

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX062421\  
 Data File : VX022898.D  
 Acq On : 25 Jun 2021 03:57  
 Operator : JC/MD  
 Sample : M2838-11 10X  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 41 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 RE108D2-20210622

Quant Time: Jun 25 05:43:46 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

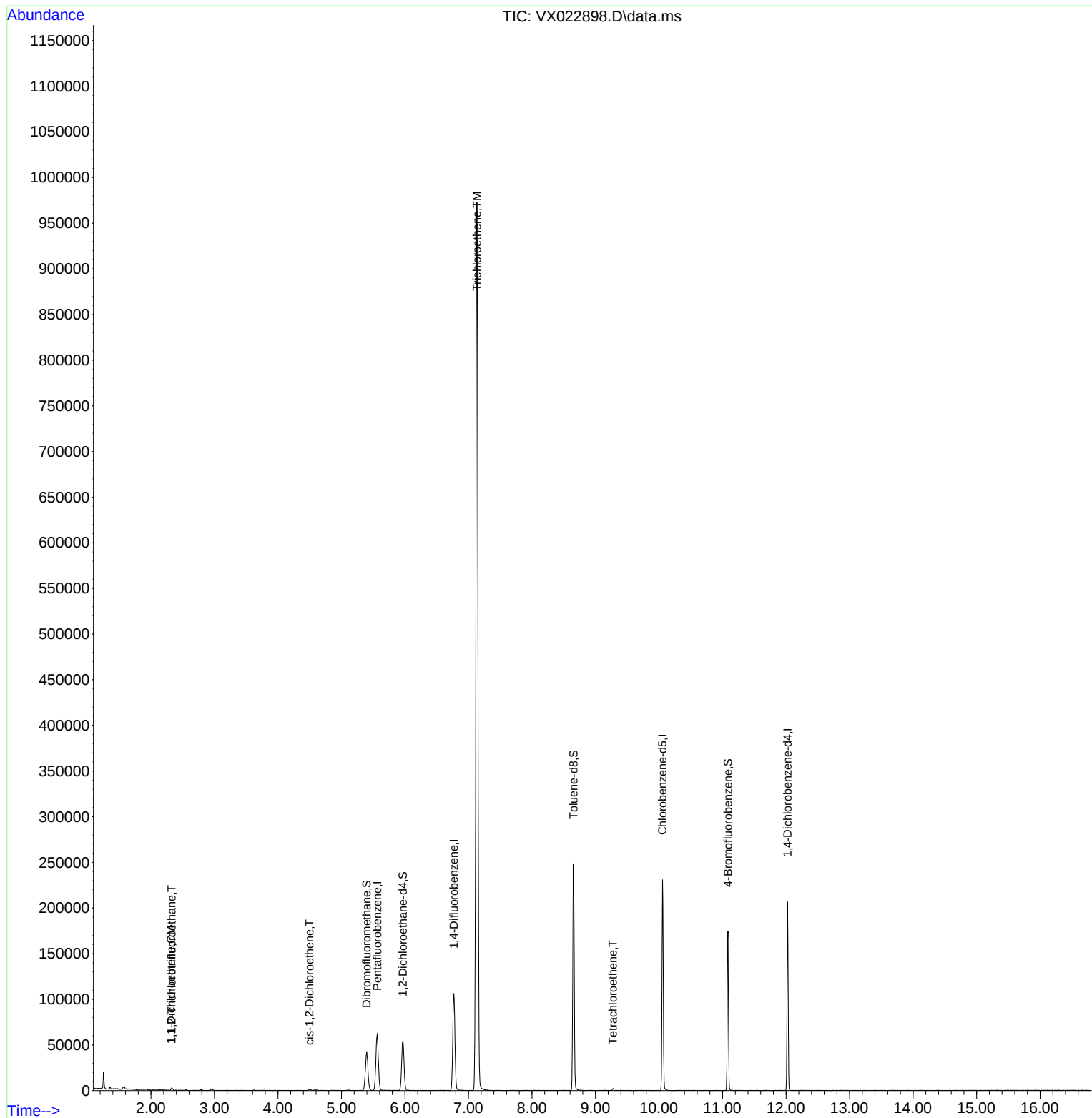
| Compound                     | R.T. QIon |       | Response | Conc     | Units      | Dev(Min) |
|------------------------------|-----------|-------|----------|----------|------------|----------|
| -----                        |           |       |          |          |            |          |
| Internal Standards           |           |       |          |          |            |          |
| 1) Pentafluorobenzene        | 5.562     | 168   | 49275    | 50.000   | ug/l       | # 0.00   |
| 34) 1,4-Difluorobenzene      | 6.769     | 114   | 104092   | 50.000   | ug/l       | 0.00     |
| 63) Chlorobenzene-d5         | 10.055    | 117   | 94166    | 50.000   | ug/l       | 0.00     |
| 72) 1,4-Dichlorobenzene-d4   | 12.024    | 152   | 36033    | 50.000   | ug/l       | 0.00     |
| System Monitoring Compounds  |           |       |          |          |            |          |
| 33) 1,2-Dichloroethane-d4    | 5.964     | 65    | 50777    | 56.782   | ug/l       | 0.00     |
| Spiked Amount                | 50.000    | Range | 78 - 117 | Recovery | = 113.560% |          |
| 35) Dibromofluoromethane     | 5.397     | 113   | 35182    | 53.225   | ug/l       | 0.00     |
| Spiked Amount                | 50.000    | Range | 75 - 124 | Recovery | = 106.440% |          |
| 50) Toluene-d8               | 8.653     | 98    | 141455   | 54.603   | ug/l       | 0.00     |
| Spiked Amount                | 50.000    | Range | 92 - 112 | Recovery | = 109.200% |          |
| 62) 4-Bromofluorobenzene     | 11.085    | 95    | 48076    | 49.725   | ug/l       | 0.00     |
| Spiked Amount                | 50.000    | Range | 83 - 123 | Recovery | = 99.440%  |          |
| Target Compounds             |           |       |          |          |            |          |
|                              |           |       |          |          |            | Qvalue   |
| 9) 1,1,2-Trichlorotrifluo... | 2.325     | 101   | 638      | 0.996    | ug/l       | 88       |
| 12) 1,1-Dichloroethene       | 2.319     | 96    | 623      | 0.975    | ug/l #     | 75       |
| 27) cis-1,2-Dichloroethene   | 4.495     | 96    | 779      | 0.990    | ug/l       | 70       |
| 44) Trichloroethene          | 7.135     | 130   | 338125   | 447.220  | ug/l       | 93       |
| 64) Tetrachloroethene        | 9.275     | 164   | 315      | 0.476    | ug/l #     | 80       |
| -----                        |           |       |          |          |            |          |

