

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX030424\  
 Data File : VX040565.D  
 Acq On : 04 Mar 2024 13:47  
 Operator : JC/MD  
 Sample : PB159402TB  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 PB159402TB

Quant Time: Mar 05 00:24:27 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X022624W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Feb 27 05:01:33 2024  
 Response via : Initial Calibration

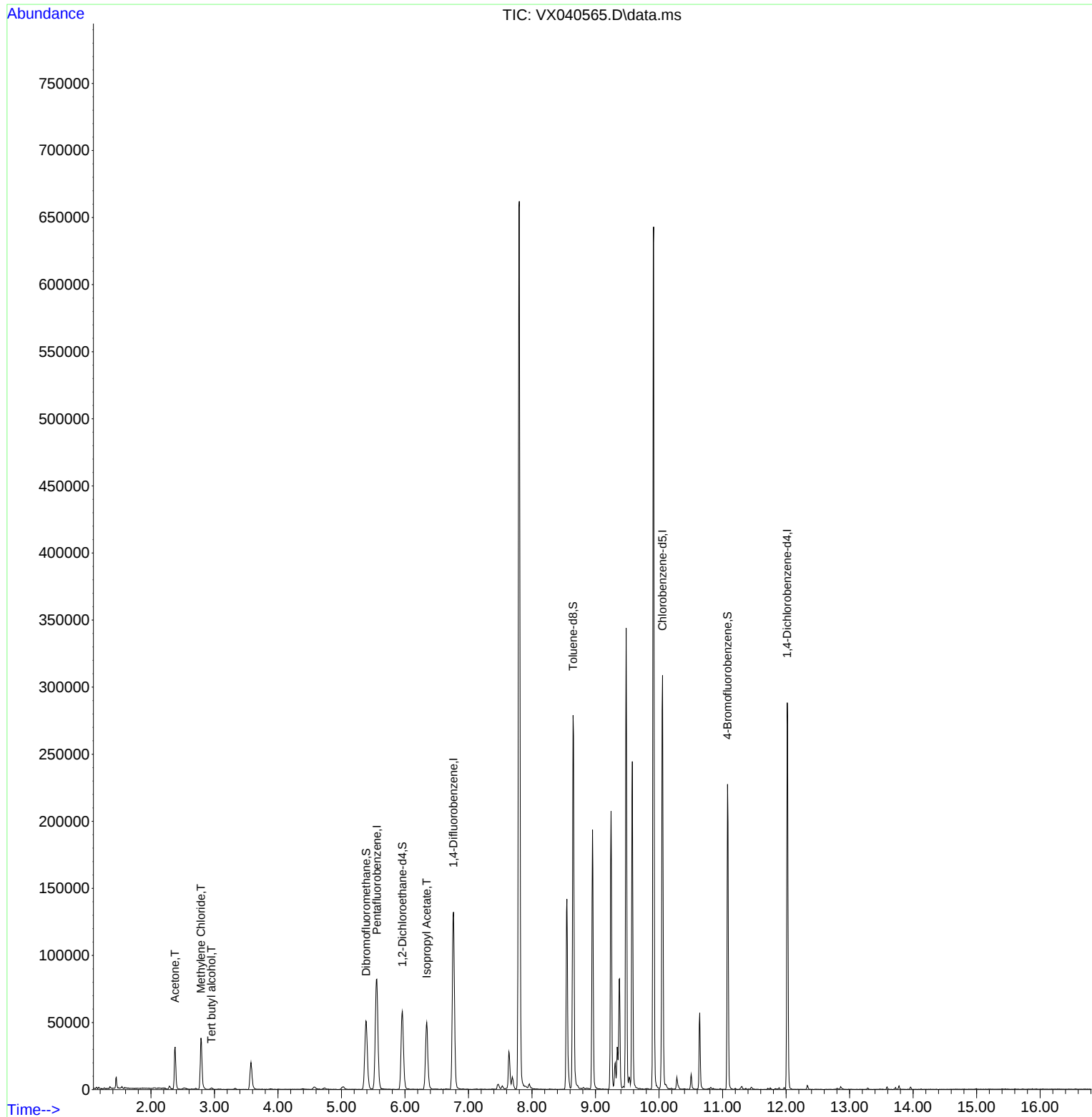
| Compound                    | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-----------------------------|--------|-------|----------|----------|--------|----------|
| -----                       |        |       |          |          |        |          |
| Internal Standards          |        |       |          |          |        |          |
| 1) Pentafluorobenzene       | 5.556  | 168   | 75584    | 50.000   | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene     | 6.763  | 114   | 128080   | 50.000   | ug/l   | 0.00     |
| 63) Chlorobenzene-d5        | 10.055 | 117   | 127562   | 50.000   | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 12.018 | 152   | 56283    | 50.000   | ug/l   | 0.00     |
| System Monitoring Compounds |        |       |          |          |        |          |
| 33) 1,2-Dichloroethane-d4   | 5.958  | 65    | 60634    | 47.963   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 74 - 125 | Recovery | =      | 95.920%  |
| 35) Dibromofluoromethane    | 5.385  | 113   | 42616    | 47.848   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | =      | 95.700%  |
| 50) Toluene-d8              | 8.647  | 98    | 160279   | 49.576   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 86 - 113 | Recovery | =      | 99.160%  |
| 62) 4-Bromofluorobenzene    | 11.079 | 95    | 58213    | 47.236   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 64 - 133 | Recovery | =      | 94.480%  |
| Target Compounds            |        |       |          |          |        |          |
|                             |        |       |          |          | Qvalue |          |
| 11) Tert butyl alcohol      | 2.953  | 59    | 1131     | 5.322    | ug/l # | 92       |
| 16) Acetone                 | 2.380  | 43    | 33411    | 81.041   | ug/l   | 97       |
| 20) Methylene Chloride      | 2.788  | 84    | 17426    | 17.663   | ug/l   | 98       |
| 43) Isopropyl Acetate       | 6.342  | 43    | 69573    | 29.524   | ug/l   | 97       |
| -----                       |        |       |          |          |        |          |

