

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX050123\  
 Data File : VX035442.D  
 Acq On : 01 May 2023 15:54  
 Operator : JC/MD  
 Sample : IBLK  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 IBLK

Quant Time: May 02 00:01:36 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X042523W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Apr 25 16:31:40 2023  
 Response via : Initial Calibration

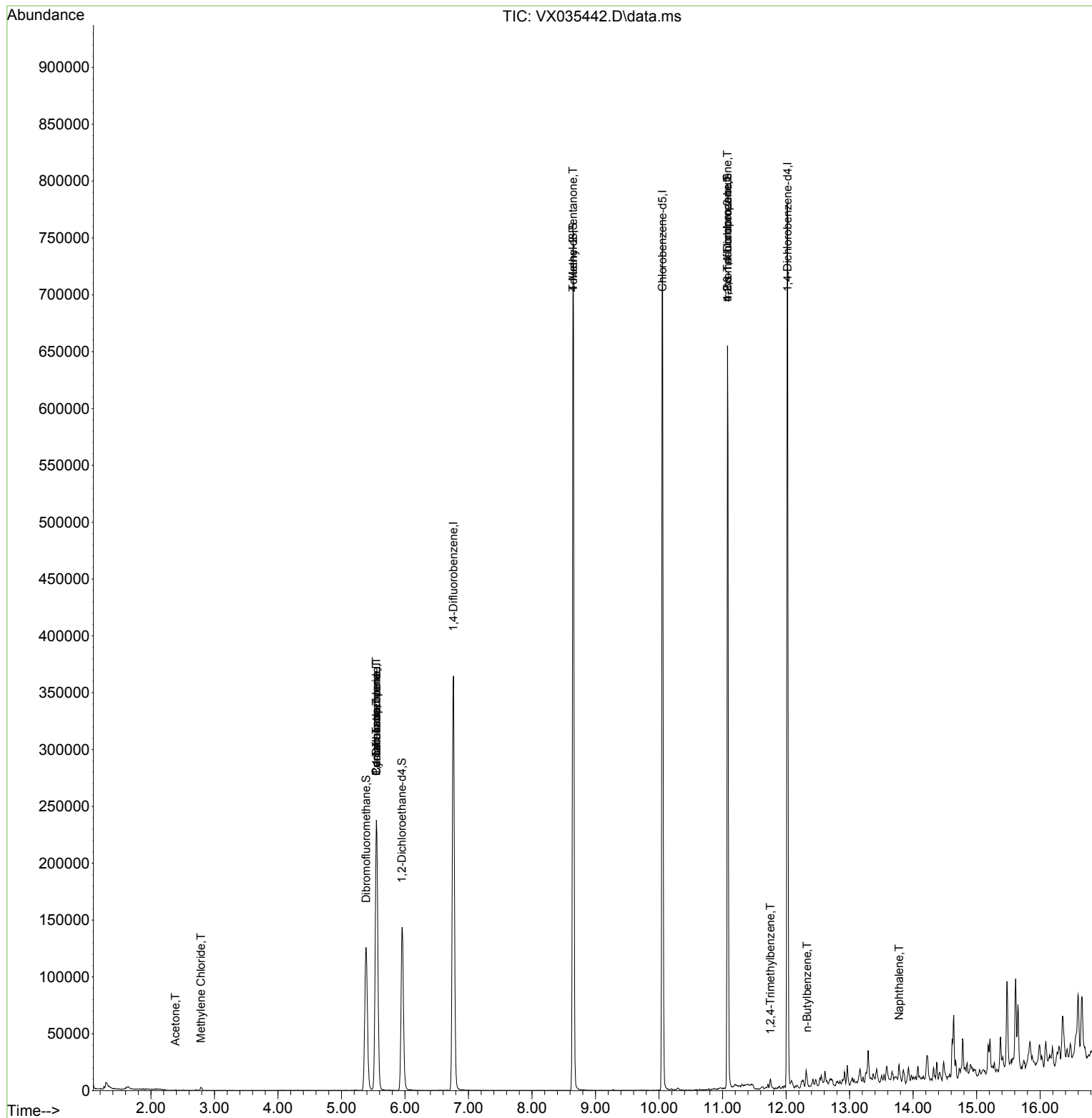
| Compound                      | R.T.           | QIon | Response   | Conc     | Units  | Dev(Min) |
|-------------------------------|----------------|------|------------|----------|--------|----------|
| -----                         |                |      |            |          |        |          |
| Internal Standards            |                |      |            |          |        |          |
| 1) Pentafluorobenzene         | 5.550          | 168  | 236049     | 50.000   | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene       | 6.763          | 114  | 384385     | 50.000   | ug/l   | 0.00     |
| 63) Chlorobenzene-d5          | 10.055         | 117  | 356432     | 50.000   | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4    | 12.024         | 152  | 177591     | 50.000   | ug/l   | 0.00     |
|                               |                |      |            |          |        |          |
| System Monitoring Compounds   |                |      |            |          |        |          |
| 33) 1,2-Dichloroethane-d4     | 5.952          | 65   | 138109     | 48.497   | ug/l   | 0.00     |
| Spiked Amount 50.000          | Range 78 - 117 |      | Recovery = | 97.000%  |        |          |
| 35) Dibromofluoromethane      | 5.385          | 113  | 113576     | 48.141   | ug/l   | 0.00     |
| Spiked Amount 50.000          | Range 75 - 124 |      | Recovery = | 96.280%  |        |          |
| 50) Toluene-d8                | 8.647          | 98   | 453745     | 50.983   | ug/l   | 0.00     |
| Spiked Amount 50.000          | Range 92 - 112 |      | Recovery = | 101.960% |        |          |
| 62) 4-Bromofluorobenzene      | 11.079         | 95   | 178446     | 53.300   | ug/l   | 0.00     |
| Spiked Amount 50.000          | Range 83 - 123 |      | Recovery = | 106.600% |        |          |
|                               |                |      |            |          |        |          |
| Target Compounds              |                |      |            |          |        |          |
|                               |                |      |            |          | Qvalue |          |
| 16) Acetone                   | 2.386          | 43   | 436        | 0.353    | ug/l   | 90       |
| 20) Methylene Chloride        | 2.788          | 84   | 1367       | 0.482    | ug/l # | 79       |
| 31) Cyclohexane               | 5.550          | 56   | 4144       | 1.026    | ug/l # | 1        |
| 36) 1,1-Dichloropropene       | 5.550          | 75   | 17015      | 4.619    | ug/l # | 50       |
| 38) Carbon Tetrachloride      | 5.550          | 117  | 22608      | 6.465    | ug/l # | 15       |
| 51) 4-Methyl-2-Pentanone      | 8.647          | 43   | 2105       | 0.606    | ug/l # | 1        |
| 76) 1,2,3-Trichloropropane    | 11.079         | 75   | 88157      | 24.885   | ug/l # | 35       |
| 81) trans-1,4-Dichloro-2-b... | 11.079         | 75   | 88157      | 80.599   | ug/l # | 8        |
| 84) 1,2,4-Trimethylbenzene    | 11.756         | 105  | 4052       | 0.368    | ug/l   | 97       |
| 89) n-Butylbenzene            | 12.329         | 91   | 2184       | 0.226    | ug/l # | 32       |
| 95) Naphthalene               | 13.780         | 128  | 10628      | 0.895    | ug/l # | 94       |
| -----                         |                |      |            |          |        |          |

