

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX030222\  
 Data File : VX027265.D  
 Acq On : 02 Mar 2022 13:35  
 Operator : JC/MD  
 Sample : VX0302WBL01  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :

Quant Time: Mar 03 00:05:51 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X022322W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Feb 23 13:06:57 2022  
 Response via : Initial Calibration

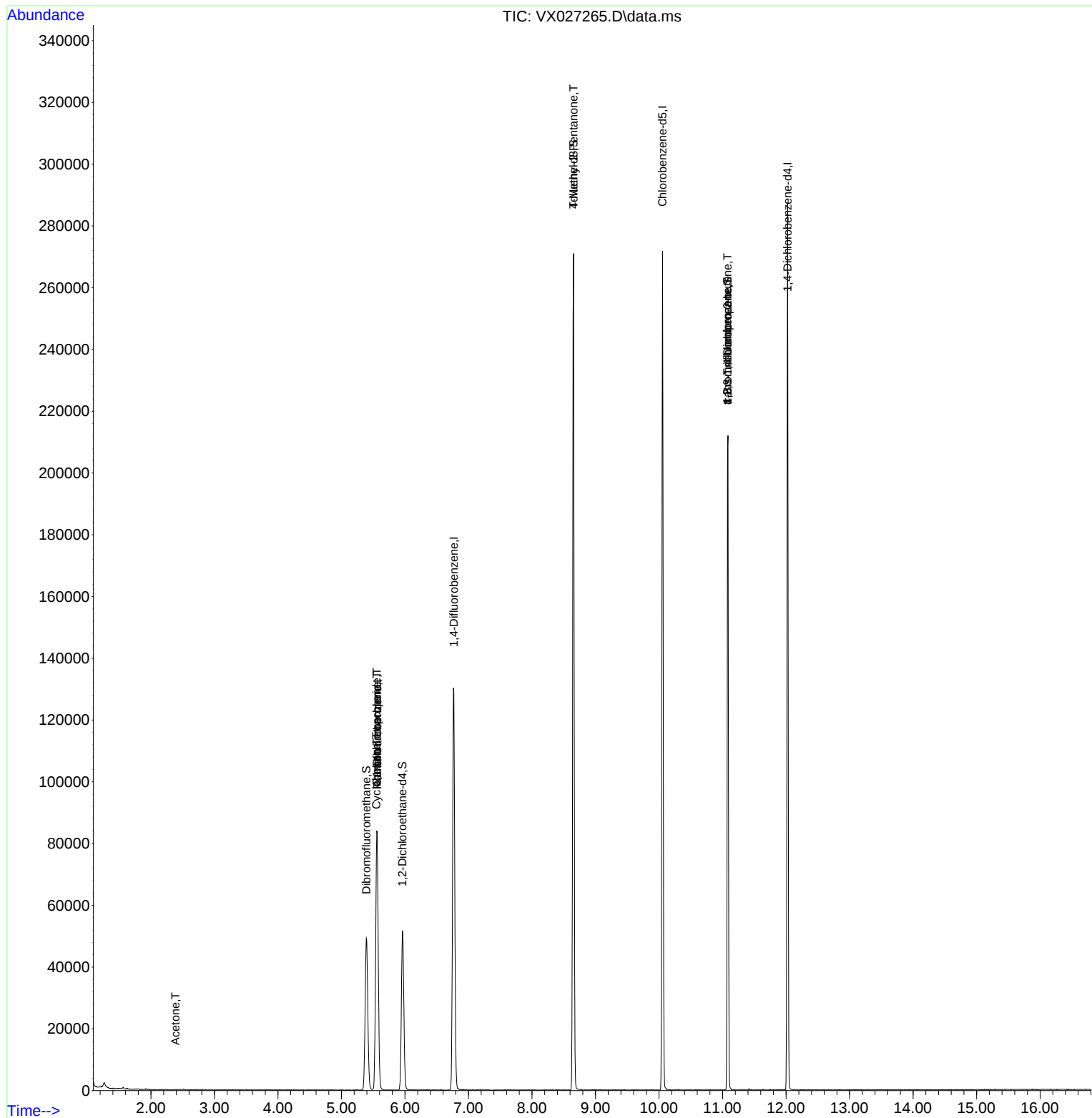
| Compound                      | R.T.   | QIon  | Response | Conc        | Units      | Dev(Min) |
|-------------------------------|--------|-------|----------|-------------|------------|----------|
| -----                         |        |       |          |             |            |          |
| Internal Standards            |        |       |          |             |            |          |
| 1) Pentafluorobenzene         | 5.562  | 168   | 82124    | 50.000      | ug/l       | 0.00     |
| 34) 1,4-Difluorobenzene       | 6.769  | 114   | 138071   | 50.000      | ug/l       | 0.00     |
| 63) Chlorobenzene-d5          | 10.055 | 117   | 125477   | 50.000      | ug/l       | 0.00     |
| 72) 1,4-Dichlorobenzene-d4    | 12.024 | 152   | 58752    | 50.000      | ug/l       | 0.00     |
|                               |        |       |          |             |            |          |
| System Monitoring Compounds   |        |       |          |             |            |          |
| 33) 1,2-Dichloroethane-d4     | 5.958  | 65    | 51146    | 51.856      | ug/l       | 0.00     |
| Spiked Amount                 | 50.000 | Range | 78 - 117 | Recovery    | = 103.720% |          |
| 35) Dibromofluoromethane      | 5.391  | 113   | 43918    | 51.244      | ug/l       | 0.00     |
| Spiked Amount                 | 50.000 | Range | 75 - 124 | Recovery    | = 102.480% |          |
| 50) Toluene-d8                | 8.653  | 98    | 159251   | 49.695      | ug/l       | 0.00     |
| Spiked Amount                 | 50.000 | Range | 92 - 112 | Recovery    | = 99.400%  |          |
| 62) 4-Bromofluorobenzene      | 11.079 | 95    | 59338    | 48.240      | ug/l       | 0.00     |
| Spiked Amount                 | 50.000 | Range | 83 - 123 | Recovery    | = 96.480%  |          |
|                               |        |       |          |             |            |          |
| Target Compounds              |        |       |          |             |            | Qvalue   |
| 5) Bromomethane               | 1.618  | 94    | 179      | Below Cal   | 83         |          |
| 16) Acetone                   | 2.386  | 43    | 244      | 0.563 ug/l  | #          | 46       |
| 31) Cyclohexane               | 5.550  | 56    | 1495     | 1.012 ug/l  | #          | 1        |
| 36) 1,1-Dichloropropene       | 5.556  | 75    | 5790     | 4.629 ug/l  | #          | 50       |
| 38) Carbon Tetrachloride      | 5.556  | 117   | 8202     | 6.287 ug/l  | #          | 17       |
| 51) 4-Methyl-2-Pentanone      | 8.653  | 43    | 563      | 0.410 ug/l  | #          | 1        |
| 76) 1,2,3-Trichloropropane    | 11.079 | 75    | 29025    | 24.527 ug/l | #          | 40       |
| 81) trans-1,4-Dichloro-2-b... | 11.079 | 75    | 29025    | 69.558 ug/l | #          | 3        |
| -----                         |        |       |          |             |            |          |

