

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX030422\  
 Data File : VX027304.D  
 Acq On : 04 Mar 2022 16:17  
 Operator : JC/MD  
 Sample : N1793-11  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 SB-5

Quant Time: Mar 05 00:45:01 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

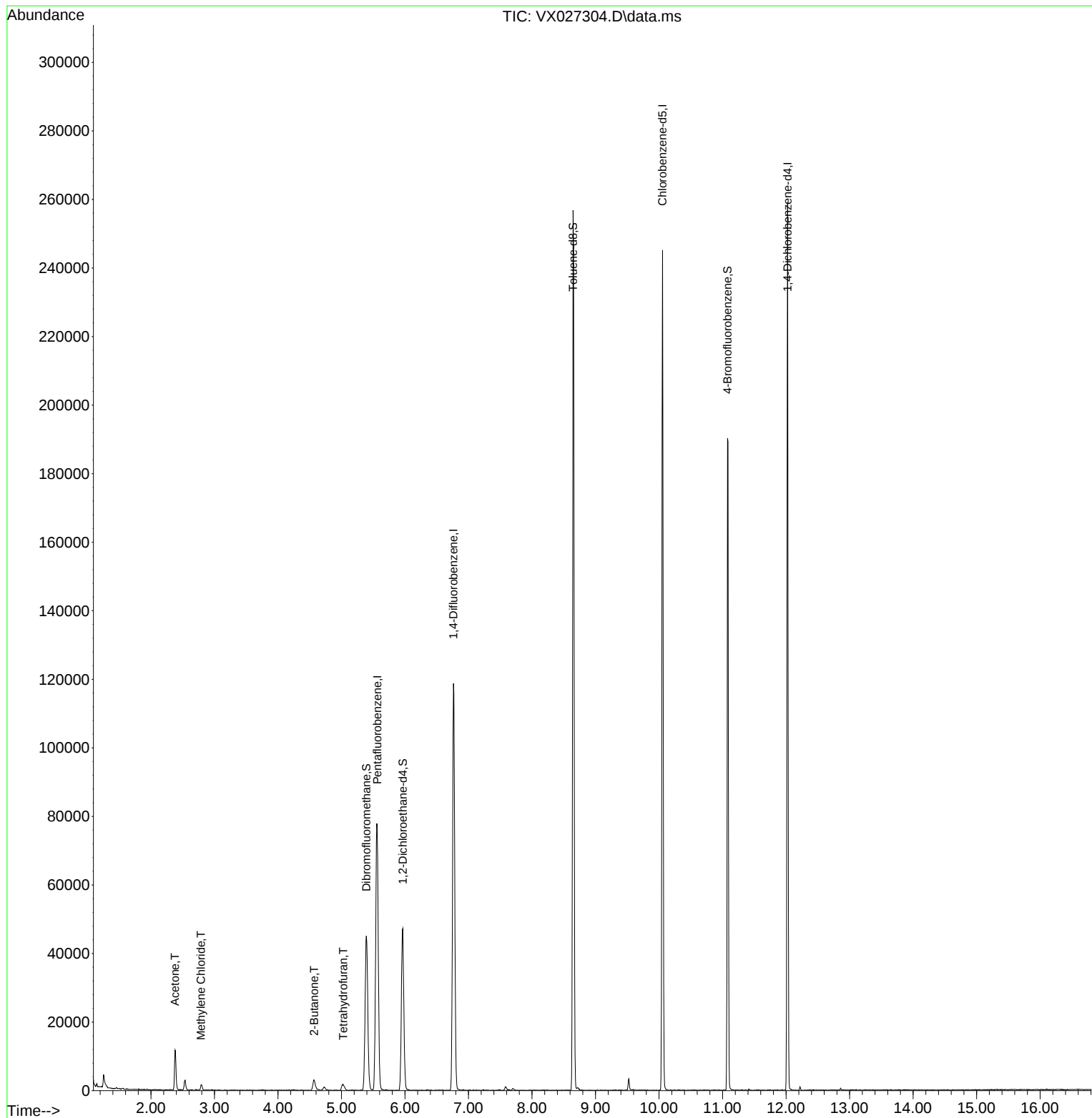
| Compound                    | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-----------------------------|--------|-------|----------|----------|--------|----------|
| -----                       |        |       |          |          |        |          |
| Internal Standards          |        |       |          |          |        |          |
| 1) Pentafluorobenzene       | 5.562  | 168   | 78275    | 50.000   | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene     | 6.763  | 114   | 125968   | 50.000   | ug/l   | 0.00     |
| 63) Chlorobenzene-d5        | 10.055 | 117   | 112142   | 50.000   | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 12.024 | 152   | 53198    | 50.000   | ug/l   | 0.00     |
| System Monitoring Compounds |        |       |          |          |        |          |
| 33) 1,2-Dichloroethane-d4   | 5.964  | 65    | 46630    | 49.602   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 78 - 117 | Recovery | =      | 99.200%  |
| 35) Dibromofluoromethane    | 5.391  | 113   | 40422    | 51.697   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | =      | 103.400% |
| 50) Toluene-d8              | 8.647  | 98    | 150525   | 51.486   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 92 - 112 | Recovery | =      | 102.980% |
| 62) 4-Bromofluorobenzene    | 11.079 | 95    | 52480    | 46.764   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 83 - 123 | Recovery | =      | 93.520%  |
| Target Compounds            |        |       |          |          |        |          |
|                             |        |       |          |          | Qvalue |          |
| 16) Acetone                 | 2.380  | 43    | 12402    | 30.047   | ug/l   | 98       |
| 20) Methylene Chloride      | 2.788  | 84    | 756      | 0.884    | ug/l   | 88       |
| 25) 2-Butanone              | 4.568  | 43    | 5790     | 8.808    | ug/l   | 93       |
| 29) Tetrahydrofuran         | 5.025  | 42    | 1567     | 3.562    | ug/l   | 94       |
| -----                       |        |       |          |          |        |          |

