

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX060221\  
 Data File : VX022337.D  
 Acq On : 02 Jun 2021 14:41  
 Operator : JC/MD  
 Sample : M2572-10DL 100X  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 29BR-20210528DL

Quant Time: Jun 03 02:20:30 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X051921W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed May 19 14:23:10 2021  
 Response via : Initial Calibration

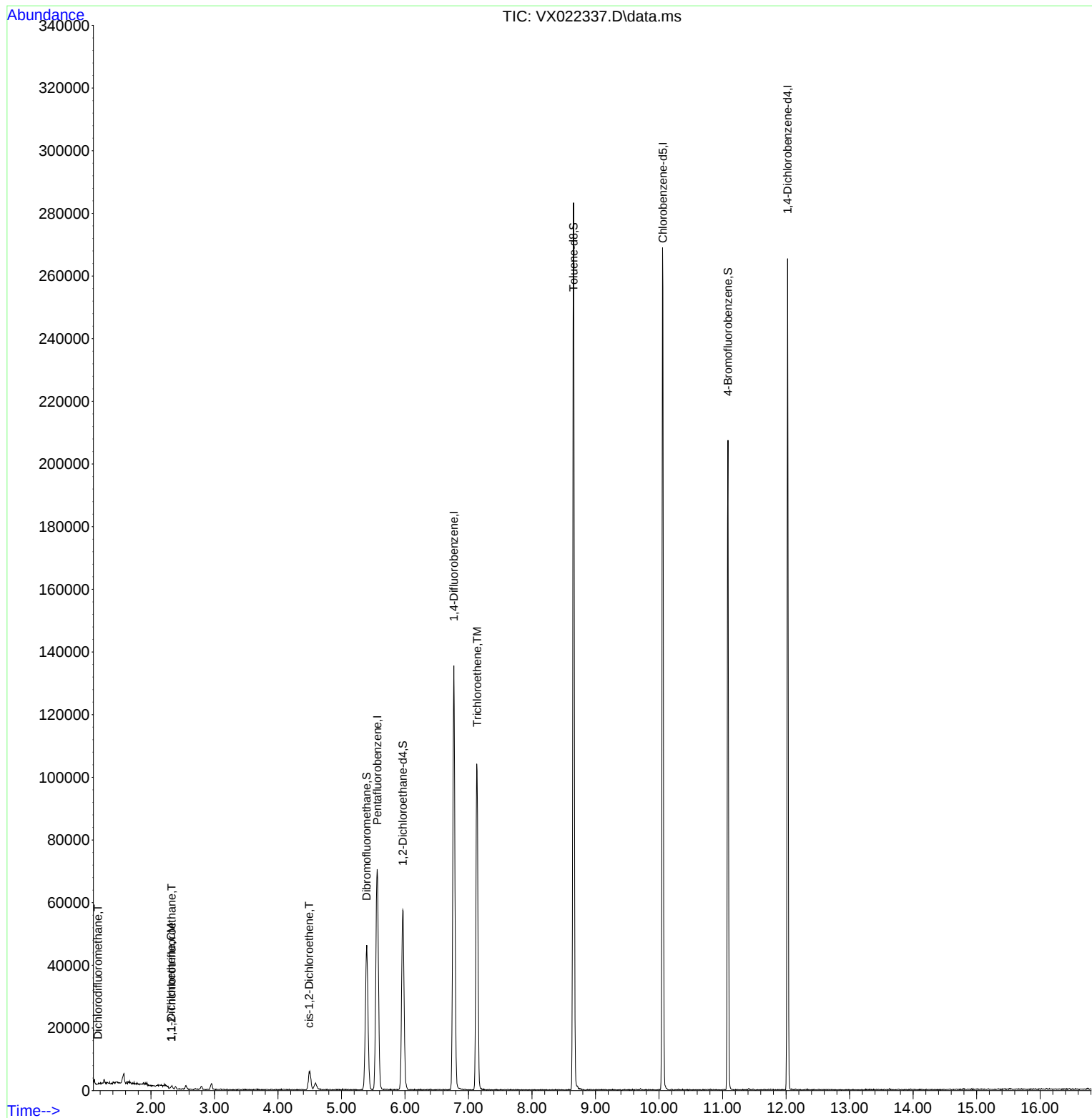
| Compound                     | R.T.           | QIon | Response            | Conc   | Units  | Dev(Min) |
|------------------------------|----------------|------|---------------------|--------|--------|----------|
| -----                        |                |      |                     |        |        |          |
| Internal Standards           |                |      |                     |        |        |          |
| 1) Pentafluorobenzene        | 5.562          | 168  | 62384               | 50.000 | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene      | 6.769          | 114  | 131703              | 50.000 | ug/l   | 0.00     |
| 63) Chlorobenzene-d5         | 10.061         | 117  | 117059              | 50.000 | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4   | 12.024         | 152  | 45932               | 50.000 | ug/l   | 0.00     |
|                              |                |      |                     |        |        |          |
| System Monitoring Compounds  |                |      |                     |        |        |          |
| 33) 1,2-Dichloroethane-d4    | 5.964          | 65   | 53776               | 55.882 | ug/l   | 0.00     |
| Spiked Amount 50.000         | Range 78 - 117 |      | Recovery = 111.760% |        |        |          |
| 35) Dibromofluoromethane     | 5.397          | 113  | 39476               | 47.265 | ug/l   | 0.00     |
| Spiked Amount 50.000         | Range 75 - 124 |      | Recovery = 94.540%  |        |        |          |
| 50) Toluene-d8               | 8.653          | 98   | 163265              | 50.746 | ug/l   | 0.00     |
| Spiked Amount 50.000         | Range 92 - 112 |      | Recovery = 101.500% |        |        |          |
| 62) 4-Bromofluorobenzene     | 11.085         | 95   | 56567               | 47.569 | ug/l   | 0.00     |
| Spiked Amount 50.000         | Range 83 - 123 |      | Recovery = 95.140%  |        |        |          |
|                              |                |      |                     |        |        |          |
| Target Compounds             |                |      |                     |        |        | Qvalue   |
| 2) Dichlorodifluoromethane   | 1.166          | 85   | 294                 | 0.388  | ug/l   | 76       |
| 9) 1,1,2-Trichlorotrifluo... | 2.325          | 101  | 288                 | 0.390  | ug/l # | 77       |
| 12) 1,1-Dichloroethene       | 2.319          | 96   | 228                 | 0.319  | ug/l   | 83       |
| 27) cis-1,2-Dichloroethene   | 4.489          | 96   | 3861                | 4.082  | ug/l   | 89       |
| 44) Trichloroethene          | 7.135          | 130  | 37834               | 40.632 | ug/l   | 98       |
| -----                        |                |      |                     |        |        |          |