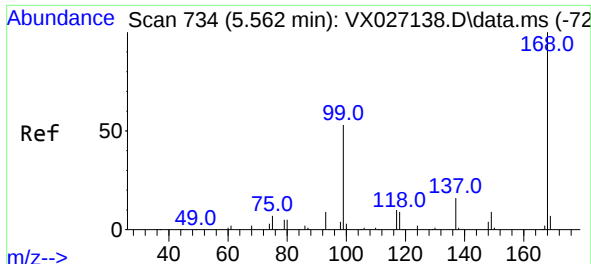
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX030222\  
Data File : VX027265.D  
Acq On : 02 Mar 2022 13:35  
Operator : JC/MD  
Sample : VX0302WBL01  
Misc : 5.0mL/MSVOA\_X/WATER  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :

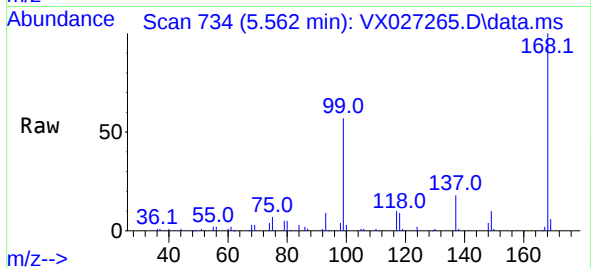
Quant Time: Mar 03 00:05:51 2022  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X022322W.M  
Quant Title : SW846 8260  
QLast Update : Wed Feb 23 13:06:57 2022  
Response via : Initial Calibration



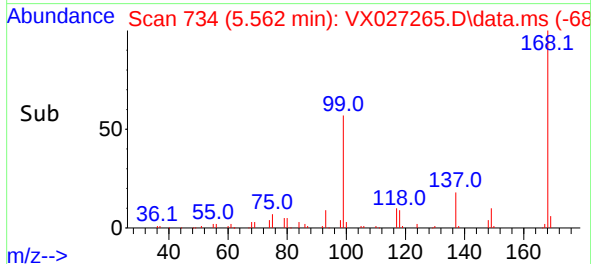
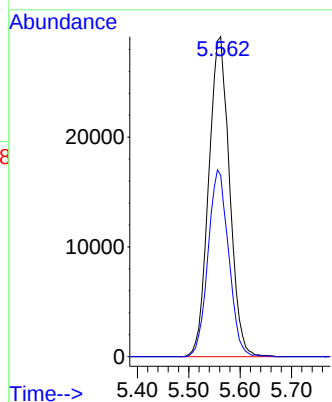


#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.562 min Scan# 71  
Delta R.T. -0.000 min  
Lab File: VX027265.D  
Acq: 02 Mar 2022 13:35

Instrument :  
MSVOA\_X  
ClientSampleId :

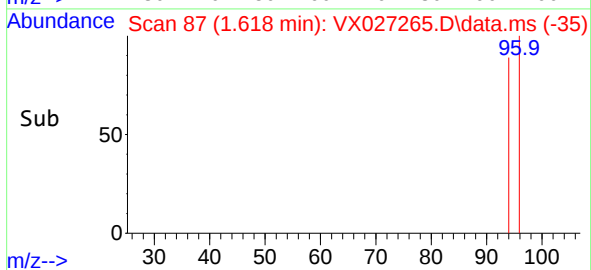
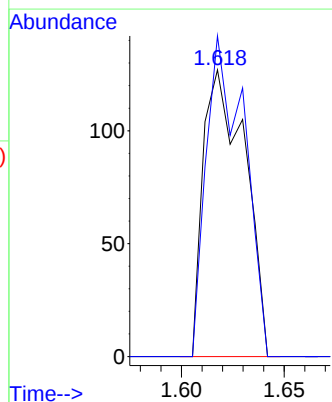
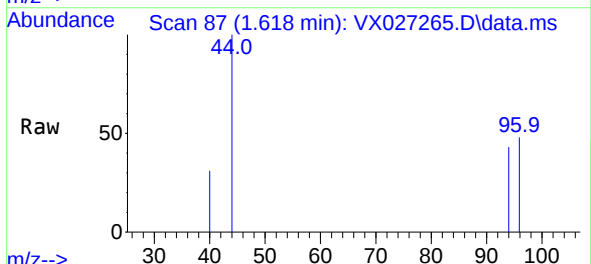