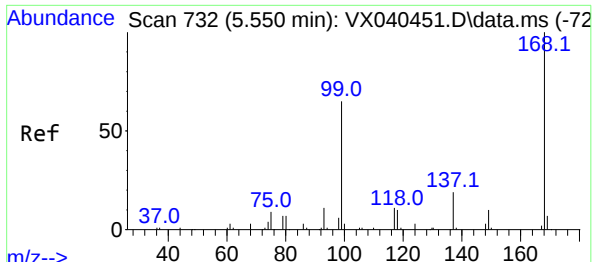
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Feb 27 05:01:33 2024  
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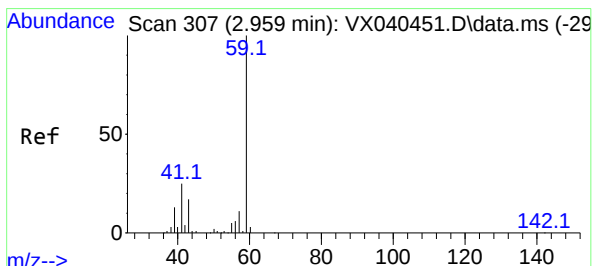
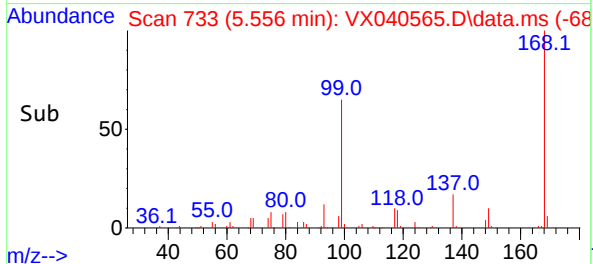
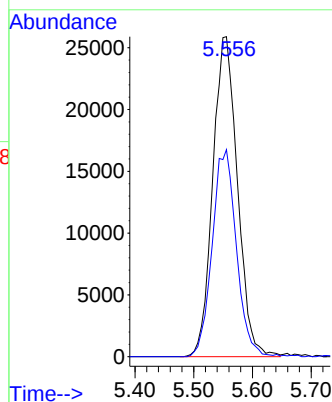
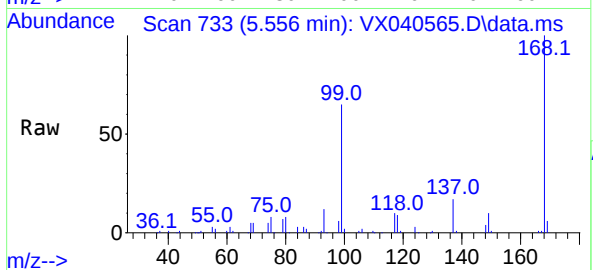