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

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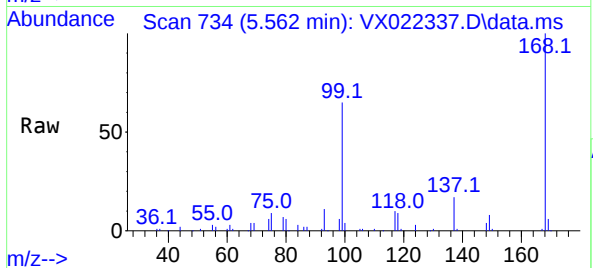
Quant Time: Jun 03 02:20:30 2021  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X051921W.M  
Quant Title : SW846 8260  
QLast Update : Wed May 19 14:23:10 2021  
Response via : Initial Calibration



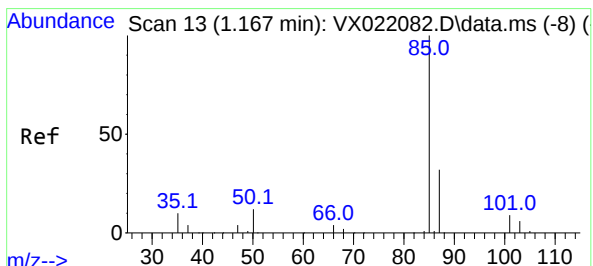
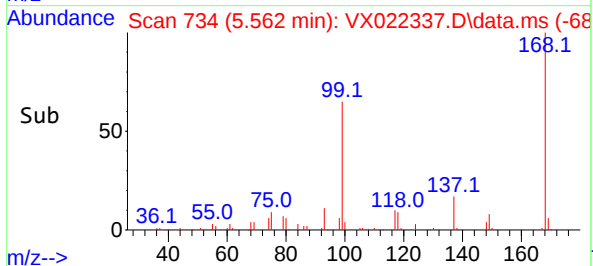
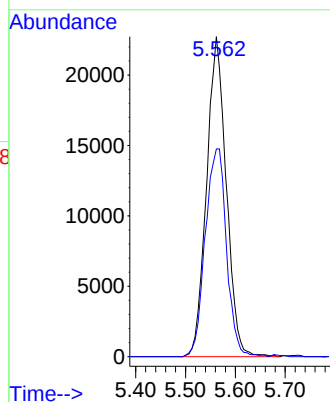


#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.562 min Scan# 734  
Delta R.T. -0.000 min  
Lab File: VX022337.D  
Acq: 02 Jun 2021 14:41