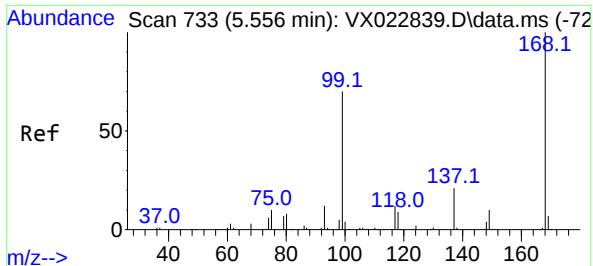
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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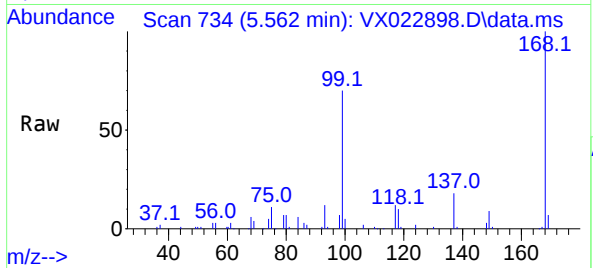
Quant Time: Jun 25 05:43:46 2021  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X062321W.M  
Quant Title : SW846 8260  
QLast Update : Wed Jun 23 19:12:26 2021  
Response via : Initial Calibration



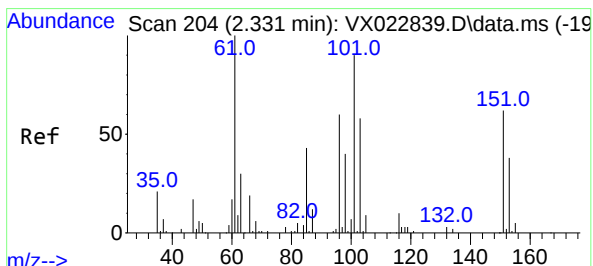
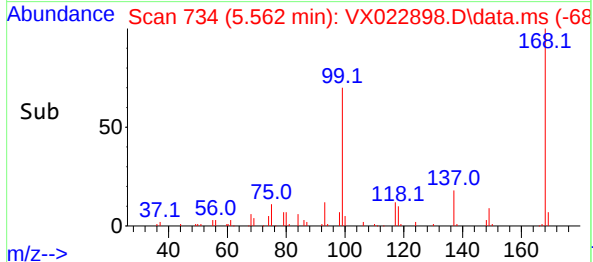
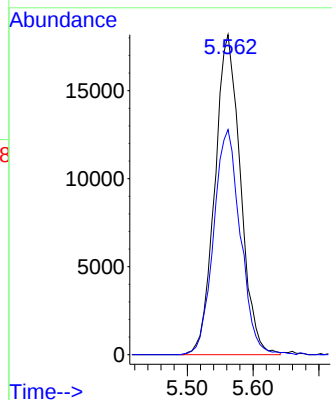