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.556 min Scan# 71  
Delta R.T. 0.006 min  
Lab File: VX040565.D  
Acq: 04 Mar 2024 13:47

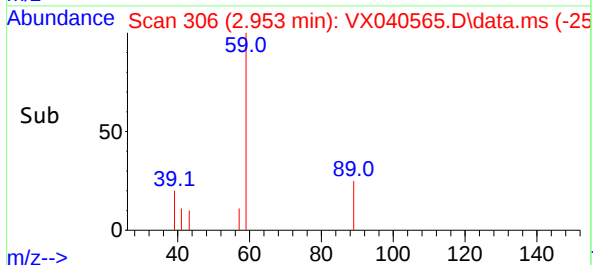
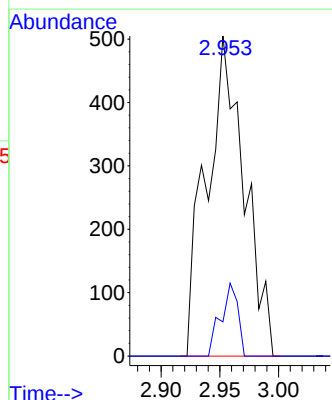
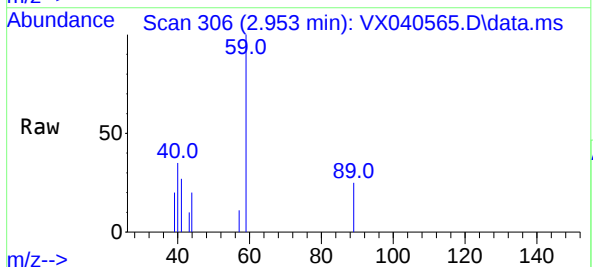
Instrument :  
MSVOA\_X  
ClientSampleId :  
PB159402TB

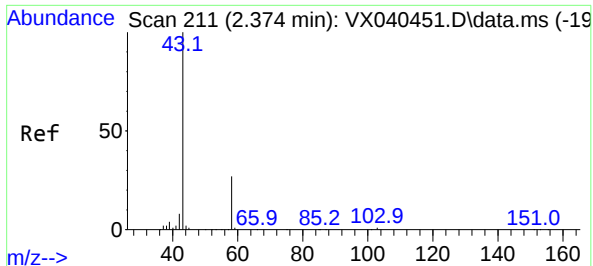
Tgt Ion:168 Resp: 75584  
Ion Ratio Lower Upper  
168 100  
99 64.7 56.6 85.0



#11  
Tert butyl alcohol  
Concen: 5.322 ug/l  
RT: 2.953 min Scan# 306  
Delta R.T. -0.006 min  
Lab File: VX040565.D  
Acq: 04 Mar 2024 13:47

Tgt Ion: 59 Resp: 1131  
Ion Ratio Lower Upper  
59 100  
57 10.3 6.0 9.0#

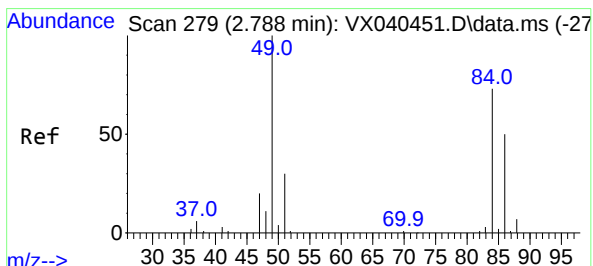
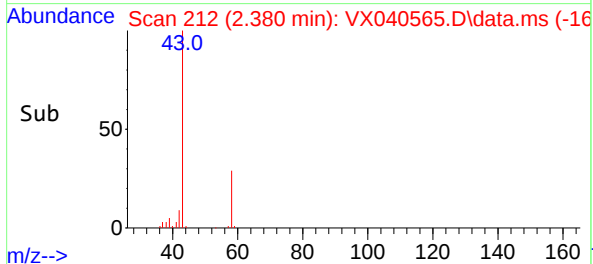
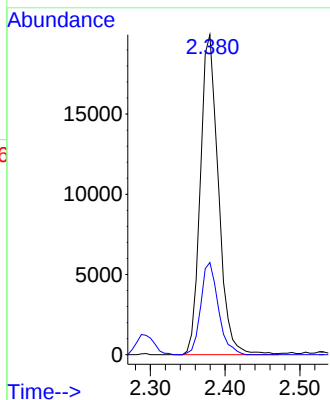
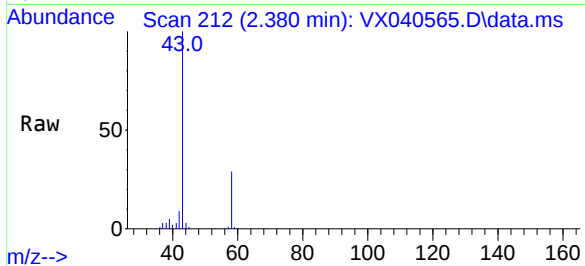