Instrument :  
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ClientSampleId :  
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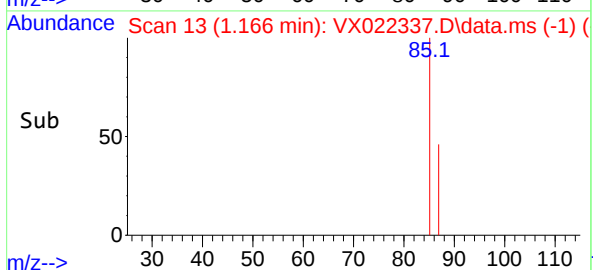
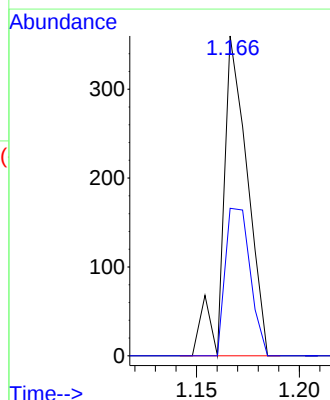
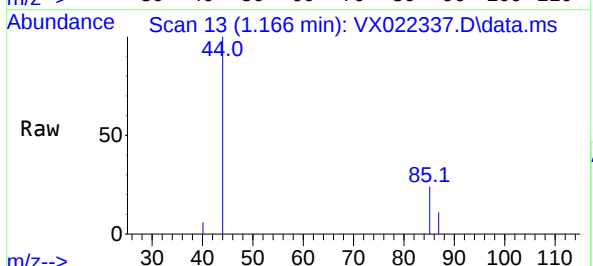


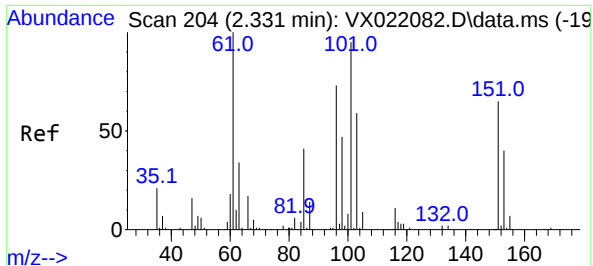
Tgt Ion:168 Resp: 62384  
Ion Ratio Lower Upper  
168 100  
99 64.9 45.8 68.6



#2  
Dichlorodifluoromethane  
Concen: 0.388 ug/l  
RT: 1.166 min Scan# 13  
Delta R.T. -0.001 min  
Lab File: VX022337.D  
Acq: 02 Jun 2021 14:41

Tgt Ion: 85 Resp: 294  
Ion Ratio Lower Upper  
85 100  
87 46.1 16.4 49.2

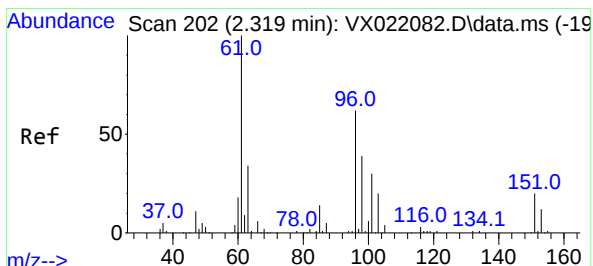
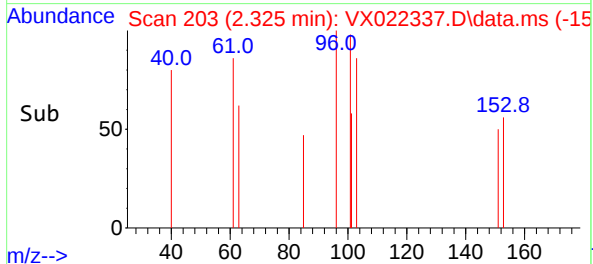
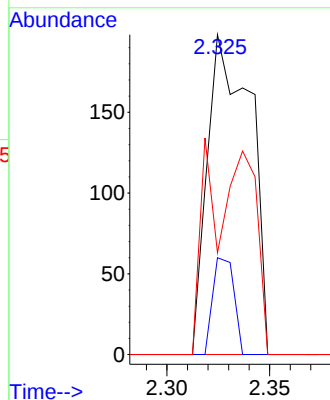
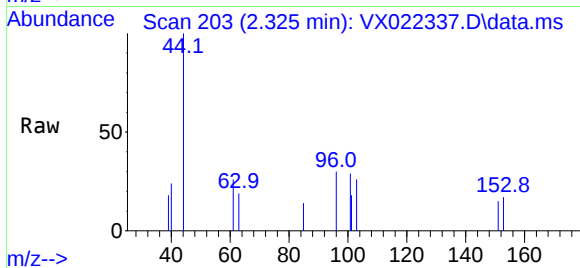