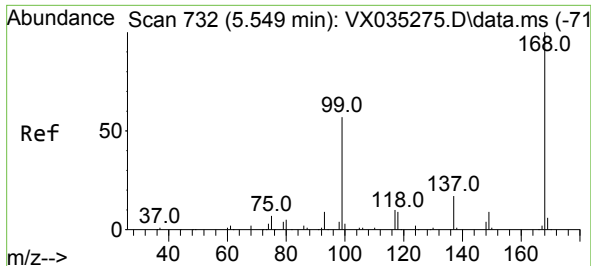
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX050123\  
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Sample : IBLK  
Misc : 5.0mL/MSVOA\_X/WATER  
ALS Vial : 15 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
IBLK

Quant Time: May 02 00:01:36 2023  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X042523W.M  
Quant Title : SW846 8260  
QLast Update : Tue Apr 25 16:31:40 2023  
Response via : Initial Calibration

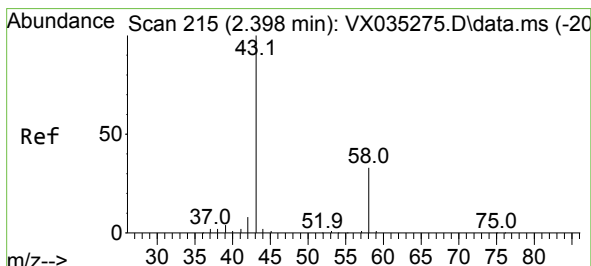
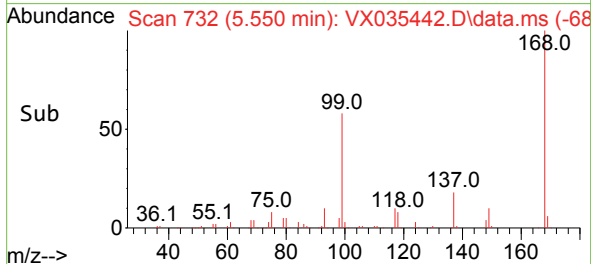
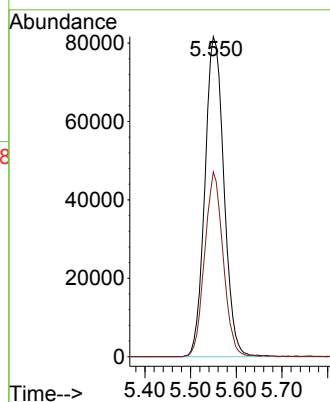
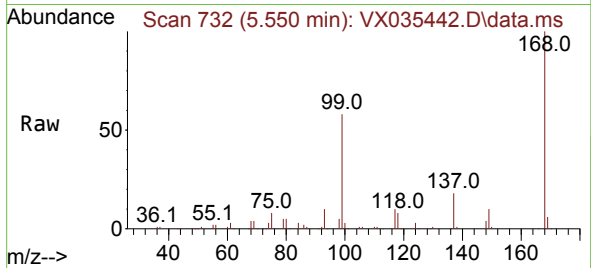




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.550 min Scan# 71  
Delta R.T. 0.001 min  
Lab File: VX035442.D  
Acq: 01 May 2023 15:54

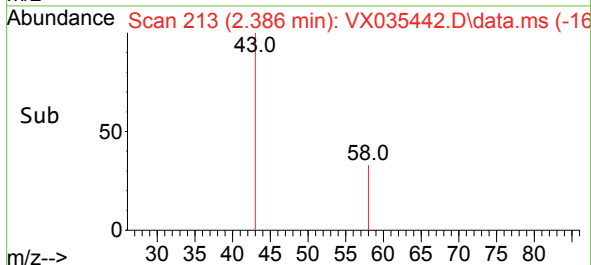
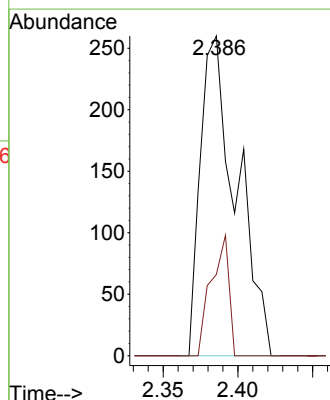
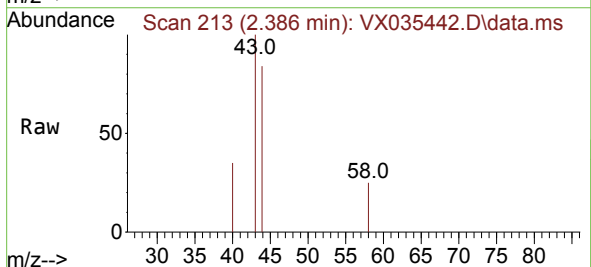
Instrument :  
MSVOA\_X  
ClientSampleId :  
IBLK

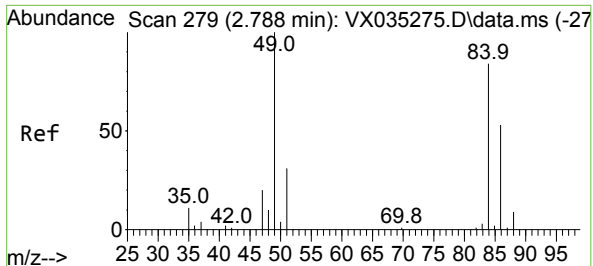
Tgt Ion:168 Resp: 236049  
Ion Ratio Lower Upper  
168 100  
99 57.8 45.7 68.5



#16  
Acetone  
Concen: 0.353 ug/l  
RT: 2.386 min Scan# 213  
Delta R.T. -0.012 min  
Lab File: VX035442.D  
Acq: 01 May 2023 15:54

Tgt Ion: 43 Resp: 436  
Ion Ratio Lower Upper  
43 100  
58 25.4 24.7 37.1





#20

Methylene Chloride

Concen: 0.482 ug/l

RT: 2.788 min Scan# 21

Delta R.T. -0.000 min

Lab File: VX035442.D

Acq: 01 May 2023 15:54

Instrument :

MSVOA\_X

ClientSampleId :