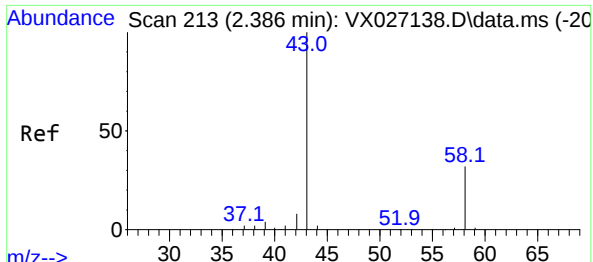
Tgt Ion:168 Resp: 82124  
Ion Ratio Lower Upper  
168 100  
99 56.7 50.3 75.5



#5  
Bromomethane  
Concen: Below Cal  
RT: 1.618 min Scan# 87  
Delta R.T. 0.019 min  
Lab File: VX027265.D  
Acq: 02 Mar 2022 13:35

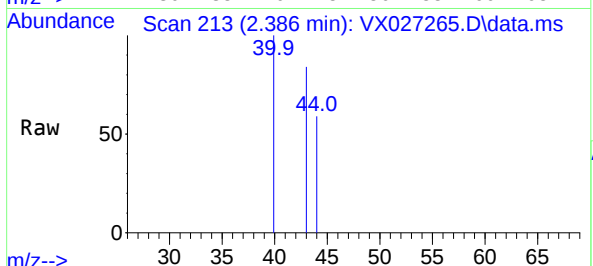
Tgt Ion: 94 Resp: 179  
Ion Ratio Lower Upper  
94 100  
96 111.8 75.9 113.9



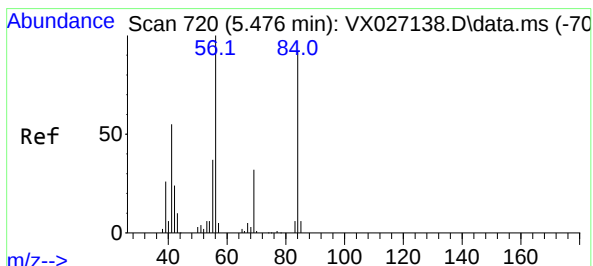
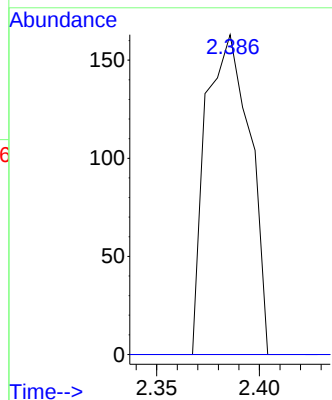


#16  
Acetone  
Concen: 0.563 ug/l  
RT: 2.386 min Scan# 213  
Delta R.T. -0.000 min  
Lab File: VX027265.D  
Acq: 02 Mar 2022 13:35

Instrument :  
MSVOA\_X  
ClientSampleId :

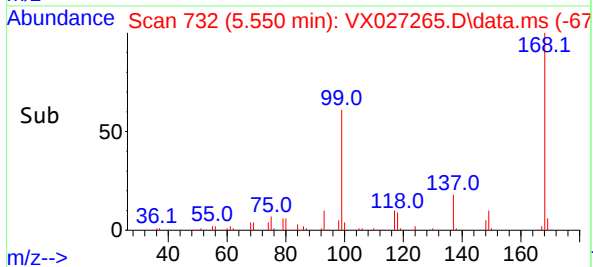
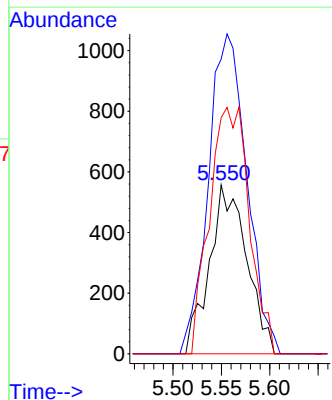
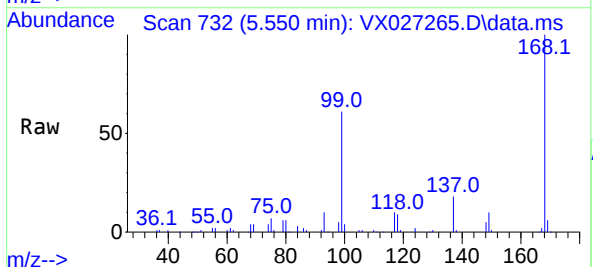


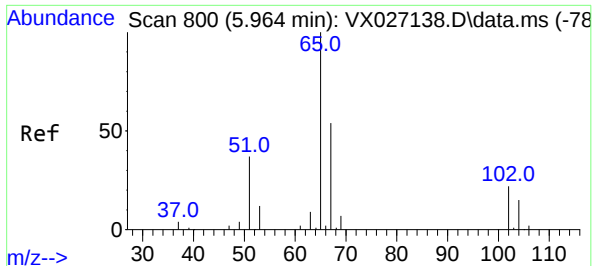
Tgt Ion: 43 Resp: 244  
Ion Ratio Lower Upper  
43 100  
58 0.0 23.0 34.6#



#31  
Cyclohexane  
Concen: 1.012 ug/l  
RT: 5.550 min Scan# 732  
Delta R.T. 0.074 min  
Lab File: VX027265.D  
Acq: 02 Mar 2022 13:35

