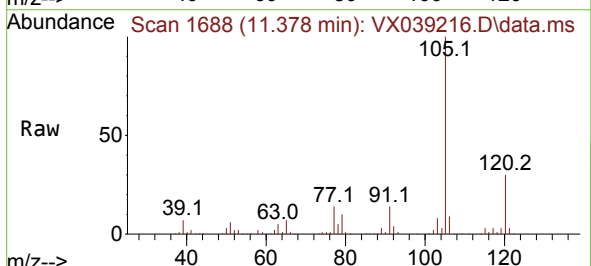
Acq: 14 Dec 2023 18:14

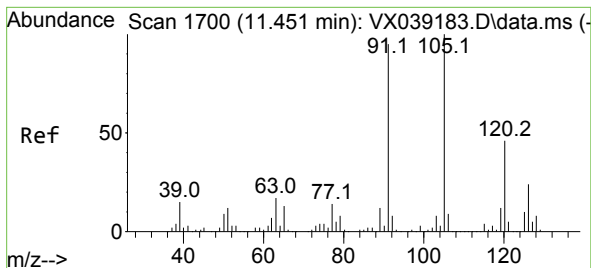
Tgt Ion: 91 Resp: 23811

Ion Ratio Lower Upper

91 100

126 0.0 16.3 48.8#





#80

1,3,5-Trimethylbenzene

Concen: 12.097 ug/l

RT: 11.451 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX039216.D

Acq: 14 Dec 2023 18:14

Instrument :

MSVOA\_X

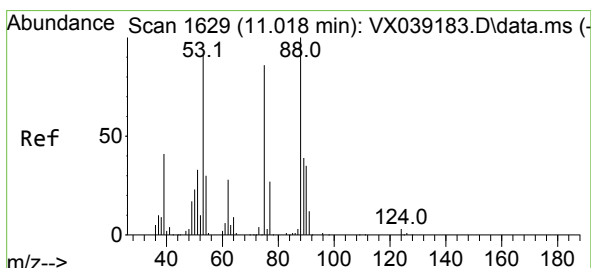
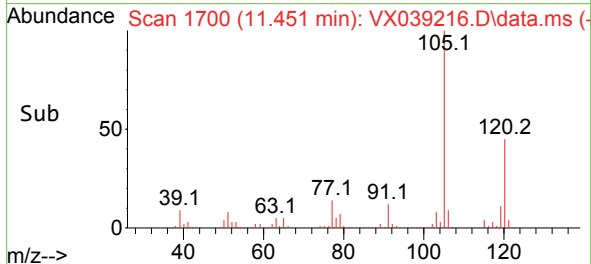
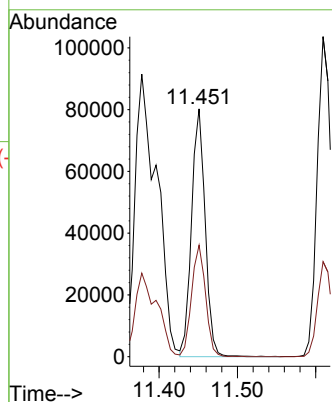
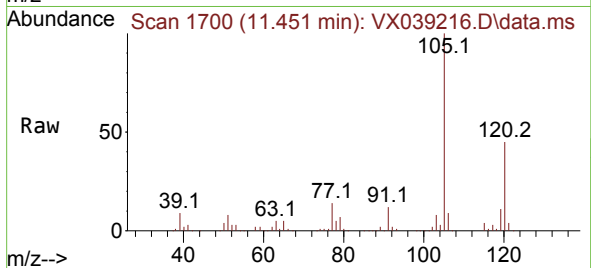
ClientSampleId :

