

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX042723\  
 Data File : VX035343.D  
 Acq On : 27 Apr 2023 15:58  
 Operator : JC/MD  
 Sample : 02492-01  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 18 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 22-MW-04I

Quant Time: Apr 28 05:06:54 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

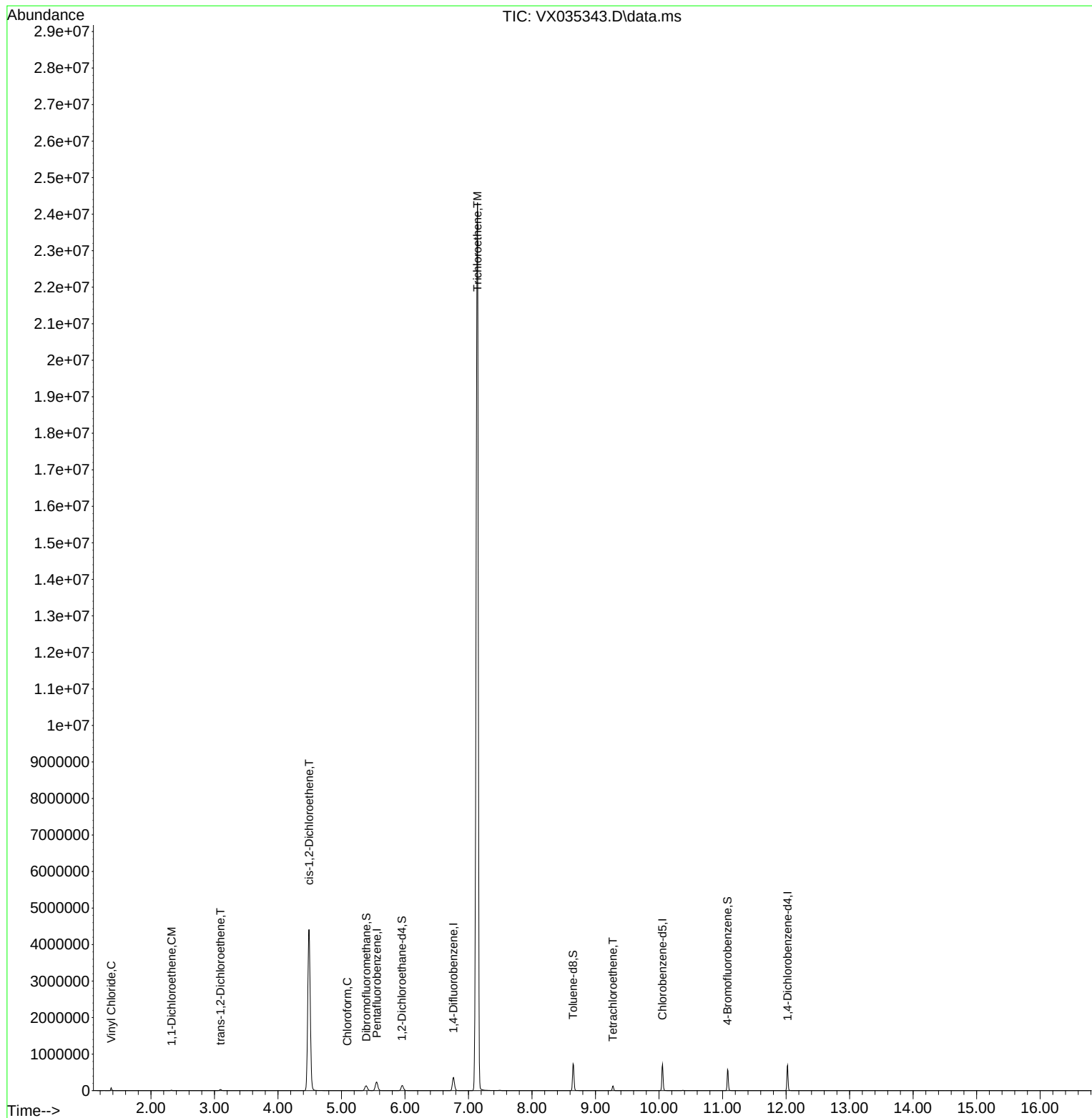
| Compound                     | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|------------------------------|--------|-------|----------|----------|--------|----------|
| -----                        |        |       |          |          |        |          |
| Internal Standards           |        |       |          |          |        |          |
| 1) Pentafluorobenzene        | 5.556  | 168   | 232086   | 50.000   | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene      | 6.763  | 114   | 379620   | 50.000   | ug/l   | 0.00     |
| 63) Chlorobenzene-d5         | 10.055 | 117   | 341723   | 50.000   | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4   | 12.024 | 152   | 152828   | 50.000   | ug/l   | 0.00     |
| System Monitoring Compounds  |        |       |          |          |        |          |
| 33) 1,2-Dichloroethane-d4    | 5.952  | 65    | 138474   | 49.455   | ug/l   | 0.00     |
| Spiked Amount                | 50.000 | Range | 78 - 117 | Recovery | =      | 98.920%  |
| 35) Dibromofluoromethane     | 5.391  | 113   | 117198   | 50.300   | ug/l   | 0.00     |
| Spiked Amount                | 50.000 | Range | 75 - 124 | Recovery | =      | 100.600% |
| 50) Toluene-d8               | 8.647  | 98    | 447909   | 50.959   | ug/l   | 0.00     |
| Spiked Amount                | 50.000 | Range | 92 - 112 | Recovery | =      | 101.920% |
| 62) 4-Bromofluorobenzene     | 11.079 | 95    | 163558   | 49.466   | ug/l   | 0.00     |
| Spiked Amount                | 50.000 | Range | 83 - 123 | Recovery | =      | 98.940%  |
| Target Compounds             |        |       |          |          |        |          |
|                              |        |       |          |          | Qvalue |          |
| 4) Vinyl Chloride            | 1.373  | 62    | 49971    | 22.302   | ug/l   | 100      |
| 12) 1,1-Dichloroethene       | 2.325  | 96    | 4498     | 1.995    | ug/l   | 90       |
| 21) trans-1,2-Dichloroethene | 3.093  | 96    | 13563    | 5.540    | ug/l   | 98       |
| 27) cis-1,2-Dichloroethene   | 4.489  | 96    | 2886116  | 1002.921 | ug/l   | 86       |
| 30) Chloroform               | 5.092  | 83    | 2248     | 0.504    | ug/l # | 71       |
| 44) Trichloroethene          | 7.141  | 130   | 10189675 | 3544.109 | ug/l   | 98       |
| 64) Tetrachloroethene        | 9.274  | 164   | 26069    | 9.963    | ug/l   | 97       |
| -----                        |        |       |          |          |        |          |