Tgt Ion: 56 Resp: 1495  
Ion Ratio Lower Upper  
56 100  
69 174.5 25.8 38.6#  
84 139.9 68.9 103.3#





#33

1,2-Dichloroethane-d4

Concen: 51.856 ug/l

RT: 5.958 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX027265.D

Acq: 02 Mar 2022 13:35

Instrument :

MSVOA\_X

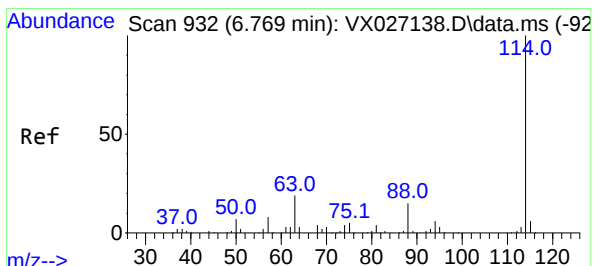
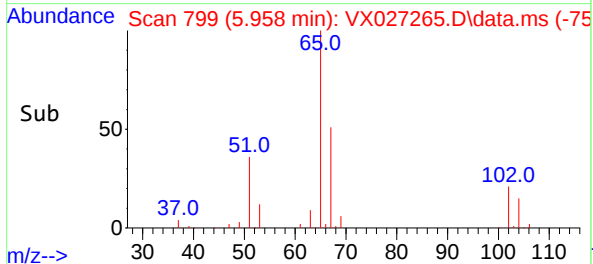
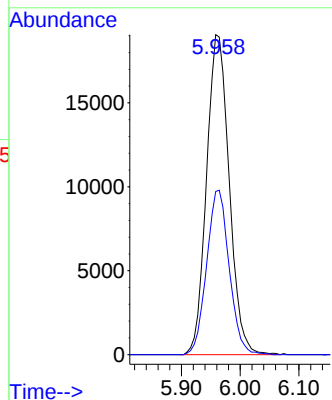
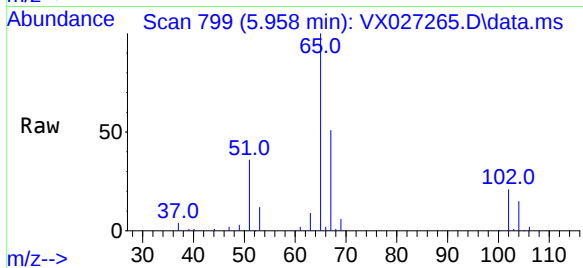
ClientSampleId :

Tgt Ion: 65 Resp: 51146

Ion Ratio Lower Upper

65 100

67 51.1 0.0 100.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.769 min Scan# 932

Delta R.T. 0.000 min

Lab File: VX027265.D

Acq: 02 Mar 2022 13:35

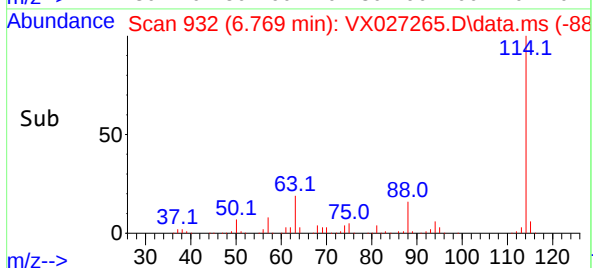
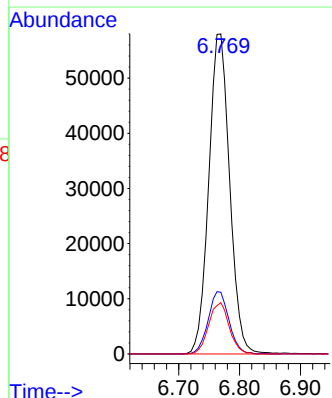
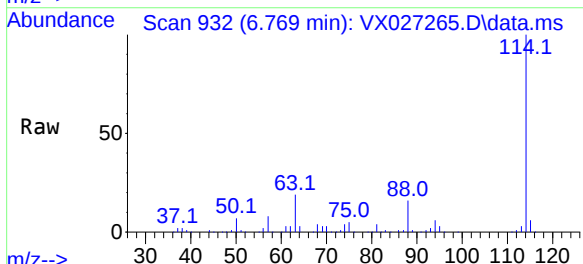
Tgt Ion: 114 Resp: 138071

