

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX082622\  
 Data File : VX030832.D  
 Acq On : 26 Aug 2022 18:13  
 Operator : JC/MD  
 Sample : N4262-05  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 22 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 MW-101I

Quant Time: Aug 27 02:41:05 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X082522W.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Aug 26 02:03:28 2022  
 Response via : Initial Calibration

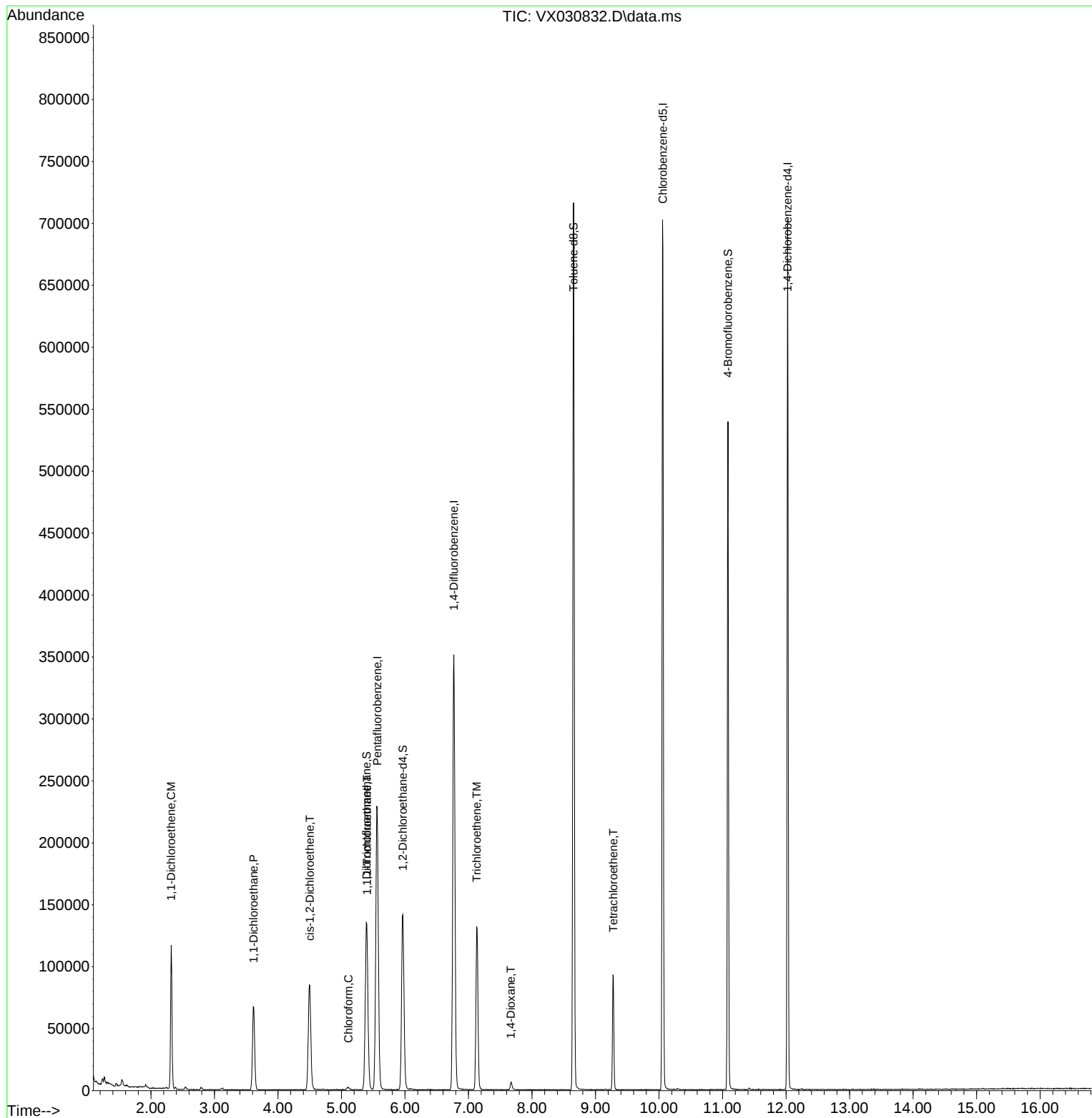
| Compound                    | R.T.   | QIon     | Response | Conc   | Units    | Dev(Min) |
|-----------------------------|--------|----------|----------|--------|----------|----------|
| -----                       |        |          |          |        |          |          |
| Internal Standards          |        |          |          |        |          |          |
| 1) Pentafluorobenzene       | 5.562  | 168      | 215868   | 50.000 | ug/l     | 0.00     |
| 34) 1,4-Difluorobenzene     | 6.769  | 114      | 362261   | 50.000 | ug/l     | 0.00     |
| 63) Chlorobenzene-d5        | 10.061 | 117      | 327474   | 50.000 | ug/l     | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 12.024 | 152      | 141842   | 50.000 | ug/l     | 0.00     |
| System Monitoring Compounds |        |          |          |        |          |          |
| 33) 1,2-Dichloroethane-d4   | 5.964  | 65       | 137429   | 54.123 | ug/l     | 0.00     |
| Spiked Amount 50.000        | Range  | 74 - 125 | Recovery | =      | 108.240% |          |
| 35) Dibromofluoromethane    | 5.397  | 113      | 115176   | 51.732 | ug/l     | 0.00     |
| Spiked Amount 50.000        | Range  | 75 - 124 | Recovery | =      | 103.460% |          |
| 50) Toluene-d8              | 8.652  | 98       | 429091   | 55.308 | ug/l     | 0.00     |
| Spiked Amount 50.000        | Range  | 86 - 113 | Recovery | =      | 110.620% |          |
| 62) 4-Bromofluorobenzene    | 11.085 | 95       | 140985   | 48.811 | ug/l     | 0.00     |
| Spiked Amount 50.000        | Range  | 83 - 123 | Recovery | =      | 97.620%  |          |
| Target Compounds            |        |          |          |        |          |          |
|                             |        |          |          |        | Qvalue   |          |
| 12) 1,1-Dichloroethene      | 2.318  | 96       | 37037    | 18.927 | ug/l     | 92       |
| 24) 1,1-Dichloroethane      | 3.617  | 63       | 77547    | 18.812 | ug/l     | 98       |
| 27) cis-1,2-Dichloroethene  | 4.501  | 96       | 54716    | 21.071 | ug/l     | 97       |
| 30) Chloroform              | 5.110  | 83       | 2567     | 0.592  | ug/l     | 98       |
| 32) 1,1,1-Trichloroethane   | 5.403  | 97       | 6309     | 1.799  | ug/l     | 99       |
| 44) Trichloroethene         | 7.128  | 130      | 52651    | 20.092 | ug/l     | 96       |
| 49) 1,4-Dioxane             | 7.665  | 88       | 4982     | 74.849 | ug/l     | 98       |
| 64) Tetrachloroethene       | 9.280  | 164      | 17973    | 6.967  | ug/l     | 92       |
| -----                       |        |          |          |        |          |          |