IBLK

Tgt Ion: 84 Resp: 1367

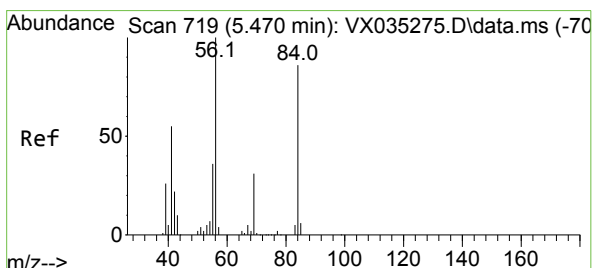
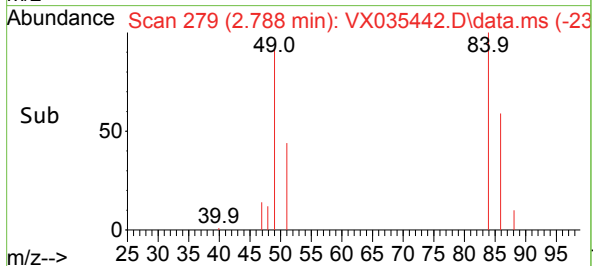
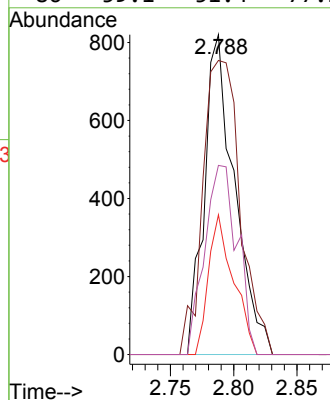
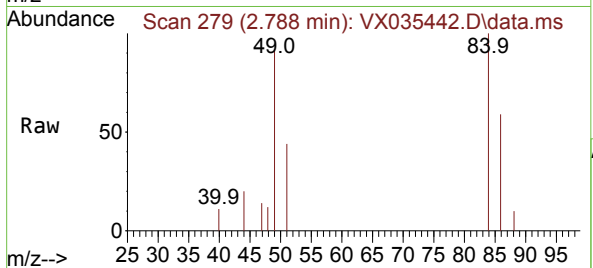
Ion Ratio Lower Upper

84 100

49 92.0 103.8 155.8#

51 43.7 31.8 47.8

86 59.1 51.4 77.2



#31

Cyclohexane

Concen: 1.026 ug/l

RT: 5.550 min Scan# 732

Delta R.T. 0.080 min

Lab File: VX035442.D

Acq: 01 May 2023 15:54

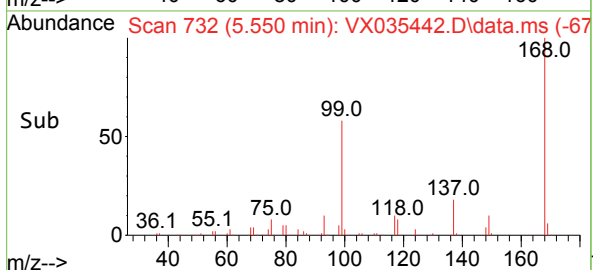
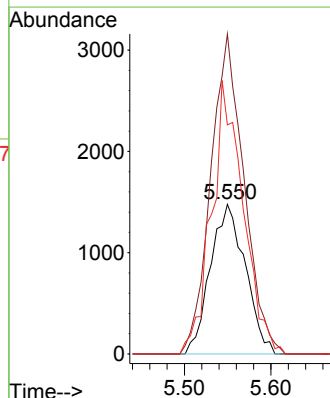
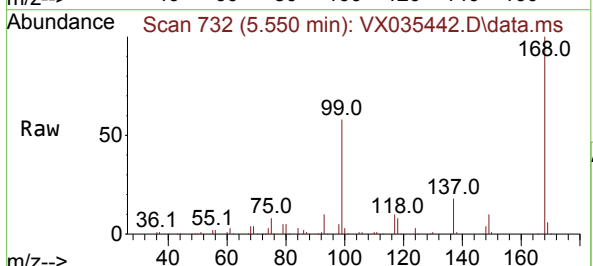
Tgt Ion: 56 Resp: 4144

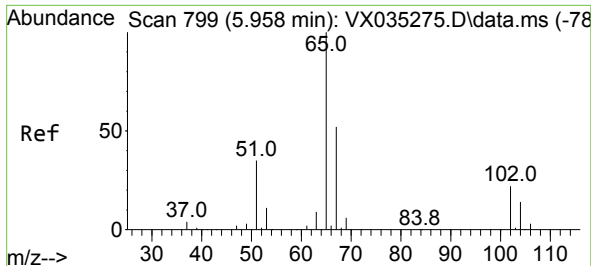
Ion Ratio Lower Upper

56 100

69 213.8 23.7 35.5#

84 153.1 68.5 102.7#

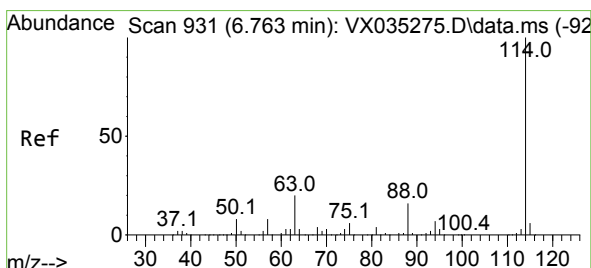
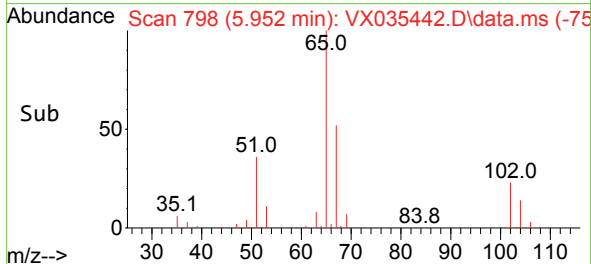
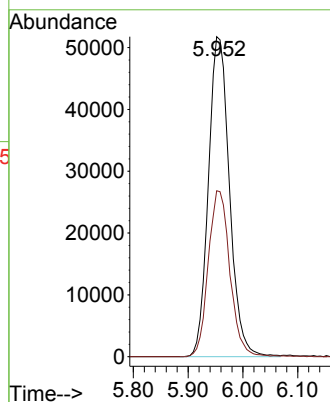
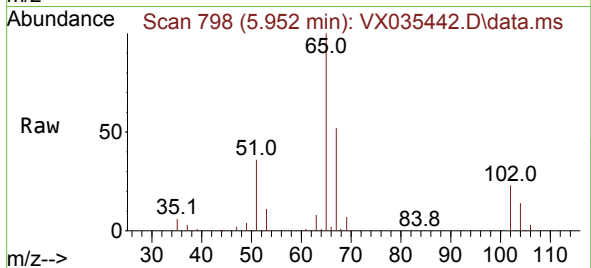