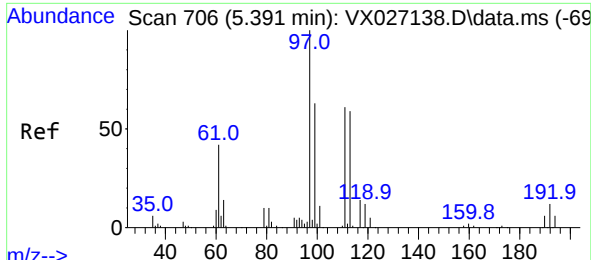
Ion Ratio Lower Upper

114 100

63 19.3 0.0 42.8

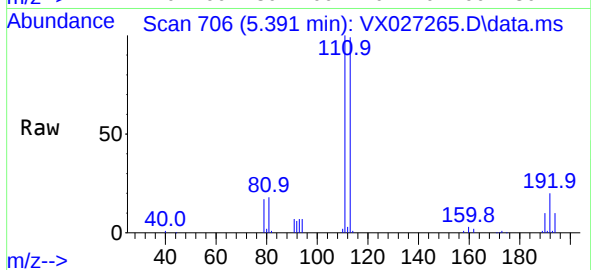
88 16.1 0.0 33.0



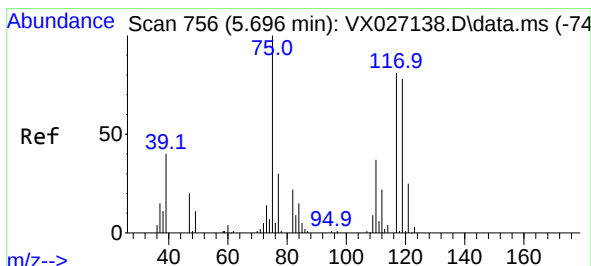
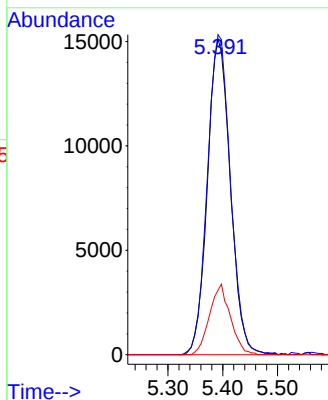
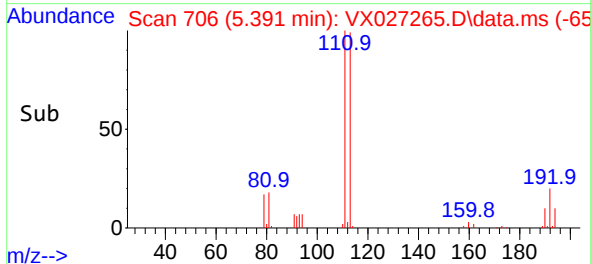


#35  
Dibromofluoromethane  
Concen: 51.244 ug/l  
RT: 5.391 min Scan# 706  
Delta R.T. 0.000 min  
Lab File: VX027265.D  
Acq: 02 Mar 2022 13:35

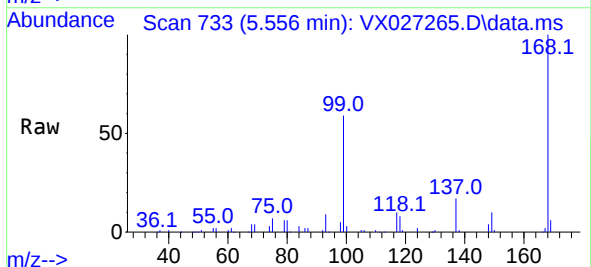
Instrument :  
MSVOA\_X  
ClientSampleId :



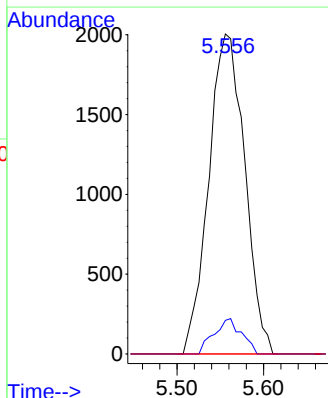
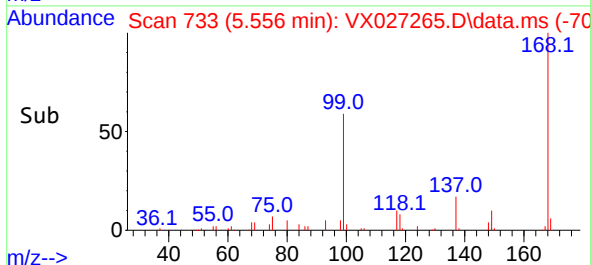
Tgt Ion:113 Resp: 43918  
Ion Ratio Lower Upper  
113 100  
111 102.2 81.2 121.8  
192 20.3 15.0 22.4

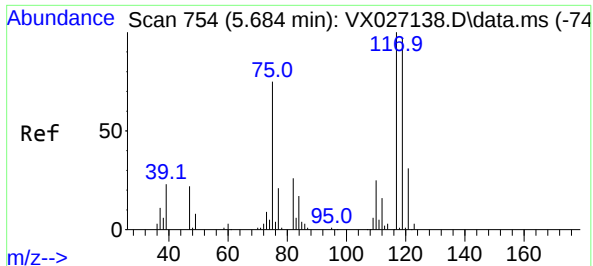


#36  
1,1-Dichloropropene  
Concen: 4.629 ug/l  
RT: 5.556 min Scan# 733  
Delta R.T. -0.140 min  
Lab File: VX027265.D  
Acq: 02 Mar 2022 13:35



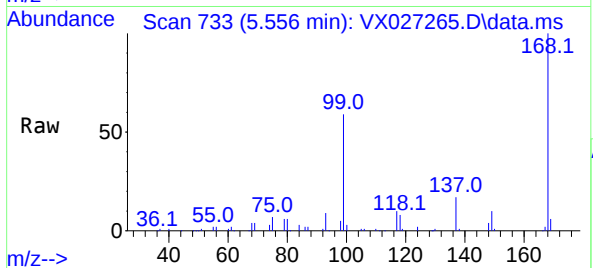
Tgt Ion: 75 Resp: 5790  
Ion Ratio Lower Upper  
75 100  
110 8.5 17.2 51.6#  
77 0.0 24.6 36.8#