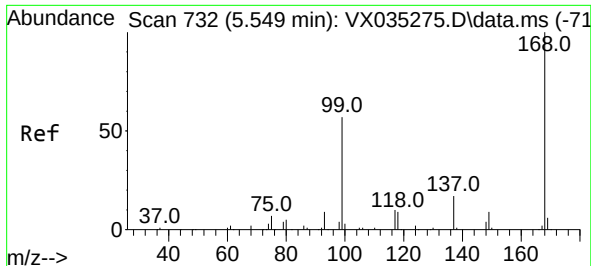
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X042523W.M  
Quant Title : SW846 8260  
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Response via : Initial Calibration

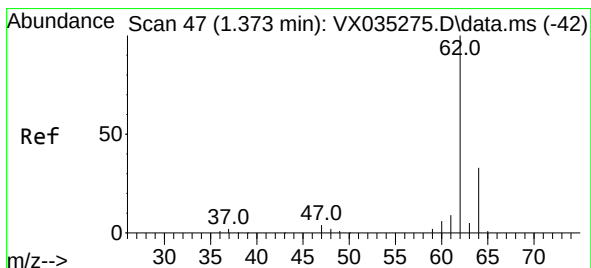
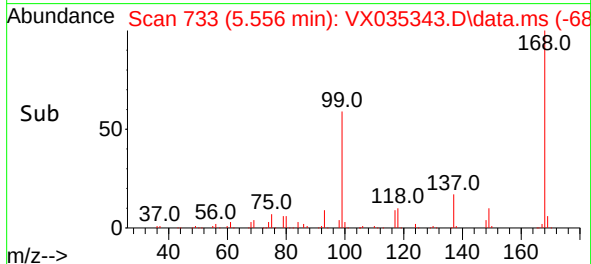
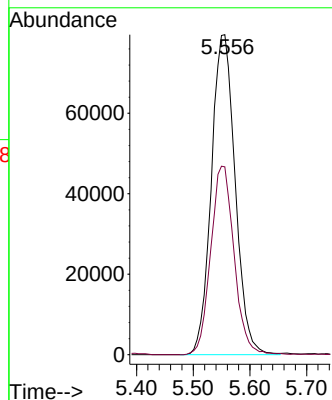
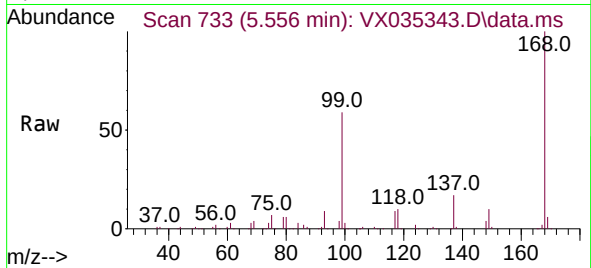




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.556 min Scan# 71  
Delta R.T. 0.007 min  
Lab File: VX035343.D  
Acq: 27 Apr 2023 15:58

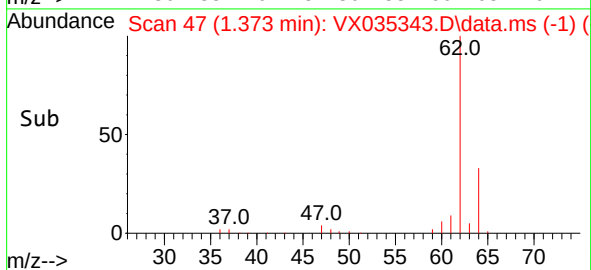
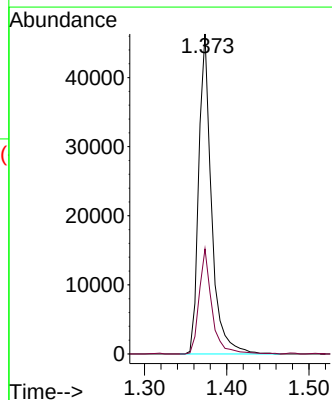
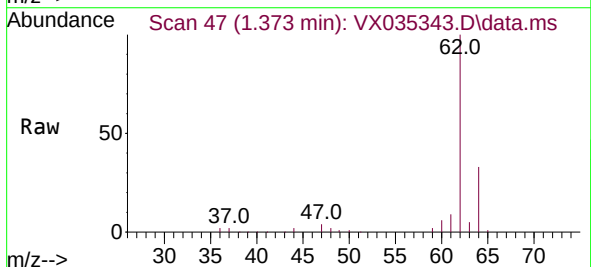
Instrument :  
MSVOA\_X  
ClientSampleId :  
22-MW-041