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

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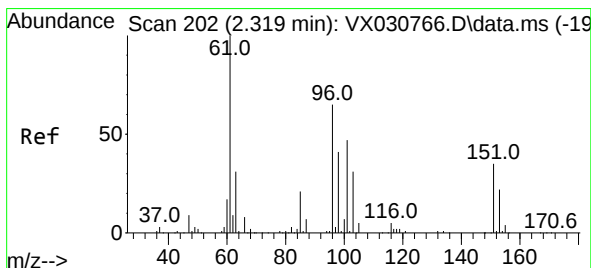
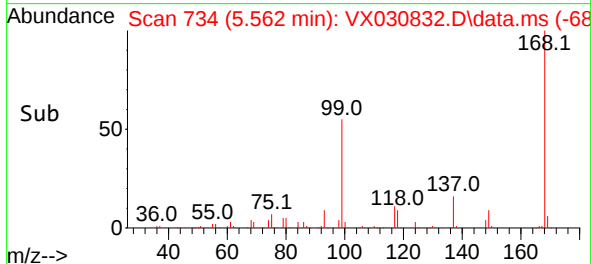
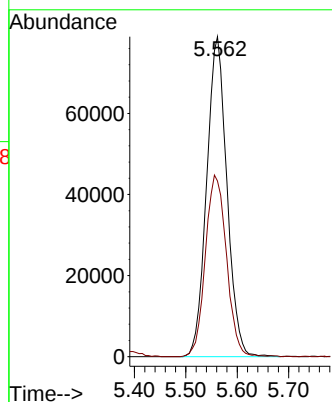
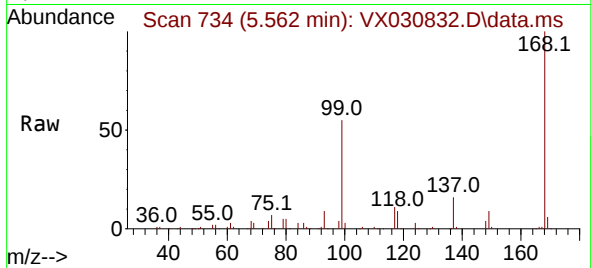




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.562 min Scan# 71  
Delta R.T. 0.006 min  
Lab File: VX030832.D  
Acq: 26 Aug 2022 18:13

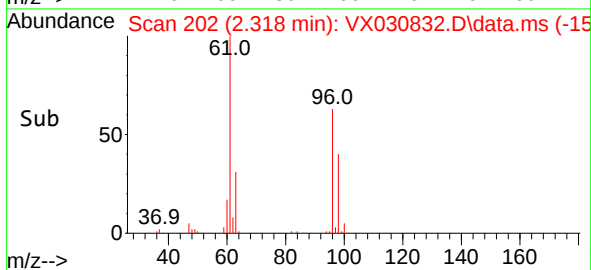
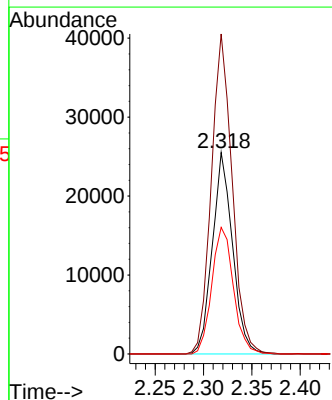
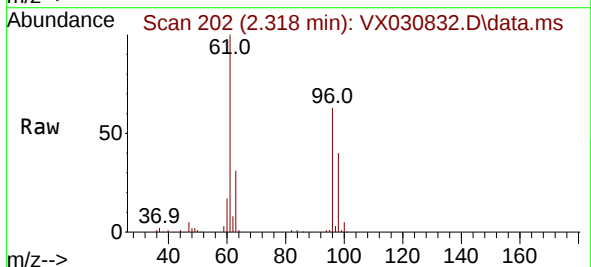
Instrument :  
MSVOA\_X  
ClientSampleId :  
MW-101I