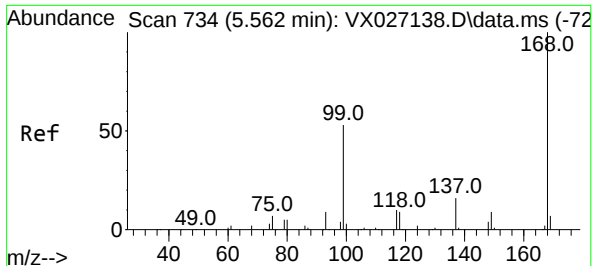
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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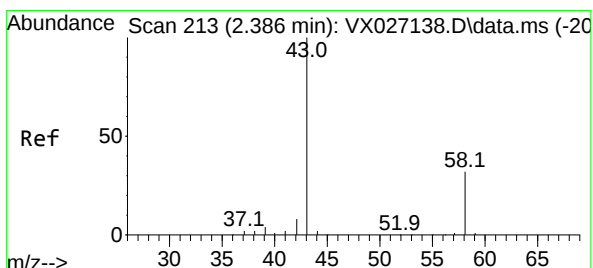
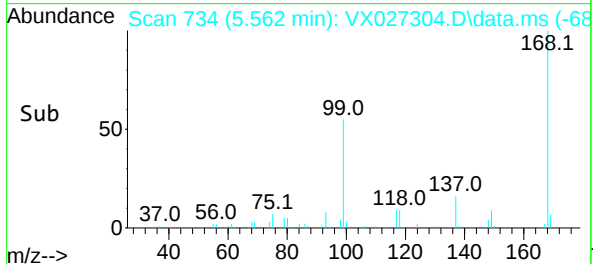
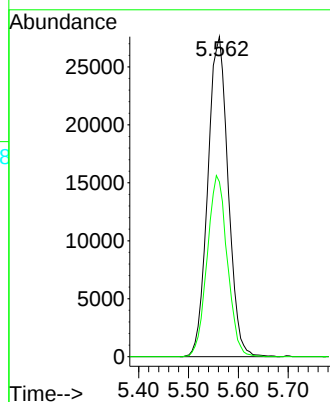
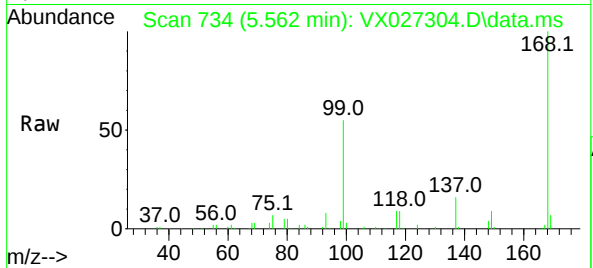




