

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX062821\  
 Data File : VX022982.D  
 Acq On : 28 Jun 2021 16:36  
 Operator : JC/MD  
 Sample : M2826-02 100X  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 19 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 LS-1(LIQUID-BLUE)

Quant Time: Jun 28 17:00:32 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X062321W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Jun 23 19:12:26 2021  
 Response via : Initial Calibration

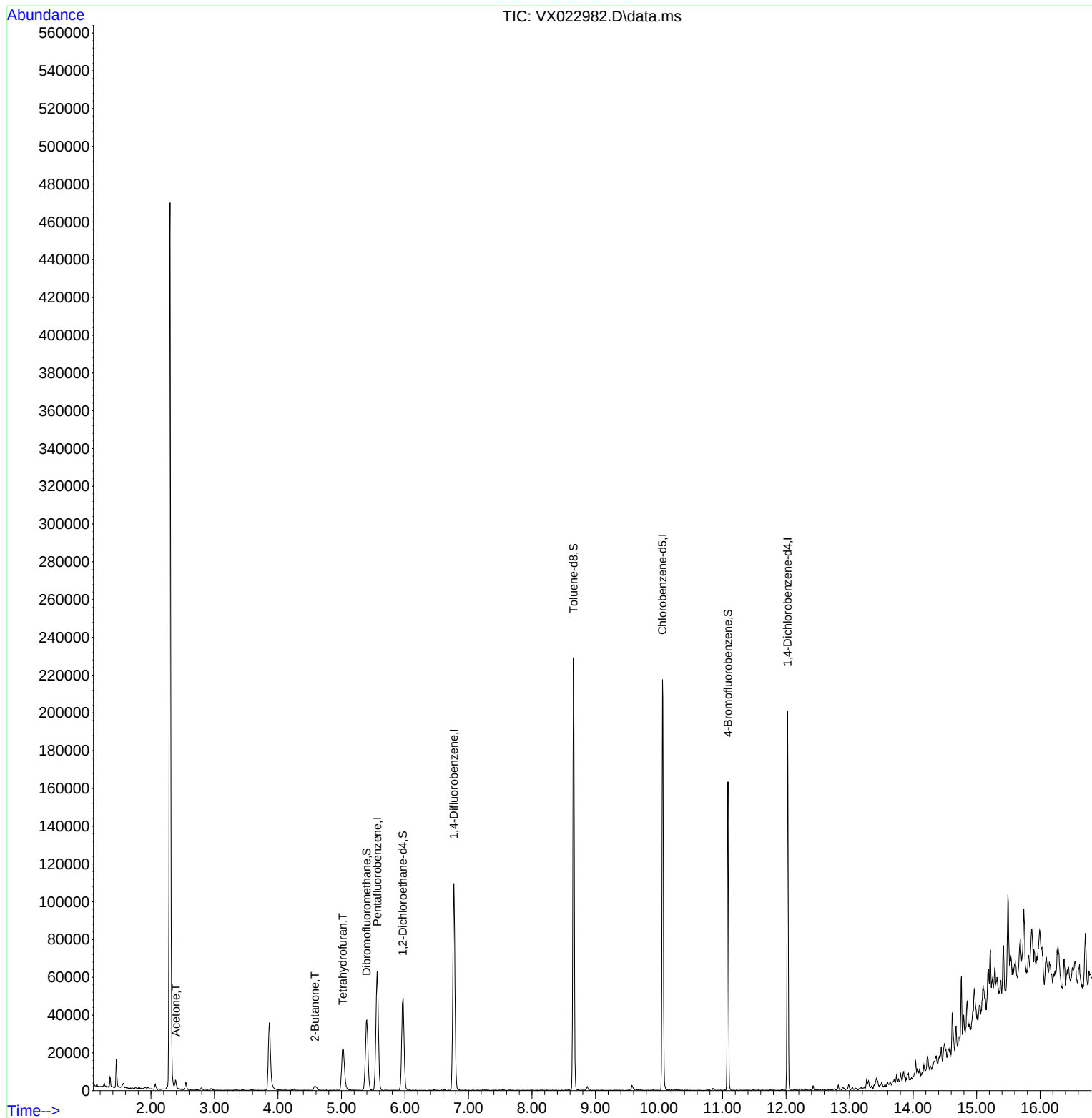
| Compound                    | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-----------------------------|--------|-------|----------|----------|--------|----------|
| -----                       |        |       |          |          |        |          |
| Internal Standards          |        |       |          |          |        |          |
| 1) Pentafluorobenzene       | 5.562  | 168   | 50347    | 50.000   | ug/l   | # 0.00   |
| 34) 1,4-Difluorobenzene     | 6.769  | 114   | 102551   | 50.000   | ug/l   | 0.00     |
| 63) Chlorobenzene-d5        | 10.055 | 117   | 87176    | 50.000   | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 12.024 | 152   | 33524    | 50.000   | ug/l   | 0.00     |
| System Monitoring Compounds |        |       |          |          |        |          |
| 33) 1,2-Dichloroethane-d4   | 5.964  | 65    | 44953    | 49.199   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 78 - 117 | Recovery | =      | 98.400%  |
| 35) Dibromofluoromethane    | 5.397  | 113   | 31058    | 47.692   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | =      | 95.380%  |
| 50) Toluene-d8              | 8.653  | 98    | 124564   | 48.805   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 92 - 112 | Recovery | =      | 97.620%  |
| 62) 4-Bromofluorobenzene    | 11.085 | 95    | 42714    | 44.843   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 83 - 123 | Recovery | =      | 89.680%  |
| Target Compounds            |        |       |          |          |        |          |
|                             |        |       |          |          |        | Qvalue   |
| 16) Acetone                 | 2.391  | 43    | 4236     | 10.458   | ug/l   | 98       |
| 25) 2-Butanone              | 4.580  | 43    | 1640     | 2.604    | ug/l   | 97       |
| 29) Tetrahydrofuran         | 5.019  | 42    | 22025    | 54.361   | ug/l # | 84       |
| -----                       |        |       |          |          |        |          |