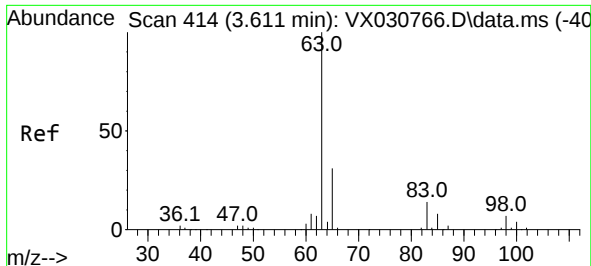
Tgt Ion:168 Resp: 215868  
Ion Ratio Lower Upper  
168 100  
99 54.9 44.0 66.0



#12  
1,1-Dichloroethene  
Concen: 18.927 ug/l  
RT: 2.318 min Scan# 202  
Delta R.T. -0.001 min  
Lab File: VX030832.D  
Acq: 26 Aug 2022 18:13

Tgt Ion: 96 Resp: 37037  
Ion Ratio Lower Upper  
96 100  
61 158.9 117.4 176.0  
98 62.8 52.2 78.4

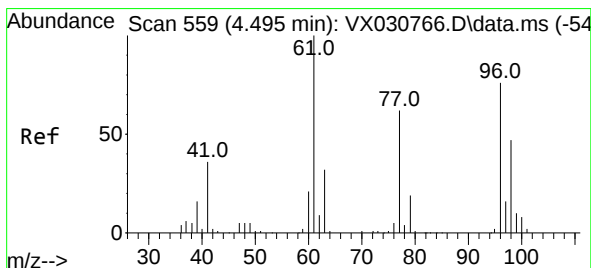
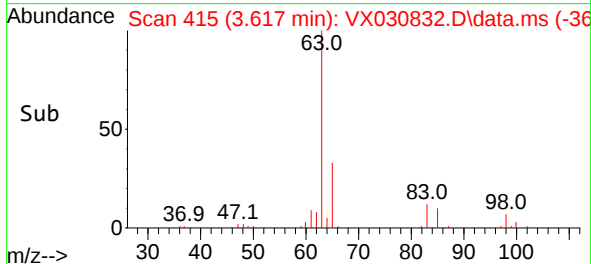
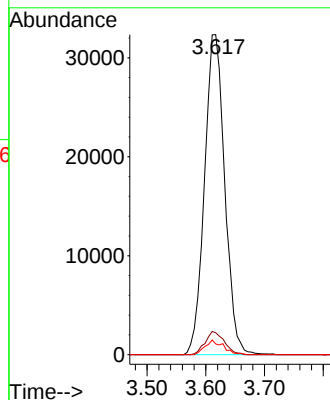
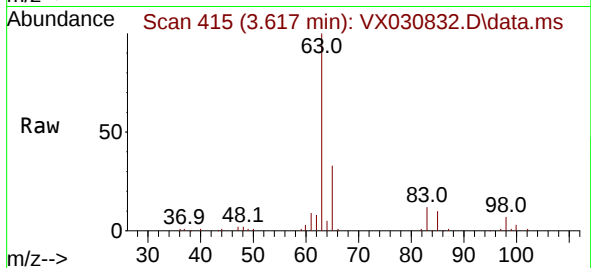




#24  
1,1-Dichloroethane  
Concen: 18.812 ug/l  
RT: 3.617 min Scan# 41  
Delta R.T. 0.006 min  
Lab File: VX030832.D  
Acq: 26 Aug 2022 18:13

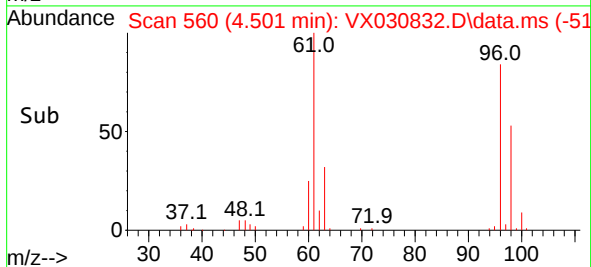
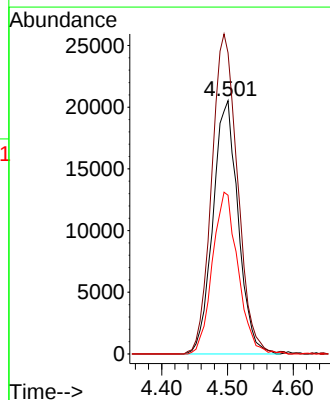
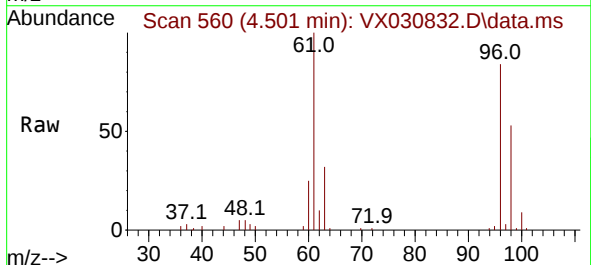
Instrument :  
MSVOA\_X  
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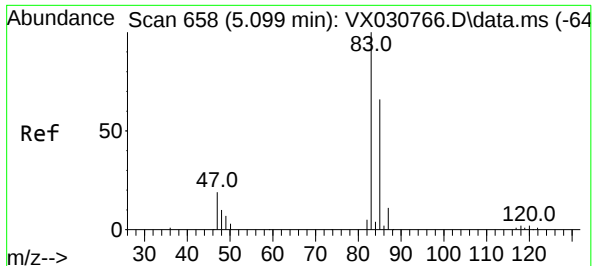
Tgt Ion: 63 Resp: 77547  
Ion Ratio Lower Upper  
63 100  
98 6.8 3.5 10.5  
100 3.3 2.3 6.9



#27  
cis-1,2-Dichloroethene  
Concen: 21.071 ug/l  
RT: 4.501 min Scan# 560  
Delta R.T. 0.006 min  
Lab File: VX030832.D  
Acq: 26 Aug 2022 18:13