Tgt Ion:105 Resp: 97256

Ion Ratio Lower Upper

105 100

120 46.1 24.1 72.3



#81

trans-1,4-Dichloro-2-butene

Concen: 65.573 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX039216.D

Acq: 14 Dec 2023 18:14

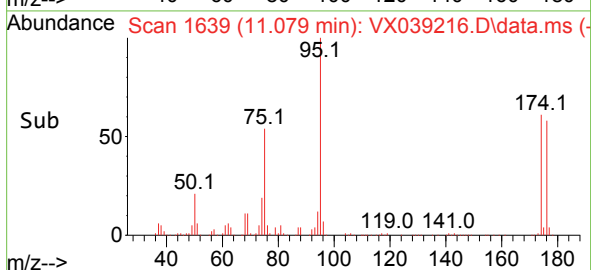
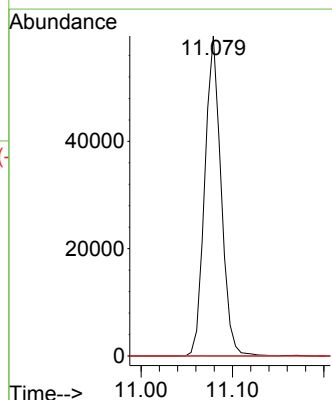
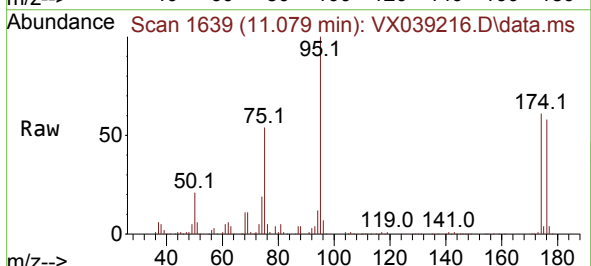
Tgt Ion: 75 Resp: 73562

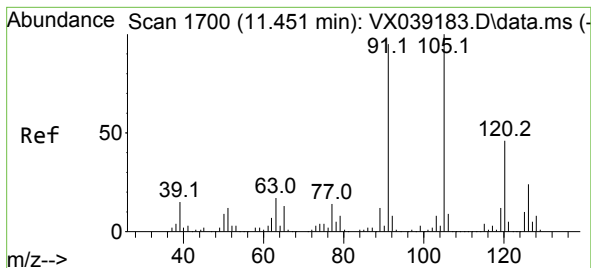
Ion Ratio Lower Upper

75 100

53 0.0 90.5 135.7#

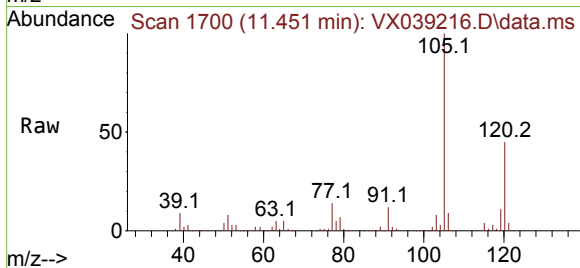
89 0.0 36.9 55.3#



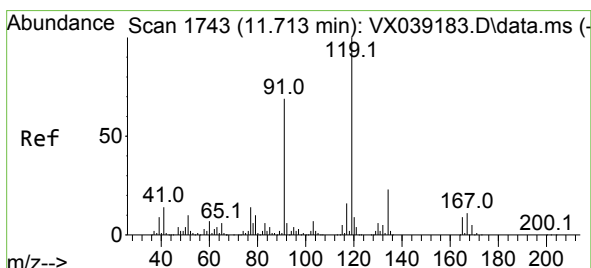
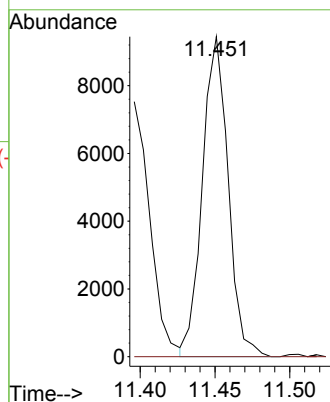
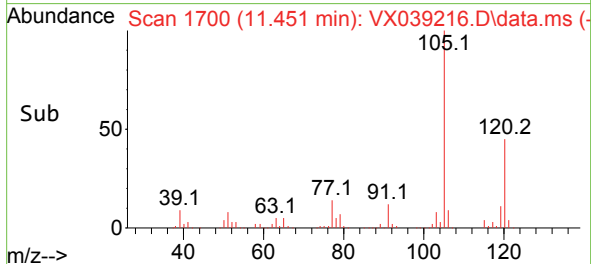