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

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Sample : M2826-02 100X  
Misc : 5.0mL/MSVOA\_X/WATER  
ALS Vial : 19 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
LS-1(LIQUID-BLUE)

Quant Time: Jun 28 17:00:32 2021  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X062321W.M  
Quant Title : SW846 8260  
QLast Update : Wed Jun 23 19:12:26 2021  
Response via : Initial Calibration

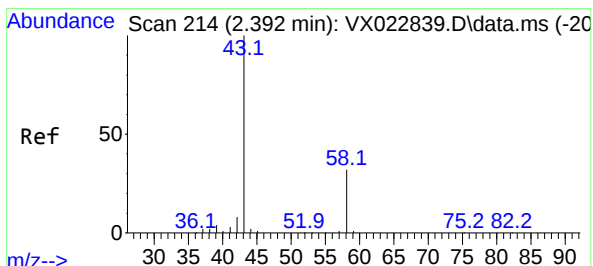
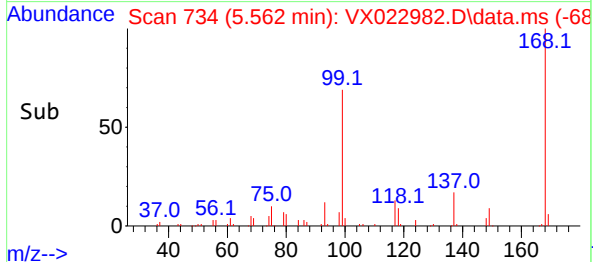
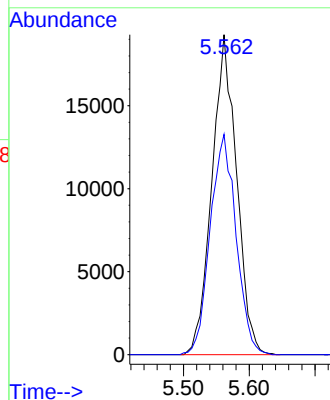
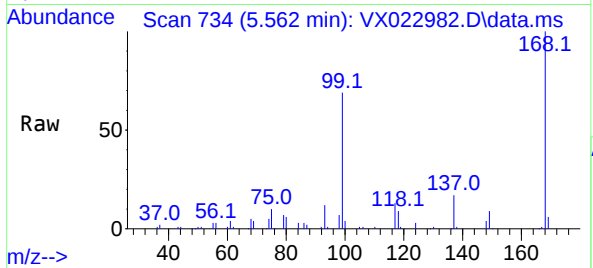