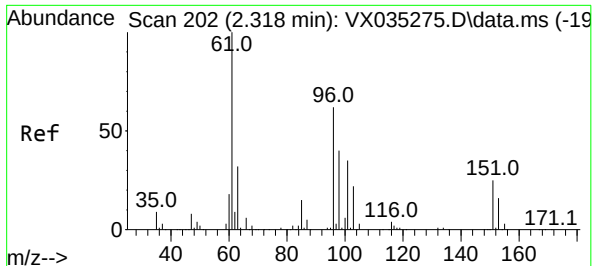
Tgt Ion:168 Resp: 232086  
Ion Ratio Lower Upper  
168 100  
99 58.7 45.7 68.5



#4  
Vinyl Chloride  
Concen: 22.302 ug/l  
RT: 1.373 min Scan# 47  
Delta R.T. 0.000 min  
Lab File: VX035343.D  
Acq: 27 Apr 2023 15:58

Tgt Ion: 62 Resp: 49971  
Ion Ratio Lower Upper  
62 100  
64 32.8 26.4 39.6





#12

1,1-Dichloroethene

Concen: 1.995 ug/l

RT: 2.325 min Scan# 20

Delta R.T. 0.007 min

Lab File: VX035343.D

Acq: 27 Apr 2023 15:58

Instrument :

MSVOA\_X

ClientSampleId :

22-MW-041

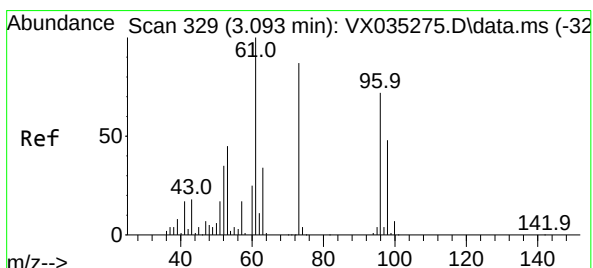
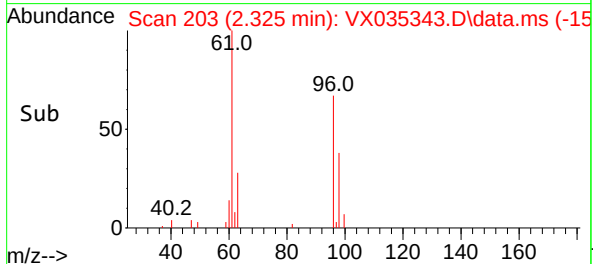
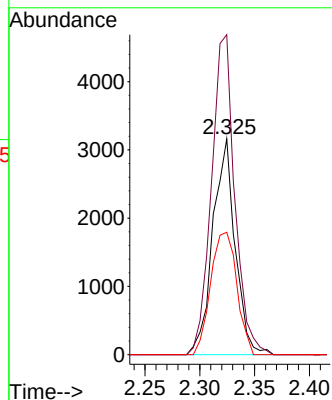
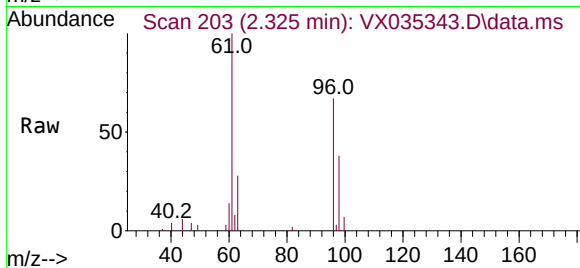
Tgt Ion: 96 Resp: 4498

Ion Ratio Lower Upper

96 100

61 148.3 128.8 193.2

98 56.7 51.4 77.0



#21

trans-1,2-Dichloroethene

Concen: 5.540 ug/l

RT: 3.093 min Scan# 329

Delta R.T. -0.000 min

Lab File: VX035343.D

Acq: 27 Apr 2023 15:58

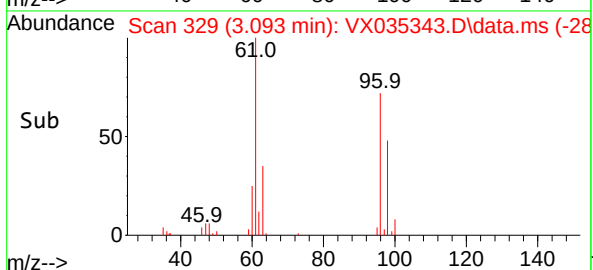
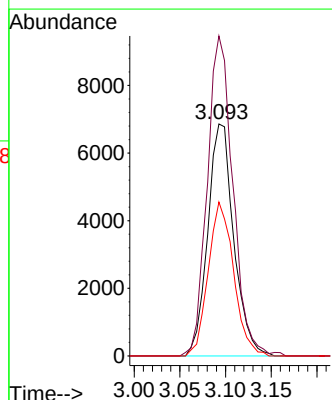
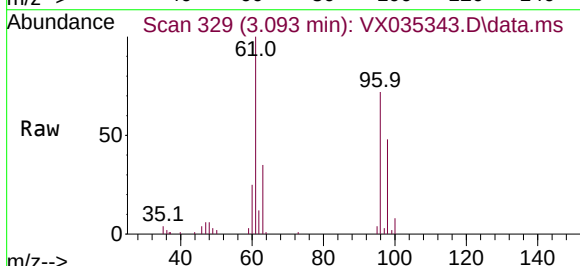
Tgt Ion: 96 Resp: 13563