#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 0.390 ug/l  
RT: 2.325 min Scan# 203  
Delta R.T. -0.006 min  
Lab File: VX022337.D  
Acq: 02 Jun 2021 14:41

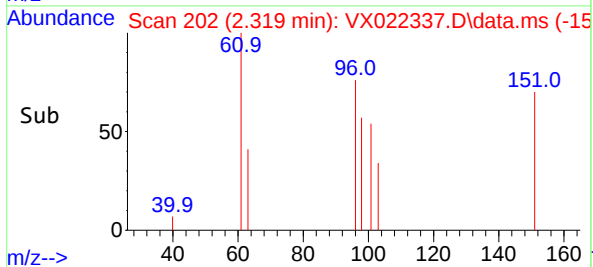
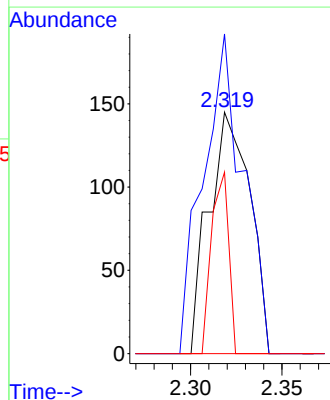
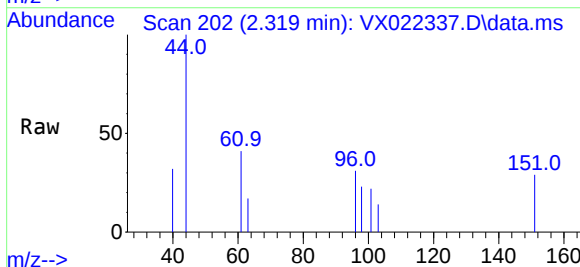
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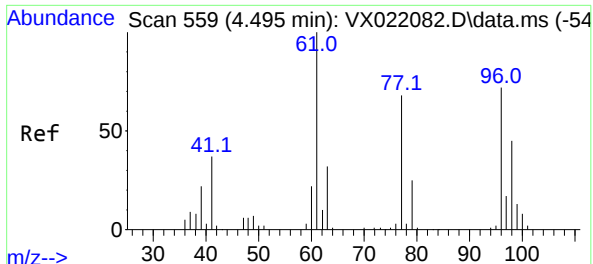
Tgt Ion:101 Resp: 288  
Ion Ratio Lower Upper  
101 100  
85 14.9 34.9 52.3#  
151 68.1 61.4 92.2



#12  
1,1-Dichloroethene  
Concen: 0.319 ug/l  
RT: 2.319 min Scan# 202  
Delta R.T. -0.000 min  
Lab File: VX022337.D  
Acq: 02 Jun 2021 14:41

Tgt Ion: 96 Resp: 228  
Ion Ratio Lower Upper  
96 100  
61 132.4 124.6 187.0  
98 75.2 50.6 76.0

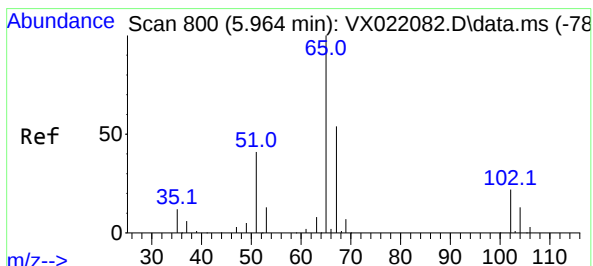
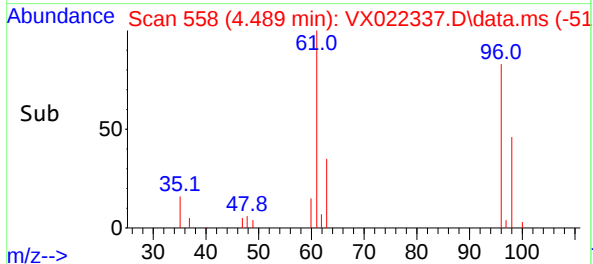
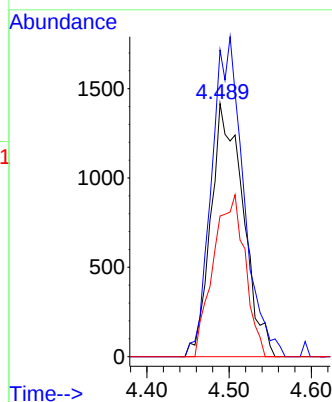
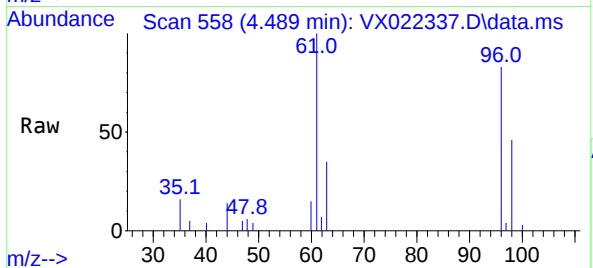