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.562 min Scan# 734  
Delta R.T. 0.006 min  
Lab File: VX022982.D  
Acq: 28 Jun 2021 16:36

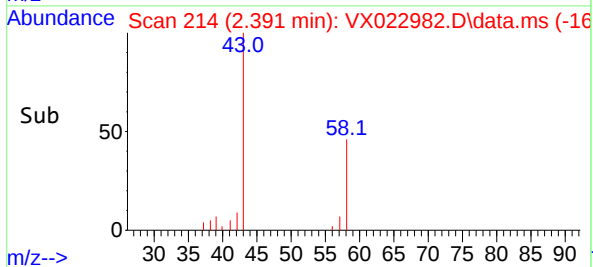
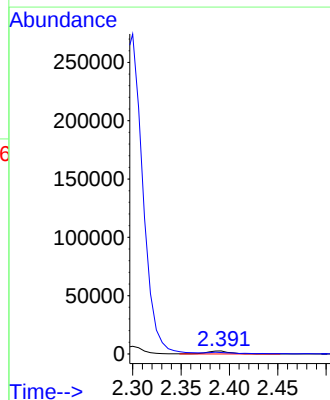
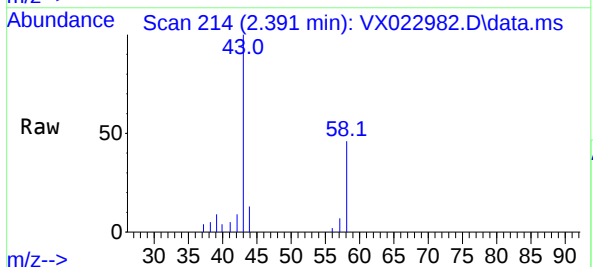
Instrument :  
MSVOA\_X  
ClientSampleId :  
LS-1(LIQUID-BLUE)

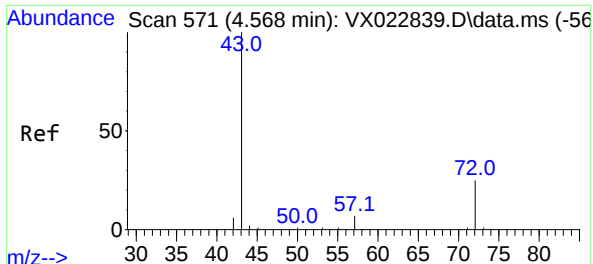
Tgt Ion:168 Resp: 50347  
Ion Ratio Lower Upper  
168 100  
99 68.9 45.8 68.6#



#16  
Acetone  
Concen: 10.458 ug/l  
RT: 2.391 min Scan# 214  
Delta R.T. -0.001 min  
Lab File: VX022982.D  
Acq: 28 Jun 2021 16:36