#33  
1,2-Dichloroethane-d4  
Concen: 48.497 ug/l  
RT: 5.952 min Scan# 799  
Delta R.T. -0.006 min  
Lab File: VX035442.D  
Acq: 01 May 2023 15:54

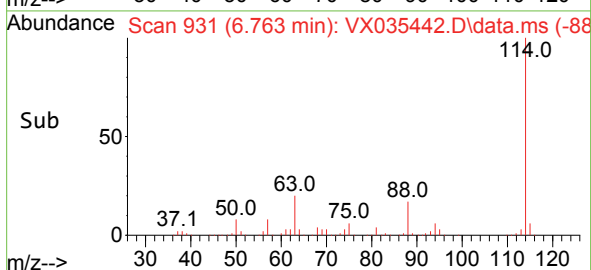
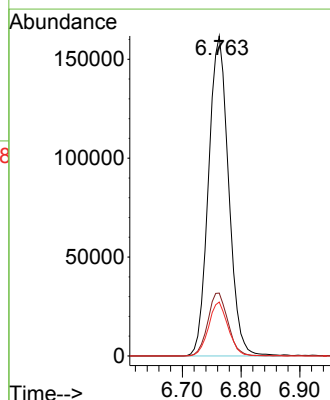
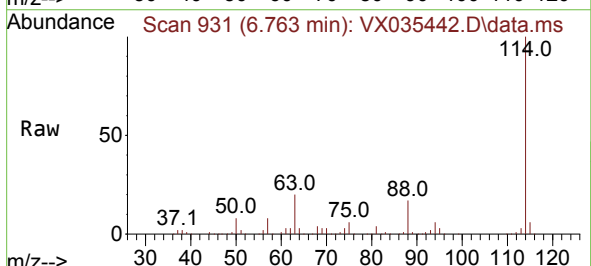
Instrument :  
MSVOA\_X  
ClientSampleId :  
IBLK

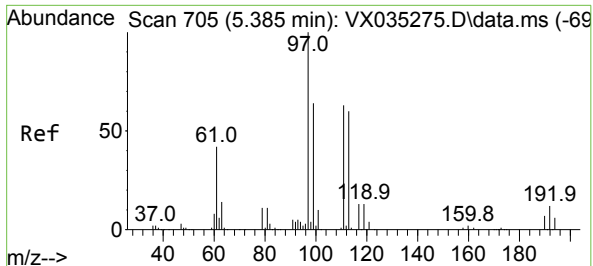
Tgt Ion: 65 Resp: 138109  
Ion Ratio Lower Upper  
65 100  
67 53.4 0.0 104.0



#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 6.763 min Scan# 931  
Delta R.T. -0.000 min  
Lab File: VX035442.D  
Acq: 01 May 2023 15:54

Tgt Ion: 114 Resp: 384385  
Ion Ratio Lower Upper  
114 100  
63 19.7 0.0 42.2  
88 16.8 0.0 33.2

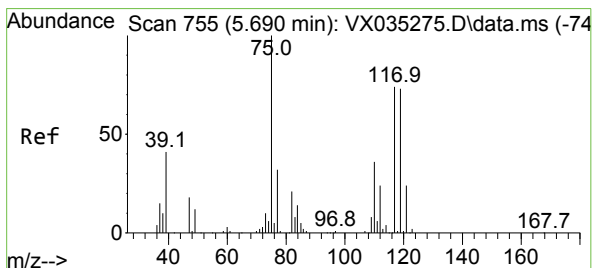
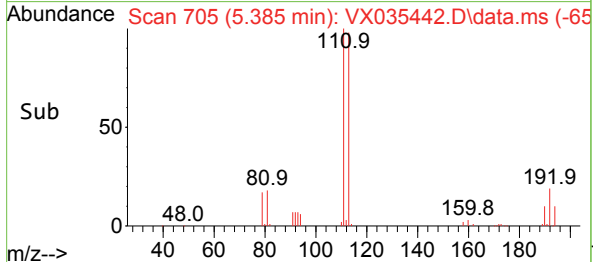
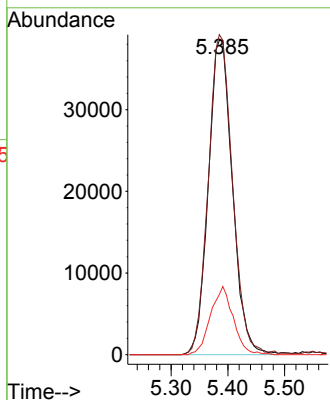
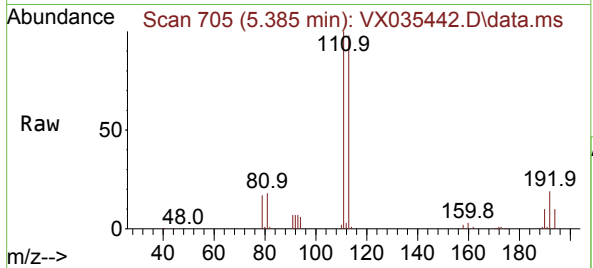




#35  
Dibromofluoromethane  
Concen: 48.141 ug/l  
RT: 5.385 min Scan# 705  
Delta R.T. 0.000 min  
Lab File: VX035442.D  
Acq: 01 May 2023 15:54

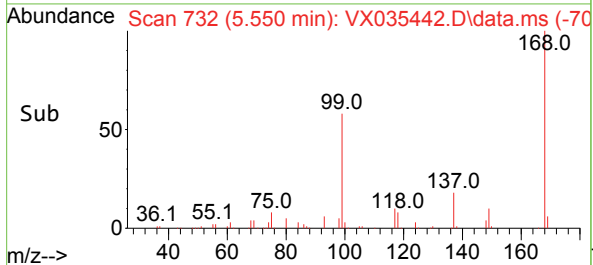
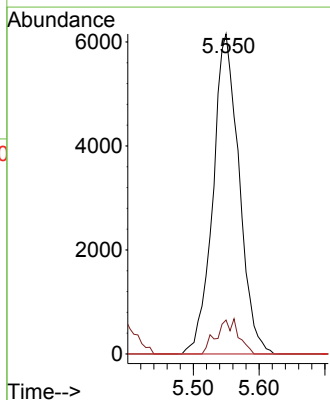
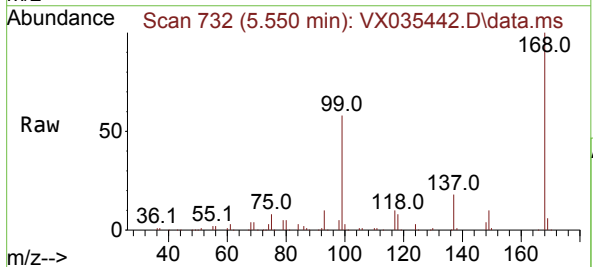
Instrument :  
MSVOA\_X  
ClientSampleId :  
IBLK