#16  
Acetone  
Concen: 81.041 ug/l  
RT: 2.380 min Scan# 211  
Delta R.T. 0.006 min  
Lab File: VX040565.D  
Acq: 04 Mar 2024 13:47

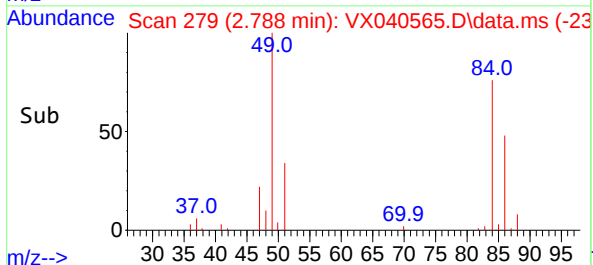
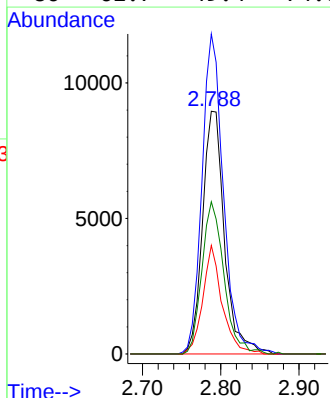
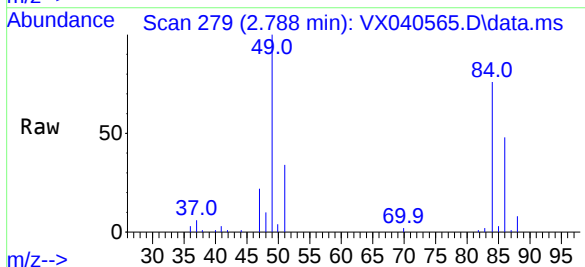
Instrument :  
MSVOA\_X  
ClientSampleId :  
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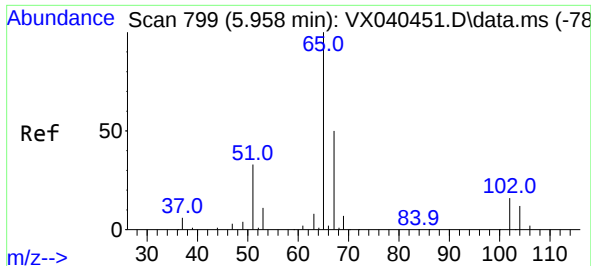
Tgt Ion: 43 Resp: 33411  
Ion Ratio Lower Upper  
43 100  
58 28.8 21.9 32.9



#20  
Methylene Chloride  
Concen: 17.663 ug/l  
RT: 2.788 min Scan# 279  
Delta R.T. -0.000 min  
Lab File: VX040565.D  
Acq: 04 Mar 2024 13:47

Tgt Ion: 84 Resp: 17426  
Ion Ratio Lower Upper  
84 100  
49 131.9 103.6 155.4  
51 44.7 33.8 50.6  
86 62.7 49.4 74.0