Tgt Ion: 43 Resp: 4236  
Ion Ratio Lower Upper  
43 100  
58 33.5 27.8 41.8

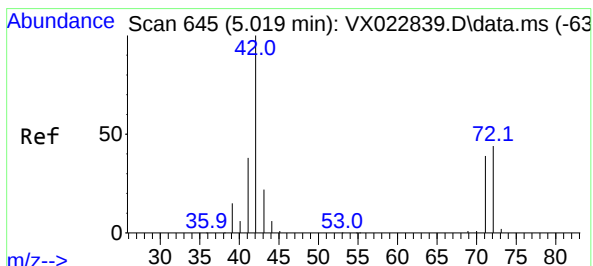
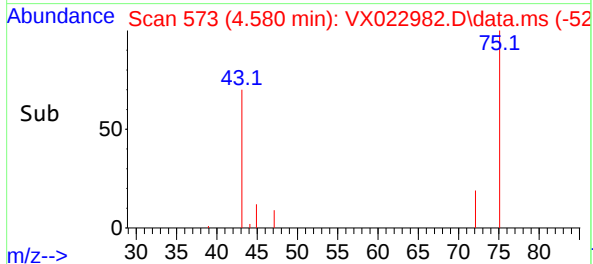
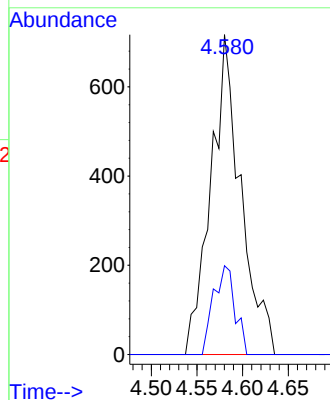
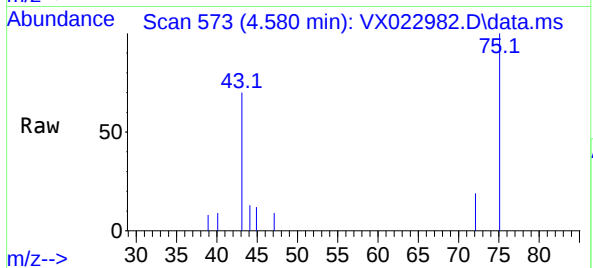




#25  
2-Butanone  
Concen: 2.604 ug/l  
RT: 4.580 min Scan# 573  
Delta R.T. 0.012 min  
Lab File: VX022982.D  
Acq: 28 Jun 2021 16:36

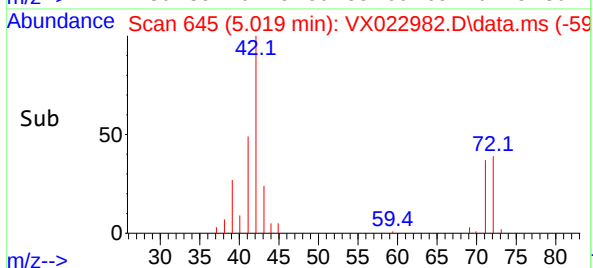
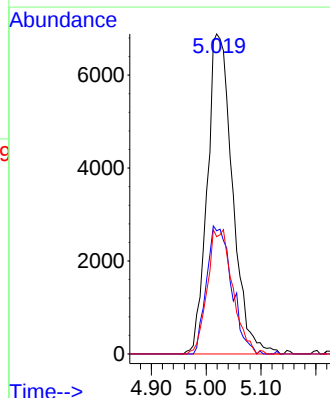
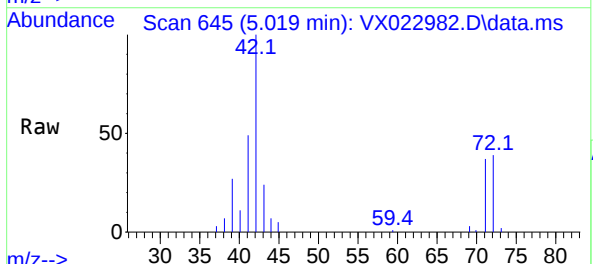
Instrument :  
MSVOA\_X  
ClientSampleId :  
LS-1(LIQUID-BLUE)

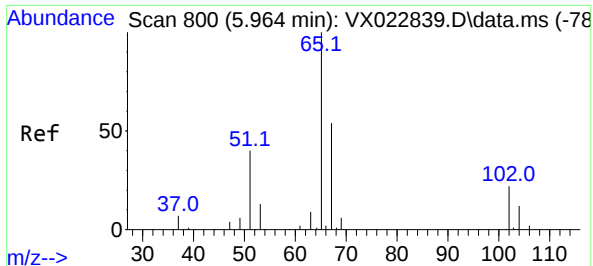
Tgt Ion: 43 Resp: 1640  
Ion Ratio Lower Upper  
43 100  
72 27.8 23.7 35.5