#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.562 min Scan# 734  
Delta R.T. 0.006 min  
Lab File: VX022898.D  
Acq: 25 Jun 2021 03:57

Instrument :  
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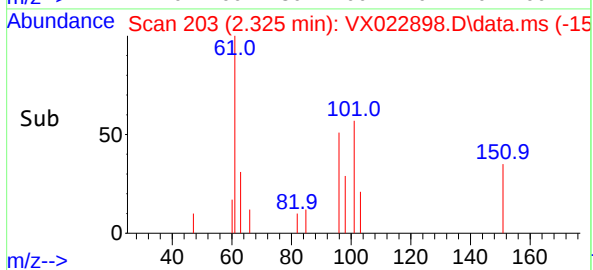
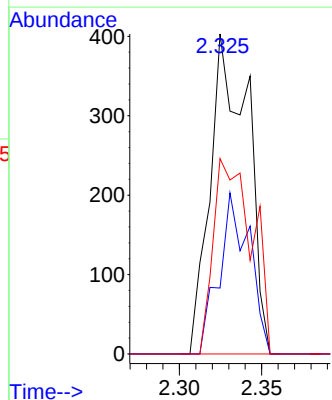
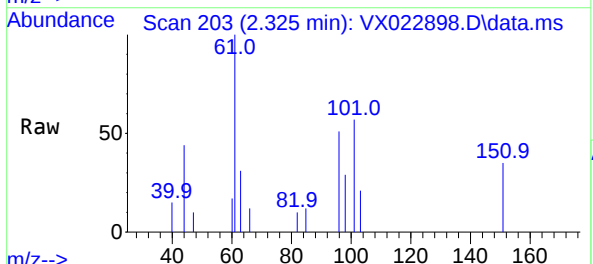


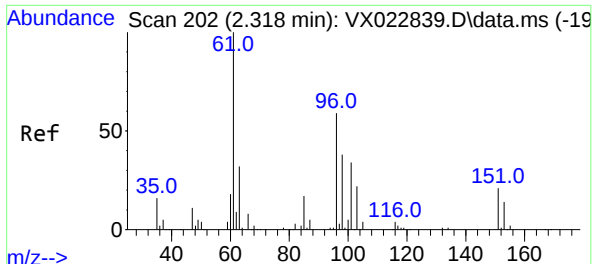
Tgt Ion:168 Resp: 49275  
Ion Ratio Lower Upper  
168 100  
99 70.4 45.8 68.6#



#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 0.996 ug/l  
RT: 2.325 min Scan# 203  
Delta R.T. -0.006 min  
Lab File: VX022898.D  
Acq: 25 Jun 2021 03:57

Tgt Ion:101 Resp: 638  
Ion Ratio Lower Upper  
101 100  
85 40.8 34.9 52.3  
151 62.7 61.4 92.2

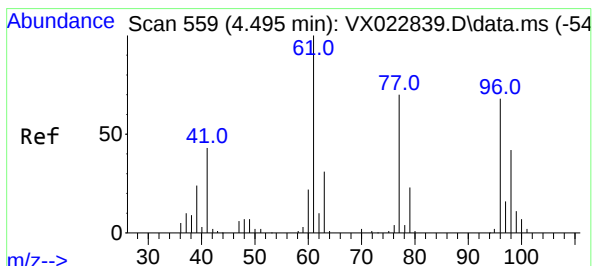
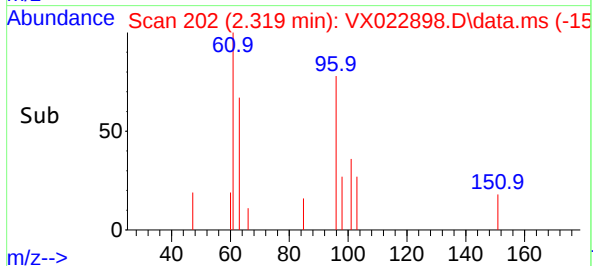
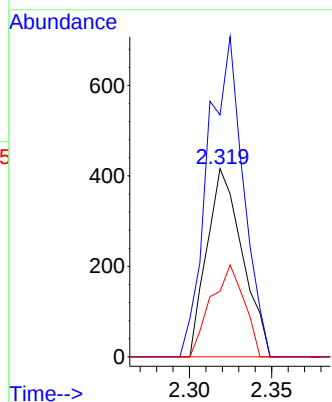
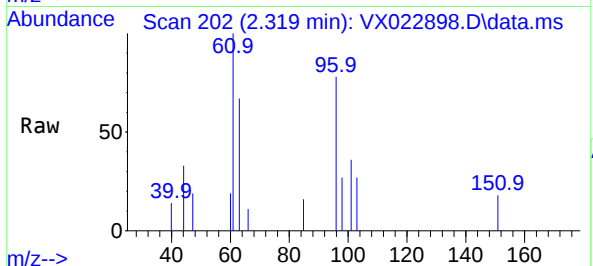




