

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX031822\  
 Data File : VX027522.D  
 Acq On : 18 Mar 2022 12:57  
 Operator : JC/MD  
 Sample : N1997-17DL 10X  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 MW-121DL

Quant Time: Mar 19 03:06:13 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X031722W.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Mar 17 15:02:59 2022  
 Response via : Initial Calibration

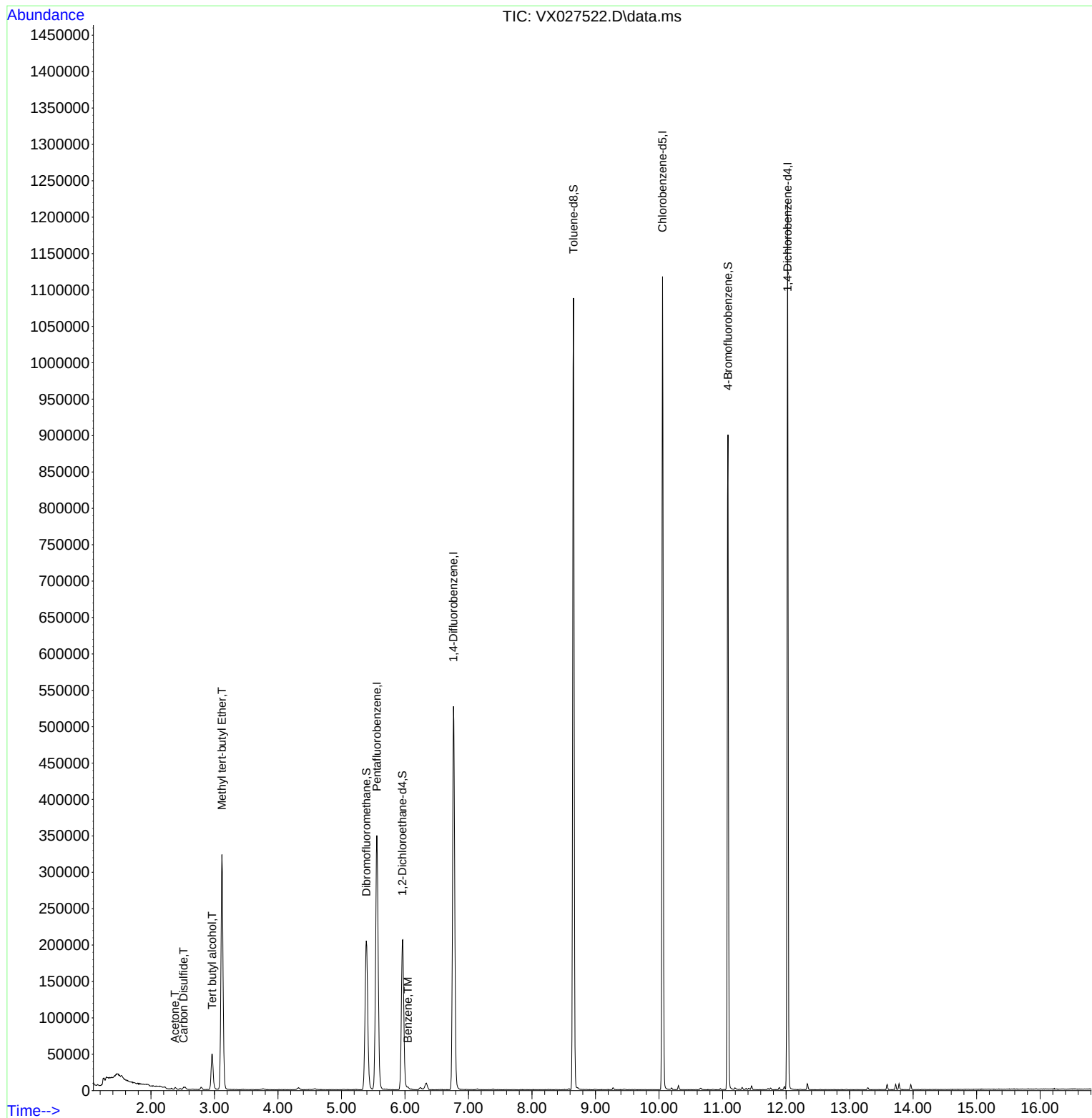
| Compound                    | R.T.   | QIon  | Response | Conc     | Units      | Dev(Min) |
|-----------------------------|--------|-------|----------|----------|------------|----------|
| -----                       |        |       |          |          |            |          |
| Internal Standards          |        |       |          |          |            |          |
| 1) Pentafluorobenzene       | 5.556  | 168   | 337633   | 50.000   | ug/l       | 0.00     |
| 34) 1,4-Difluorobenzene     | 6.763  | 114   | 559910   | 50.000   | ug/l       | 0.00     |
| 63) Chlorobenzene-d5        | 10.055 | 117   | 514390   | 50.000   | ug/l       | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 12.024 | 152   | 245740   | 50.000   | ug/l       | 0.00     |
| System Monitoring Compounds |        |       |          |          |            |          |
| 33) 1,2-Dichloroethane-d4   | 5.958  | 65    | 208070   | 50.025   | ug/l       | 0.00     |
| Spiked Amount               | 50.000 | Range | 61 - 141 | Recovery | = 100.060% |          |
| 35) Dibromofluoromethane    | 5.391  | 113   | 182545   | 50.674   | ug/l       | 0.00     |
| Spiked Amount               | 50.000 | Range | 69 - 133 | Recovery | = 101.340% |          |
| 50) Toluene-d8              | 8.653  | 98    | 657165   | 48.208   | ug/l       | 0.00     |
| Spiked Amount               | 50.000 | Range | 65 - 126 | Recovery | = 96.420%  |          |
| 62) 4-Bromofluorobenzene    | 11.085 | 95    | 242929   | 48.485   | ug/l       | 0.00     |
| Spiked Amount               | 50.000 | Range | 58 - 135 | Recovery | = 96.960%  |          |
| Target Compounds            |        |       |          |          |            |          |
|                             |        |       |          |          | Qvalue     |          |
| 11) Tert butyl alcohol      | 2.965  | 59    | 55360    | 69.839   | ug/l       | 99       |
| 16) Acetone                 | 2.380  | 43    | 2833     | 1.671    | ug/l       | 90       |
| 17) Carbon Disulfide        | 2.514  | 76    | 3810     | 0.478    | ug/l       | 98       |
| 19) Methyl tert-butyl Ether | 3.117  | 73    | 361712   | 34.195   | ug/l       | 99       |
| 40) Benzene                 | 6.043  | 78    | 3185     | 0.226    | ug/l #     | 84       |
| -----                       |        |       |          |          |            |          |