#29  
Tetrahydrofuran  
Concen: 54.361 ug/l  
RT: 5.019 min Scan# 645  
Delta R.T. 0.000 min  
Lab File: VX022982.D  
Acq: 28 Jun 2021 16:36

Tgt Ion: 42 Resp: 22025  
Ion Ratio Lower Upper  
42 100  
72 39.7 41.7 62.5#  
71 38.7 38.4 57.6



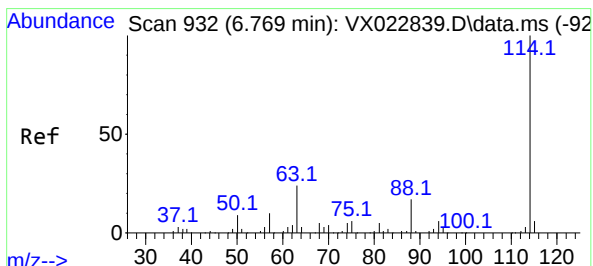
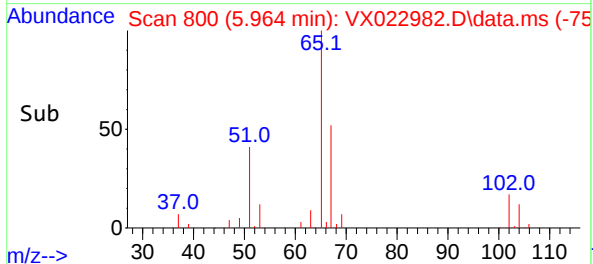
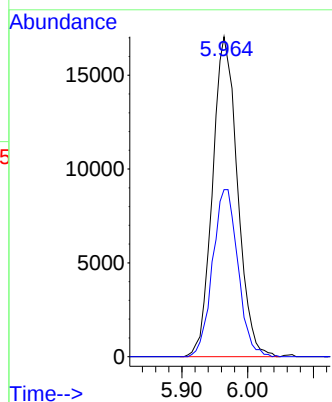
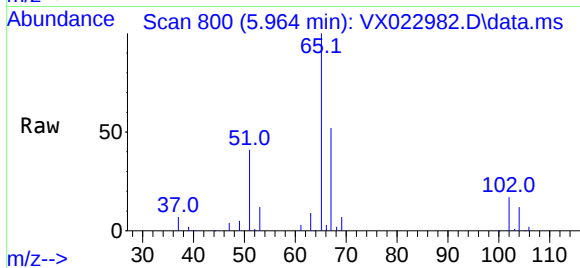


#33

1,2-Dichloroethane-d4  
Concen: 49.199 ug/l  
RT: 5.964 min Scan# 800  
Delta R.T. -0.000 min  
Lab File: VX022982.D  
Acq: 28 Jun 2021 16:36

Instrument :  
MSVOA\_X  
ClientSampleId :  
LS-1(LIQUID-BLUE)

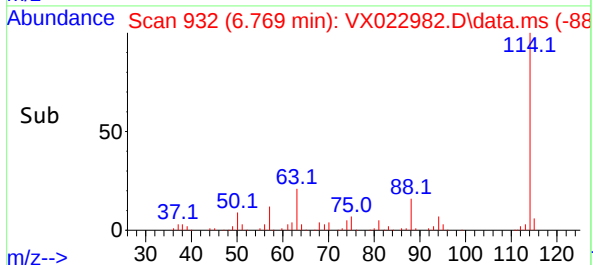
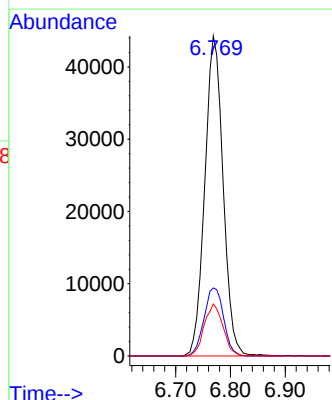
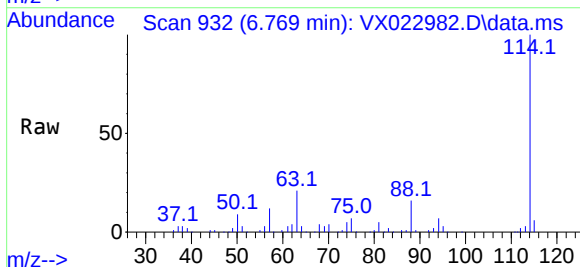
Tgt Ion: 65 Resp: 44953  
Ion Ratio Lower Upper  
65 100  
67 53.1 0.0 105.4