Tgt Ion: 96 Resp: 54716  
Ion Ratio Lower Upper  
96 100  
61 129.9 0.0 270.0  
98 64.8 0.0 127.8





#30

Chloroform

Concen: 0.592 ug/l

RT: 5.110 min Scan# 6

Delta R.T. 0.011 min

Lab File: VX030832.D

Acq: 26 Aug 2022 18:13

Instrument :

MSVOA\_X

ClientSampleId :

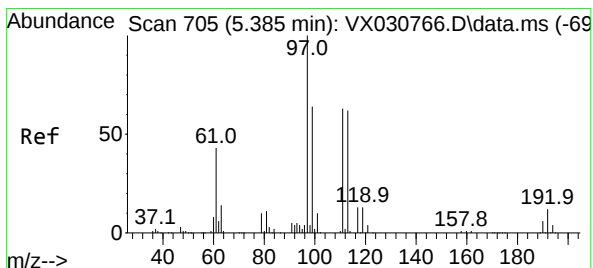
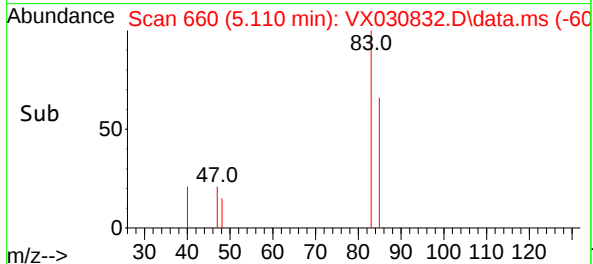
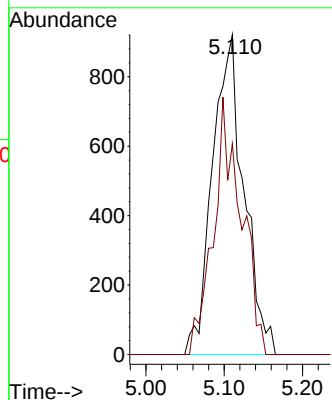
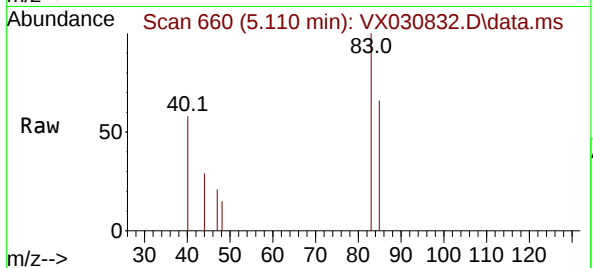
MW-101I

Tgt Ion: 83 Resp: 2567

Ion Ratio Lower Upper

83 100

85 65.9 51.5 77.3



#32

1,1,1-Trichloroethane

Concen: 1.799 ug/l

RT: 5.403 min Scan# 708

Delta R.T. 0.018 min

Lab File: VX030832.D

Acq: 26 Aug 2022 18:13

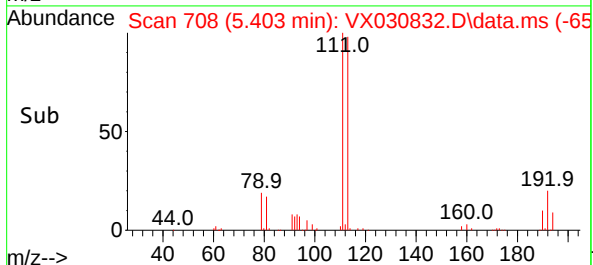
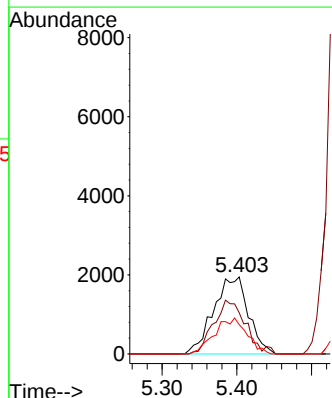
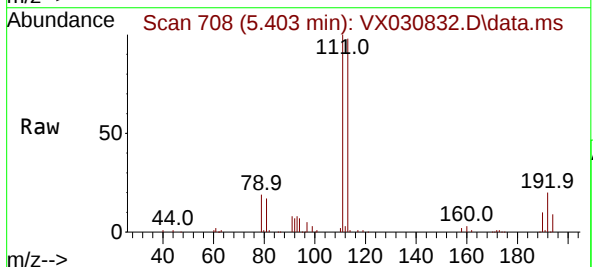
Tgt Ion: 97 Resp: 6309

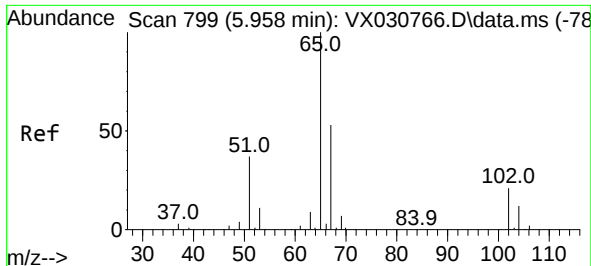
Ion Ratio Lower Upper

97 100

99 63.5 51.4 77.0

61 43.5 35.8 53.8





#33

1,2-Dichloroethane-d4

Concen: 54.123 ug/l

RT: 5.964 min Scan# 800

Delta R.T. 0.006 min

Lab File: VX030832.D

Acq: 26 Aug 2022 18:13

Instrument :

MSVOA\_X

ClientSampleId :