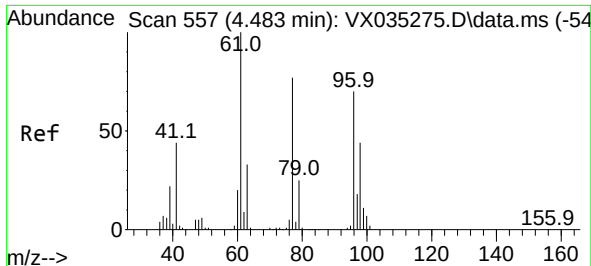
Ion Ratio Lower Upper

96 100

61 137.9 113.0 169.6

98 66.3 52.1 78.1





#27

cis-1,2-Dichloroethene

Concen: 1002.921 ug/l

RT: 4.489 min Scan# 51

Delta R.T. 0.006 min

Lab File: VX035343.D

Acq: 27 Apr 2023 15:58

Instrument :

MSVOA\_X

ClientSampleId :

22-MW-041

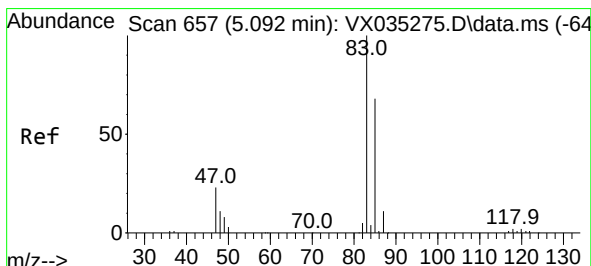
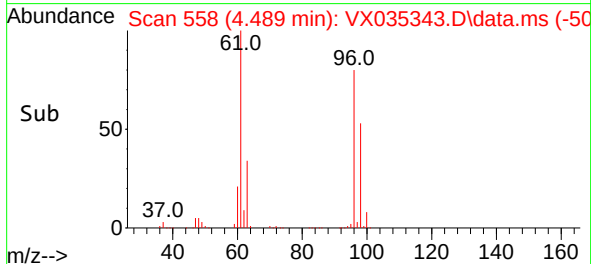
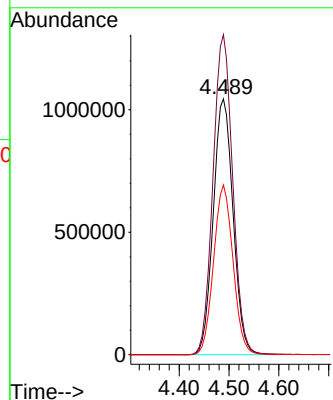
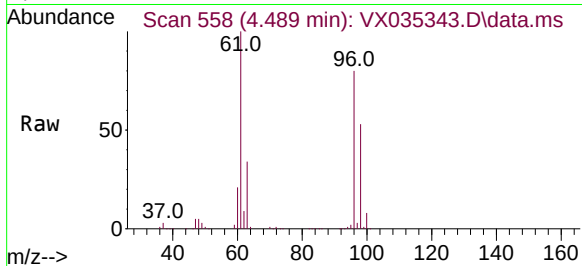
Tgt Ion: 96 Resp: 2886116

Ion Ratio Lower Upper

96 100

61 124.5 0.0 300.4

98 65.0 0.0 129.0



#30

Chloroform

Concen: 0.504 ug/l

RT: 5.092 min Scan# 657

Delta R.T. 0.000 min

Lab File: VX035343.D

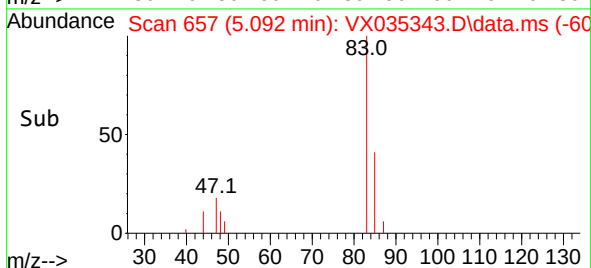
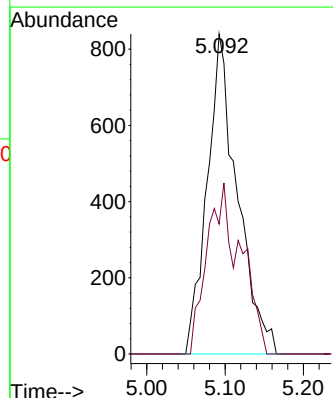
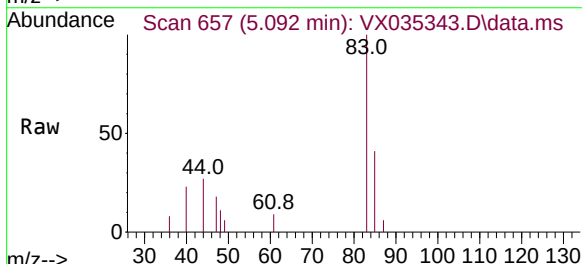
Acq: 27 Apr 2023 15:58