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.562 min Scan# 71  
Delta R.T. -0.000 min  
Lab File: VX027304.D  
Acq: 04 Mar 2022 16:17

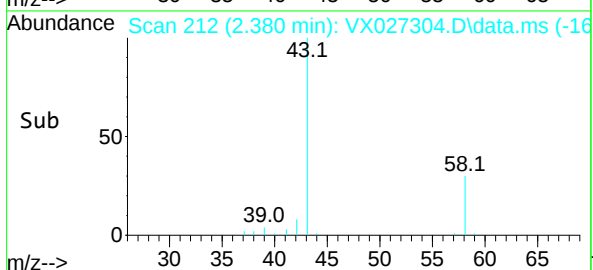
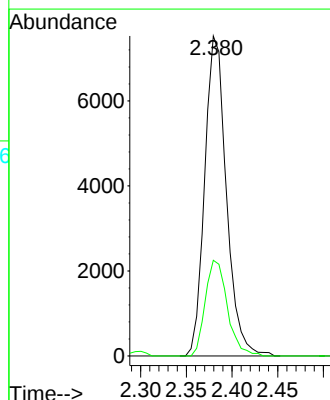
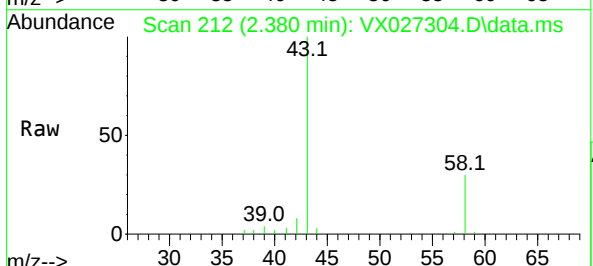
Instrument :  
MSVOA\_X  
ClientSampleId :  
SB-5

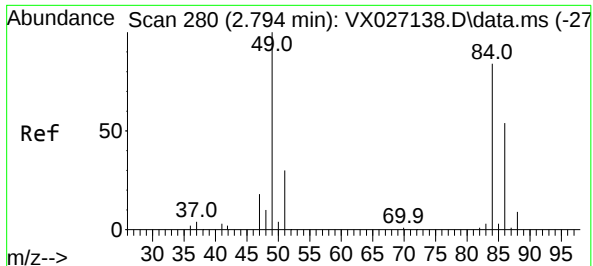
Tgt Ion:168 Resp: 78275  
Ion Ratio Lower Upper  
168 100  
99 54.6 50.3 75.5



#16  
Acetone  
Concen: 30.047 ug/l  
RT: 2.380 min Scan# 212  
Delta R.T. -0.006 min  
Lab File: VX027304.D  
Acq: 04 Mar 2022 16:17

Tgt Ion: 43 Resp: 12402  
Ion Ratio Lower Upper  
43 100  
58 29.9 23.0 34.6

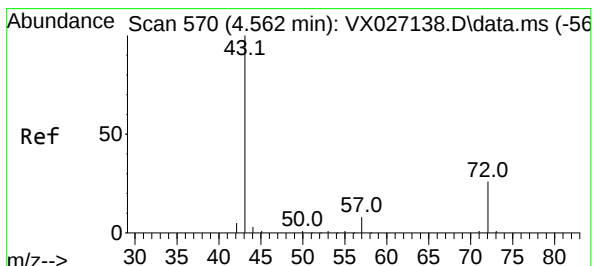
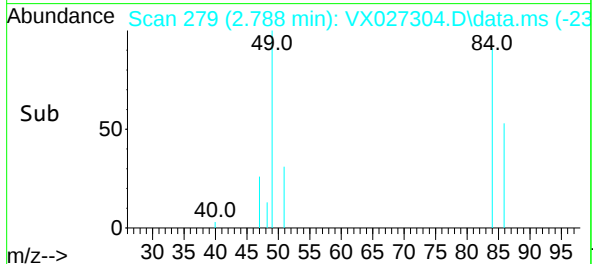
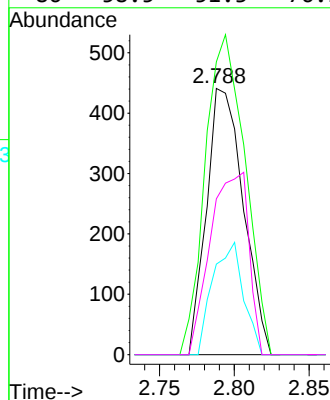
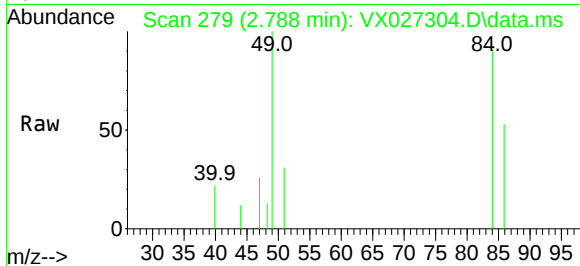