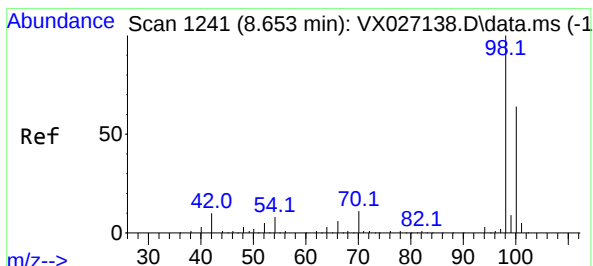
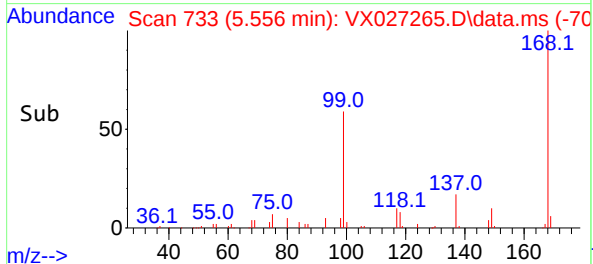
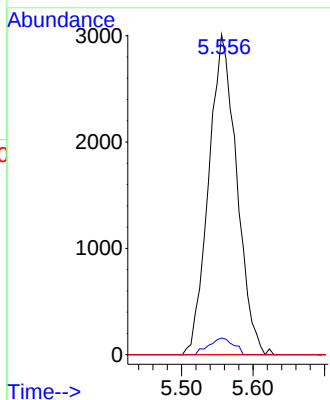


#38  
Carbon Tetrachloride  
Concen: 6.287 ug/l  
RT: 5.556 min Scan# 71  
Delta R.T. -0.128 min  
Lab File: VX027265.D  
Acq: 02 Mar 2022 13:35

Instrument :  
MSVOA\_X  
ClientSampleId :

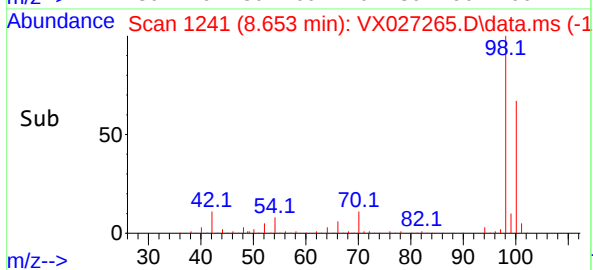
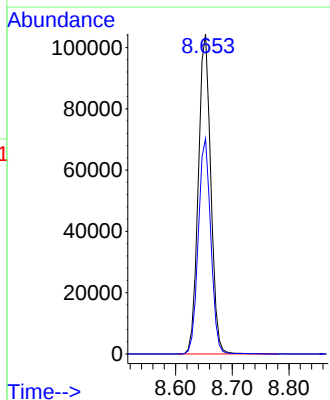
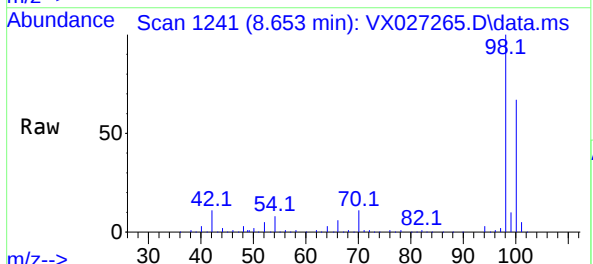


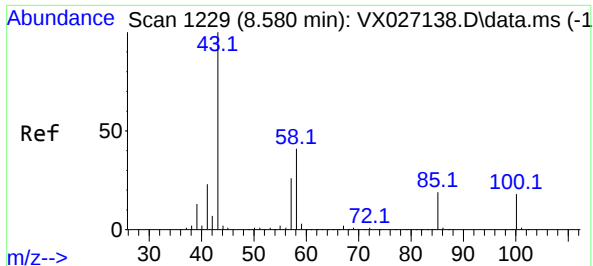
Tgt Ion:117 Resp: 8202  
Ion Ratio Lower Upper  
117 100  
119 5.2 74.7 112.1#  
121 0.0 25.4 38.0#



#50  
Toluene-d8  
Concen: 49.695 ug/l  
RT: 8.653 min Scan# 1241  
Delta R.T. -0.000 min  
Lab File: VX027265.D  
Acq: 02 Mar 2022 13:35

Tgt Ion: 98 Resp: 159251  
Ion Ratio Lower Upper  
98 100  
100 67.4 53.2 79.8

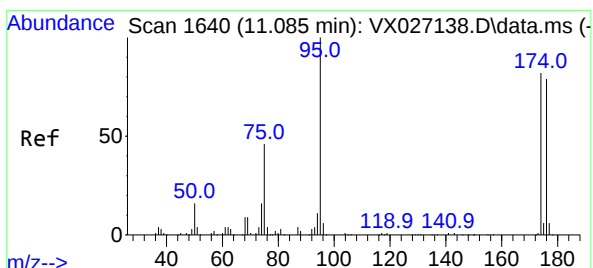
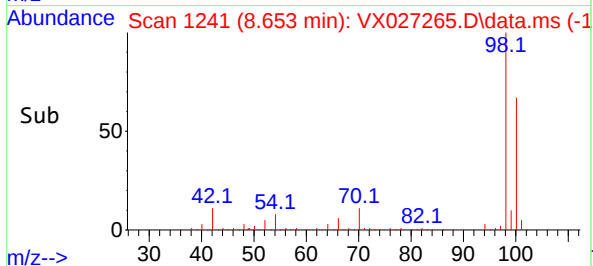
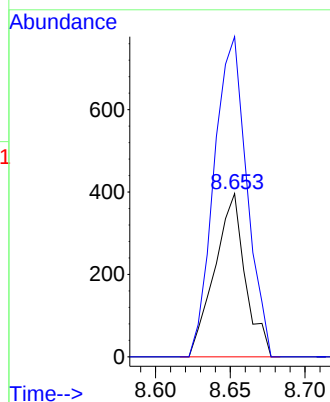
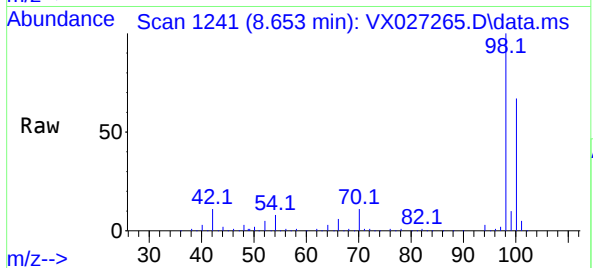




