

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX070821\  
 Data File : VX023208.D  
 Acq On : 08 Jul 2021 18:37  
 Operator : JC/MD  
 Sample : PB137563ZHE#14  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 24 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 PB137563ZHE#14

Quant Time: Jul 09 08:14:30 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X070221W.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Jul 02 14:29:42 2021  
 Response via : Initial Calibration

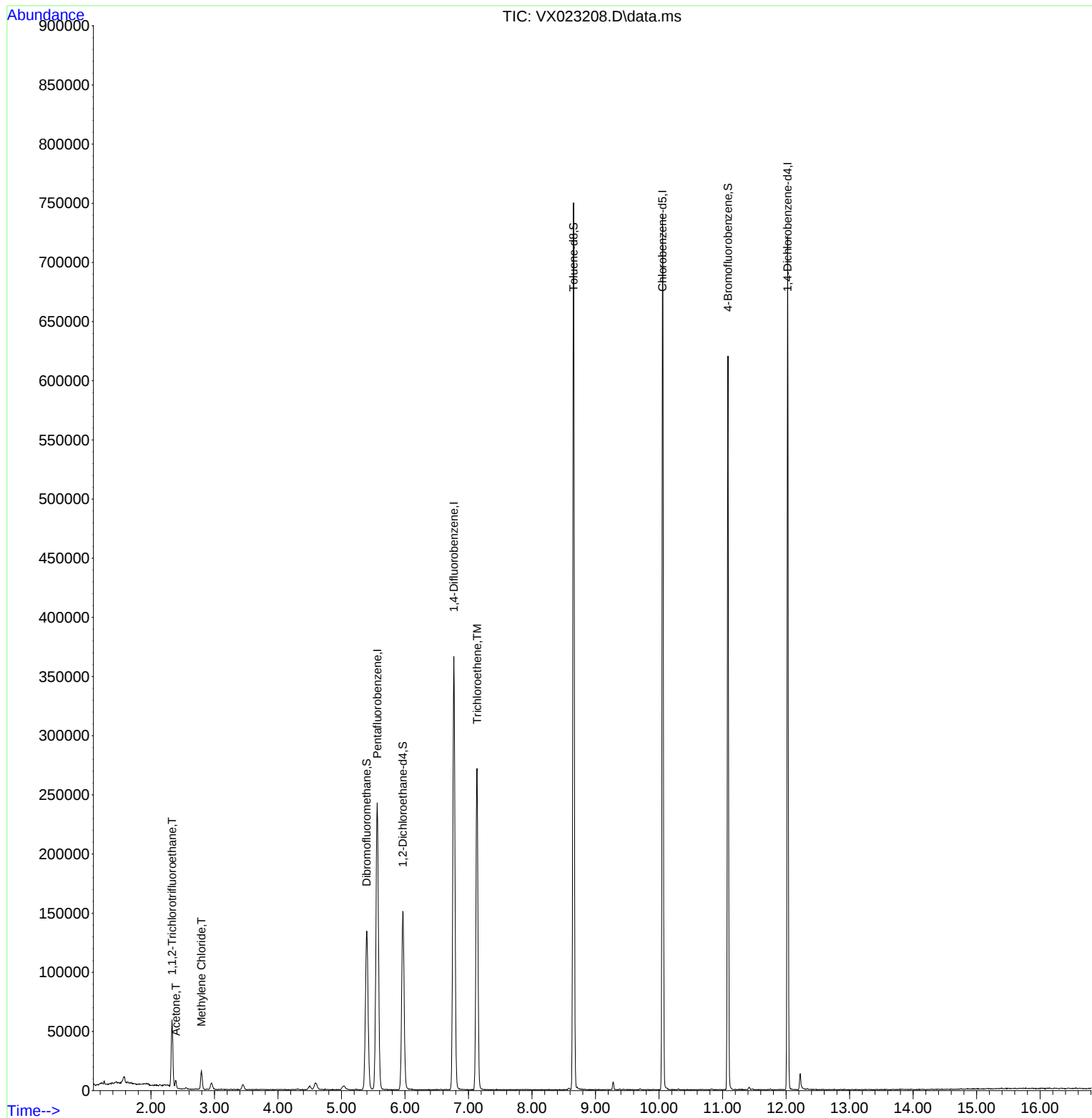
| Compound                     | R.T.           | QIon | Response            | Conc   | Units | Dev(Min) |
|------------------------------|----------------|------|---------------------|--------|-------|----------|
| -----                        |                |      |                     |        |       |          |
| Internal Standards           |                |      |                     |        |       |          |
| 1) Pentafluorobenzene        | 5.562          | 168  | 224168              | 50.000 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene      | 6.769          | 114  | 364071              | 50.000 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5         | 10.055         | 117  | 333310              | 50.000 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4   | 12.024         | 152  | 141351              | 50.000 | ug/l  | 0.00     |
|                              |                |      |                     |        |       |          |
| System Monitoring Compounds  |                |      |                     |        |       |          |
| 33) 1,2-Dichloroethane-d4    | 5.964          | 65   | 155379              | 51.573 | ug/l  | 0.00     |
| Spiked Amount 50.000         | Range 78 - 117 |      | Recovery = 103.140% |        |       |          |
| 35) Dibromofluoromethane     | 5.397          | 113  | 117075              | 49.798 | ug/l  | 0.00     |
| Spiked Amount 50.000         | Range 75 - 124 |      | Recovery = 99.600%  |        |       |          |
| 50) Toluene-d8               | 8.653          | 98   | 437861              | 49.928 | ug/l  | 0.00     |
| Spiked Amount 50.000         | Range 92 - 112 |      | Recovery = 99.860%  |        |       |          |
| 62) 4-Bromofluorobenzene     | 11.085         | 95   | 161025              | 47.561 | ug/l  | 0.00     |
| Spiked Amount 50.000         | Range 83 - 123 |      | Recovery = 95.120%  |        |       |          |
|                              |                |      |                     |        |       |          |
| Target Compounds             |                |      |                     |        |       | Qvalue   |
| 9) 1,1,2-Trichlorotrifluo... | 2.331          | 101  | 21916               | 10.123 | ug/l  | 96       |
| 16) Acetone                  | 2.392          | 43   | 7055                | 5.919  | ug/l  | 90       |
| 20) Methylene Chloride       | 2.794          | 84   | 6555                | 2.554  | ug/l  | 95       |
| 44) Trichloroethene          | 7.135          | 130  | 106009              | 39.657 | ug/l  | 96       |
| -----                        |                |      |                     |        |       |          |