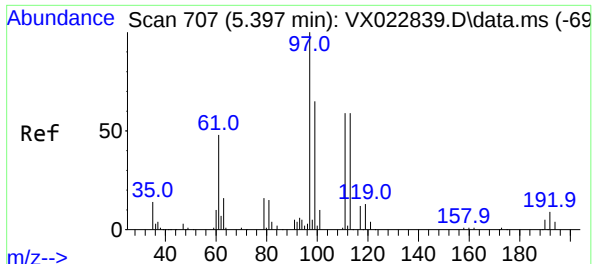


#34

1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 6.769 min Scan# 932  
Delta R.T. -0.000 min  
Lab File: VX022982.D  
Acq: 28 Jun 2021 16:36

Tgt Ion: 114 Resp: 102551  
Ion Ratio Lower Upper  
114 100  
63 21.2 0.0 40.8  
88 16.3 0.0 32.8

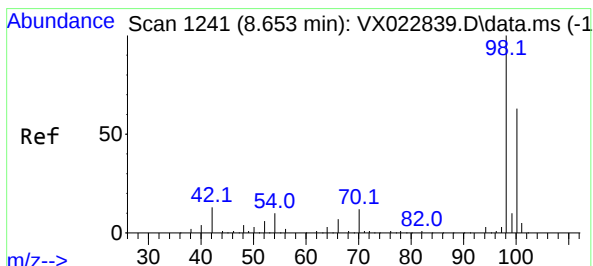
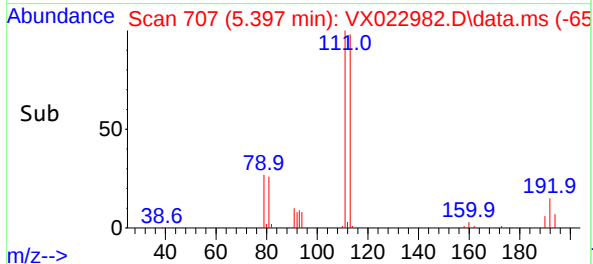
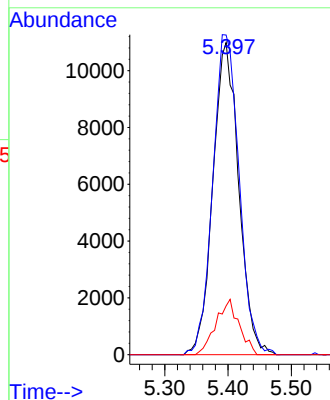
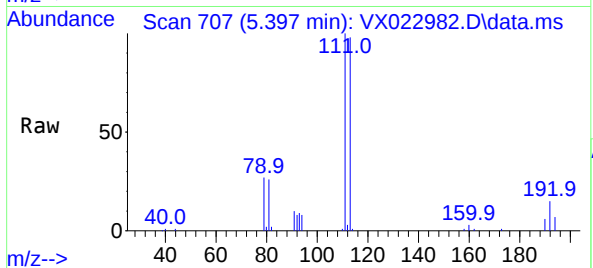




#35  
Dibromofluoromethane  
Concen: 47.692 ug/l  
RT: 5.397 min Scan# 707  
Delta R.T. 0.000 min  
Lab File: VX022982.D  
Acq: 28 Jun 2021 16:36