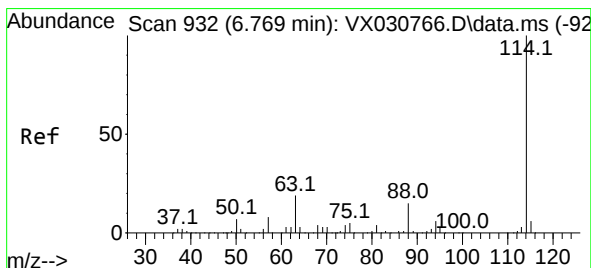
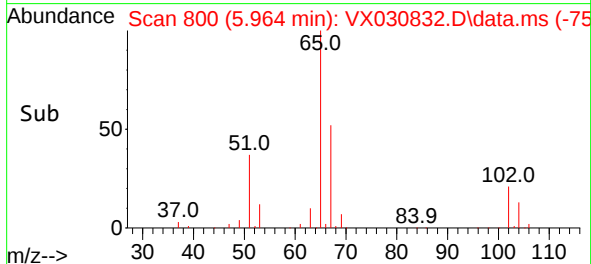
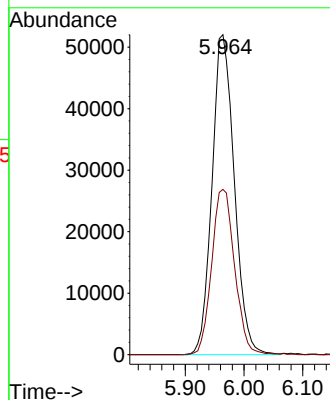
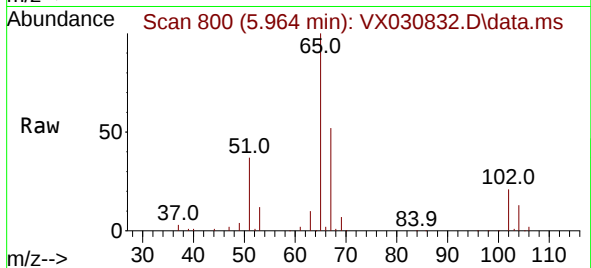
MW-101I

Tgt Ion: 65 Resp: 137429

Ion Ratio Lower Upper

65 100

67 53.2 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.769 min Scan# 932

Delta R.T. -0.000 min

Lab File: VX030832.D

Acq: 26 Aug 2022 18:13

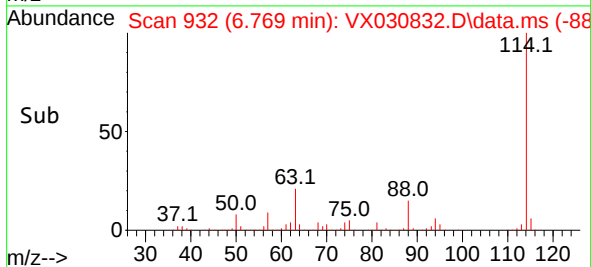
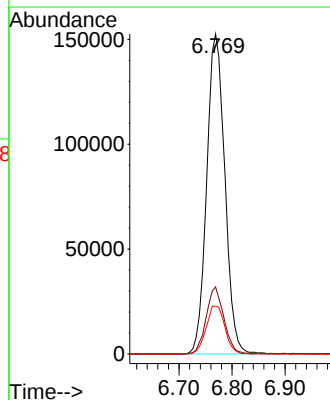
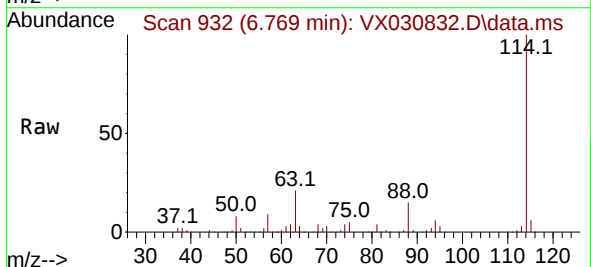
Tgt Ion: 114 Resp: 362261

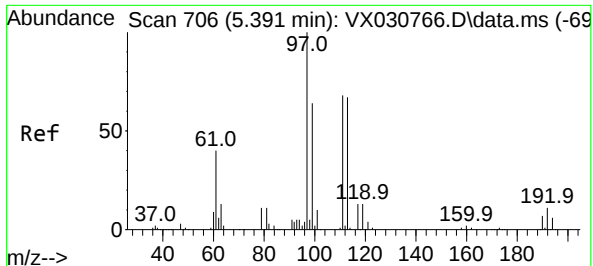
Ion Ratio Lower Upper

114 100

63 21.0 0.0 38.4

88 14.9 0.0 31.8





#35

Dibromofluoromethane

Concen: 51.732 ug/l

RT: 5.397 min Scan# 706

Delta R.T. 0.006 min

Lab File: VX030832.D

Acq: 26 Aug 2022 18:13

Instrument :

MSVOA\_X

ClientSampleId :

