

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX021022\  
 Data File : VX026925.D  
 Acq On : 10 Feb 2022 17:08  
 Operator : JC/MD  
 Sample : N1446-08DL 10X  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 MW-136BDL

Quant Time: Feb 11 04:01:06 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X020822W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Feb 08 07:07:46 2022  
 Response via : Initial Calibration

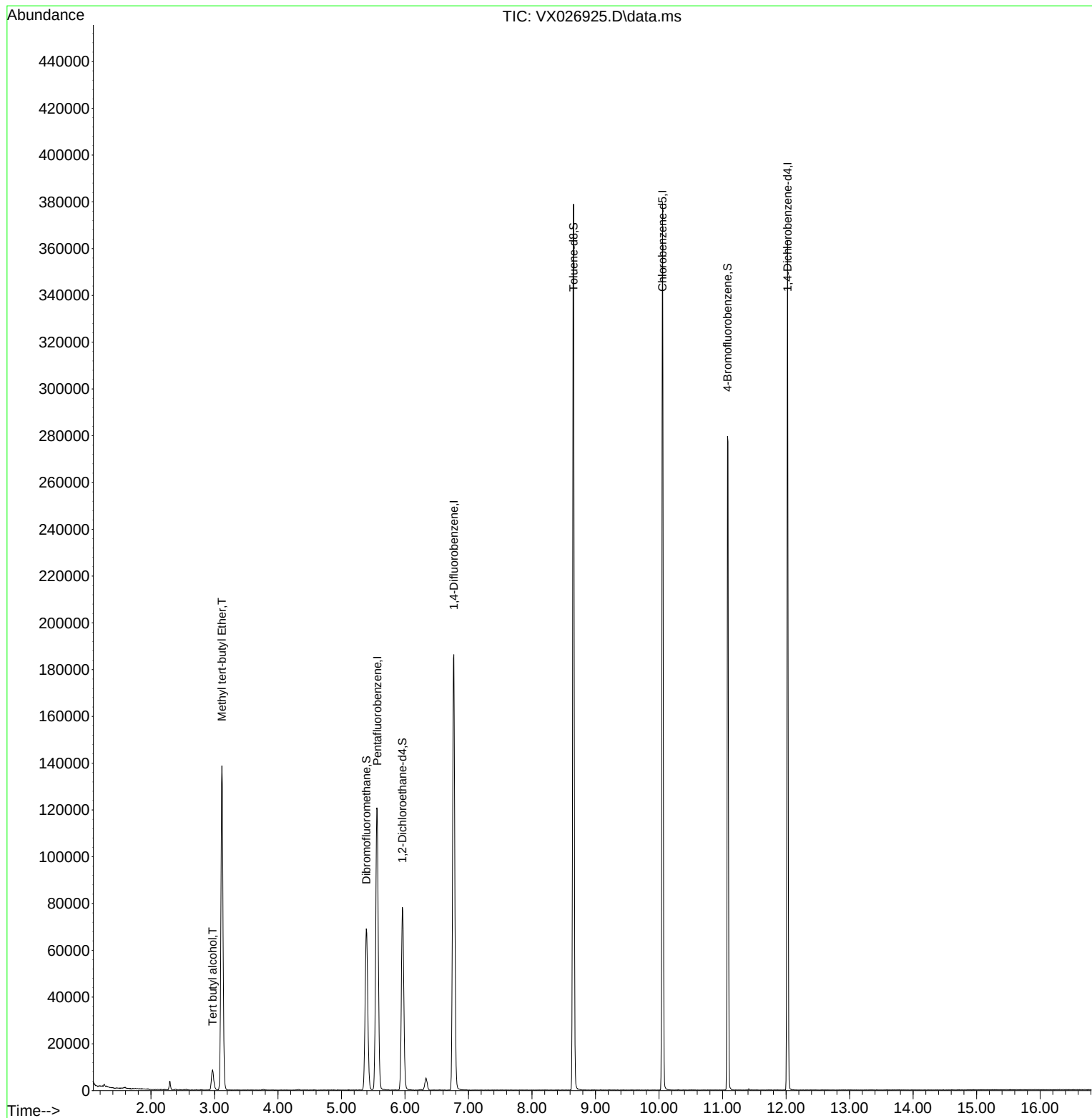
| Compound                    | R.T. QIon |       | Response | Conc     | Units      | Dev(Min) |
|-----------------------------|-----------|-------|----------|----------|------------|----------|
| -----                       |           |       |          |          |            |          |
| Internal Standards          |           |       |          |          |            |          |
| 1) Pentafluorobenzene       | 5.562     | 168   | 114756   | 50.000   | ug/l       | 0.00     |
| 34) 1,4-Difluorobenzene     | 6.769     | 114   | 194166   | 50.000   | ug/l       | 0.00     |
| 63) Chlorobenzene-d5        | 10.055    | 117   | 167996   | 50.000   | ug/l       | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 12.024    | 152   | 72177    | 50.000   | ug/l       | 0.00     |
|                             |           |       |          |          |            |          |
| System Monitoring Compounds |           |       |          |          |            |          |
| 33) 1,2-Dichloroethane-d4   | 5.958     | 65    | 76723    | 55.696   | ug/l       | 0.00     |
| Spiked Amount               | 50.000    | Range | 78 - 117 | Recovery | = 111.400% |          |
| 35) Dibromofluoromethane    | 5.391     | 113   | 60880    | 52.628   | ug/l       | 0.00     |
| Spiked Amount               | 50.000    | Range | 75 - 124 | Recovery | = 105.260% |          |
| 50) Toluene-d8              | 8.653     | 98    | 222536   | 52.407   | ug/l       | 0.00     |
| Spiked Amount               | 50.000    | Range | 92 - 112 | Recovery | = 104.820% |          |
| 62) 4-Bromofluorobenzene    | 11.079    | 95    | 79501    | 53.179   | ug/l       | 0.00     |
| Spiked Amount               | 50.000    | Range | 83 - 123 | Recovery | = 106.360% |          |
|                             |           |       |          |          |            |          |
| Target Compounds            |           |       |          |          |            | Qvalue   |
| 11) Tert butyl alcohol      | 2.971     | 59    | 11376    | 45.713   | ug/l       | 97       |
| 19) Methyl tert-butyl Ether | 3.117     | 73    | 152646   | 36.720   | ug/l       | 98       |
| -----                       |           |       |          |          |            |          |