#12  
1,1-Dichloroethene  
Concen: 0.975 ug/l  
RT: 2.319 min Scan# 202  
Delta R.T. 0.001 min  
Lab File: VX022898.D  
Acq: 25 Jun 2021 03:57

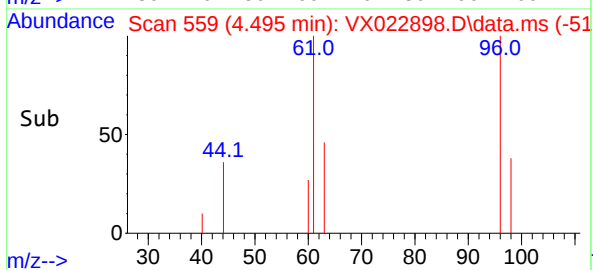
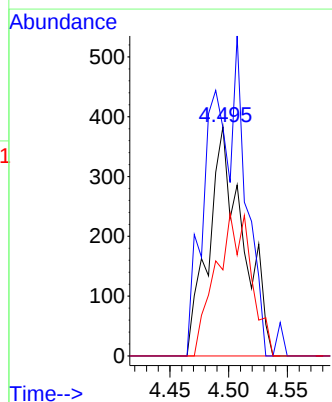
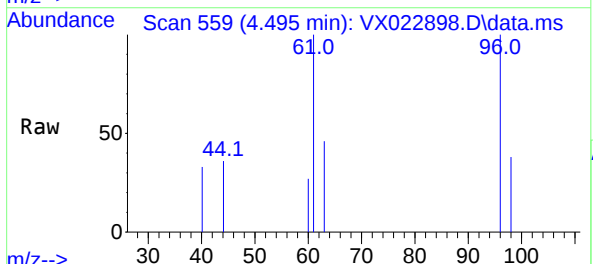
Instrument :  
MSVOA\_X  
ClientSampleId :  
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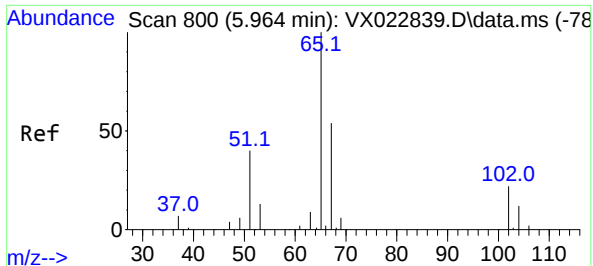
Tgt Ion: 96 Resp: 623  
Ion Ratio Lower Upper  
96 100  
61 128.6 124.6 187.0  
98 34.9 50.6 76.0#



#27  
cis-1,2-Dichloroethene  
Concen: 0.990 ug/l  
RT: 4.495 min Scan# 559  
Delta R.T. 0.000 min  
Lab File: VX022898.D  
Acq: 25 Jun 2021 03:57

Tgt Ion: 96 Resp: 779  
Ion Ratio Lower Upper  
96 100  
61 88.7 0.0 285.6  
98 64.3 0.0 129.6





#33

1,2-Dichloroethane-d4

Concen: 56.782 ug/l

RT: 5.964 min Scan# 800

Delta R.T. 0.000 min

Lab File: VX022898.D

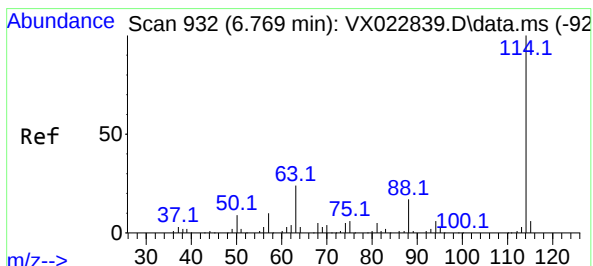
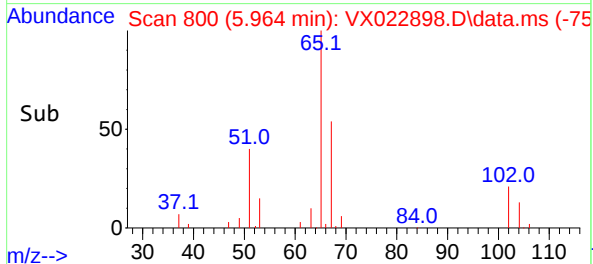
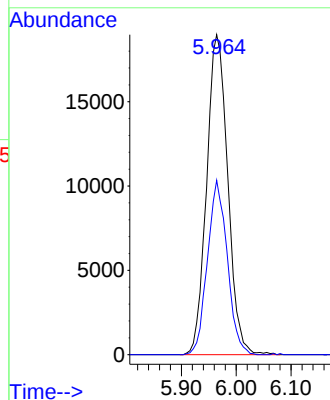
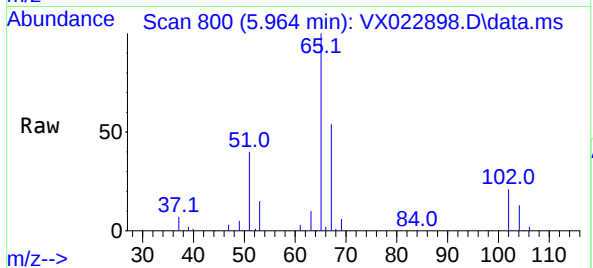
Acq: 25 Jun 2021 03:57