#82  
4-Chlorotoluene  
Concen: 1.367 ug/l  
RT: 11.451 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VX039216.D  
Acq: 14 Dec 2023 18:14

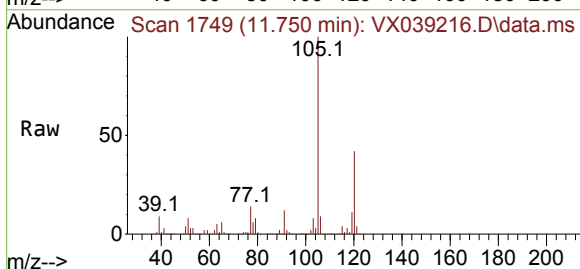
Instrument :  
MSVOA\_X  
ClientSampleId :



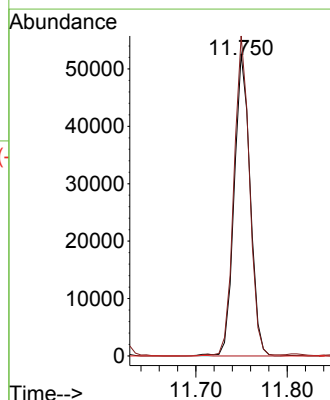
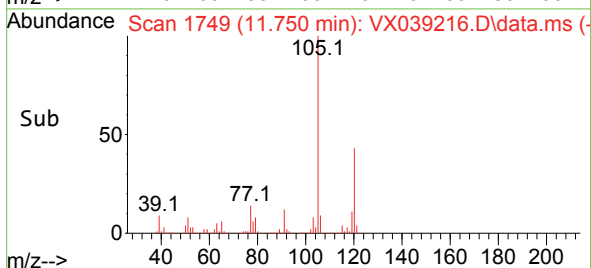
Tgt Ion: 91 Resp: 11295  
Ion Ratio Lower Upper  
91 100  
126 0.0 14.2 42.6#

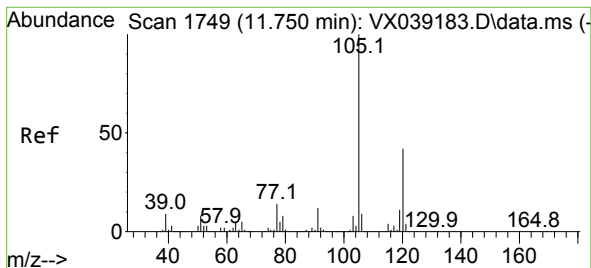


#83  
tert-Butylbenzene  
Concen: 8.304 ug/l  
RT: 11.750 min Scan# 1749  
Delta R.T. 0.037 min  
Lab File: VX039216.D  
Acq: 14 Dec 2023 18:14



Tgt Ion: 119 Resp: 63540  
Ion Ratio Lower Upper  
119 100  
91 104.4 31.2 93.6#  
134 0.0 11.7 35.0#





#84

1,2,4-Trimethylbenzene

Concen: 68.372 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VX039216.D

Acq: 14 Dec 2023 18:14

Instrument :