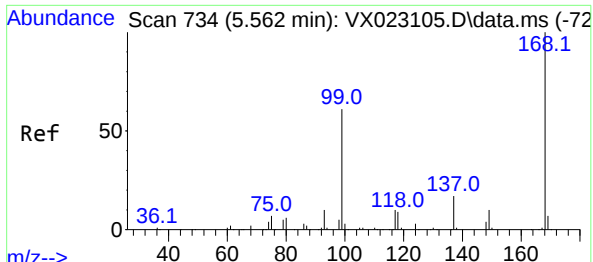
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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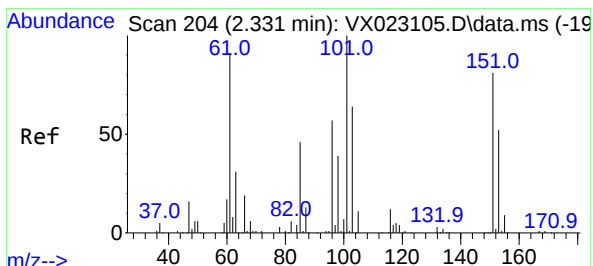
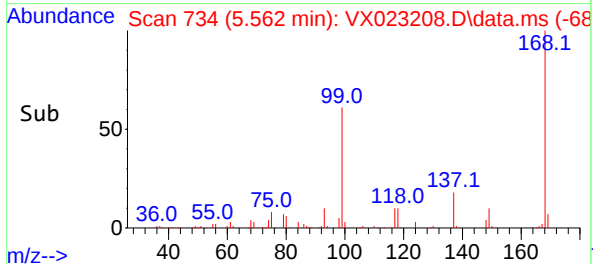
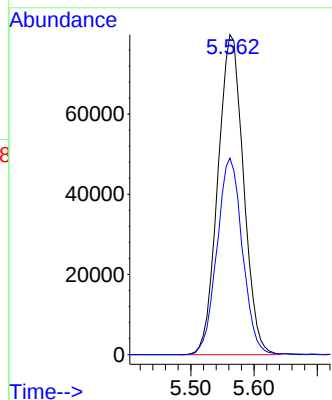
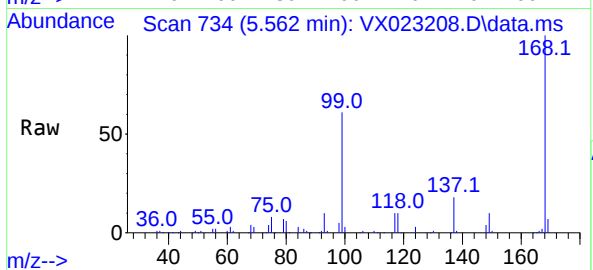