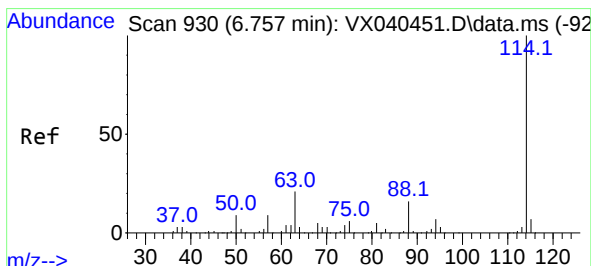
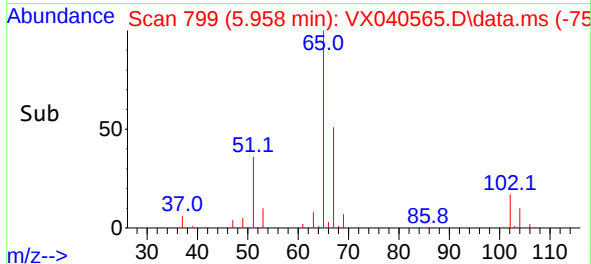
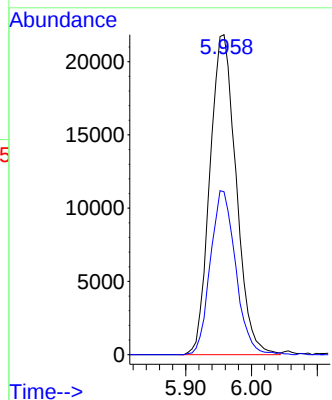
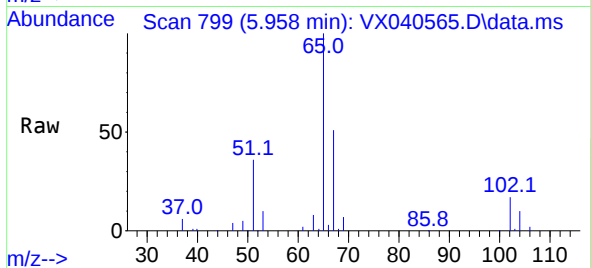




#33  
1,2-Dichloroethane-d4  
Concen: 47.963 ug/l  
RT: 5.958 min Scan# 799  
Delta R.T. 0.000 min  
Lab File: VX040565.D  
Acq: 04 Mar 2024 13:47

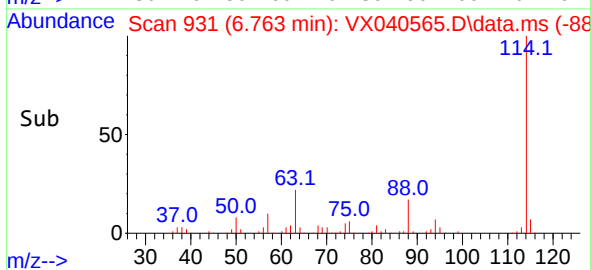
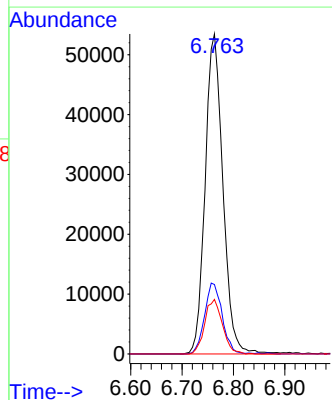
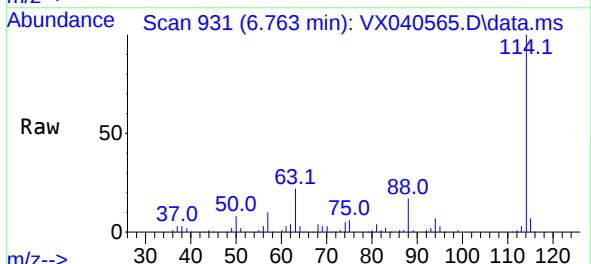
Instrument :  
MSVOA\_X  
ClientSampleId :  
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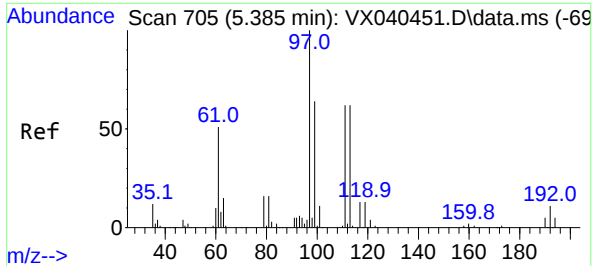
Tgt Ion: 65 Resp: 60634  
Ion Ratio Lower Upper  
65 100  
67 49.4 0.0 100.2



#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 6.763 min Scan# 931  
Delta R.T. 0.006 min  
Lab File: VX040565.D  
Acq: 04 Mar 2024 13:47