#20  
Methylene Chloride  
Concen: 0.884 ug/l  
RT: 2.788 min Scan# 21  
Delta R.T. -0.006 min  
Lab File: VX027304.D  
Acq: 04 Mar 2022 16:17

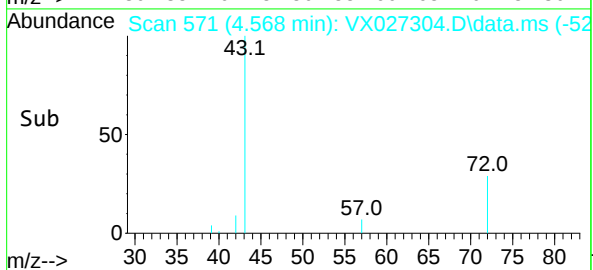
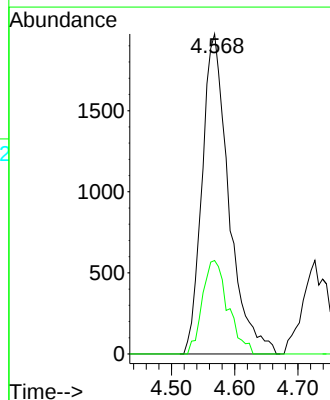
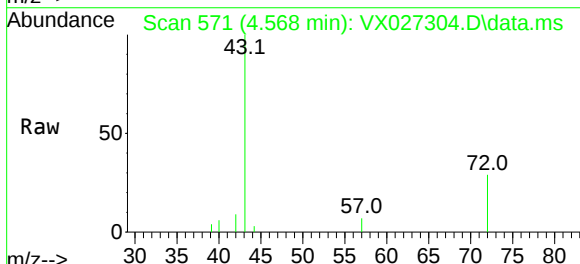
Instrument :  
MSVOA\_X  
ClientSampleId :  
SB-5

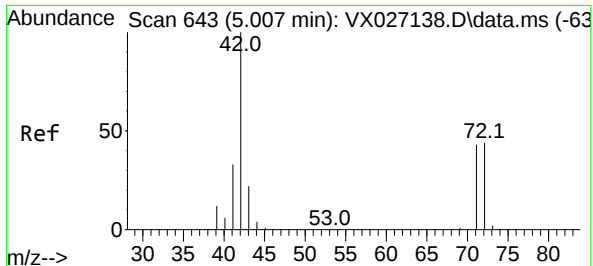
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 84    | Resp: | 756   |
| Ion      | Ratio | Lower | Upper |
| 84       | 100   |       |       |
| 49       | 110.0 | 101.5 | 152.3 |
| 51       | 34.0  | 31.2  | 46.8  |
| 86       | 58.5  | 51.3  | 76.9  |



#25  
2-Butanone  
Concen: 8.808 ug/l  
RT: 4.568 min Scan# 571  
Delta R.T. 0.006 min  
Lab File: VX027304.D  
Acq: 04 Mar 2022 16:17

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 43    | Resp: | 5790  |
| Ion      | Ratio | Lower | Upper |
| 43       | 100   |       |       |
| 72       | 29.2  | 20.4  | 30.6  |





#29

Tetrahydrofuran

Concen: 3.562 ug/l

RT: 5.025 min Scan# 64

Delta R.T. 0.018 min

Lab File: VX027304.D

Acq: 04 Mar 2022 16:17

Instrument :

MSVOA\_X

ClientSampleId :