Tgt Ion: 65 Resp: 50777

Ion Ratio Lower Upper

65 100

67 51.0 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: VX022898.D

Acq: 25 Jun 2021 03:57

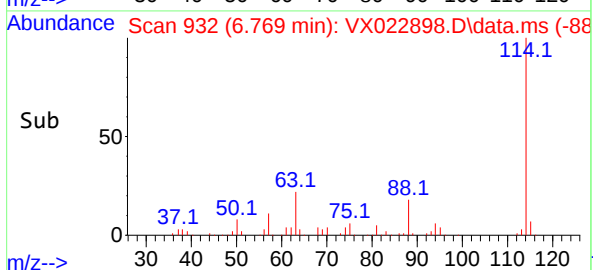
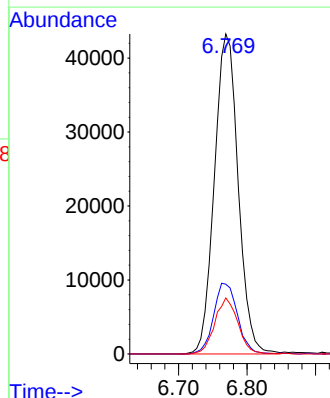
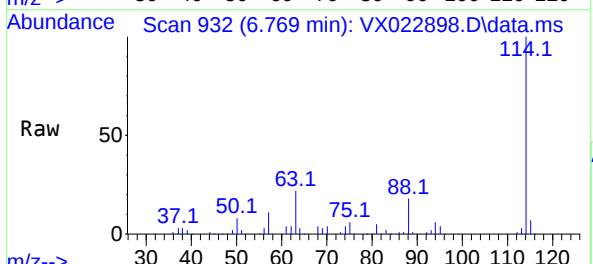
Tgt Ion:114 Resp: 104092

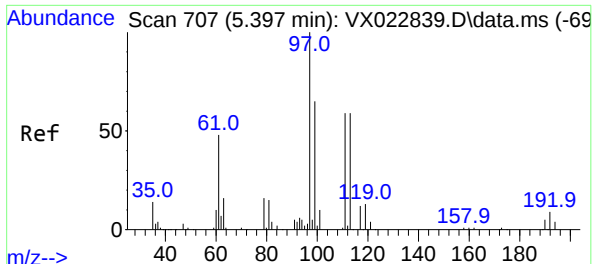
Ion Ratio Lower Upper

114 100

63 21.8 0.0 40.8

88 17.5 0.0 32.8

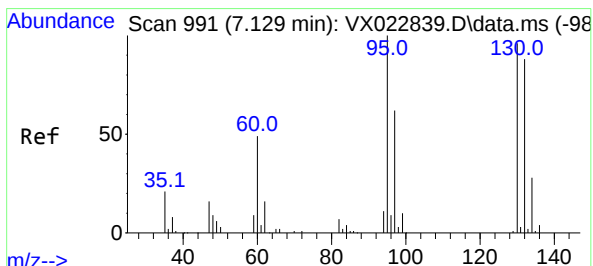
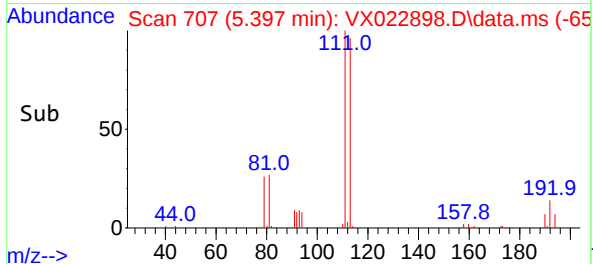
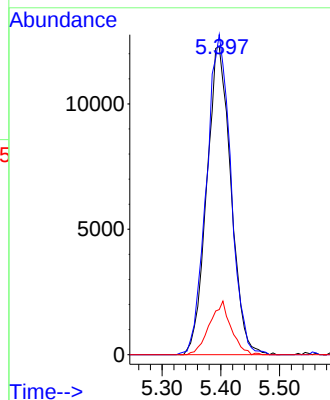
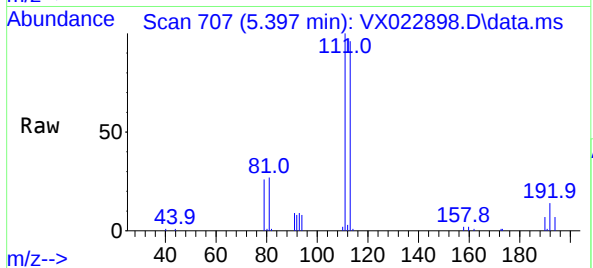