#51  
4-Methyl-2-Pentanone  
Concen: 0.410 ug/l  
RT: 8.653 min Scan# 11  
Delta R.T. 0.073 min  
Lab File: VX027265.D  
Acq: 02 Mar 2022 13:35

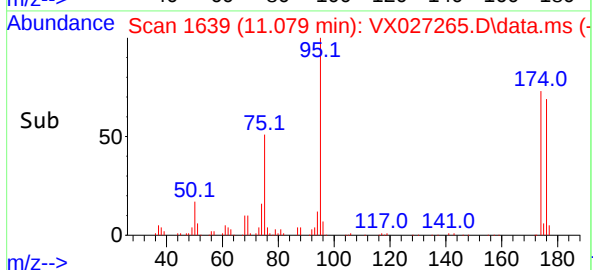
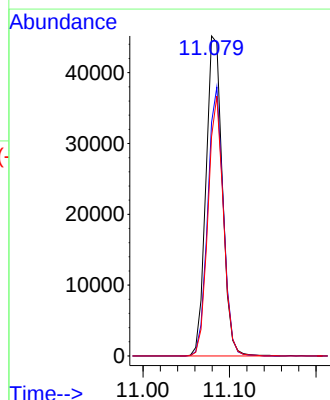
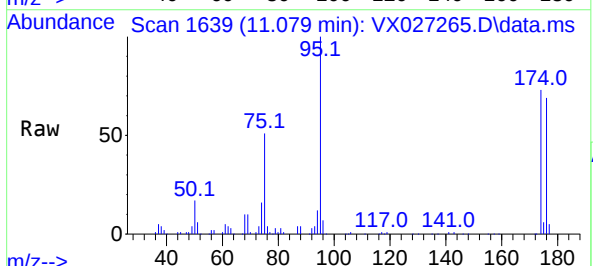
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MSVOA\_X  
ClientSampleId :

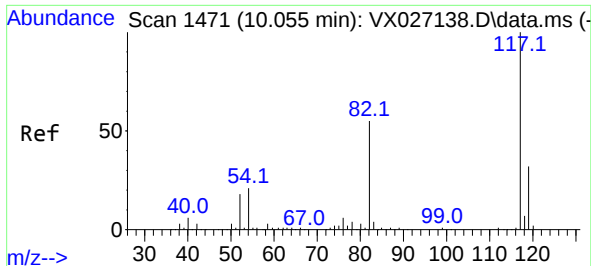
Tgt Ion: 43 Resp: 563  
Ion Ratio Lower Upper  
43 100  
58 210.8 30.5 45.7#



#62  
4-Bromofluorobenzene  
Concen: 48.240 ug/l  
RT: 11.079 min Scan# 1639  
Delta R.T. -0.006 min  
Lab File: VX027265.D  
Acq: 02 Mar 2022 13:35

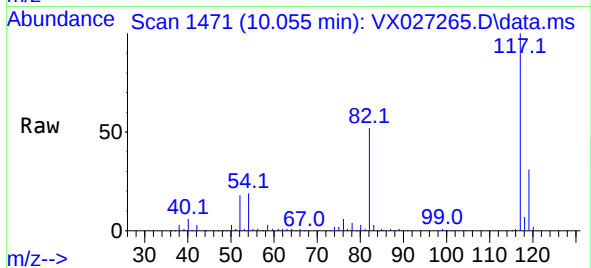
Tgt Ion: 95 Resp: 59338  
Ion Ratio Lower Upper  
95 100  
174 80.1 0.0 148.6  
176 76.2 0.0 141.4



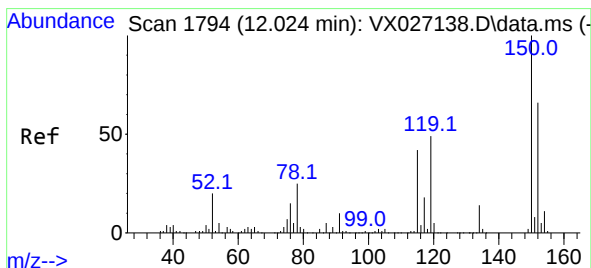
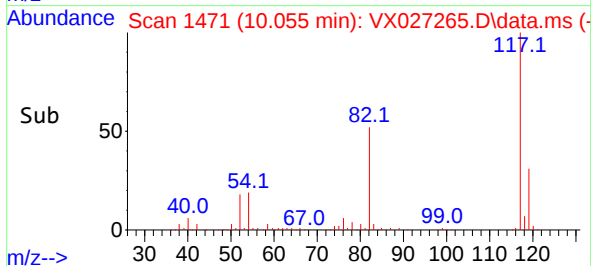
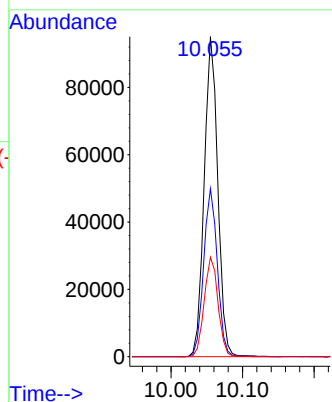


#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.055 min Scan# 1471  
Delta R.T. 0.000 min  
Lab File: VX027265.D  
Acq: 02 Mar 2022 13:35