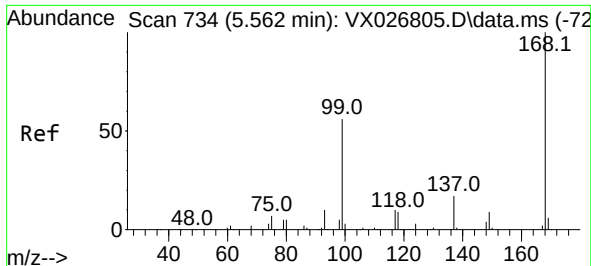
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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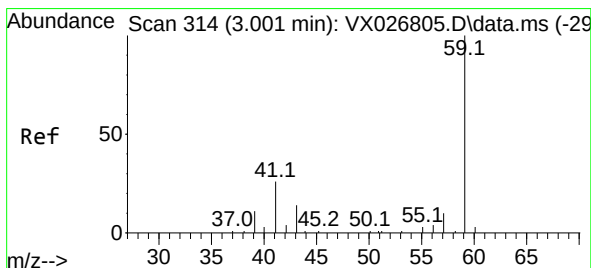
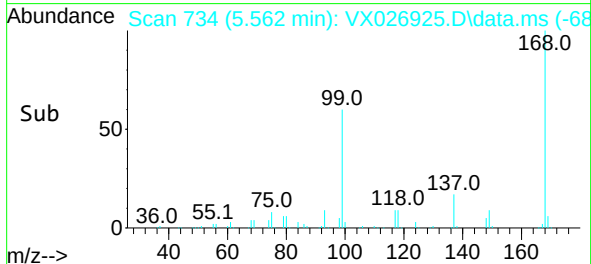
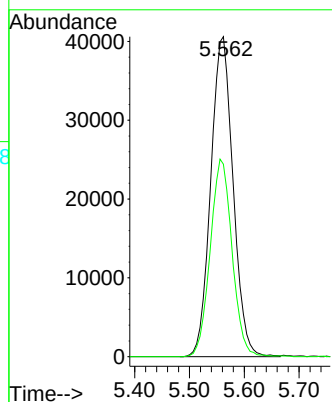
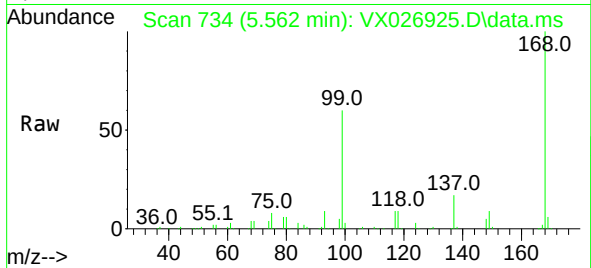