MSVOA\_X

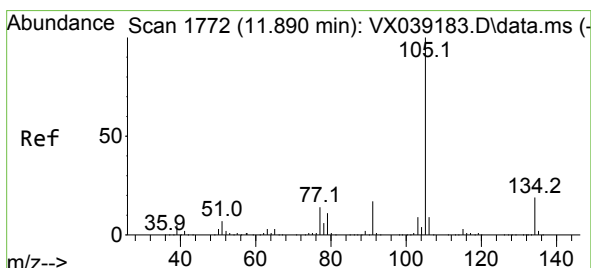
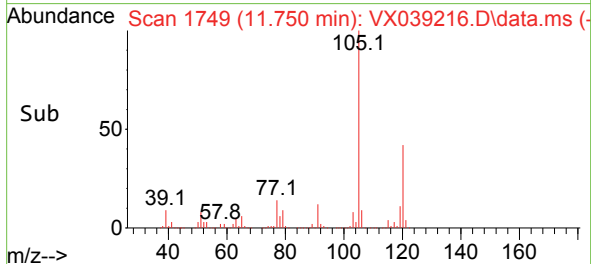
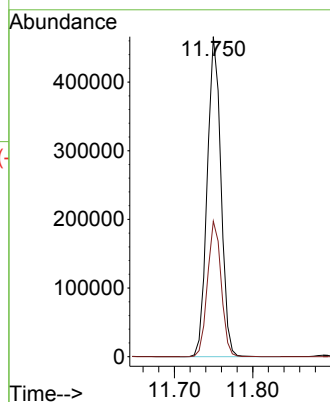
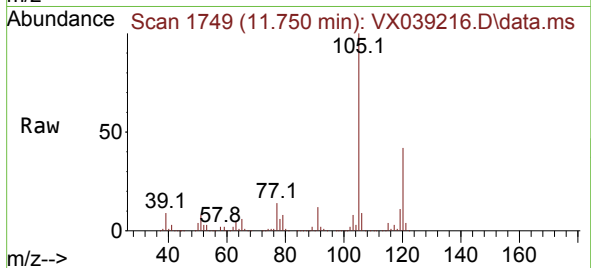
ClientSampleId :

Tgt Ion:105 Resp: 563723

Ion Ratio Lower Upper

105 100

120 42.4 21.2 63.6



#85

sec-Butylbenzene

Concen: 57.897 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. -0.140 min

Lab File: VX039216.D

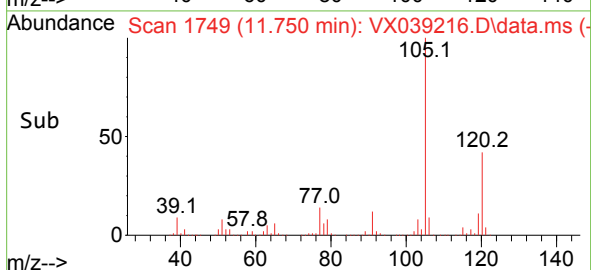
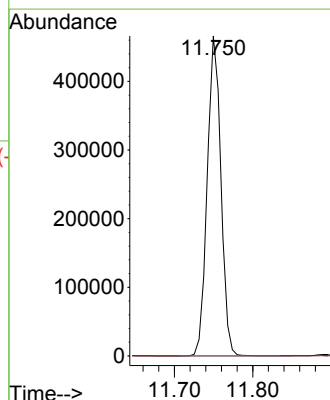
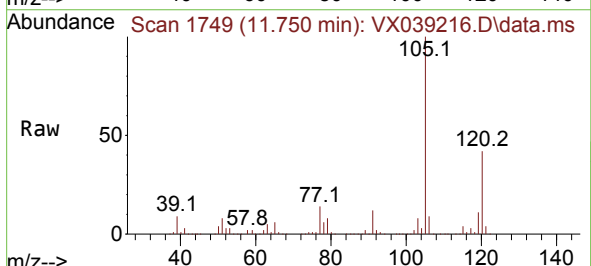
Acq: 14 Dec 2023 18:14