#35  
Dibromofluoromethane  
Concen: 53.225 ug/l  
RT: 5.397 min Scan# 707  
Delta R.T. 0.000 min  
Lab File: VX022898.D  
Acq: 25 Jun 2021 03:57

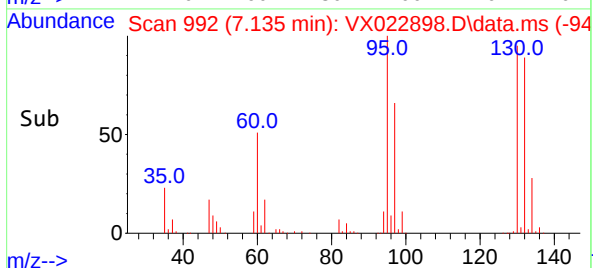
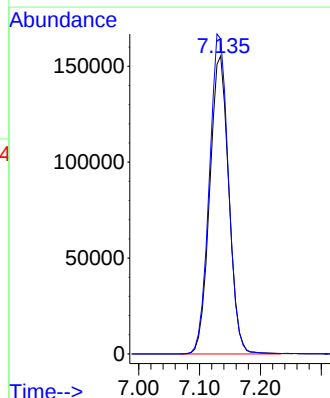
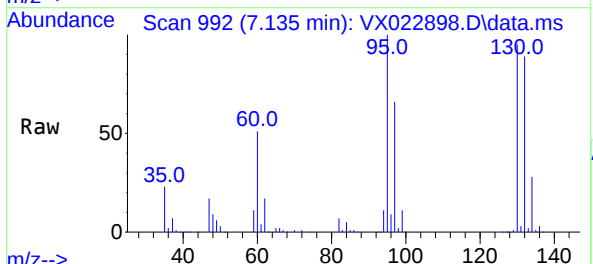
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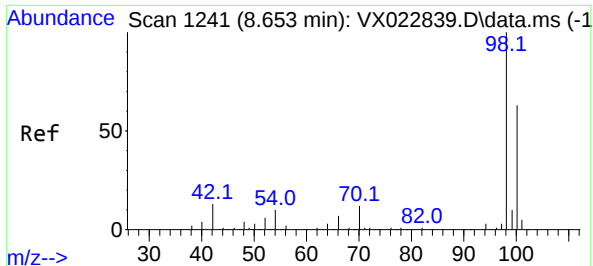
Tgt Ion:113 Resp: 35182  
Ion Ratio Lower Upper  
113 100  
111 104.6 81.9 122.9  
192 15.4 16.7 25.1#



#44  
Trichloroethene  
Concen: 447.220 ug/l  
RT: 7.135 min Scan# 992  
Delta R.T. 0.006 min  
Lab File: VX022898.D  
Acq: 25 Jun 2021 03:57

Tgt Ion:130 Resp: 338125  
Ion Ratio Lower Upper  
130 100  
95 105.8 0.0 198.0

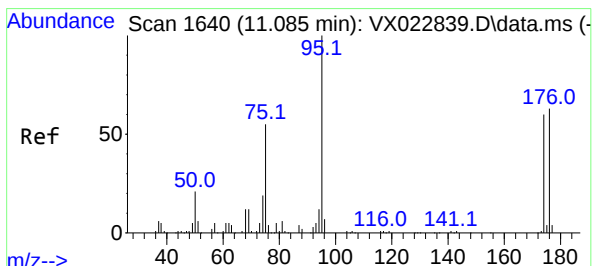
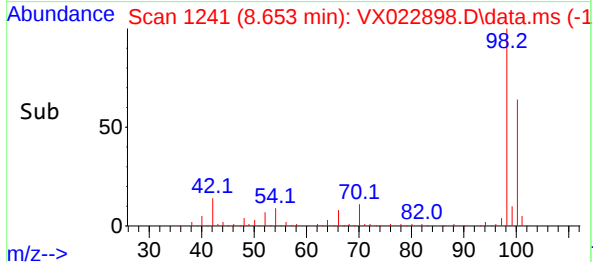
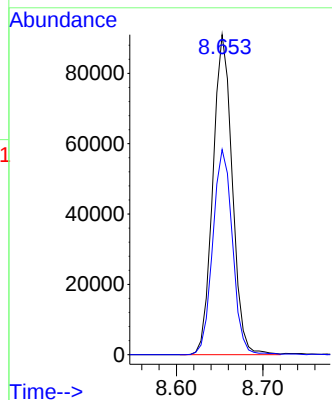
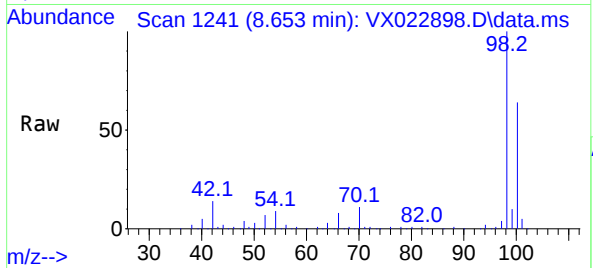