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.562 min Scan# 734  
Delta R.T. -0.000 min  
Lab File: VX023208.D  
Acq: 08 Jul 2021 18:37

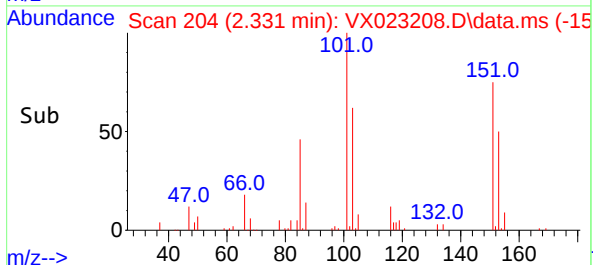
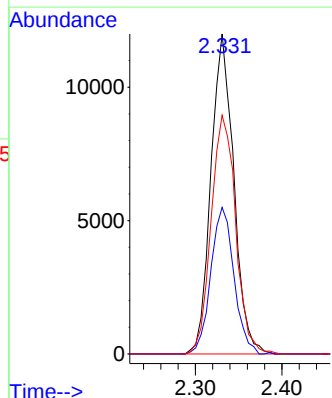
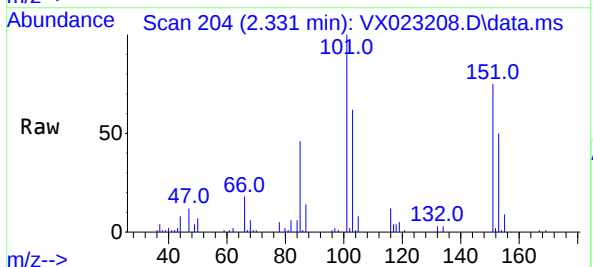
Instrument :  
MSVOA\_X  
ClientSampleId :  
PB137563ZHE#14

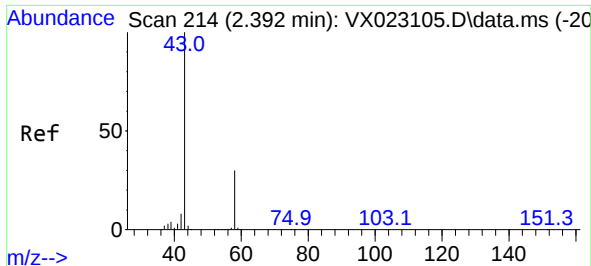
Tgt Ion:168 Resp: 224168  
Ion Ratio Lower Upper  
168 100  
99 61.4 45.8 68.6



#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 10.123 ug/l  
RT: 2.331 min Scan# 204  
Delta R.T. -0.000 min  
Lab File: VX023208.D  
Acq: 08 Jul 2021 18:37

Tgt Ion:101 Resp: 21916  
Ion Ratio Lower Upper  
101 100  
85 46.5 34.9 52.3  
151 80.3 61.4 92.2