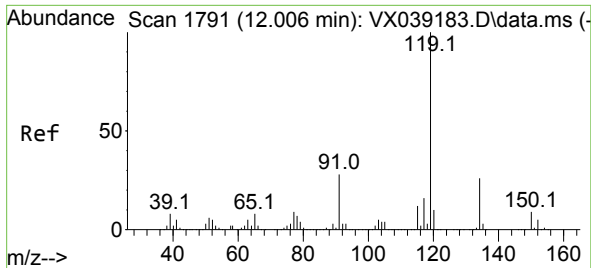
Tgt Ion:105 Resp: 563723

Ion Ratio Lower Upper

105 100

134 0.0 9.8 29.4#

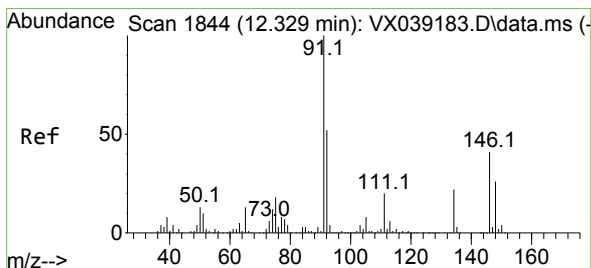
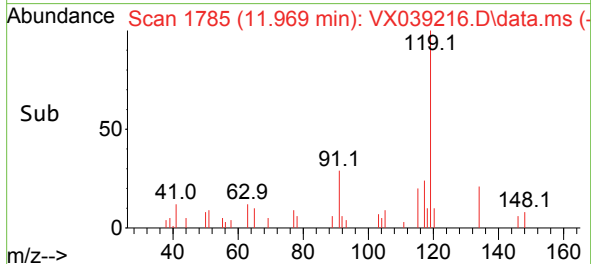
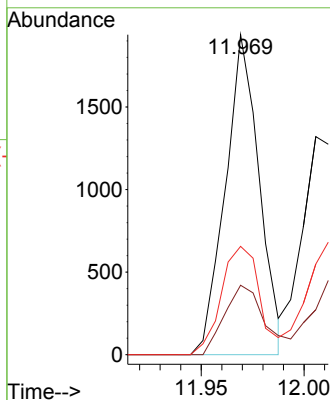
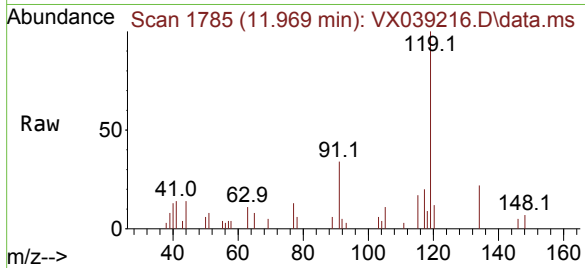




#86  
p-Isopropyltoluene  
Concen: 0.272 ug/l  
RT: 11.969 min Scan# 11  
Delta R.T. -0.037 min  
Lab File: VX039216.D  
Acq: 14 Dec 2023 18:14

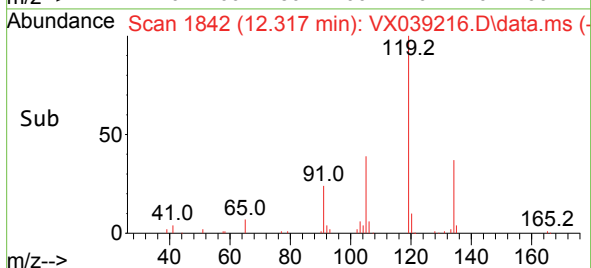
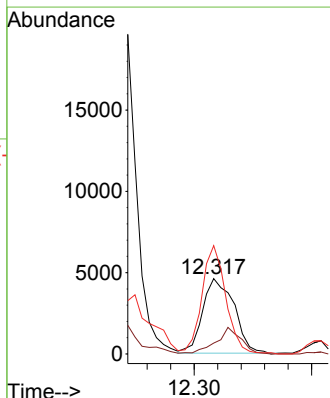
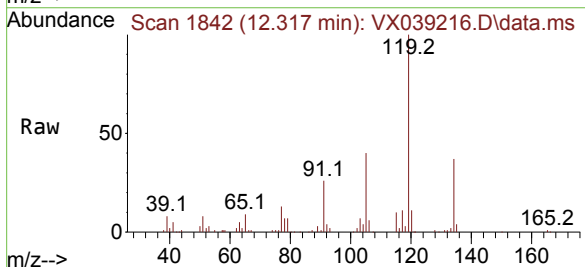
Instrument :  
MSVOA\_X  
ClientSampleId :