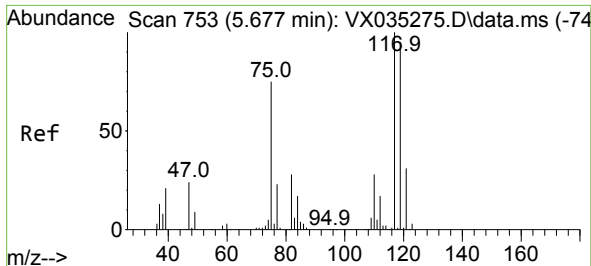
Tgt Ion:113 Resp: 113576  
Ion Ratio Lower Upper  
113 100  
111 102.2 83.7 125.5  
192 20.5 15.4 23.2



#36  
1,1-Dichloropropene  
Concen: 4.619 ug/l  
RT: 5.550 min Scan# 732  
Delta R.T. -0.140 min  
Lab File: VX035442.D  
Acq: 01 May 2023 15:54

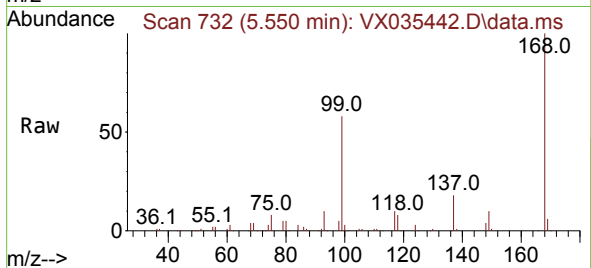
Tgt Ion: 75 Resp: 17015  
Ion Ratio Lower Upper  
75 100  
110 9.2 17.5 52.5#  
77 0.0 24.3 36.5#



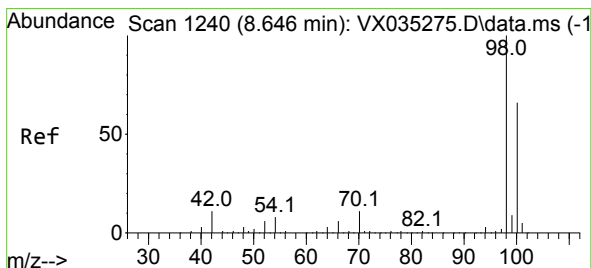
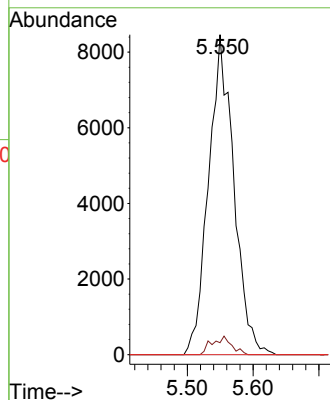
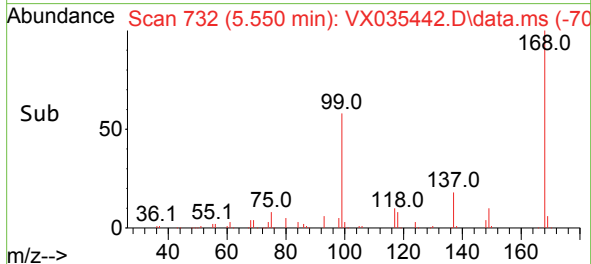


#38  
Carbon Tetrachloride  
Concen: 6.465 ug/l  
RT: 5.550 min Scan# 71  
Delta R.T. -0.127 min  
Lab File: VX035442.D  
Acq: 01 May 2023 15:54

Instrument :  
MSVOA\_X  
ClientSampleId :  
IBLK

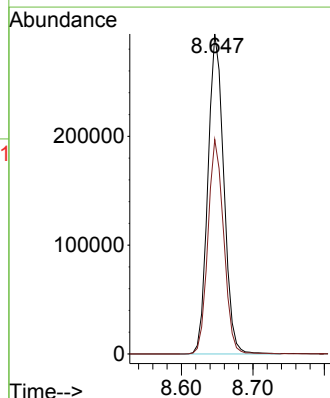
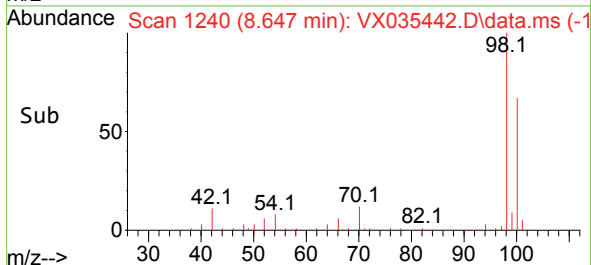
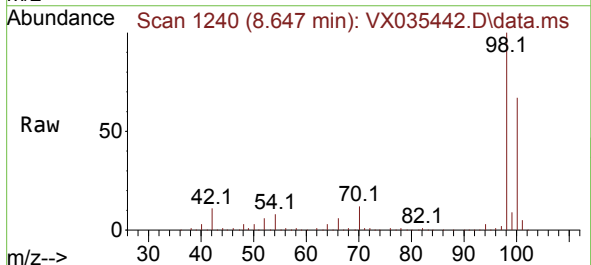


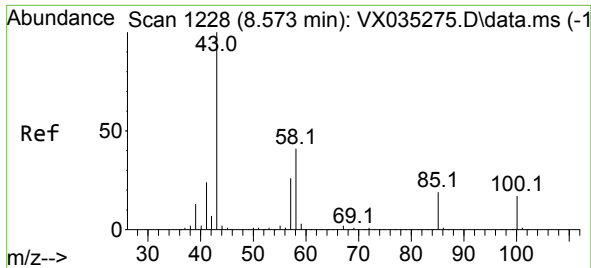
Tgt Ion:117 Resp: 22608  
Ion Ratio Lower Upper  
117 100  
119 3.8 76.6 114.8#  
121 0.0 23.8 35.6#



#50  
Toluene-d8  
Concen: 50.983 ug/l  
RT: 8.647 min Scan# 1240  
Delta R.T. 0.001 min  
Lab File: VX035442.D  
Acq: 01 May 2023 15:54