#27  
cis-1,2-Dichloroethene  
Concen: 4.082 ug/l  
RT: 4.489 min Scan# 558  
Delta R.T. -0.006 min  
Lab File: VX022337.D  
Acq: 02 Jun 2021 14:41

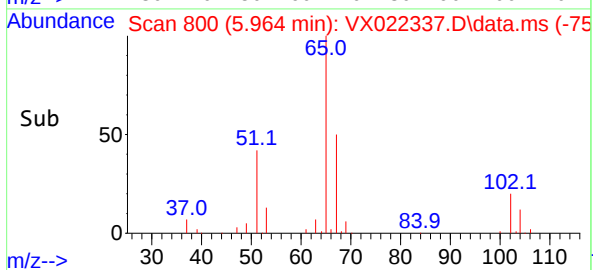
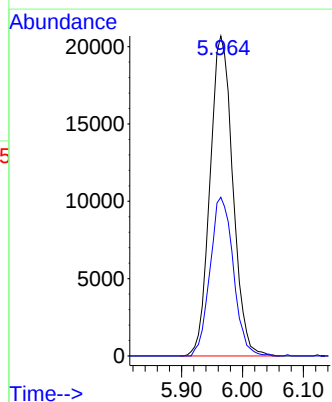
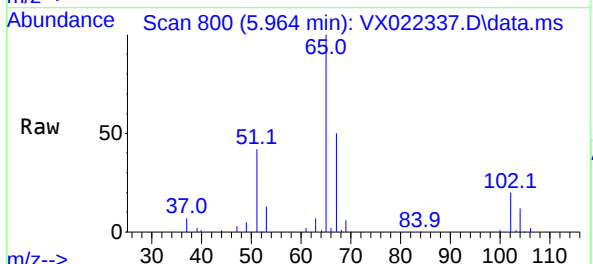
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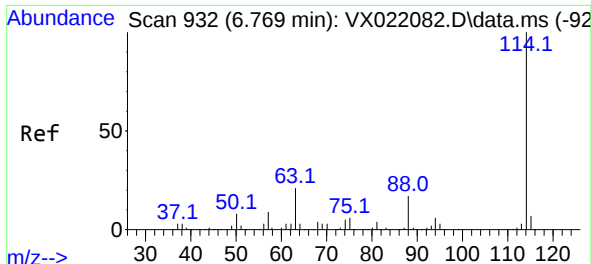
Tgt Ion: 96 Resp: 3861  
Ion Ratio Lower Upper  
96 100  
61 125.1 0.0 285.6  
98 62.7 0.0 129.6



#33  
1,2-Dichloroethane-d4  
Concen: 55.882 ug/l  
RT: 5.964 min Scan# 800  
Delta R.T. 0.000 min  
Lab File: VX022337.D  
Acq: 02 Jun 2021 14:41

Tgt Ion: 65 Resp: 53776  
Ion Ratio Lower Upper  
65 100  
67 50.7 0.0 105.4

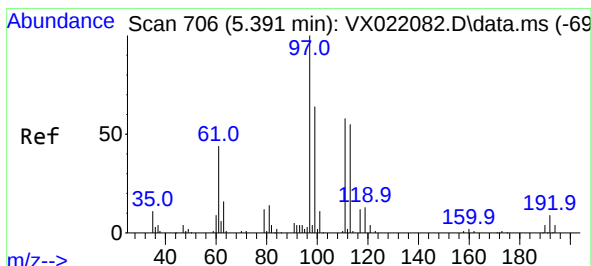
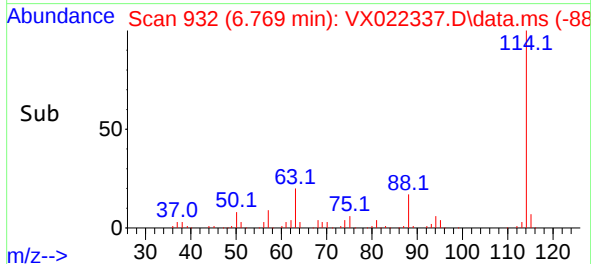
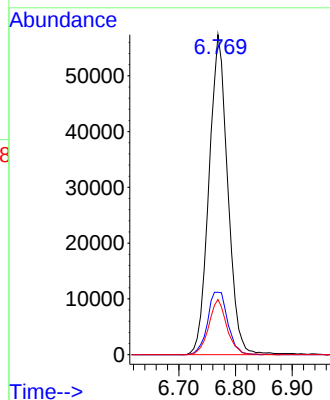
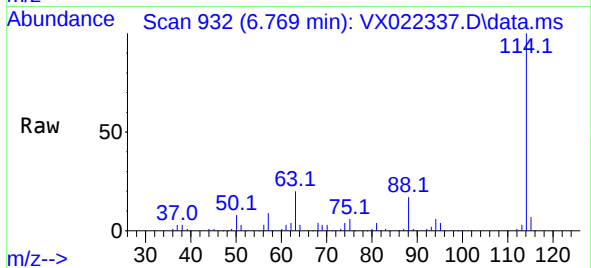