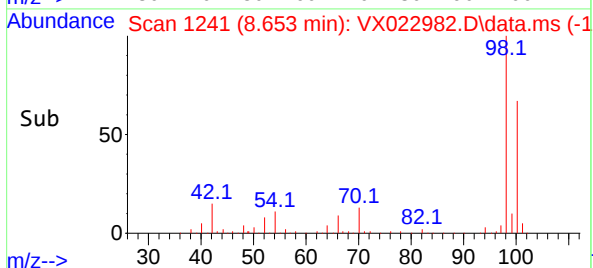
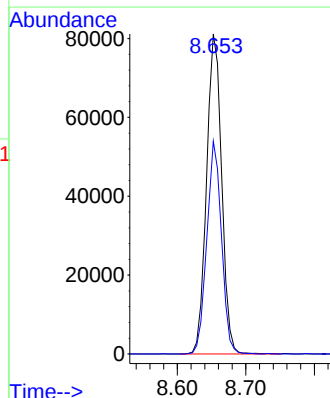
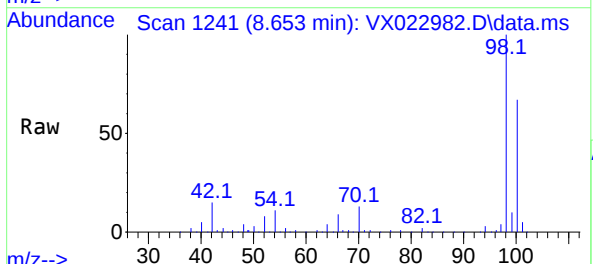
Instrument :  
MSVOA\_X  
ClientSampleId :  
LS-1(LIQUID-BLUE)

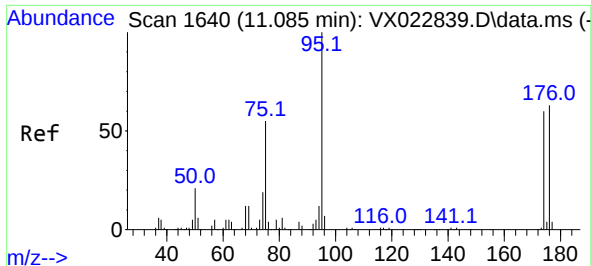
Tgt Ion:113 Resp: 31058  
Ion Ratio Lower Upper  
113 100  
111 104.8 81.9 122.9  
192 15.9 16.7 25.1#



#50  
Toluene-d8  
Concen: 48.805 ug/l  
RT: 8.653 min Scan# 1241  
Delta R.T. -0.000 min  
Lab File: VX022982.D  
Acq: 28 Jun 2021 16:36

Tgt Ion: 98 Resp: 124564  
Ion Ratio Lower Upper  
98 100  
100 64.6 51.9 77.9

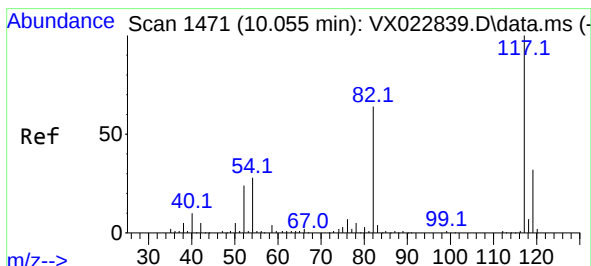
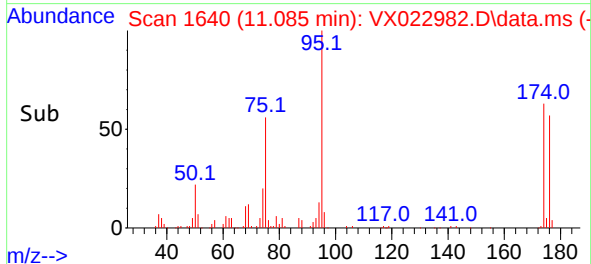
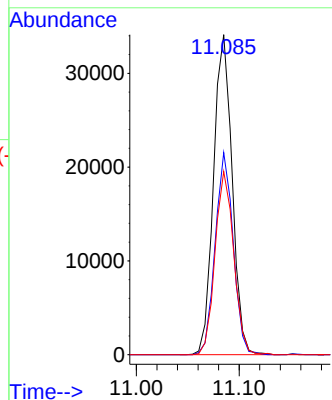
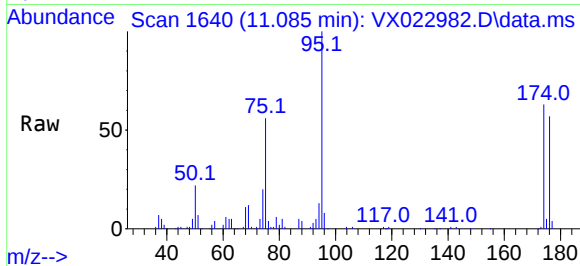