Tgt Ion: 98 Resp: 453745  
Ion Ratio Lower Upper  
98 100  
100 66.4 52.5 78.7

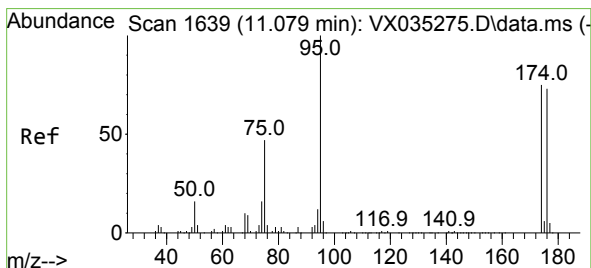
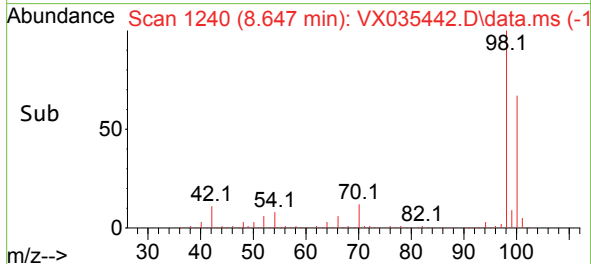
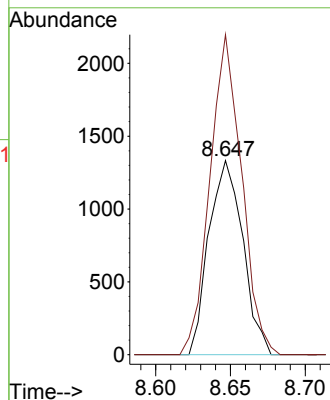
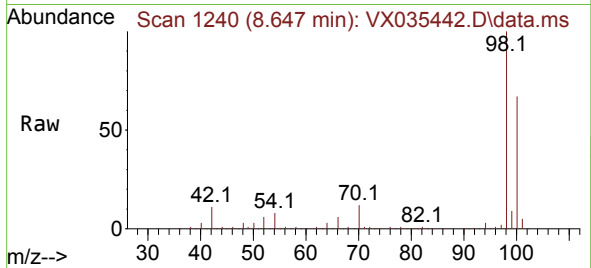




#51  
4-Methyl-2-Pentanone  
Concen: 0.606 ug/l  
RT: 8.647 min Scan# 1240  
Delta R.T. 0.074 min  
Lab File: VX035442.D  
Acq: 01 May 2023 15:54

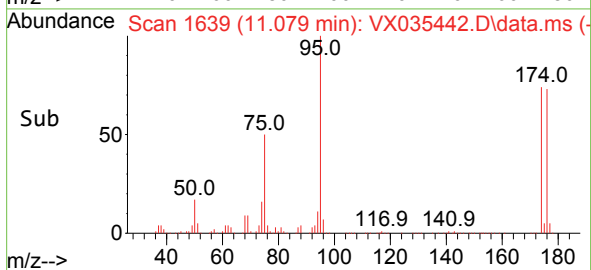
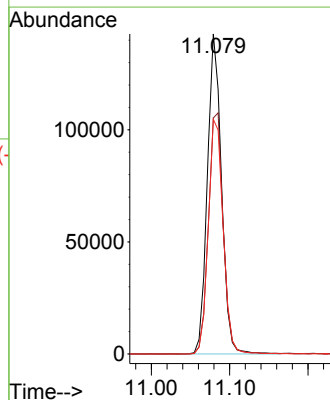
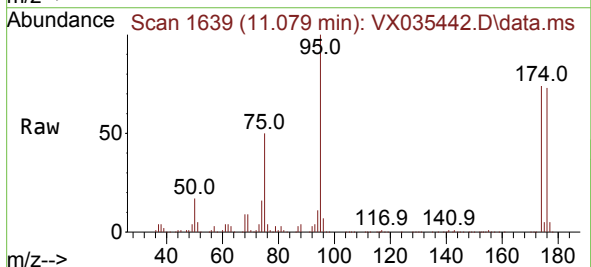
Instrument :  
MSVOA\_X  
ClientSampleId :  
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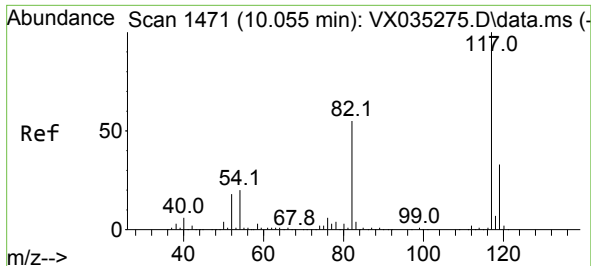
Tgt Ion: 43 Resp: 2105  
Ion Ratio Lower Upper  
43 100  
58 154.0 30.6 46.0#



#62  
4-Bromofluorobenzene  
Concen: 53.300 ug/l  
RT: 11.079 min Scan# 1639  
Delta R.T. 0.000 min  
Lab File: VX035442.D  
Acq: 01 May 2023 15:54

Tgt Ion: 95 Resp: 178446  
Ion Ratio Lower Upper  
95 100  
174 78.9 0.0 147.4  
176 77.0 0.0 140.6

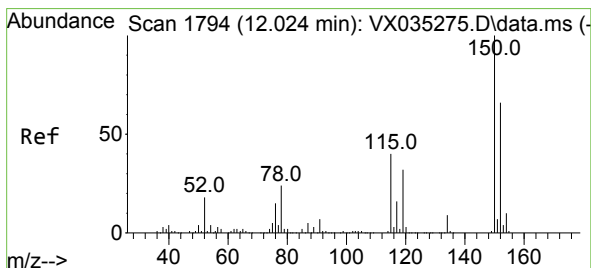
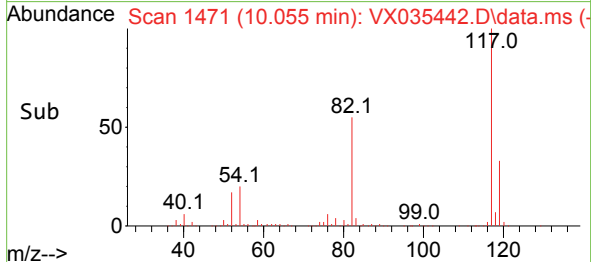
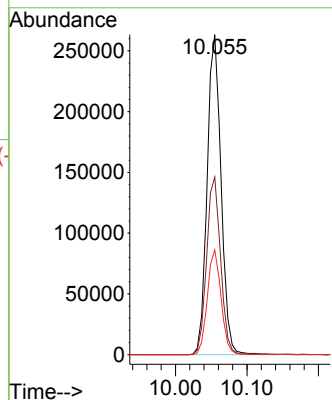
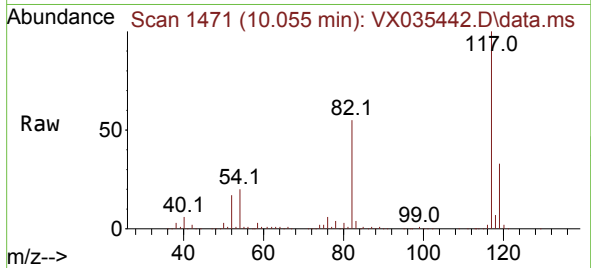




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.055 min Scan# 1471  
Delta R.T. -0.000 min  
Lab File: VX035442.D  
Acq: 01 May 2023 15:54