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.562 min Scan# 71  
Delta R.T. -0.000 min  
Lab File: VX026925.D  
Acq: 10 Feb 2022 17:08

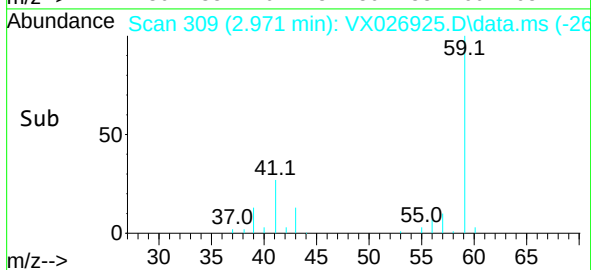
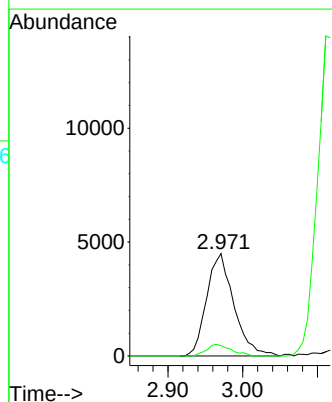
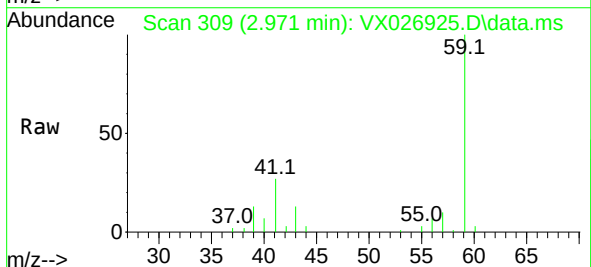
Instrument :  
MSVOA\_X  
ClientSampleId :  
MW-136BDL

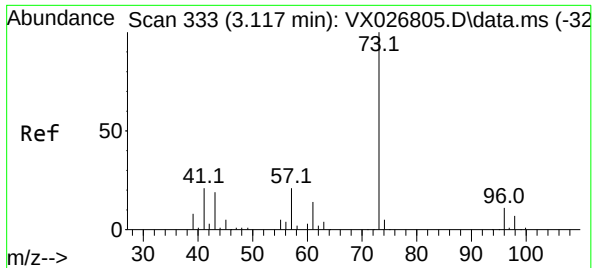
Tgt Ion:168 Resp: 114756  
Ion Ratio Lower Upper  
168 100  
99 60.1 50.3 75.5



#11  
Tert butyl alcohol  
Concen: 45.713 ug/l  
RT: 2.971 min Scan# 309  
Delta R.T. -0.030 min  
Lab File: VX026925.D  
Acq: 10 Feb 2022 17:08