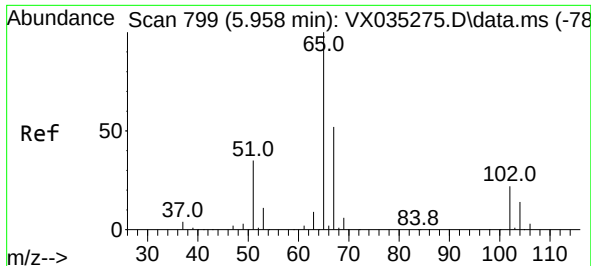
Tgt Ion: 83 Resp: 2248

Ion Ratio Lower Upper

83 100

85 40.6 50.6 76.0#





#33

1,2-Dichloroethane-d4

Concen: 49.455 ug/l

RT: 5.952 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX035343.D

Acq: 27 Apr 2023 15:58

Instrument :

MSVOA\_X

ClientSampleId :

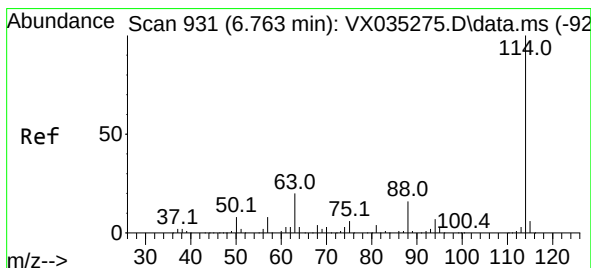
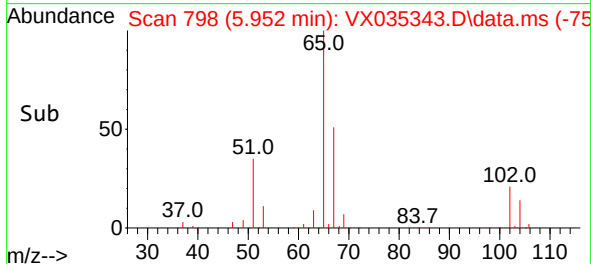
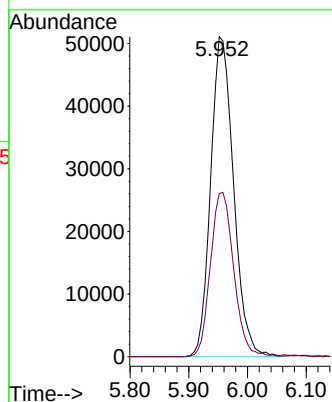
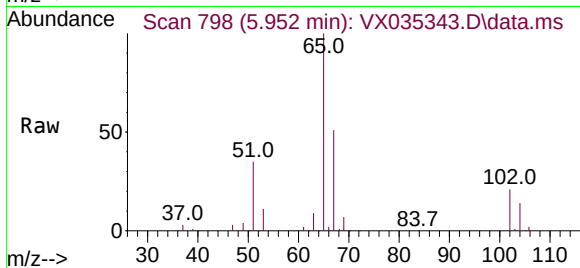
22-MW-041

Tgt Ion: 65 Resp: 138474

Ion Ratio Lower Upper

65 100

67 52.1 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: VX035343.D

Acq: 27 Apr 2023 15:58

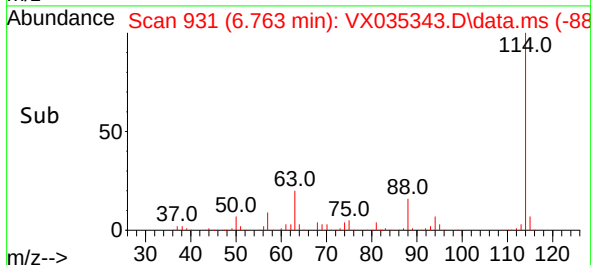
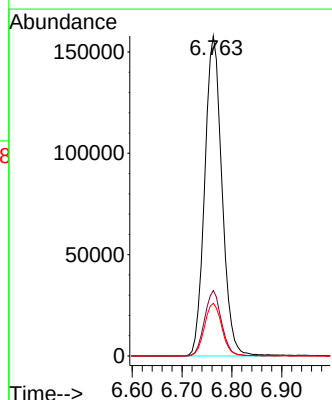
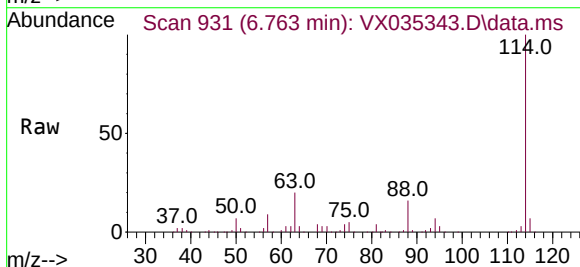
Tgt Ion: 114 Resp: 379620