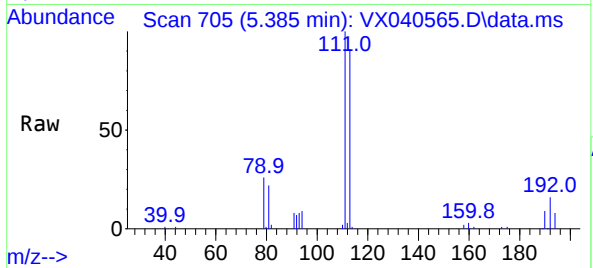
Tgt Ion: 114 Resp: 128080  
Ion Ratio Lower Upper  
114 100  
63 21.7 0.0 45.0  
88 17.0 0.0 36.6



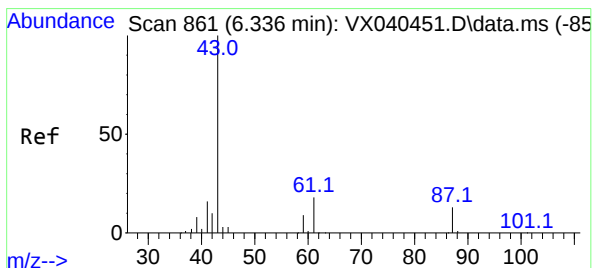
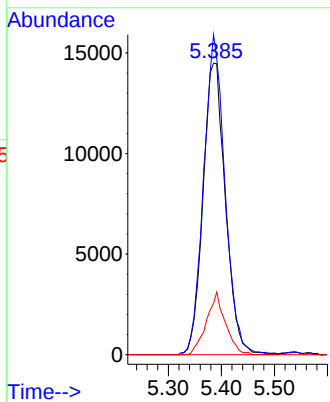
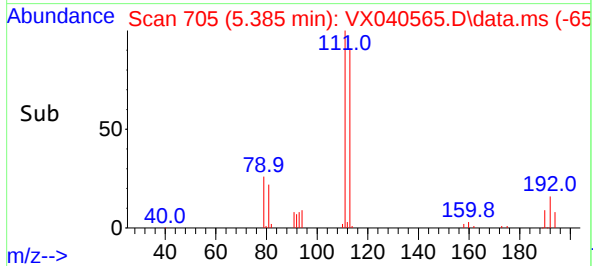


#35  
Dibromofluoromethane  
Concen: 47.848 ug/l  
RT: 5.385 min Scan# 705  
Delta R.T. 0.000 min  
Lab File: VX040565.D  
Acq: 04 Mar 2024 13:47

Instrument :  
MSVOA\_X  
ClientSampleId :  
PB159402TB

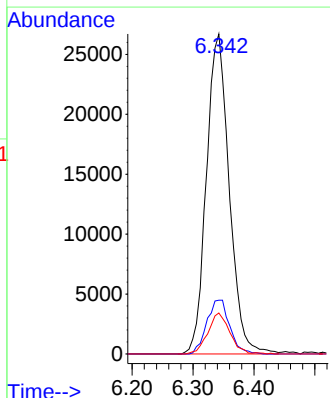
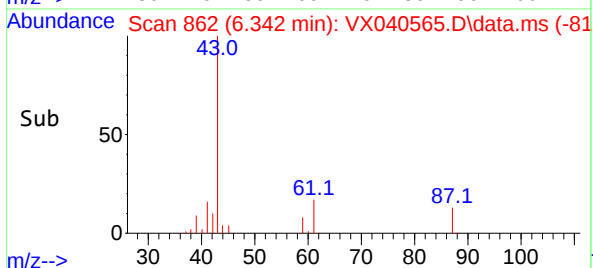
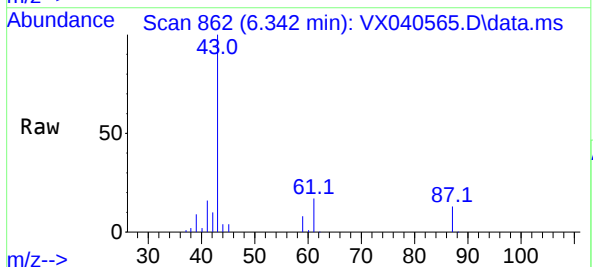