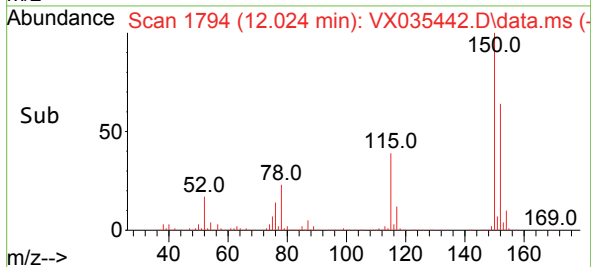
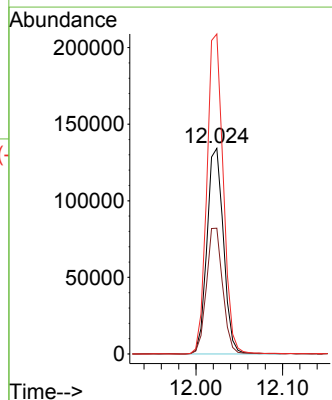
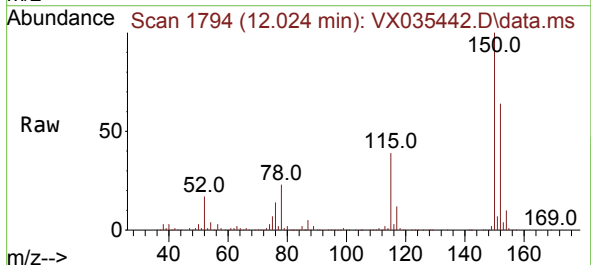
Instrument :  
MSVOA\_X  
ClientSampleId :  
IBLK

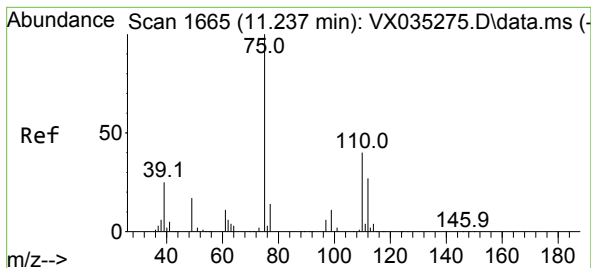
Tgt Ion:117 Resp: 356432  
Ion Ratio Lower Upper  
117 100  
82 55.5 45.0 67.4  
119 32.7 26.0 39.0



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 12.024 min Scan# 1794  
Delta R.T. 0.000 min  
Lab File: VX035442.D  
Acq: 01 May 2023 15:54

Tgt Ion:152 Resp: 177591  
Ion Ratio Lower Upper  
152 100  
115 60.7 45.0 135.0  
150 154.9 0.0 352.4





#76

1,2,3-Trichloropropane

Concen: 24.885 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.158 min

Lab File: VX035442.D

Acq: 01 May 2023 15:54

Instrument :

MSVOA\_X

ClientSampleId :

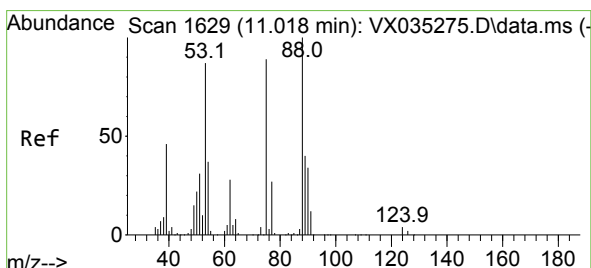
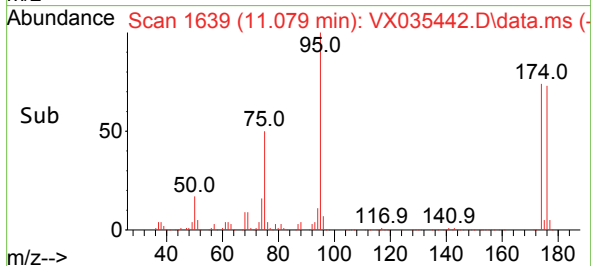
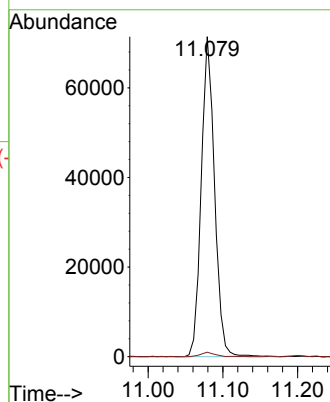
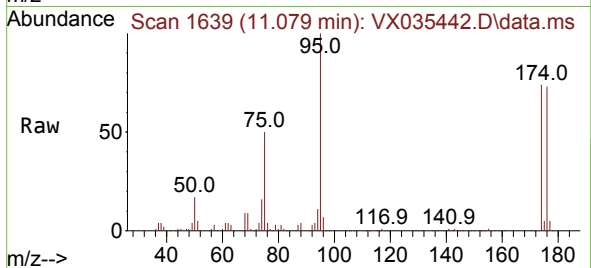
IBLK

Tgt Ion: 75 Resp: 88157

Ion Ratio Lower Upper

75 100

77 1.6 21.6 64.8#



#81

trans-1,4-Dichloro-2-butene

Concen: 80.599 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX035442.D

Acq: 01 May 2023 15:54

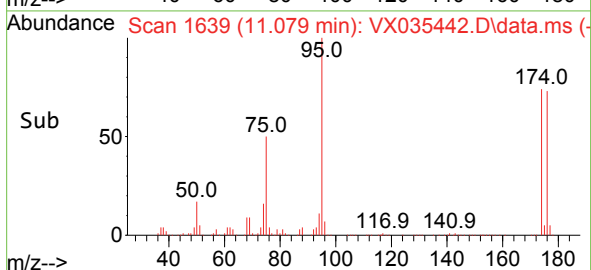
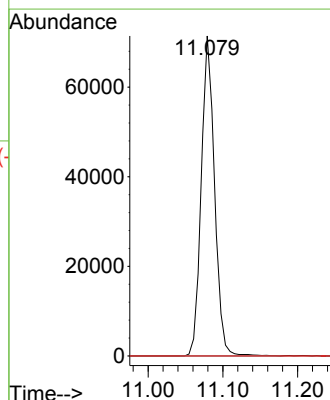
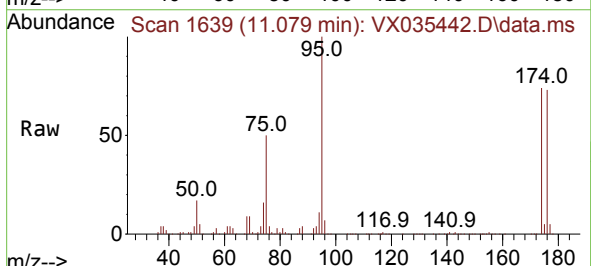
Tgt Ion: 75 Resp: 88157