#50  
Toluene-d8  
Concen: 54.603 ug/l  
RT: 8.653 min Scan# 1241  
Delta R.T. -0.000 min  
Lab File: VX022898.D  
Acq: 25 Jun 2021 03:57

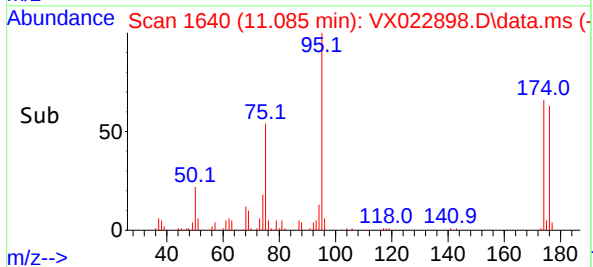
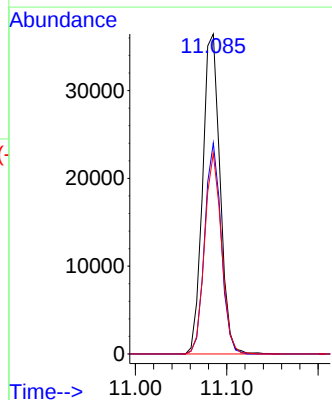
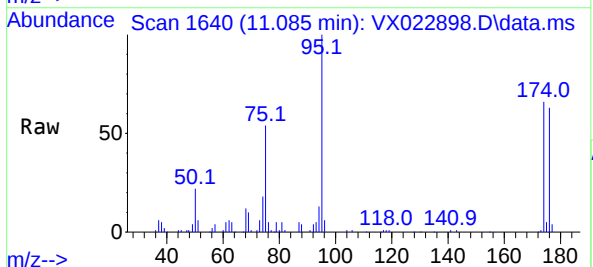
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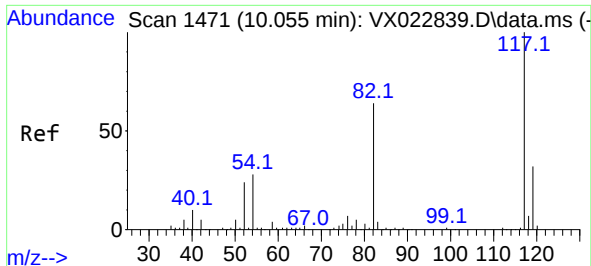
Tgt Ion: 98 Resp: 141455  
Ion Ratio Lower Upper  
98 100  
100 65.3 51.9 77.9



#62  
4-Bromofluorobenzene  
Concen: 49.725 ug/l  
RT: 11.085 min Scan# 1640  
Delta R.T. 0.000 min  
Lab File: VX022898.D  
Acq: 25 Jun 2021 03:57

Tgt Ion: 95 Resp: 48076  
Ion Ratio Lower Upper  
95 100  
174 62.2 0.0 154.6  
176 60.6 0.0 155.8