MW-101I

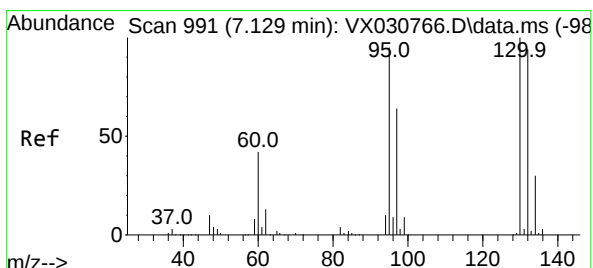
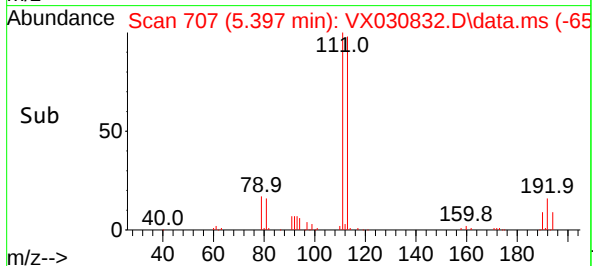
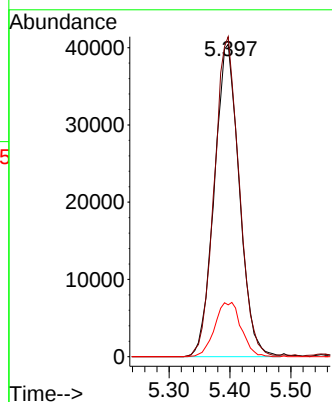
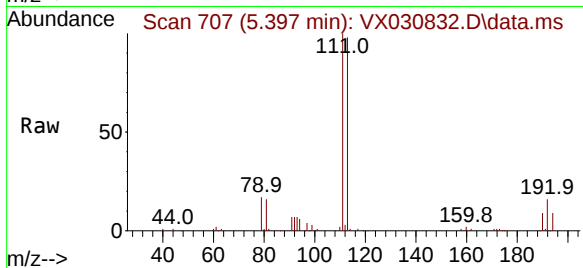
Tgt Ion:113 Resp: 115176

Ion Ratio Lower Upper

113 100

111 101.5 83.2 124.8

192 18.4 14.8 22.2



#44

Trichloroethene

Concen: 20.092 ug/l

RT: 7.128 min Scan# 991

Delta R.T. -0.001 min

Lab File: VX030832.D

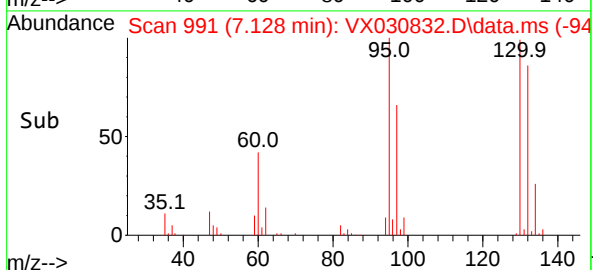
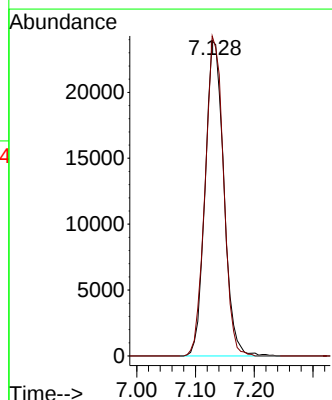
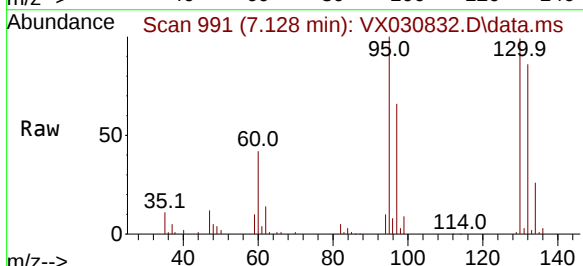
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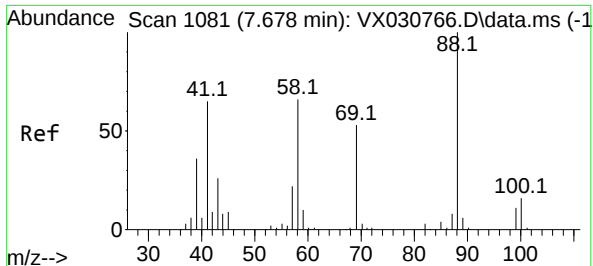
Tgt Ion:130 Resp: 52651

Ion Ratio Lower Upper

130 100

95 101.5 0.0 194.8





#49

1,4-Dioxane

Concen: 74.849 ug/l

RT: 7.665 min Scan# 1079

Delta R.T. -0.013 min

Lab File: VX030832.D

Acq: 26 Aug 2022 18:13

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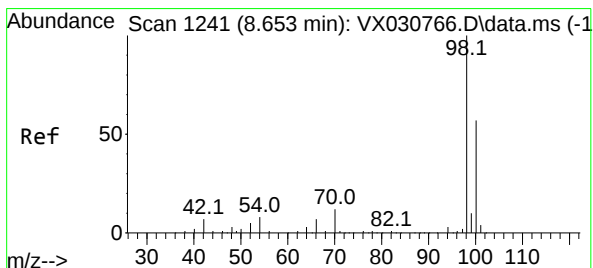
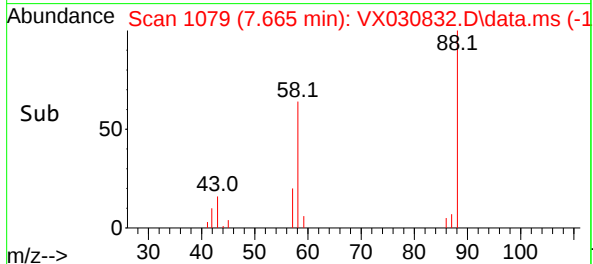
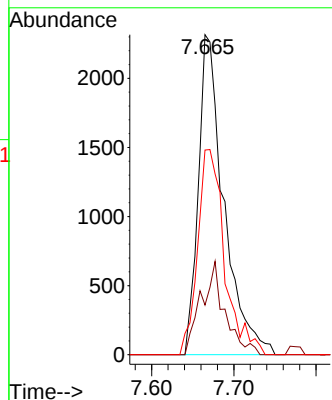
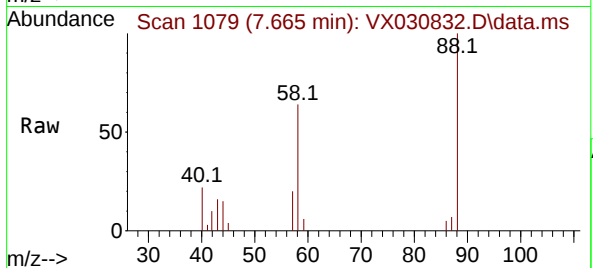
Tgt Ion: 88 Resp: 4982