#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 6.769 min Scan# 932  
Delta R.T. -0.000 min  
Lab File: VX022337.D  
Acq: 02 Jun 2021 14:41

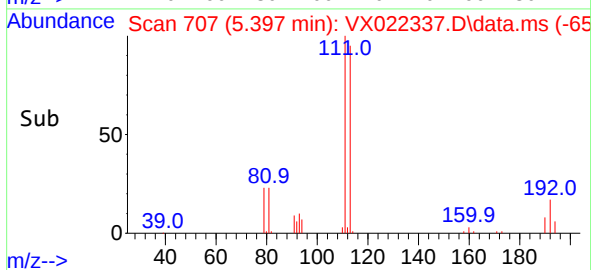
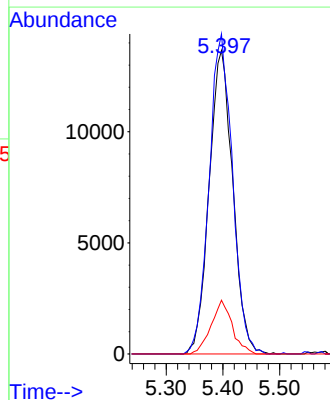
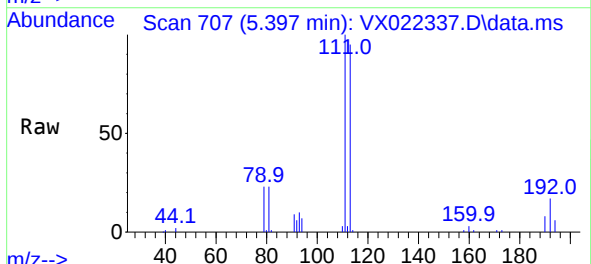
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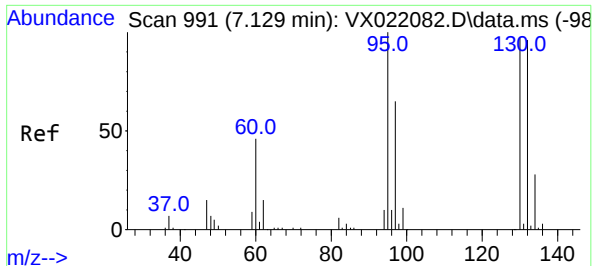
Tgt Ion:114 Resp: 131703  
Ion Ratio Lower Upper  
114 100  
63 19.5 0.0 40.8  
88 17.3 0.0 32.8



#35  
Dibromofluoromethane  
Concen: 47.265 ug/l  
RT: 5.397 min Scan# 707  
Delta R.T. 0.006 min  
Lab File: VX022337.D  
Acq: 02 Jun 2021 14:41

Tgt Ion:113 Resp: 39476  
Ion Ratio Lower Upper  
113 100  
111 104.3 81.9 122.9  
192 15.9 16.7 25.1#