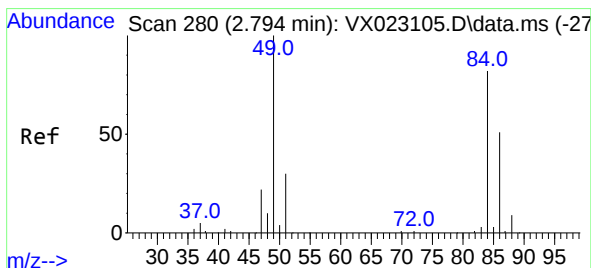
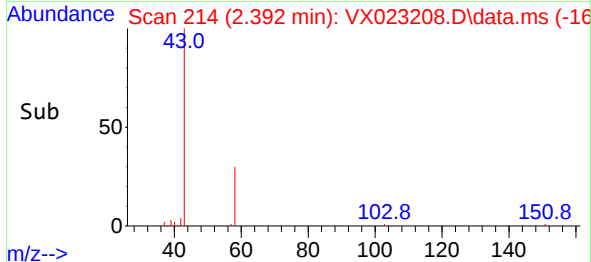
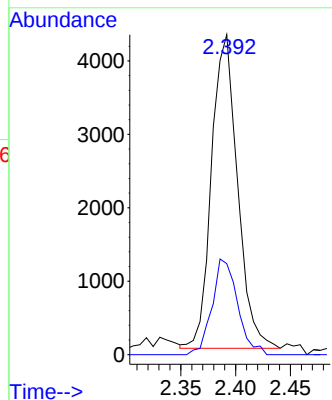
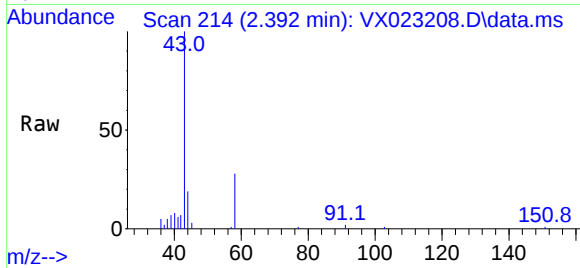




#16  
Acetone  
Concen: 5.919 ug/l  
RT: 2.392 min Scan# 214  
Delta R.T. -0.000 min  
Lab File: VX023208.D  
Acq: 08 Jul 2021 18:37

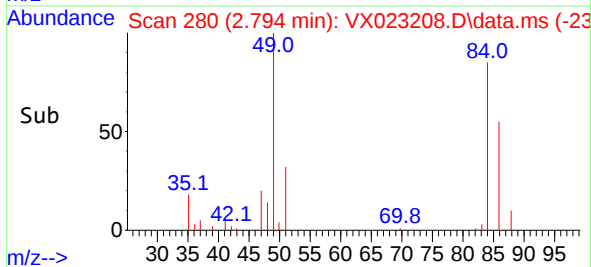
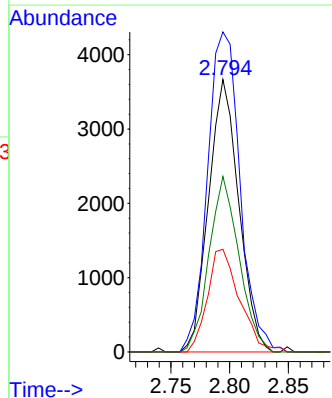
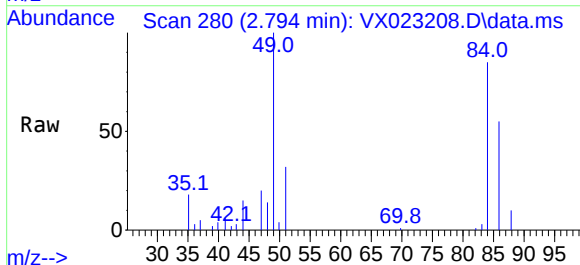
Instrument :  
MSVOA\_X  
ClientSampleId :  
PB137563ZHE#14

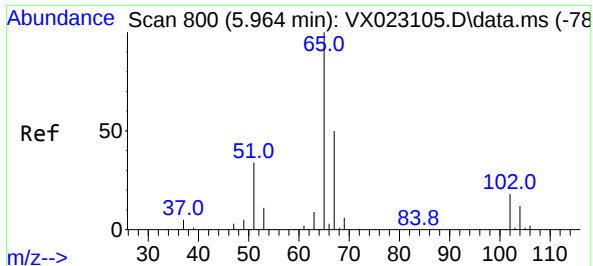
Tgt Ion: 43 Resp: 7055  
Ion Ratio Lower Upper  
43 100  
58 29.0 27.8 41.8



#20  
Methylene Chloride  
Concen: 2.554 ug/l  
RT: 2.794 min Scan# 280  
Delta R.T. 0.000 min  
Lab File: VX023208.D  
Acq: 08 Jul 2021 18:37

Tgt Ion: 84 Resp: 6555  
Ion Ratio Lower Upper  
84 100  
49 117.5 88.6 132.8  
51 37.7 27.0 40.6  
86 64.4 50.3 75.5