Ion Ratio Lower Upper

88 100

43 27.2 23.8 35.8

58 67.7 53.8 80.6



#50

Toluene-d8

Concen: 55.308 ug/l

RT: 8.652 min Scan# 1241

Delta R.T. -0.001 min

Lab File: VX030832.D

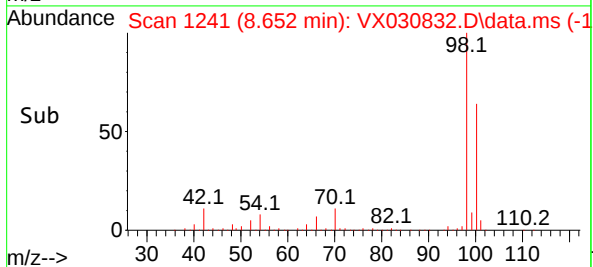
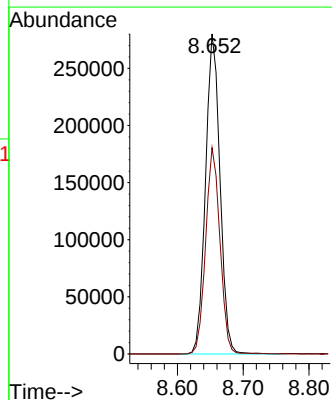
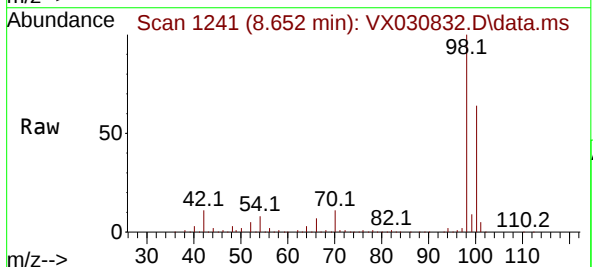
Acq: 26 Aug 2022 18:13

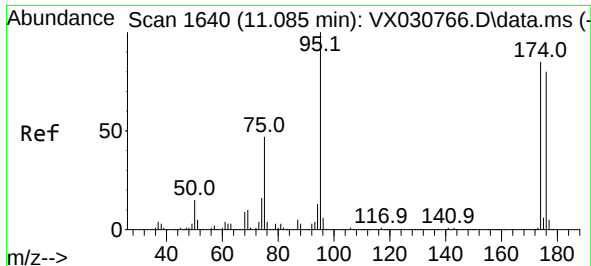
Tgt Ion: 98 Resp: 429091

Ion Ratio Lower Upper

98 100

100 63.8 52.3 78.5

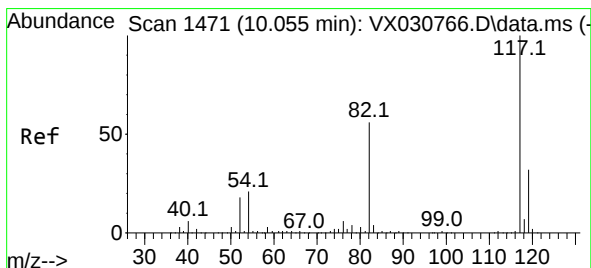
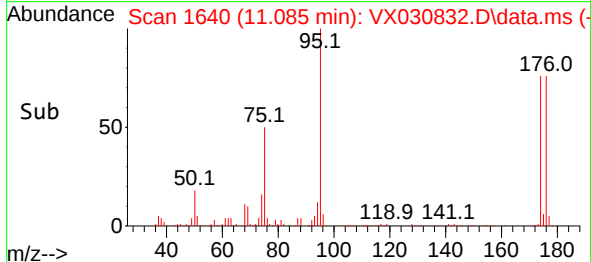
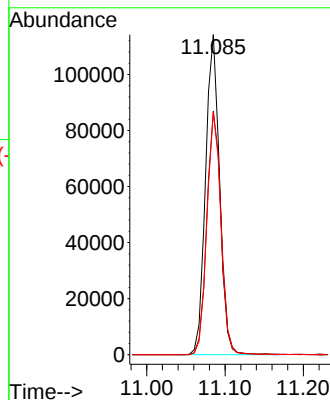
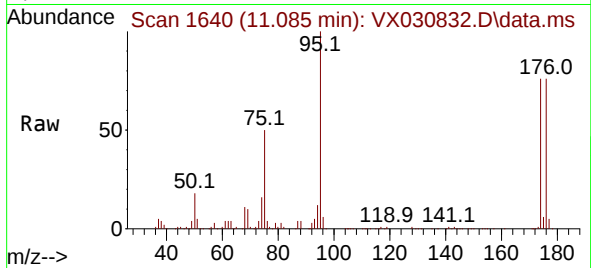




#62  
4-Bromofluorobenzene  
Concen: 48.811 ug/l  
RT: 11.085 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VX030832.D  
Acq: 26 Aug 2022 18:13