Instrument :  
MSVOA\_X  
ClientSampleId :

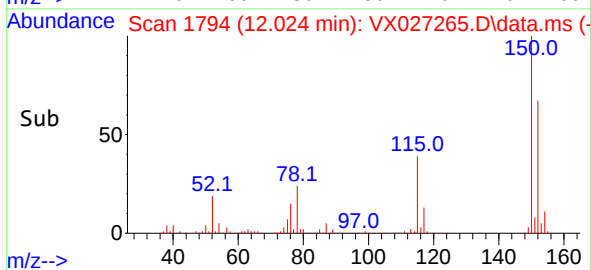
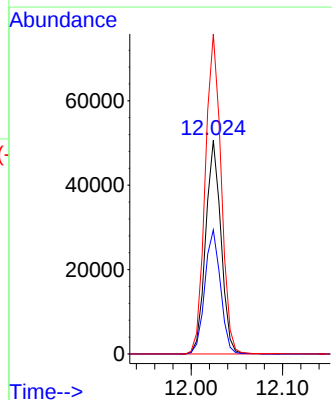
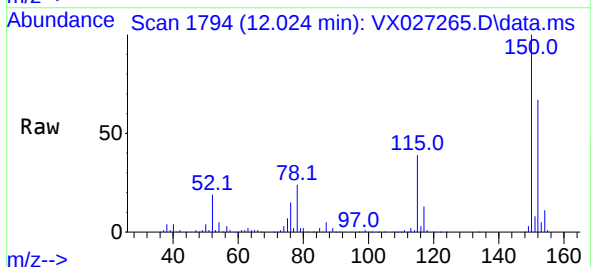


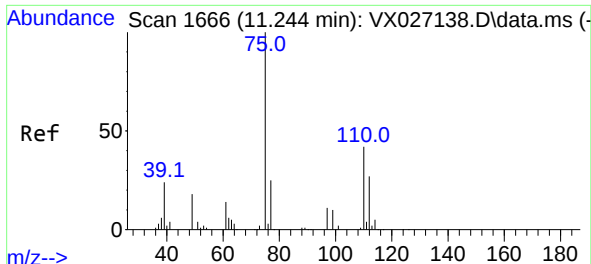
Tgt Ion:117 Resp: 125477  
Ion Ratio Lower Upper  
117 100  
82 52.5 45.2 67.8  
119 31.1 26.2 39.2



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 12.024 min Scan# 1794  
Delta R.T. 0.000 min  
Lab File: VX027265.D  
Acq: 02 Mar 2022 13:35

Tgt Ion:152 Resp: 58752  
Ion Ratio Lower Upper  
152 100  
115 59.2 44.2 132.6  
150 155.5 0.0 348.2

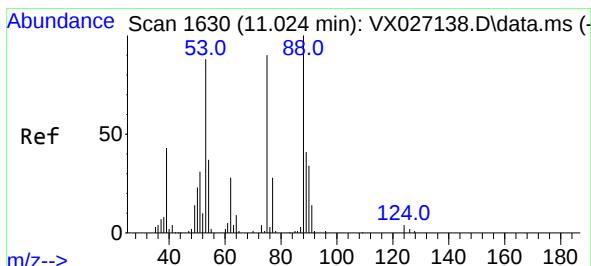
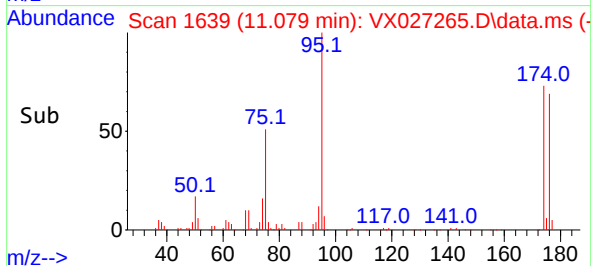
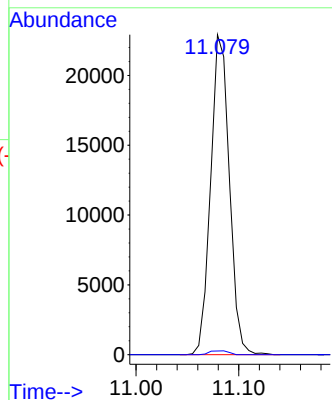
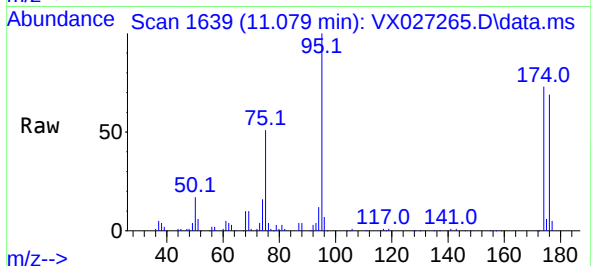




#76  
1,2,3-Trichloropropane  
Concen: 24.527 ug/l  
RT: 11.079 min Scan# 1639  
Delta R.T. -0.165 min  
Lab File: VX027265.D  
Acq: 02 Mar 2022 13:35

Instrument :  
MSVOA\_X  
ClientSampleId :

Tgt Ion: 75 Resp: 29025  
Ion Ratio Lower Upper  
75 100  
77 1.3 18.3 54.8#



#81  
trans-1,4-Dichloro-2-butene  
Concen: 69.558 ug/l  
RT: 11.079 min Scan# 1639  
Delta R.T. 0.055 min  
Lab File: VX027265.D  
Acq: 02 Mar 2022 13:35

Tgt Ion: 75 Resp: 29025  
Ion Ratio Lower Upper  
75 100  
53 0.0 94.0 141.0#  
89 0.0 37.0 55.4#