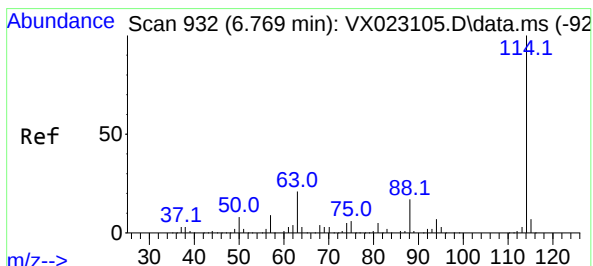
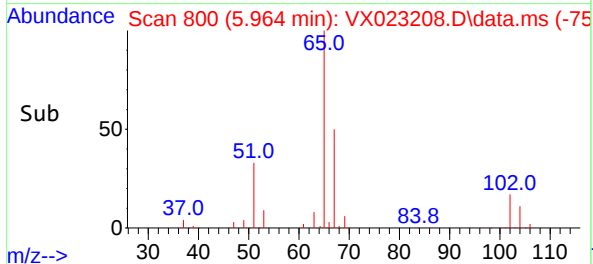
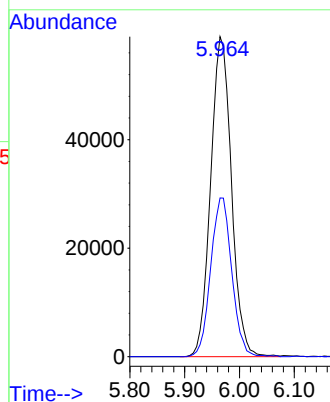
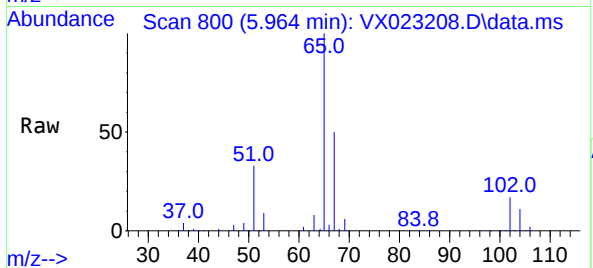


#33

1,2-Dichloroethane-d4  
Concen: 51.573 ug/l  
RT: 5.964 min Scan# 800  
Delta R.T. 0.000 min  
Lab File: VX023208.D  
Acq: 08 Jul 2021 18:37

Instrument :  
MSVOA\_X  
ClientSampleId :  
PB137563ZHE#14

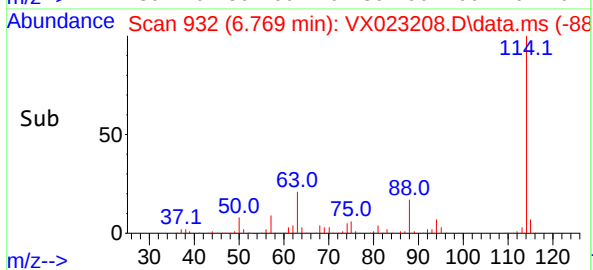
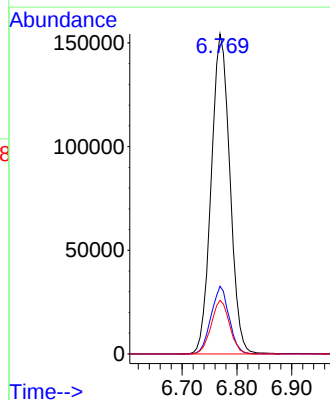
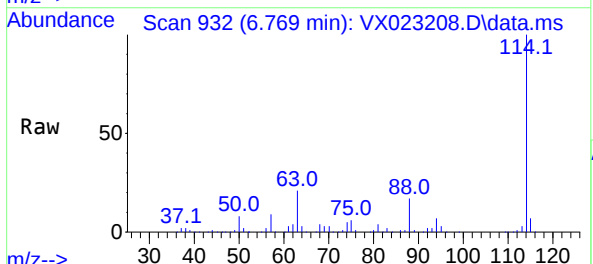
Tgt Ion: 65 Resp: 155379  
Ion Ratio Lower Upper  
65 100  
67 50.2 0.0 105.4

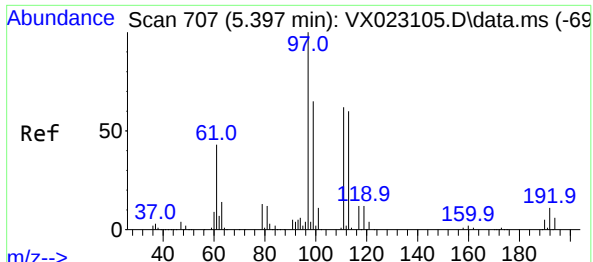


#34

1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 6.769 min Scan# 932  
Delta R.T. 0.000 min  
Lab File: VX023208.D  
Acq: 08 Jul 2021 18:37