Tgt Ion: 59 Resp: 11376  
Ion Ratio Lower Upper  
59 100  
57 10.2 7.2 10.8

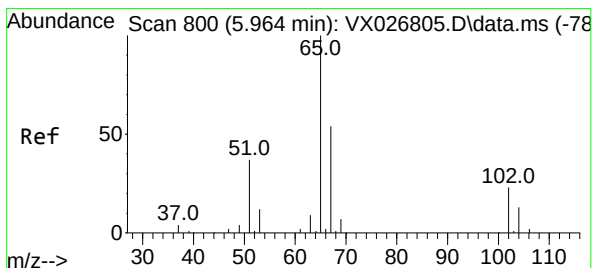
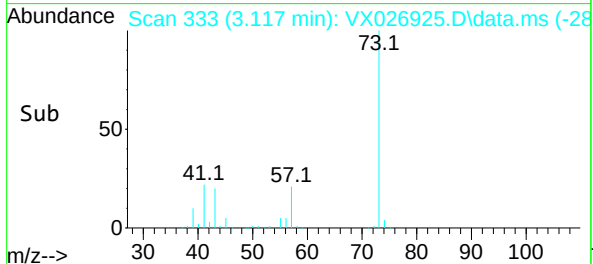
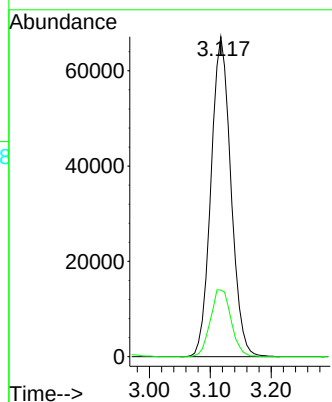
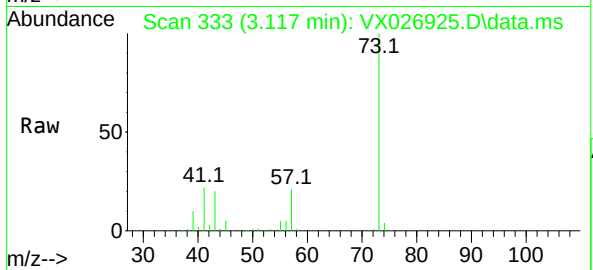




#19  
Methyl tert-butyl Ether  
Concen: 36.720 ug/l  
RT: 3.117 min Scan# 31  
Delta R.T. -0.000 min  
Lab File: VX026925.D  
Acq: 10 Feb 2022 17:08

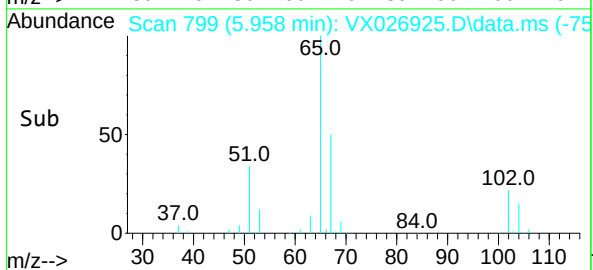
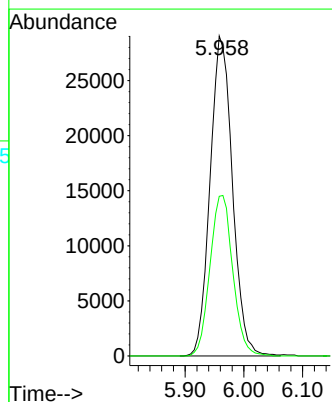
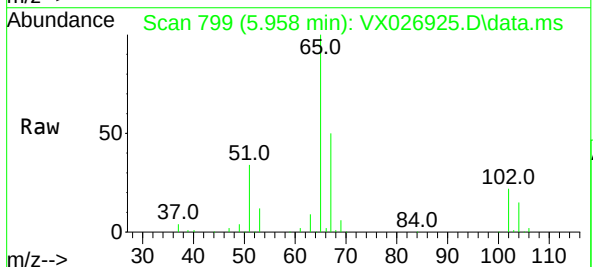
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ClientSampleId :  
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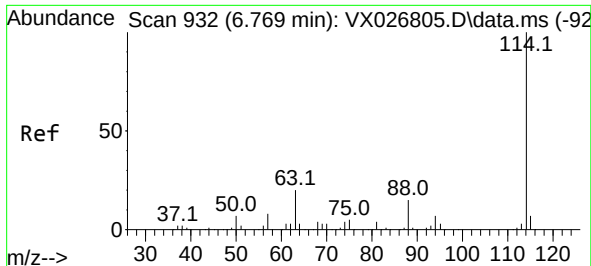
Tgt Ion: 73 Resp: 152646  
Ion Ratio Lower Upper  
73 100  
57 20.8 17.4 26.2



#33  
1,2-Dichloroethane-d4  
Concen: 55.696 ug/l  
RT: 5.958 min Scan# 799  
Delta R.T. -0.006 min  
Lab File: VX026925.D  
Acq: 10 Feb 2022 17:08