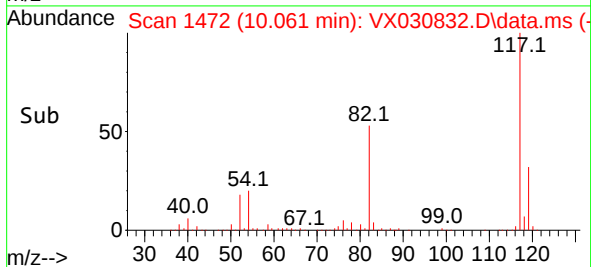
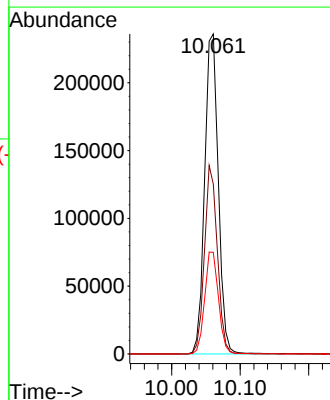
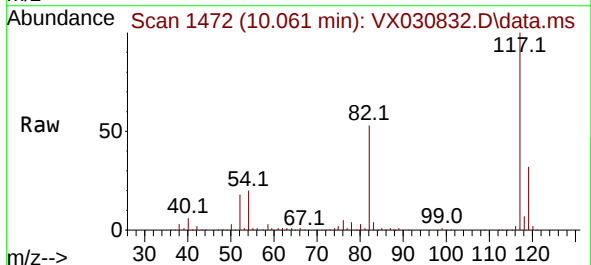
Instrument :  
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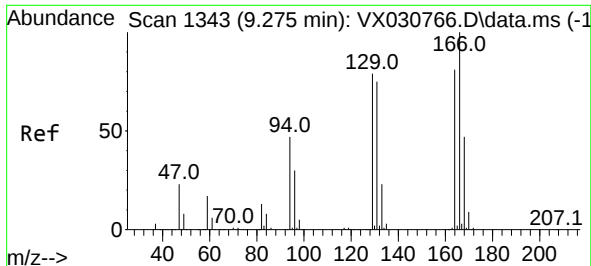
Tgt Ion: 95 Resp: 140985  
Ion Ratio Lower Upper  
95 100  
174 77.7 0.0 149.0  
176 75.5 0.0 146.0



#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.061 min Scan# 1472  
Delta R.T. 0.006 min  
Lab File: VX030832.D  
Acq: 26 Aug 2022 18:13

Tgt Ion: 117 Resp: 327474  
Ion Ratio Lower Upper  
117 100  
82 53.1 42.7 64.1  
119 31.7 25.4 38.2

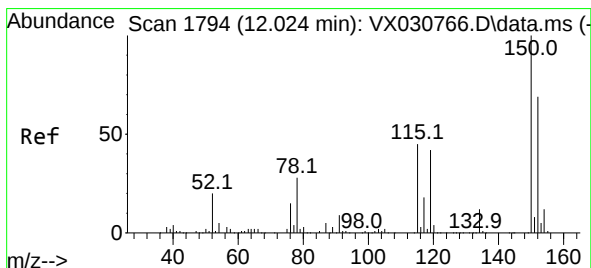
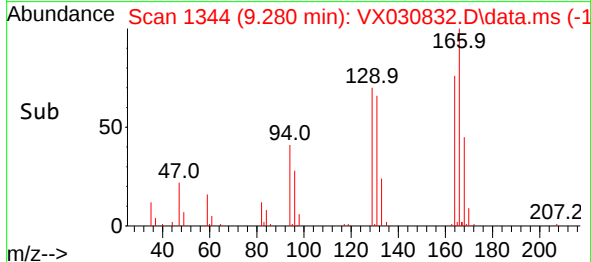
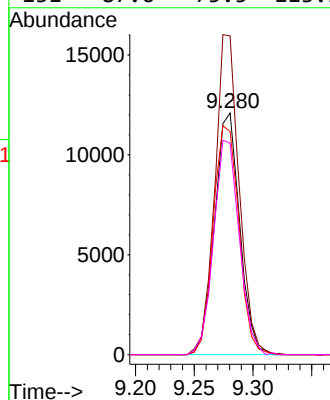
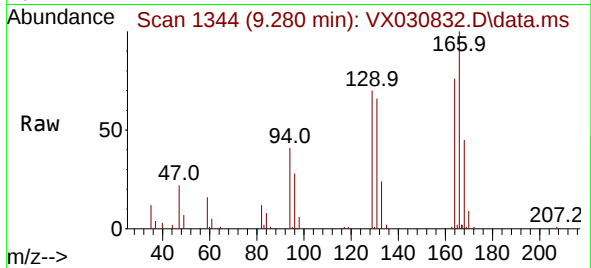




#64  
Tetrachloroethene  
Concen: 6.967 ug/l  
RT: 9.280 min Scan# 11  
Delta R.T. 0.005 min  
Lab File: VX030832.D  
Acq: 26 Aug 2022 18:13

Instrument :  
MSVOA\_X  
ClientSampleId :  
MW-101I

|             |       |             |
|-------------|-------|-------------|
| Tgt Ion:164 | Resp: | 17973       |
| Ion         | Ratio | Lower Upper |
| 164         | 100   |             |
| 166         | 131.9 | 98.2 147.4  |
| 129         | 92.3  | 80.8 121.2  |
| 131         | 87.6  | 75.5 113.3  |



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 12.024 min Scan# 1794  
Delta R.T. -0.000 min  
Lab File: VX030832.D  
Acq: 26 Aug 2022 18:13

|             |       |             |
|-------------|-------|-------------|
| Tgt Ion:152 | Resp: | 141842      |
| Ion         | Ratio | Lower Upper |
| 152         | 100   |             |
| 115         | 59.5  | 40.5 121.5  |
| 150         | 154.1 | 0.0 347.0   |