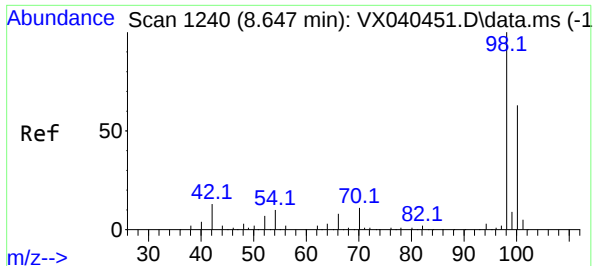
Tgt Ion:113 Resp: 42616  
Ion Ratio Lower Upper  
113 100  
111 104.8 82.9 124.3  
192 18.1 13.3 19.9



#43  
Isopropyl Acetate  
Concen: 29.524 ug/l  
RT: 6.342 min Scan# 862  
Delta R.T. 0.006 min  
Lab File: VX040565.D  
Acq: 04 Mar 2024 13:47

Tgt Ion: 43 Resp: 69573  
Ion Ratio Lower Upper  
43 100  
61 16.9 15.2 22.8  
87 12.2 9.8 14.6

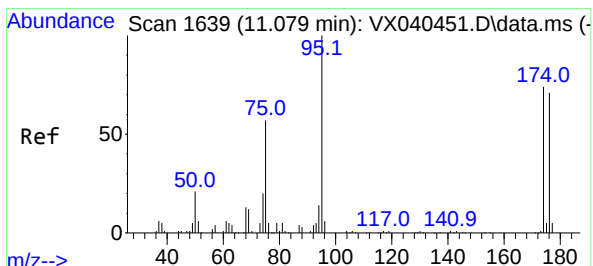
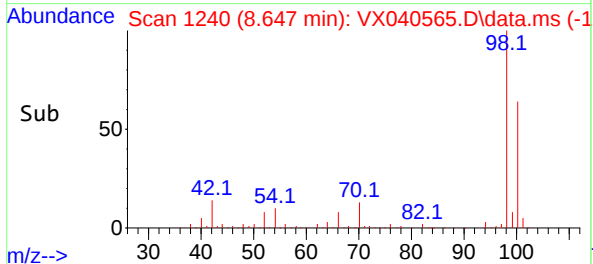
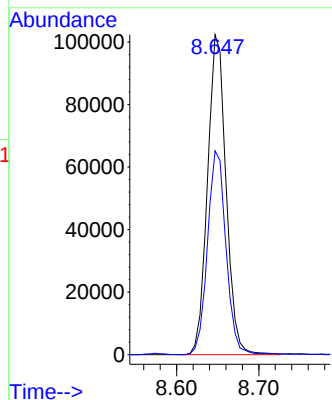
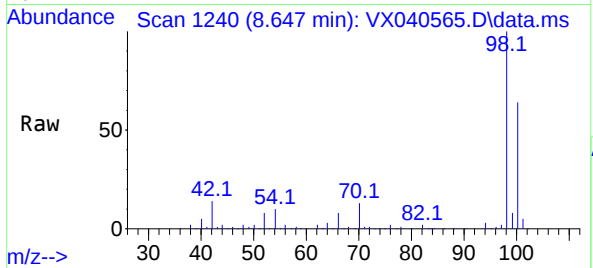




#50  
Toluene-d8  
Concen: 49.576 ug/l  
RT: 8.647 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VX040565.D  
Acq: 04 Mar 2024 13:47

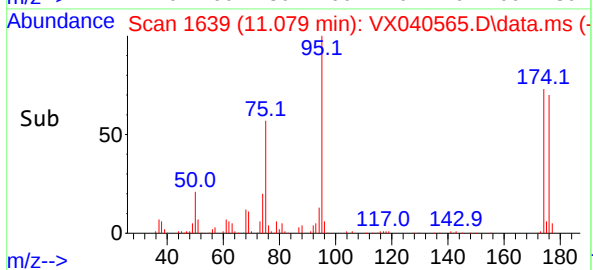
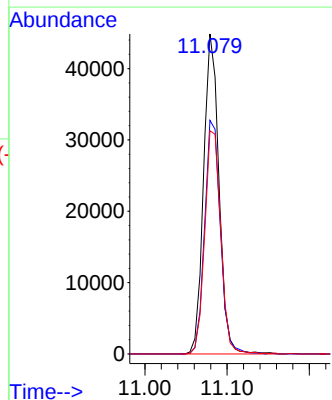
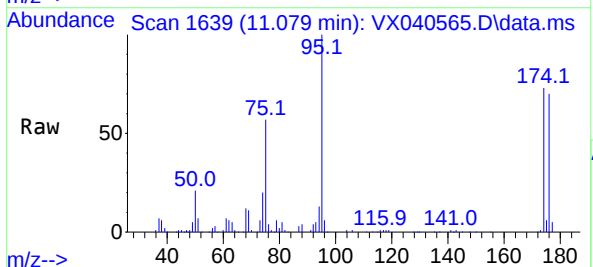
Instrument :  
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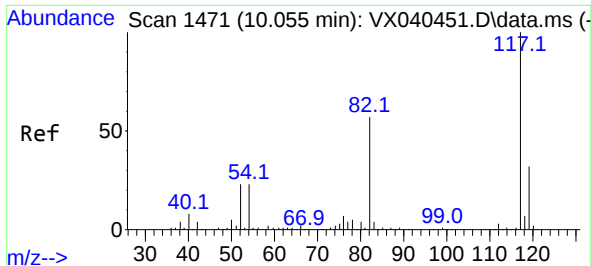
Tgt Ion: 98 Resp: 160279  
Ion Ratio Lower Upper  
98 100  
100 63.7 53.1 79.7