SB-5

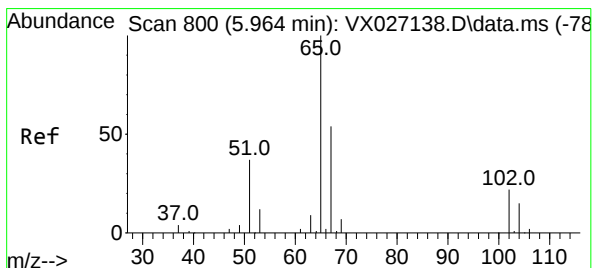
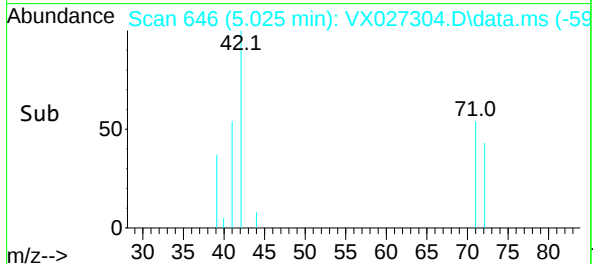
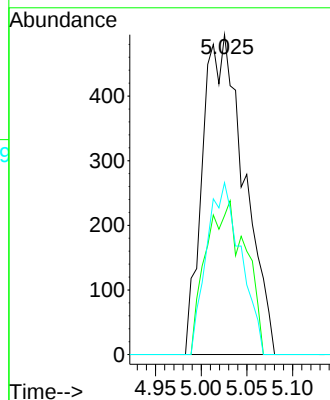
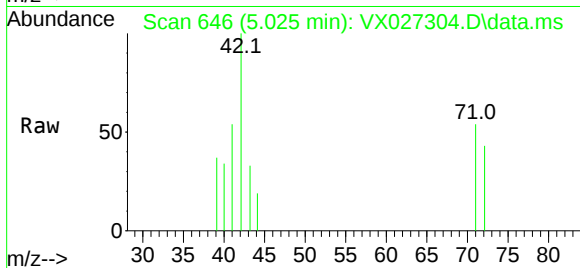
Tgt Ion: 42 Resp: 1567

Ion Ratio Lower Upper

42 100

72 46.1 34.6 52.0

71 44.2 31.8 47.8



#33

1,2-Dichloroethane-d4

Concen: 49.602 ug/l

RT: 5.964 min Scan# 800

Delta R.T. 0.000 min

Lab File: VX027304.D

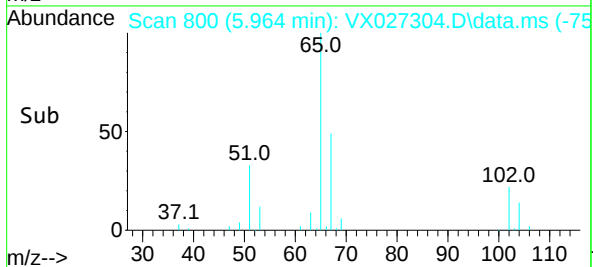
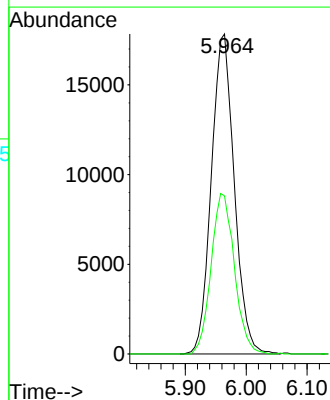
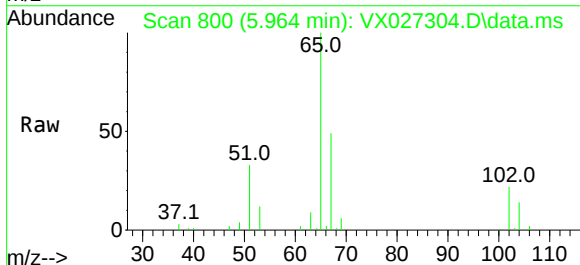
Acq: 04 Mar 2022 16:17