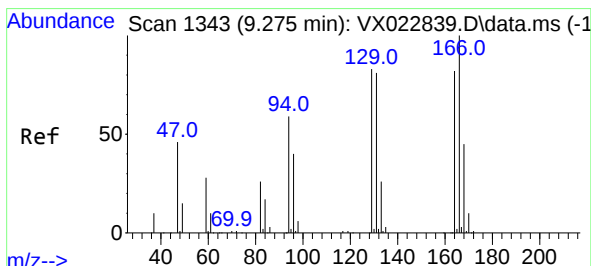
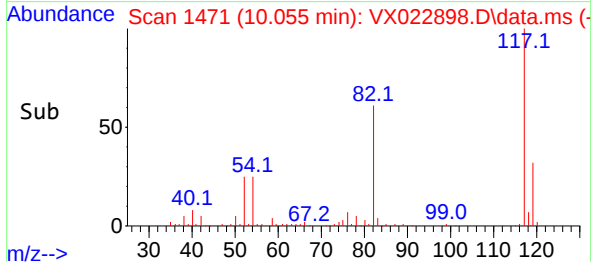
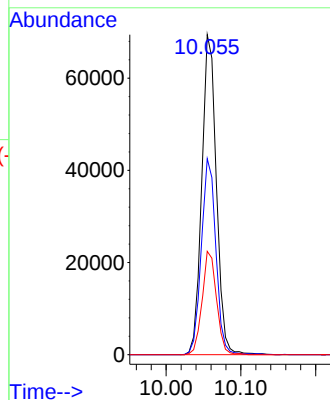
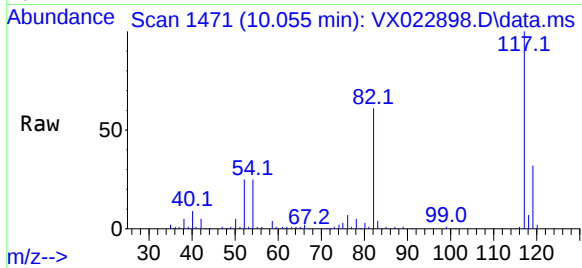




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.055 min Scan# 1471  
Delta R.T. -0.000 min  
Lab File: VX022898.D  
Acq: 25 Jun 2021 03:57

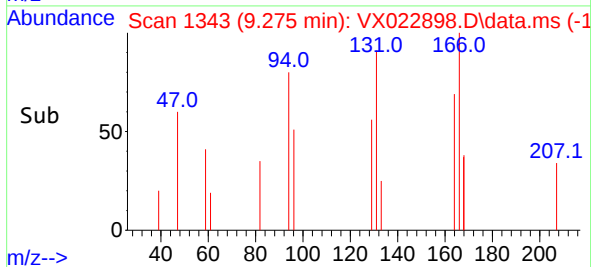
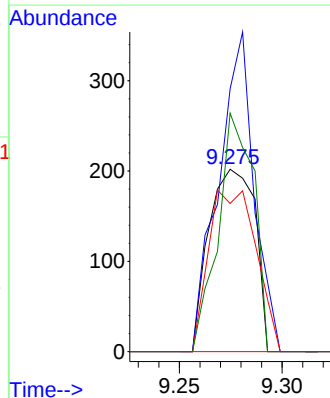
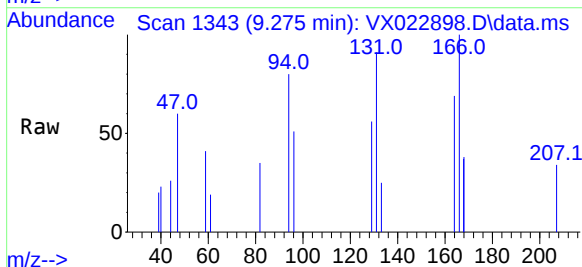
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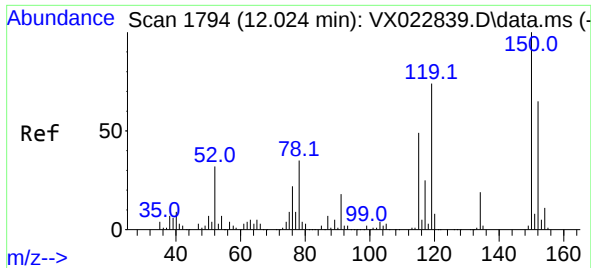
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 117   | Resp: | 94166 |
| Ion      | Ratio | Lower | Upper |
| 117      | 100   |       |       |
| 82       | 61.2  | 47.4  | 71.2  |
| 119      | 32.3  | 26.6  | 39.8  |



#64  
Tetrachloroethene  
Concen: 0.476 ug/l  
RT: 9.275 min Scan# 1343  
Delta R.T. -0.000 min  
Lab File: VX022898.D  
Acq: 25 Jun 2021 03:57

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 164   | Resp: | 315   |
| Ion      | Ratio | Lower | Upper |
| 164      | 100   |       |       |
| 166      | 144.1 | 103.4 | 155.2 |
| 129      | 81.2  | 70.8  | 106.2 |
| 131      | 130.7 | 72.5  | 108.7 |





#72  
 1,4-Dichlorobenzene-d4  
 Concen: 50.000 ug/l  
 RT: 12.024 min Scan# 1794  
 Delta R.T. 0.000 min  
 Lab File: VX022898.D  
 Acq: 25 Jun 2021 03:57

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 RE108D2-20210622

Tgt Ion:152 Resp: 36033  
 Ion Ratio Lower Upper  
 152 100  
 115 64.6 41.1 123.3  
 150 153.9 0.0 349.0