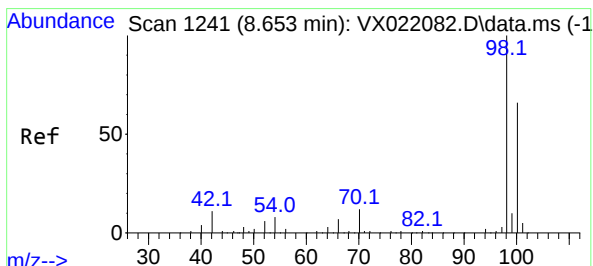
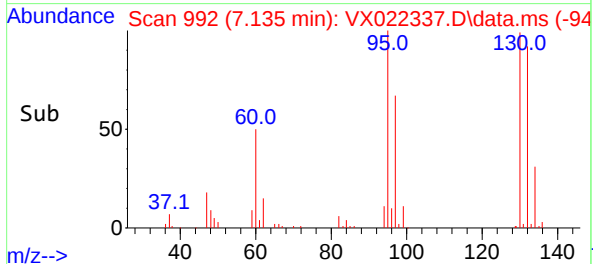
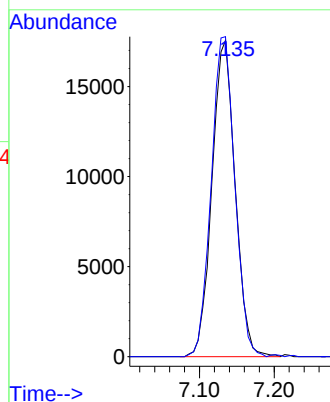
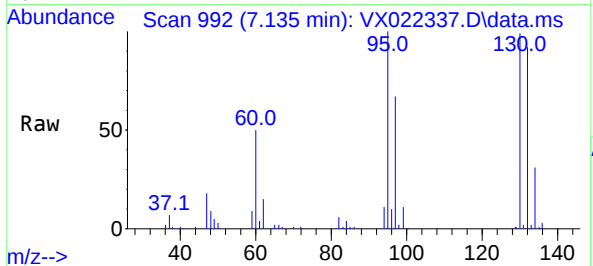




#44  
Trichloroethene  
Concen: 40.632 ug/l  
RT: 7.135 min Scan# 992  
Delta R.T. 0.006 min  
Lab File: VX022337.D  
Acq: 02 Jun 2021 14:41

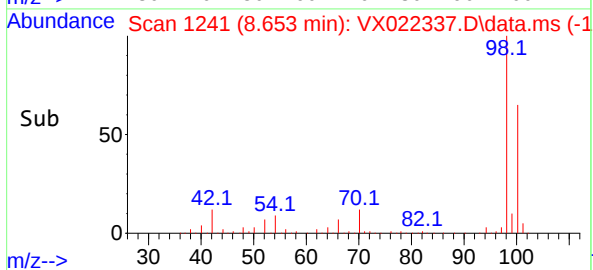
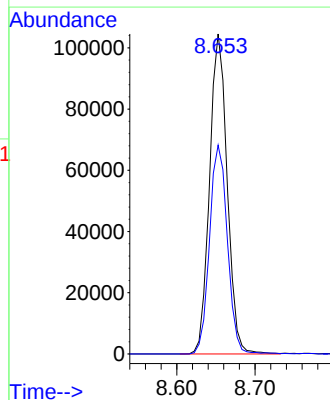
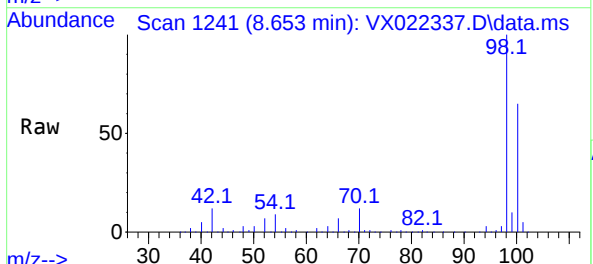
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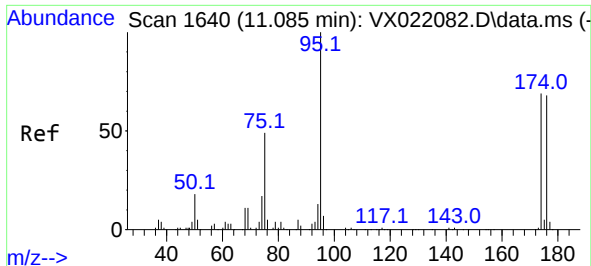
Tgt Ion:130 Resp: 37834  
Ion Ratio Lower Upper  
130 100  
95 101.2 0.0 198.0



#50  
Toluene-d8  
Concen: 50.746 ug/l  
RT: 8.653 min Scan# 1241  
Delta R.T. -0.000 min  
Lab File: VX022337.D  
Acq: 02 Jun 2021 14:41