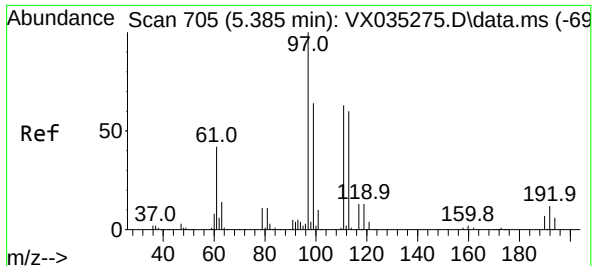
Ion Ratio Lower Upper

114 100

63 20.4 0.0 42.2

88 16.5 0.0 33.2

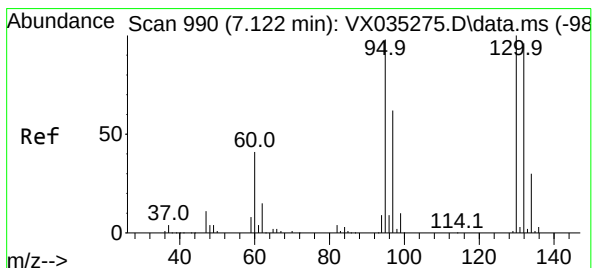
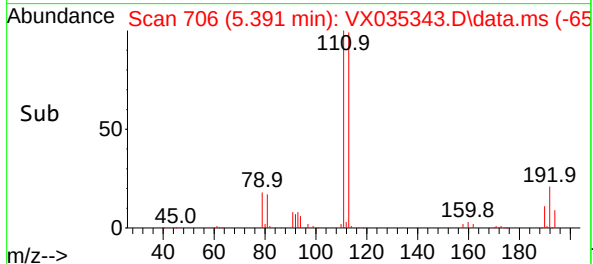
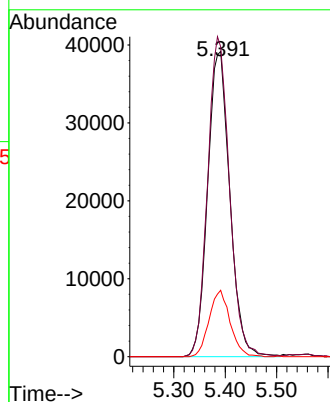
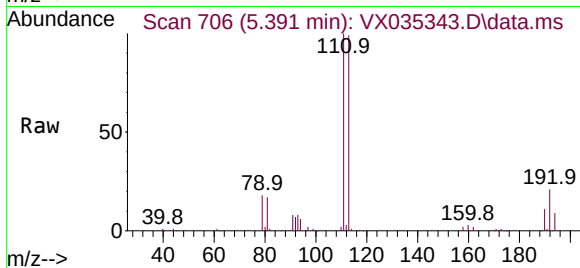




#35  
Dibromofluoromethane  
Concen: 50.300 ug/l  
RT: 5.391 min Scan# 705  
Delta R.T. 0.006 min  
Lab File: VX035343.D  
Acq: 27 Apr 2023 15:58

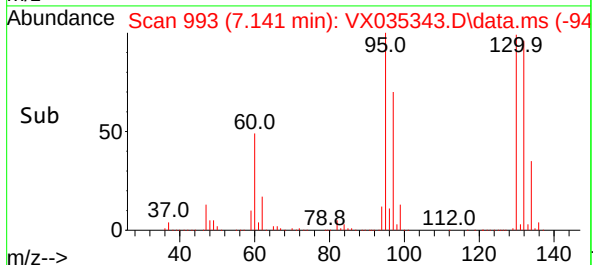
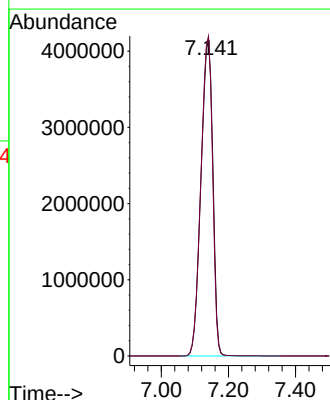
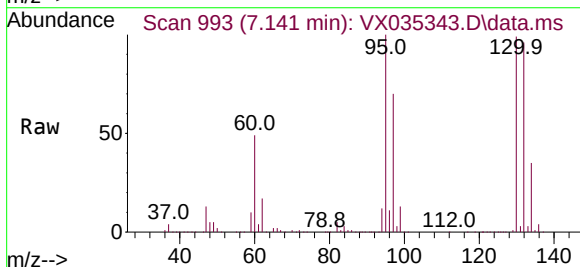
Instrument :  
MSVOA\_X  
ClientSampleId :  
22-MW-041

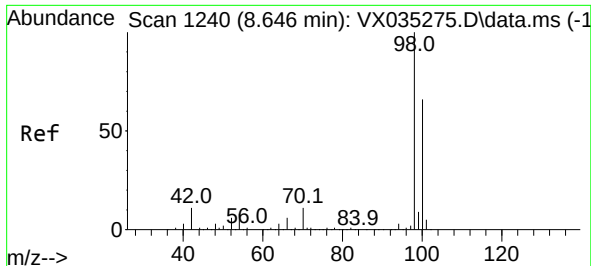
Tgt Ion:113 Resp: 117198  
Ion Ratio Lower Upper  
113 100  
111 103.2 83.7 125.5  
192 20.7 15.4 23.2



#44  
Trichloroethene  
Concen: 3544.109 ug/l  
RT: 7.141 min Scan# 993  
Delta R.T. 0.019 min  
Lab File: VX035343.D  
Acq: 27 Apr 2023 15:58