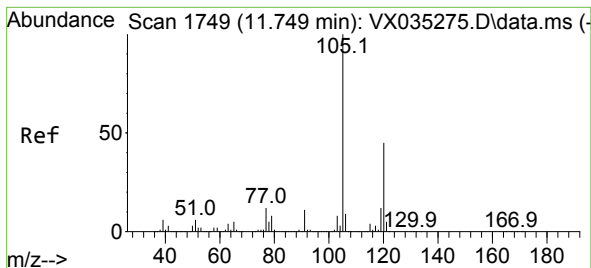
Ion Ratio Lower Upper

75 100

53 0.0 82.6 124.0#

89 0.0 36.9 55.3#





#84

1,2,4-Trimethylbenzene

Concen: 0.368 ug/l

RT: 11.756 min Scan# 11

Delta R.T. 0.007 min

Lab File: VX035442.D

Acq: 01 May 2023 15:54

Instrument :

MSVOA\_X

ClientSampleId :

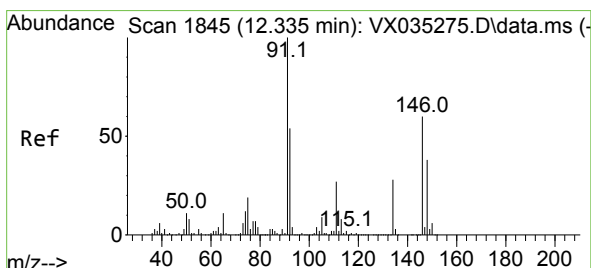
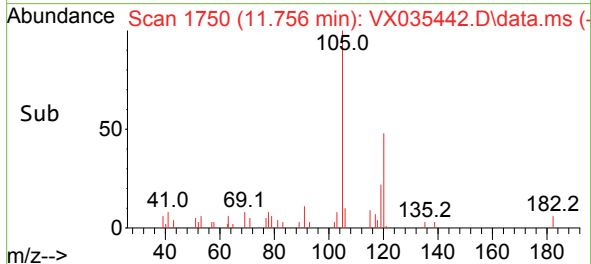
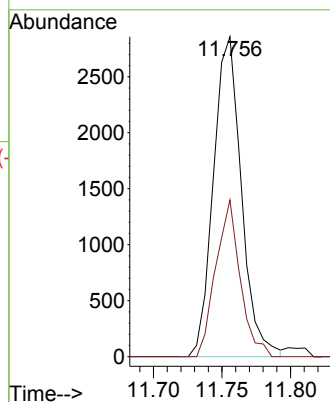
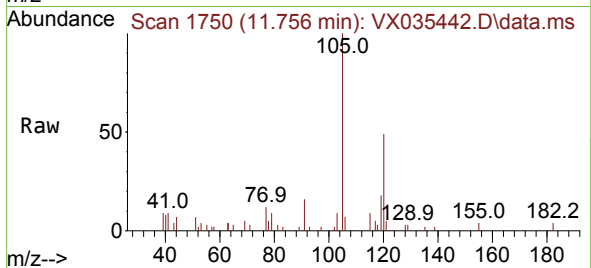
IBLK

Tgt Ion:105 Resp: 4052

Ion Ratio Lower Upper

105 100

120 42.7 22.4 67.0



#89

n-Butylbenzene

Concen: 0.226 ug/l

RT: 12.329 min Scan# 1844

Delta R.T. -0.006 min

Lab File: VX035442.D

Acq: 01 May 2023 15:54

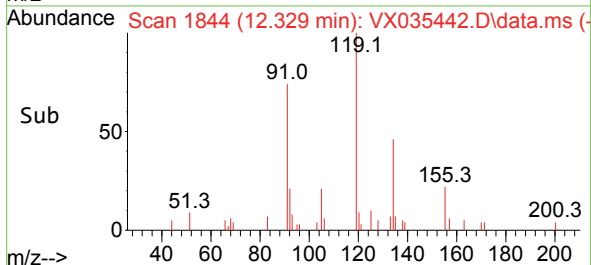
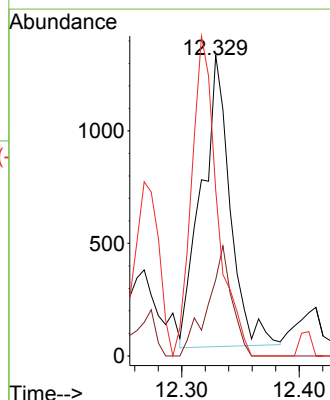
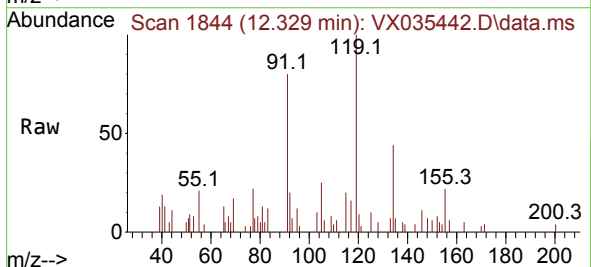
Tgt Ion: 91 Resp: 2184

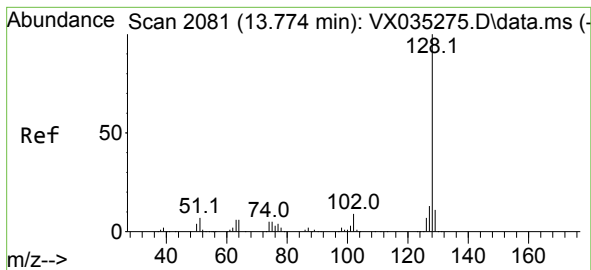
Ion Ratio Lower Upper

91 100

92 31.9 27.7 83.0

134 98.6 13.0 38.9#





#95

Naphthalene

Concen: 0.895 ug/l

RT: 13.780 min Scan# 20

Delta R.T. 0.006 min

Lab File: VX035442.D

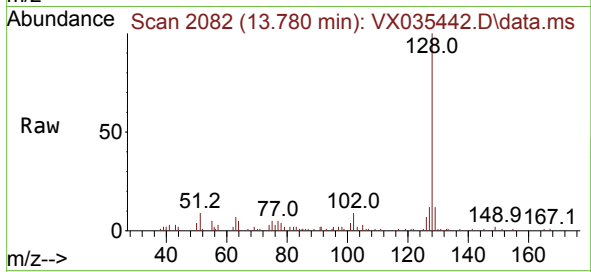
Acq: 01 May 2023 15:54

Instrument :

MSVOA\_X

ClientSampleId :

IBLK



Tgt Ion:128 Resp: 10628

Ion Ratio Lower Upper

128 100

127 14.0 10.2 15.4

129 14.6 8.6 13.0#