Tgt Ion: 98 Resp: 163265  
Ion Ratio Lower Upper  
98 100  
100 66.2 51.9 77.9

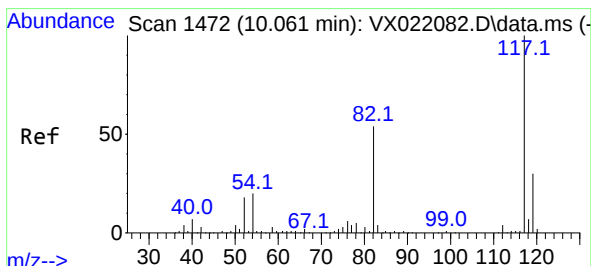
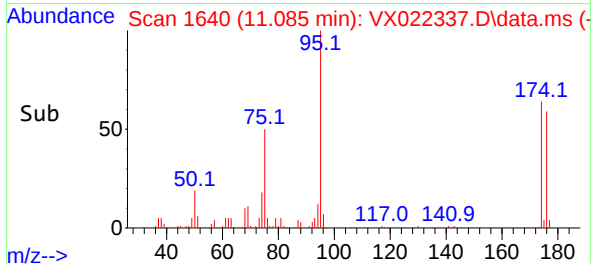
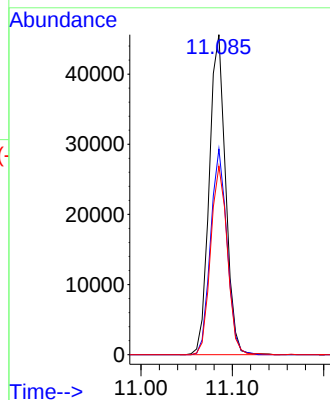
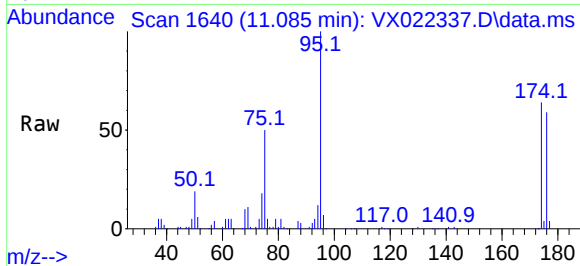




#62  
4-Bromofluorobenzene  
Concen: 47.569 ug/l  
RT: 11.085 min Scan# 1640  
Delta R.T. 0.000 min  
Lab File: VX022337.D  
Acq: 02 Jun 2021 14:41

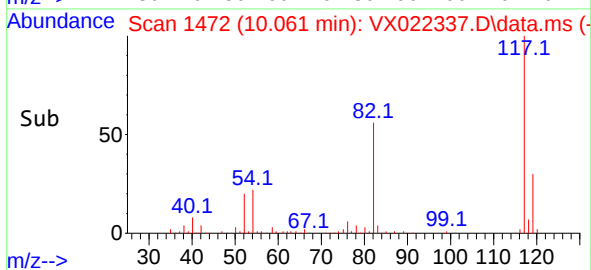
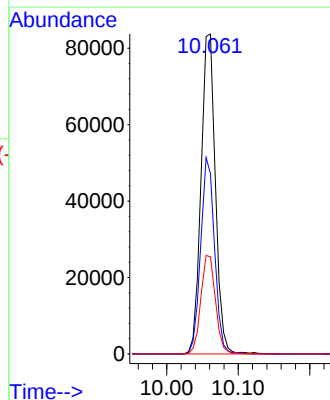
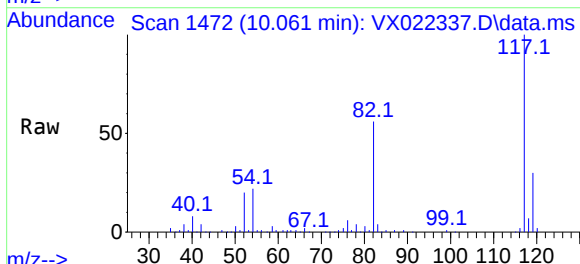
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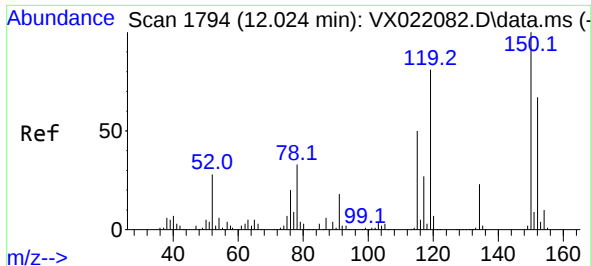
Tgt Ion: 95 Resp: 56567  
Ion Ratio Lower Upper  
95 100  
174 64.5 0.0 154.6  
176 60.1 0.0 155.8



#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.061 min Scan# 1472  
Delta R.T. 0.000 min  
Lab File: VX022337.D  
Acq: 02 Jun 2021 14:41

Tgt Ion: 117 Resp: 117059  
Ion Ratio Lower Upper  
117 100  
82 56.3 47.4 71.2  
119 30.4 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: VX022337.D  
Acq: 02 Jun 2021 14:41

Instrument :  
MSVOA\_X  
ClientSampleId :  
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Tgt Ion:152 Resp: 45932  
Ion Ratio Lower Upper  
152 100  
115 68.2 41.1 123.3  
150 161.5 0.0 349.0