Tgt Ion:130 Resp:10189675  
Ion Ratio Lower Upper  
130 100  
95 101.4 0.0 198.4

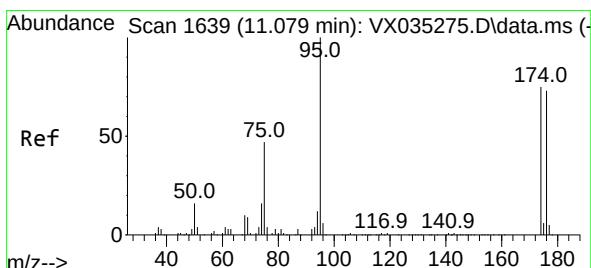
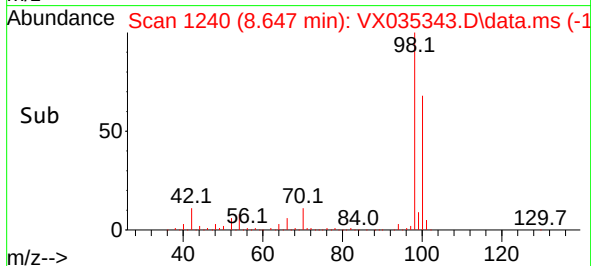
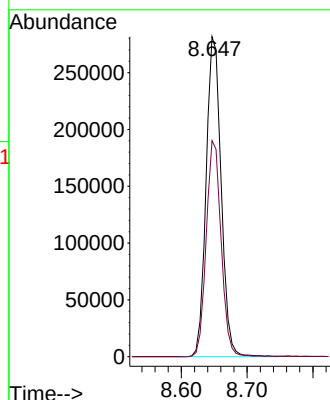
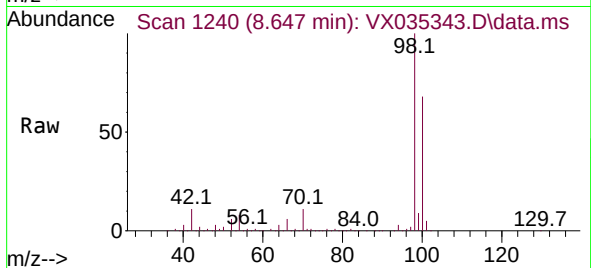




#50  
Toluene-d8  
Concen: 50.959 ug/l  
RT: 8.647 min Scan# 11  
Delta R.T. 0.001 min  
Lab File: VX035343.D  
Acq: 27 Apr 2023 15:58

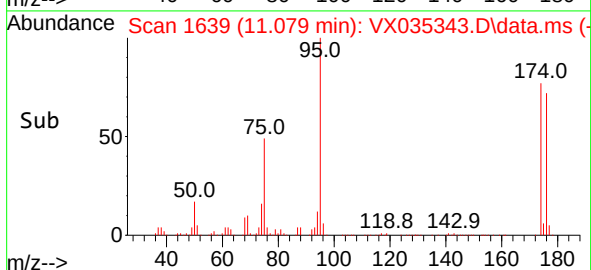
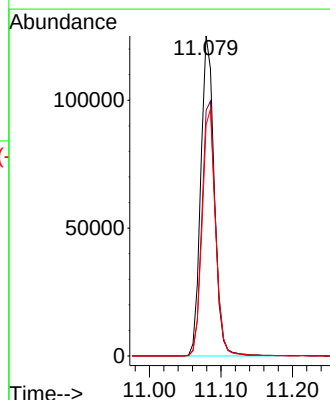
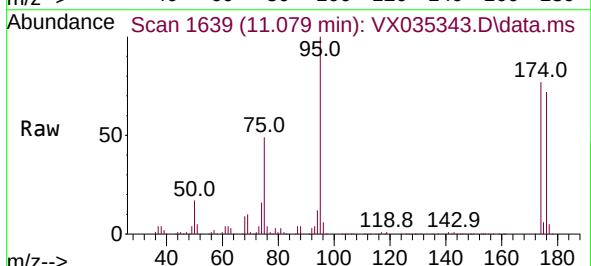
Instrument :  
MSVOA\_X  
ClientSampleId :  
22-MW-041

Tgt Ion: 98 Resp: 447909  
Ion Ratio Lower Upper  
98 100  
100 66.9 52.5 78.7

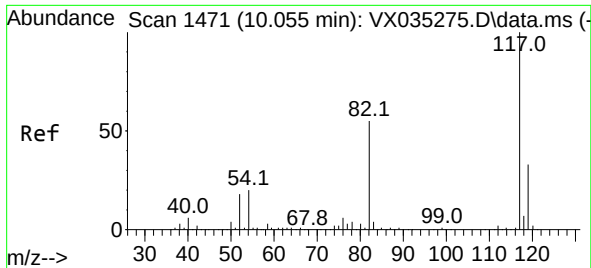


#62  
4-Bromofluorobenzene  
Concen: 49.466 ug/l  
RT: 11.079 min Scan# 1639  
Delta R.T. 0.000 min  
Lab File: VX035343.D  
Acq: 27 Apr 2023 15:58

Tgt Ion: 95 Resp: 163558  
Ion Ratio Lower Upper  
95 100  
174 80.4 0.0 147.4  
176 77.0 0.0 140.6