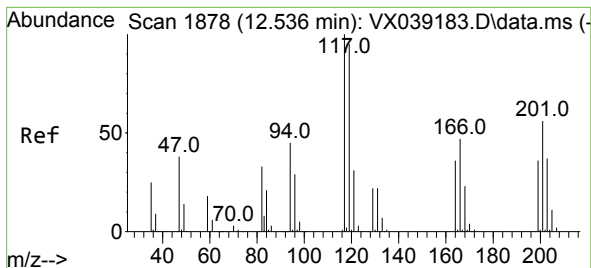
Tgt Ion:119 Resp: 2225  
Ion Ratio Lower Upper  
119 100  
134 26.3 12.8 38.3  
91 0.0 13.1 39.3#



#89  
n-Butylbenzene  
Concen: 1.058 ug/l  
RT: 12.317 min Scan# 1842  
Delta R.T. -0.012 min  
Lab File: VX039216.D  
Acq: 14 Dec 2023 18:14

Tgt Ion: 91 Resp: 8497  
Ion Ratio Lower Upper  
91 100  
92 28.4 27.4 82.0  
134 111.7 12.6 37.8#





#90

Hexachloroethane

Concen: 2.822 ug/l

RT: 12.609 min Scan# 11

Delta R.T. 0.073 min

Lab File: VX039216.D

Acq: 14 Dec 2023 18:14

Instrument :

MSVOA\_X

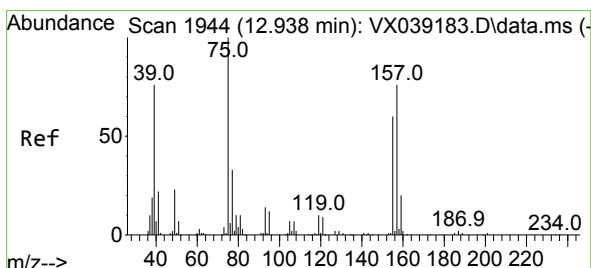
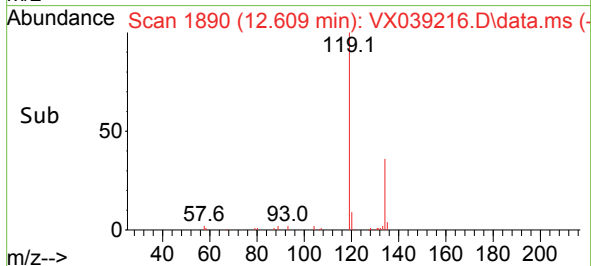
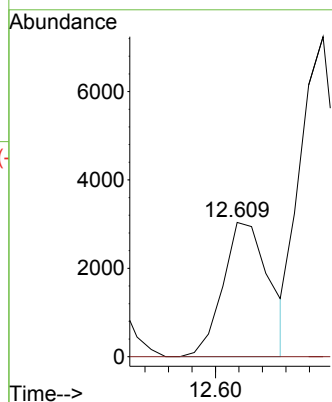
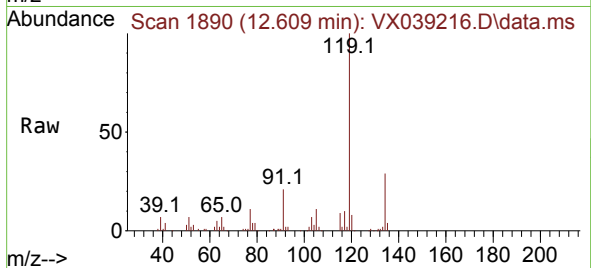
ClientSampleId :