#62  
4-Bromofluorobenzene  
Concen: 44.843 ug/l  
RT: 11.085 min Scan# 1640  
Delta R.T. 0.000 min  
Lab File: VX022982.D  
Acq: 28 Jun 2021 16:36

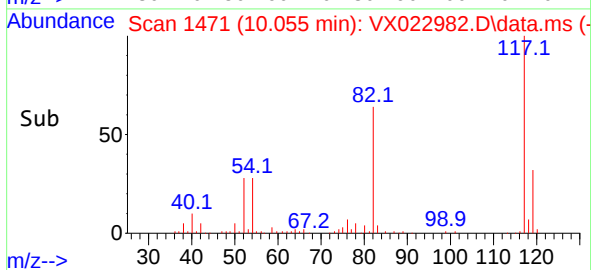
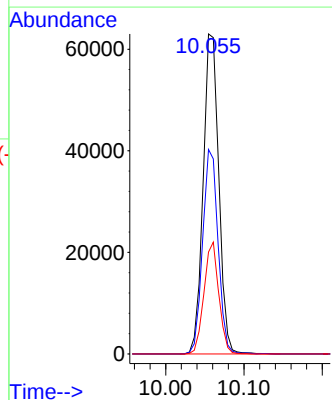
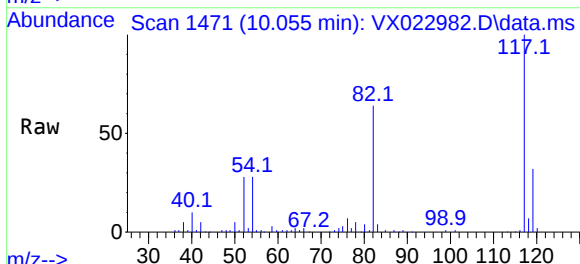
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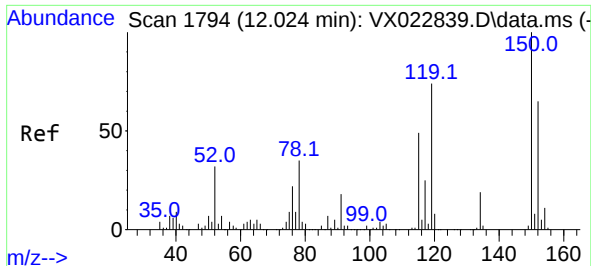
Tgt Ion: 95 Resp: 42714  
Ion Ratio Lower Upper  
95 100  
174 61.1 0.0 154.6  
176 57.5 0.0 155.8



#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.055 min Scan# 1471  
Delta R.T. -0.000 min  
Lab File: VX022982.D  
Acq: 28 Jun 2021 16:36

Tgt Ion: 117 Resp: 87176  
Ion Ratio Lower Upper  
117 100  
82 63.9 47.4 71.2  
119 31.9 26.6 39.8





#72  
 1,4-Dichlorobenzene-d4  
 Concen: 50.000 ug/l  
 RT: 12.024 min Scan# 1794  
 Delta R.T. -0.000 min  
 Lab File: VX022982.D  
 Acq: 28 Jun 2021 16:36

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 LS-1(LIQUID-BLUE)

Tgt Ion:152 Resp: 33524  
 Ion Ratio Lower Upper  
 152 100  
 115 66.7 41.1 123.3  
 150 159.7 0.0 349.0