Tgt Ion: 114 Resp: 364071  
Ion Ratio Lower Upper  
114 100  
63 21.1 0.0 40.8  
88 16.8 0.0 32.8

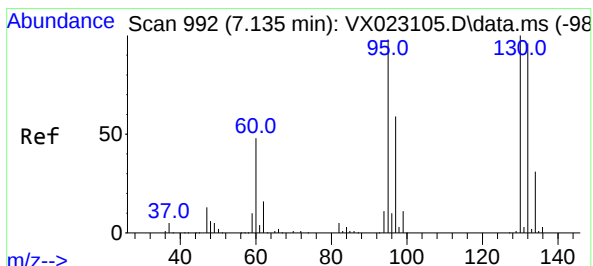
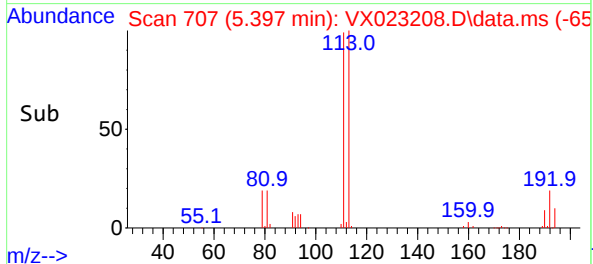
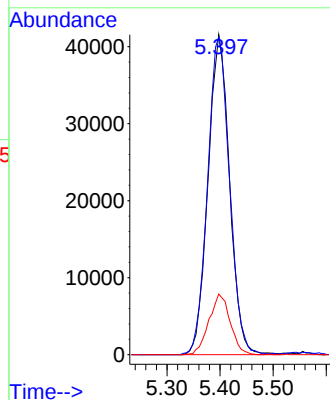
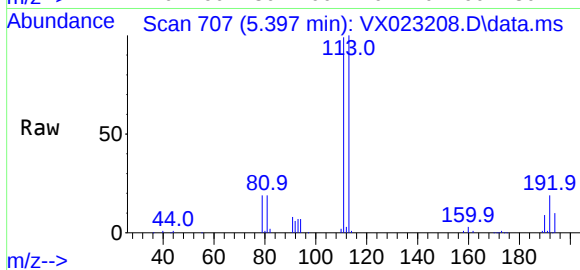




#35  
Dibromofluoromethane  
Concen: 49.798 ug/l  
RT: 5.397 min Scan# 707  
Delta R.T. 0.000 min  
Lab File: VX023208.D  
Acq: 08 Jul 2021 18:37

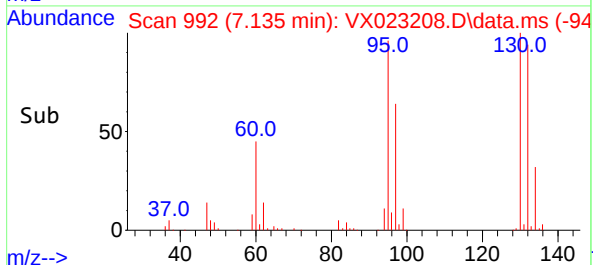
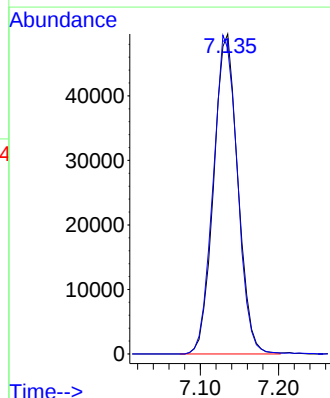
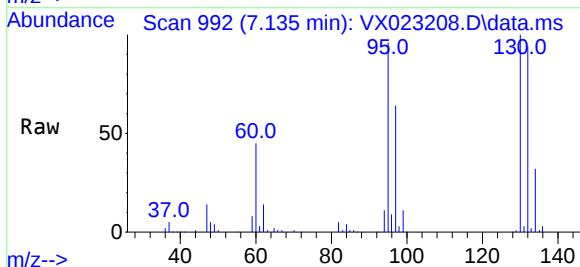
Instrument :  
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ClientSampleId :  
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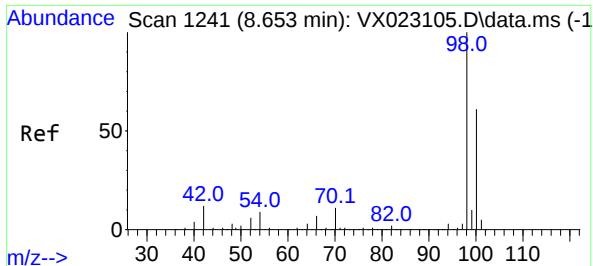
Tgt Ion:113 Resp: 117075  
Ion Ratio Lower Upper  
113 100  
111 101.6 81.9 122.9  
192 18.7 16.7 25.1