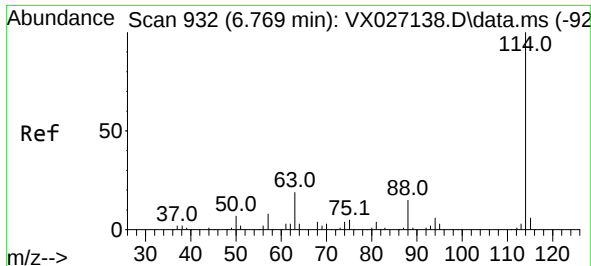
Tgt Ion: 65 Resp: 46630

Ion Ratio Lower Upper

65 100

67 51.0 0.0 100.8

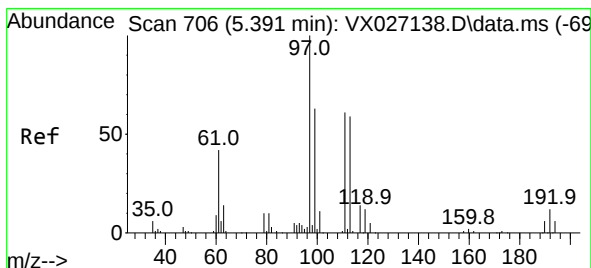
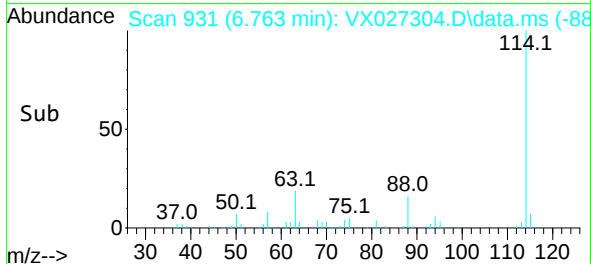
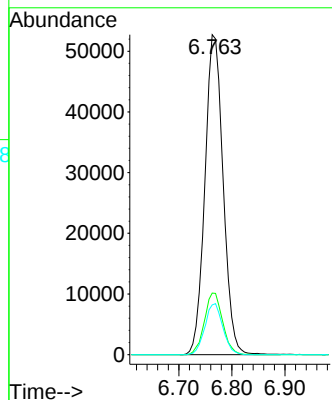
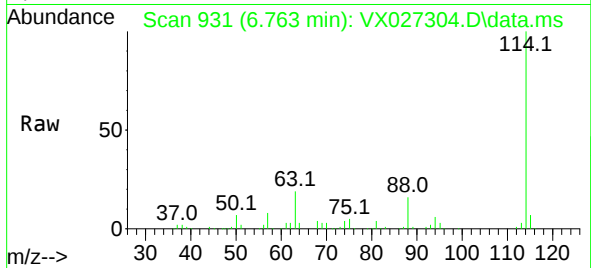




#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 6.763 min Scan# 91  
Delta R.T. -0.006 min  
Lab File: VX027304.D  
Acq: 04 Mar 2022 16:17

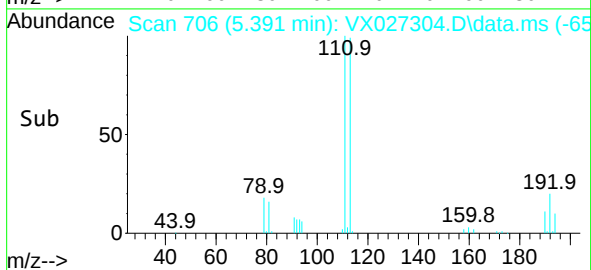
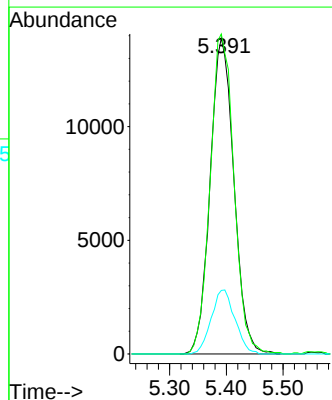
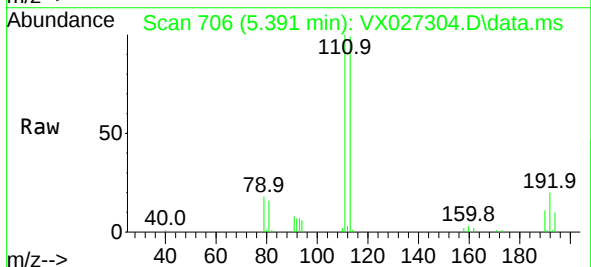
Instrument :  
MSVOA\_X  
ClientSampleId :  
SB-5