#62  
4-Bromofluorobenzene  
Concen: 47.236 ug/l  
RT: 11.079 min Scan# 1639  
Delta R.T. 0.000 min  
Lab File: VX040565.D  
Acq: 04 Mar 2024 13:47

Tgt Ion: 95 Resp: 58213  
Ion Ratio Lower Upper  
95 100  
174 75.1 0.0 135.6  
176 73.0 0.0 131.0

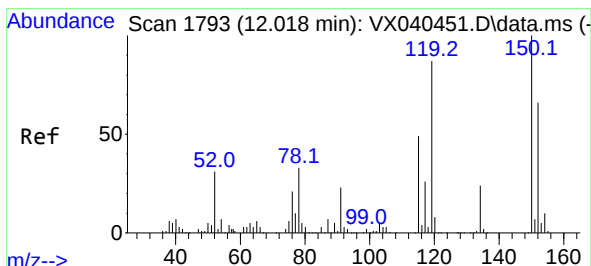
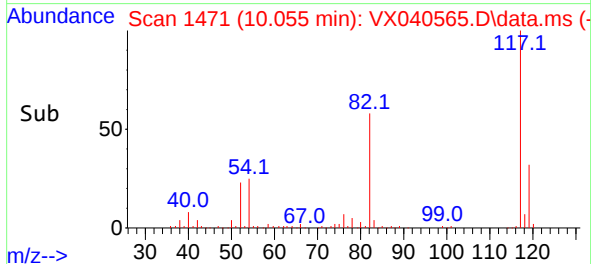
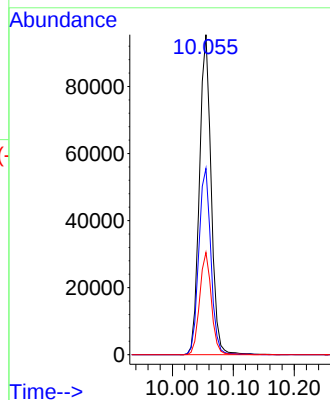
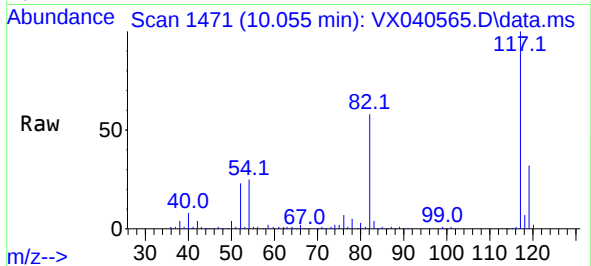




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.055 min Scan# 1471  
Delta R.T. -0.000 min  
Lab File: VX040565.D  
Acq: 04 Mar 2024 13:47

Instrument :  
MSVOA\_X  
ClientSampleId :  
PB159402TB

Tgt Ion:117 Resp: 127562  
Ion Ratio Lower Upper  
117 100  
82 58.2 46.2 69.4  
119 32.0 25.5 38.3



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 12.018 min Scan# 1793  
Delta R.T. 0.000 min  
Lab File: VX040565.D  
Acq: 04 Mar 2024 13:47

Tgt Ion:152 Resp: 56283  
Ion Ratio Lower Upper  
152 100  
115 63.5 43.3 129.9  
150 157.9 0.0 345.0