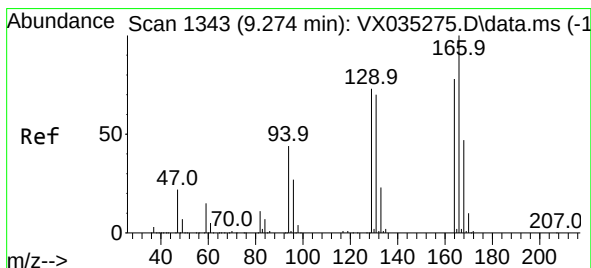
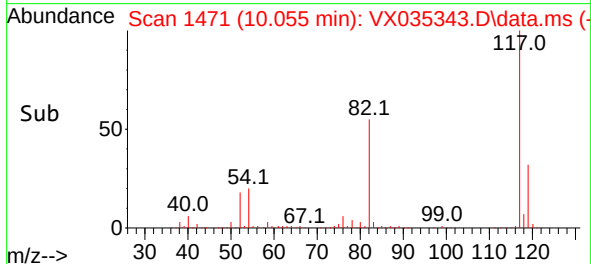
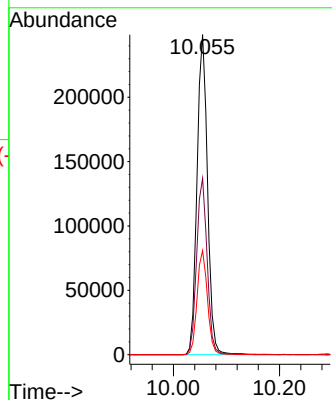
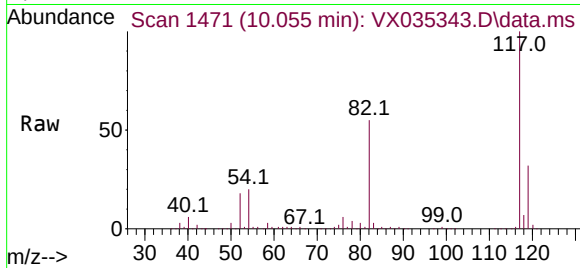




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.055 min Scan# 1471  
Delta R.T. -0.000 min  
Lab File: VX035343.D  
Acq: 27 Apr 2023 15:58

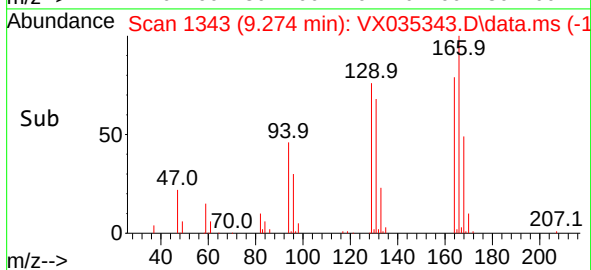
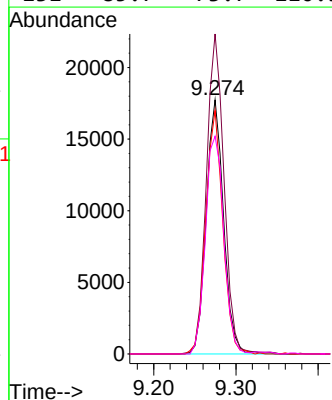
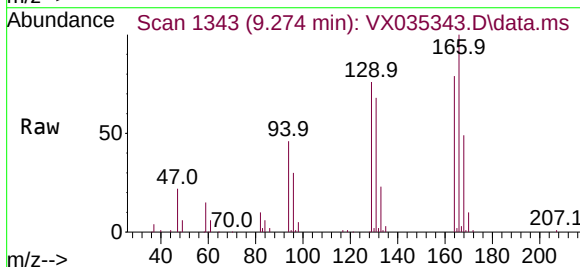
Instrument : MSVOA\_X  
ClientSampleId : 22-MW-041

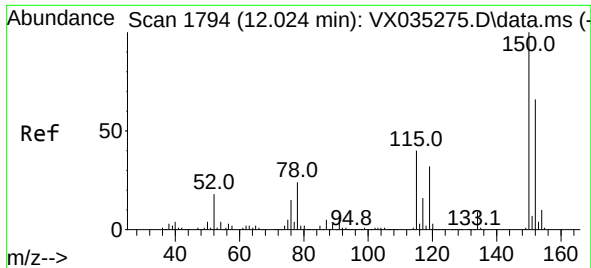
Tgt Ion:117 Resp: 341723  
Ion Ratio Lower Upper  
117 100  
82 55.1 45.0 67.4  
119 32.5 26.0 39.0



#64  
Tetrachloroethene  
Concen: 9.963 ug/l  
RT: 9.274 min Scan# 1343  
Delta R.T. 0.001 min  
Lab File: VX035343.D  
Acq: 27 Apr 2023 15:58

Tgt Ion:164 Resp: 26069  
Ion Ratio Lower Upper  
164 100  
166 125.9 102.7 154.1  
129 95.9 75.6 113.4  
131 85.7 73.7 110.5





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX035343.D

Acq: 27 Apr 2023 15:58

Instrument :

MSVOA\_X

ClientSampleId :

22-MW-04I

Tgt Ion:152 Resp: 152828

Ion Ratio Lower Upper

152 100

115 60.0 45.0 135.0

150 156.2 0.0 352.4