Tgt Ion: 65 Resp: 76723  
Ion Ratio Lower Upper  
65 100  
67 51.2 0.0 100.8

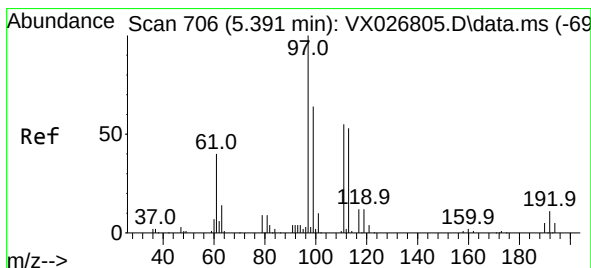
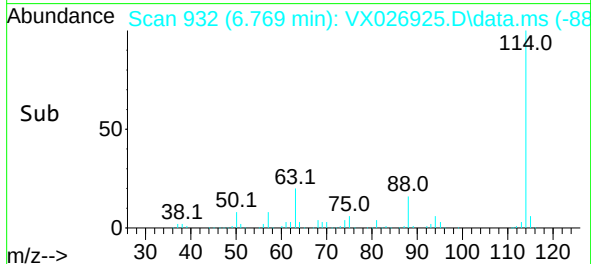
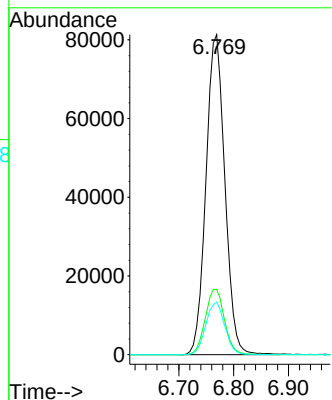
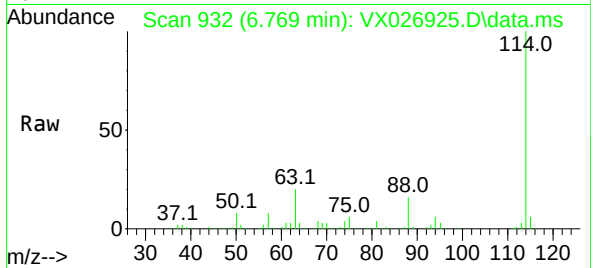




#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 6.769 min Scan# 91  
 Delta R.T. -0.000 min  
 Lab File: VX026925.D  
 Acq: 10 Feb 2022 17:08

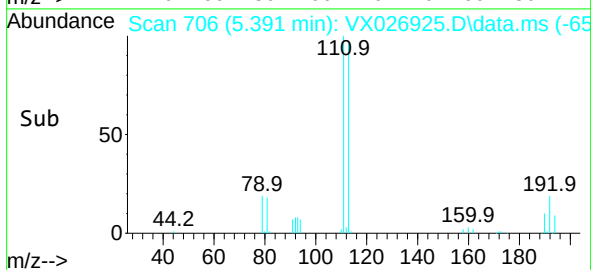
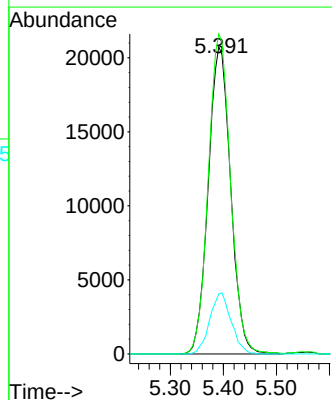
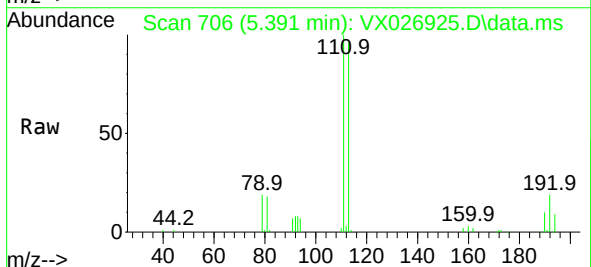
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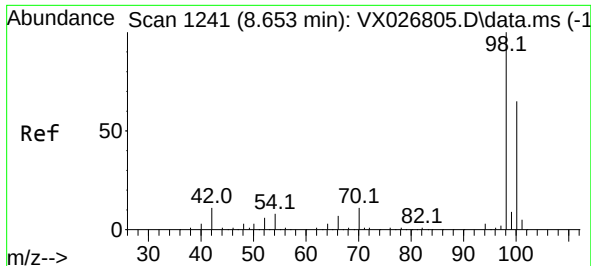
Tgt Ion:114 Resp: 194166  
 Ion Ratio Lower Upper  
 114 100  
 63 20.4 0.0 42.8  
 88 16.5 0.0 33.0