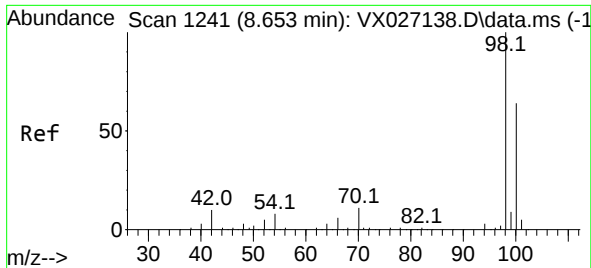
Tgt Ion:114 Resp: 125968  
Ion Ratio Lower Upper  
114 100  
63 19.2 0.0 42.8  
88 15.6 0.0 33.0



#35  
Dibromofluoromethane  
Concen: 51.697 ug/l  
RT: 5.391 min Scan# 706  
Delta R.T. 0.000 min  
Lab File: VX027304.D  
Acq: 04 Mar 2022 16:17

Tgt Ion:113 Resp: 40422  
Ion Ratio Lower Upper  
113 100  
111 101.4 81.2 121.8  
192 20.2 15.0 22.4

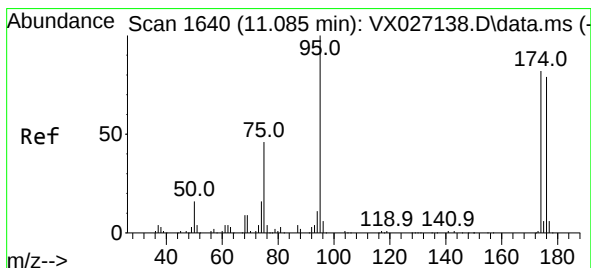
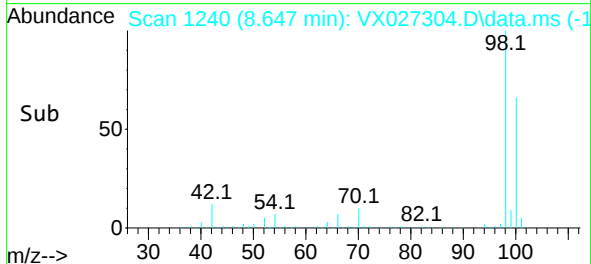
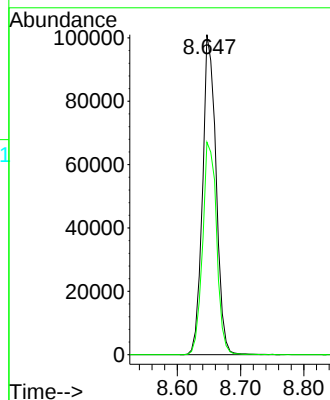
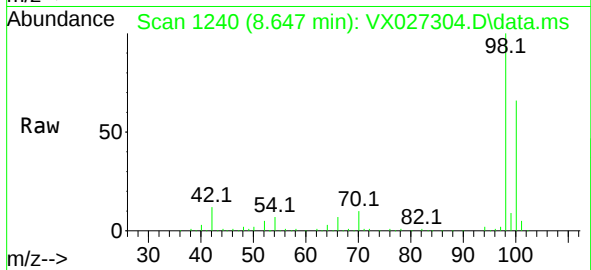




#50  
Toluene-d8  
Concen: 51.486 ug/l  
RT: 8.647 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: VX027304.D  
Acq: 04 Mar 2022 16:17

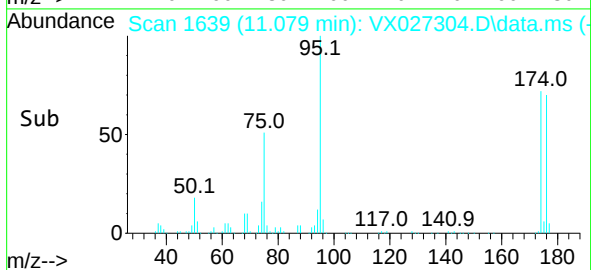
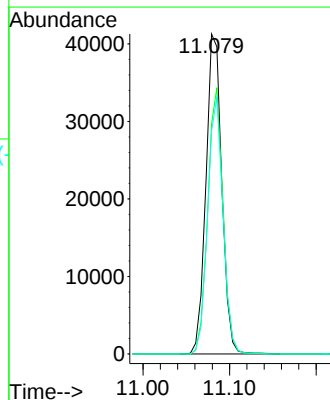
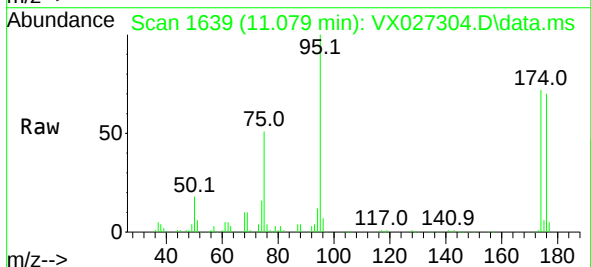
Instrument :  
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ClientSampleId :  
SB-5