#44  
Trichloroethene  
Concen: 39.657 ug/l  
RT: 7.135 min Scan# 992  
Delta R.T. -0.000 min  
Lab File: VX023208.D  
Acq: 08 Jul 2021 18:37

Tgt Ion:130 Resp: 106009  
Ion Ratio Lower Upper  
130 100  
95 95.5 0.0 198.0

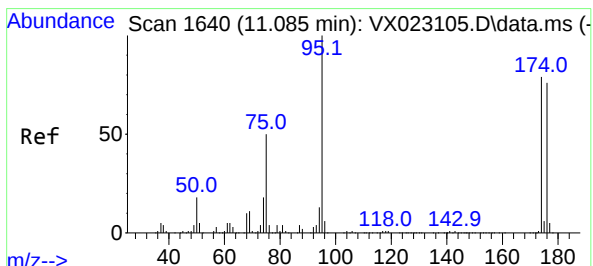
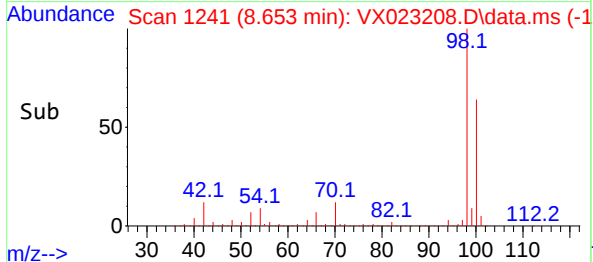
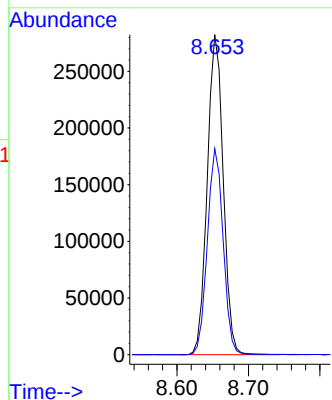
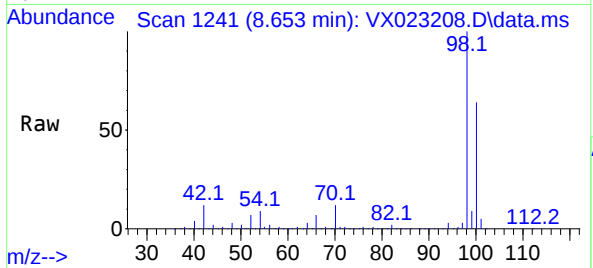




#50  
Toluene-d8  
Concen: 49.928 ug/l  
RT: 8.653 min Scan# 1241  
Delta R.T. -0.000 min  
Lab File: VX023208.D  
Acq: 08 Jul 2021 18:37