#35  
 Dibromofluoromethane  
 Concen: 52.628 ug/l  
 RT: 5.391 min Scan# 706  
 Delta R.T. -0.000 min  
 Lab File: VX026925.D  
 Acq: 10 Feb 2022 17:08

Tgt Ion:113 Resp: 60880  
 Ion Ratio Lower Upper  
 113 100  
 111 103.5 81.2 121.8  
 192 19.0 15.0 22.4

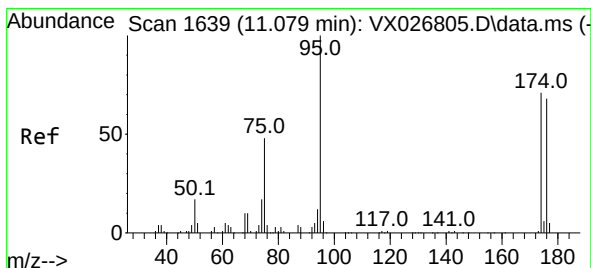
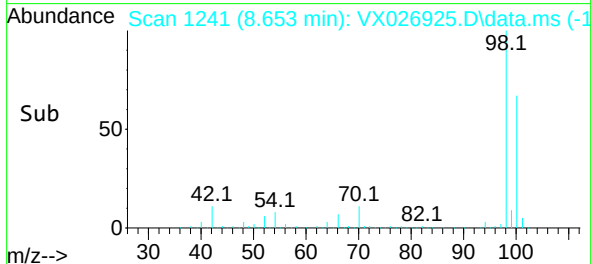
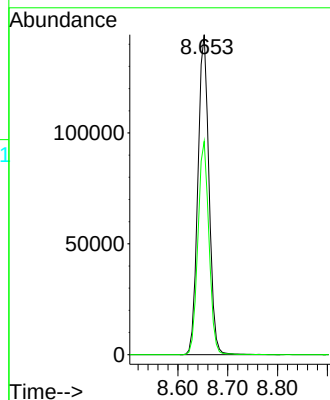
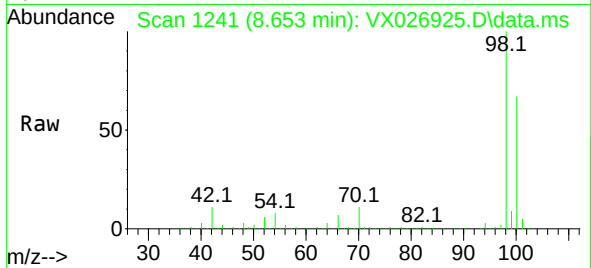




#50  
Toluene-d8  
Concen: 52.407 ug/l  
RT: 8.653 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VX026925.D  
Acq: 10 Feb 2022 17:08

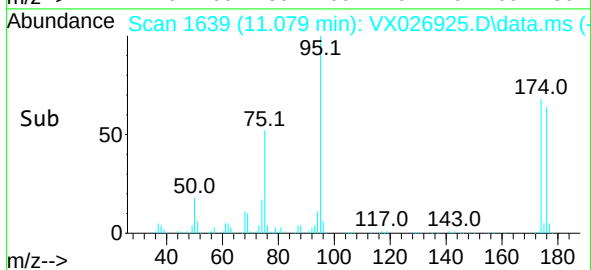
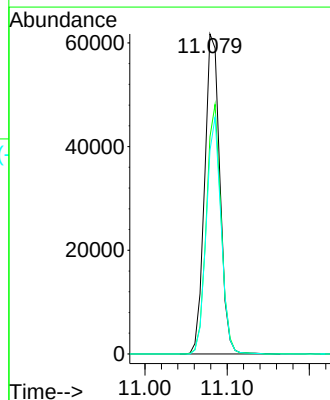
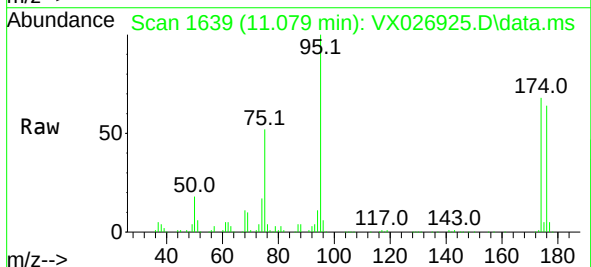
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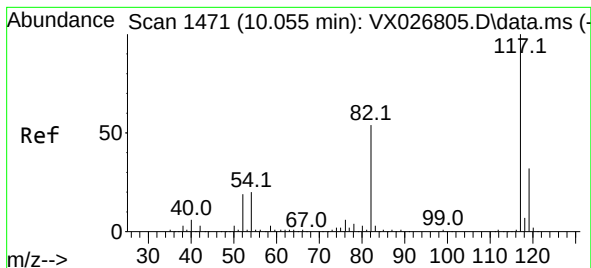
Tgt Ion: 98 Resp: 222536  
Ion Ratio Lower Upper  
98 100  
100 66.4 53.2 79.8