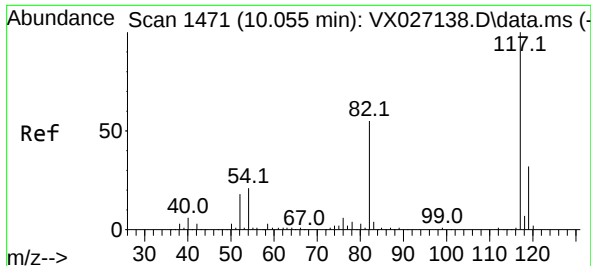
Tgt Ion: 98 Resp: 150525  
Ion Ratio Lower Upper  
98 100  
100 68.7 53.2 79.8



#62  
4-Bromofluorobenzene  
Concen: 46.764 ug/l  
RT: 11.079 min Scan# 1639  
Delta R.T. -0.006 min  
Lab File: VX027304.D  
Acq: 04 Mar 2022 16:17

Tgt Ion: 95 Resp: 52480  
Ion Ratio Lower Upper  
95 100  
174 80.6 0.0 148.6  
176 77.5 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: VX027304.D

Acq: 04 Mar 2022 16:17

Instrument :

MSVOA\_X

ClientSampleId :

SB-5

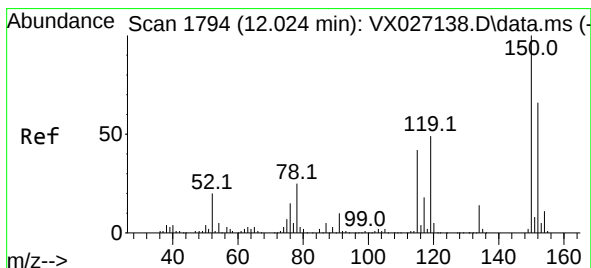
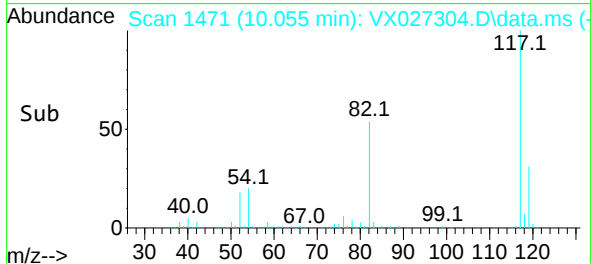
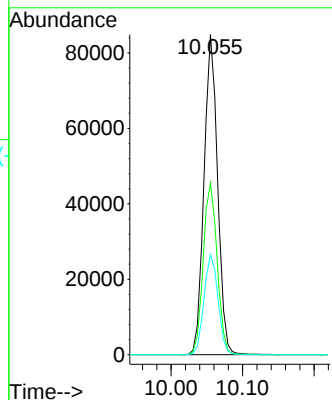
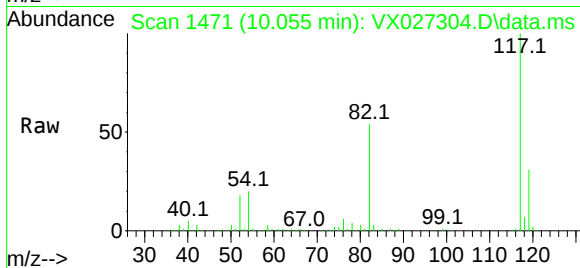
Tgt Ion:117 Resp: 112142

Ion Ratio Lower Upper

117 100

82 53.6 45.2 67.8

119 31.3 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: VX027304.D

Acq: 04 Mar 2022 16:17

Tgt Ion:152 Resp: 53198

Ion Ratio Lower Upper

152 100

115 56.5 44.2 132.6

150 151.5 0.0 348.2