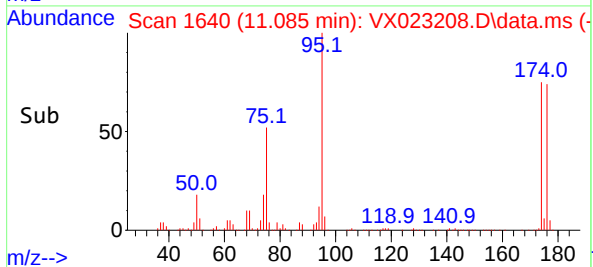
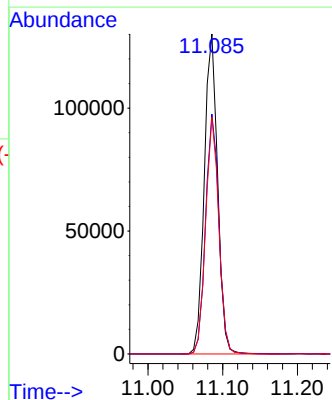
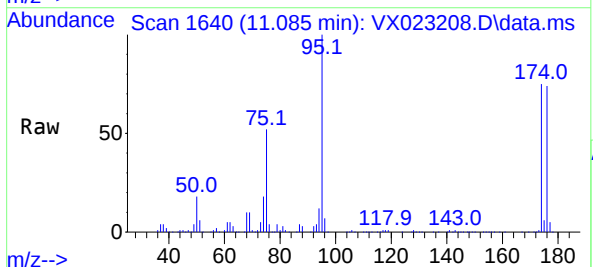
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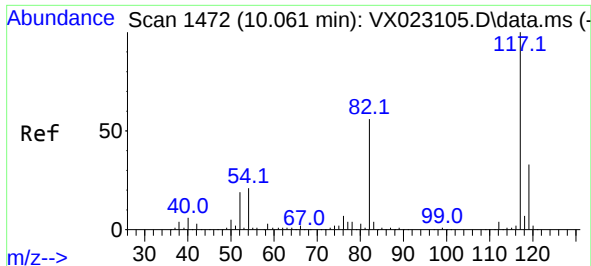
Tgt Ion: 98 Resp: 437861  
Ion Ratio Lower Upper  
98 100  
100 63.8 51.9 77.9



#62  
4-Bromofluorobenzene  
Concen: 47.561 ug/l  
RT: 11.085 min Scan# 1640  
Delta R.T. 0.000 min  
Lab File: VX023208.D  
Acq: 08 Jul 2021 18:37

Tgt Ion: 95 Resp: 161025  
Ion Ratio Lower Upper  
95 100  
174 75.0 0.0 154.6  
176 73.1 0.0 155.8

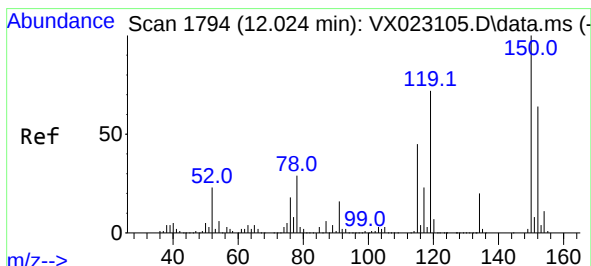
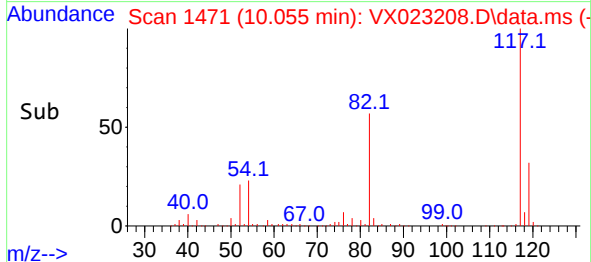
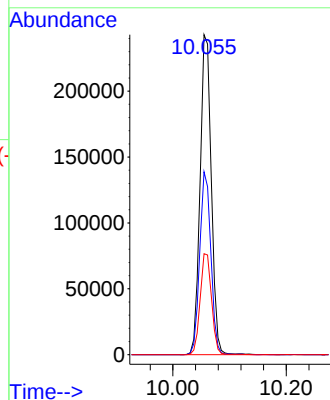
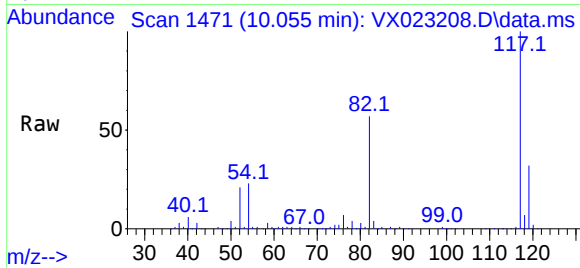




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.055 min Scan# 1471  
Delta R.T. -0.006 min  
Lab File: VX023208.D  
Acq: 08 Jul 2021 18:37

Instrument :  
MSVOA\_X  
ClientSampleId :  
PB137563ZHE#14

Tgt Ion:117 Resp: 333310  
Ion Ratio Lower Upper  
117 100  
82 57.1 47.4 71.2  
119 31.6 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: VX023208.D  
Acq: 08 Jul 2021 18:37

Tgt Ion:152 Resp: 141351  
Ion Ratio Lower Upper  
152 100  
115 61.5 41.1 123.3  
150 156.6 0.0 349.0