Tgt Ion:117 Resp: 4166

Ion Ratio Lower Upper

117 100

201 0.0 32.9 98.6#



#92

1,2-Dibromo-3-Chloropropane

Concen: 0.314 ug/l

RT: 12.920 min Scan# 1941

Delta R.T. -0.018 min

Lab File: VX039216.D

Acq: 14 Dec 2023 18:14

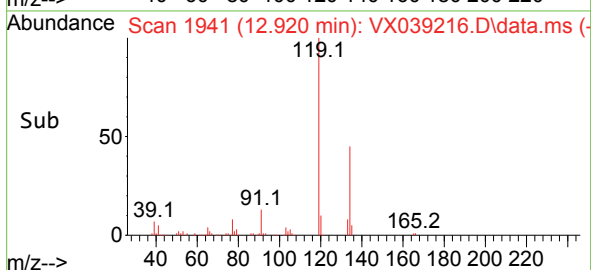
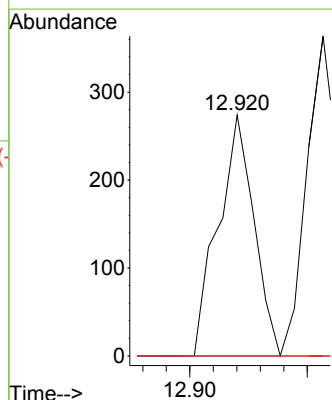
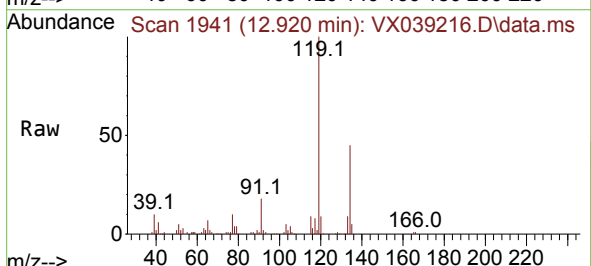
Tgt Ion: 75 Resp: 290

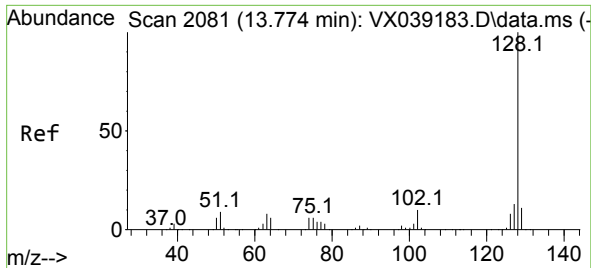
Ion Ratio Lower Upper

75 100

155 0.0 36.1 108.5#

157 0.0 44.9 134.7#





#95

Naphthalene

Concen: 25.528 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. 0.000 min

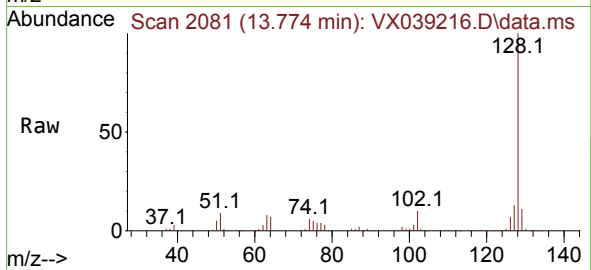
Lab File: VX039216.D

Acq: 14 Dec 2023 18:14

Instrument :

MSVOA\_X

ClientSampleId :



Tgt Ion:128 Resp: 228372

Ion Ratio Lower Upper

128 100

127 12.9 10.3 15.5

129 10.8 8.8 13.2