#62  
4-Bromofluorobenzene  
Concen: 53.179 ug/l  
RT: 11.079 min Scan# 1639  
Delta R.T. -0.000 min  
Lab File: VX026925.D  
Acq: 10 Feb 2022 17:08

Tgt Ion: 95 Resp: 79501  
Ion Ratio Lower Upper  
95 100  
174 74.8 0.0 148.6  
176 71.4 0.0 141.4

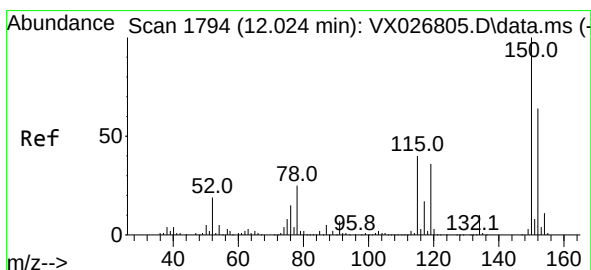
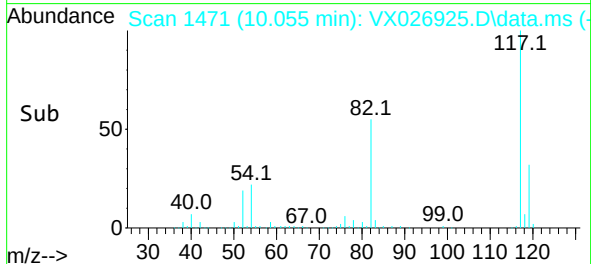
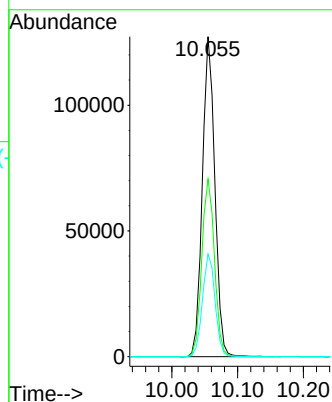
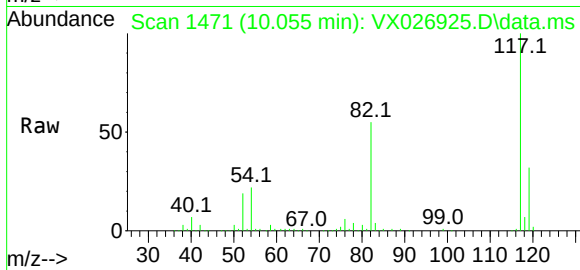




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.055 min Scan# 1471  
Delta R.T. -0.000 min  
Lab File: VX026925.D  
Acq: 10 Feb 2022 17:08

Instrument :  
MSVOA\_X  
ClientSampleId :  
MW-136BDL

Tgt Ion:117 Resp: 167996  
Ion Ratio Lower Upper  
117 100  
82 55.4 45.2 67.8  
119 32.1 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: VX026925.D  
Acq: 10 Feb 2022 17:08

Tgt Ion:152 Resp: 72177  
Ion Ratio Lower Upper  
152 100  
115 60.5 44.2 132.6  
150 157.6 0.0 348.2