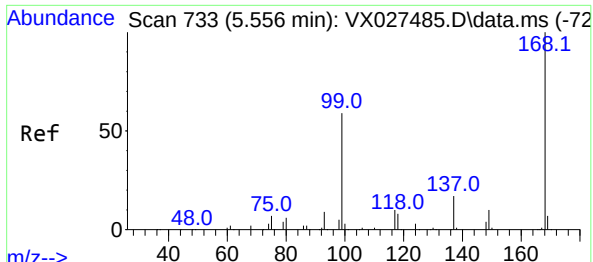
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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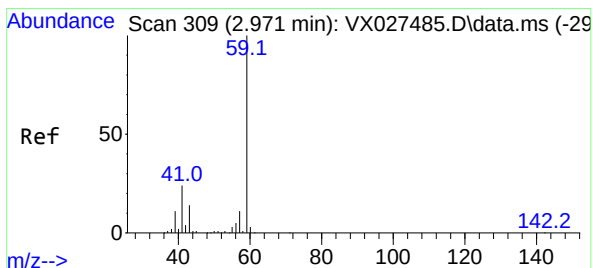
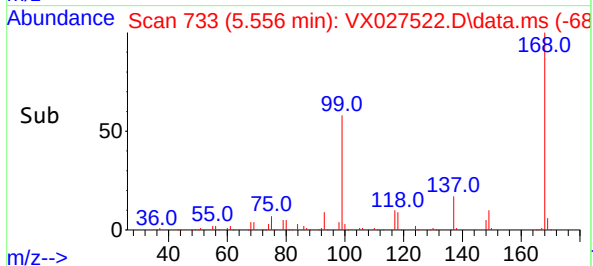
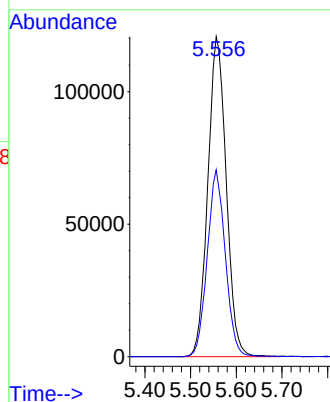
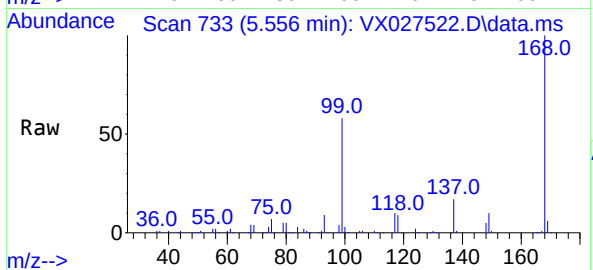




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.556 min Scan# 71  
Delta R.T. -0.000 min  
Lab File: VX027522.D  
Acq: 18 Mar 2022 12:57

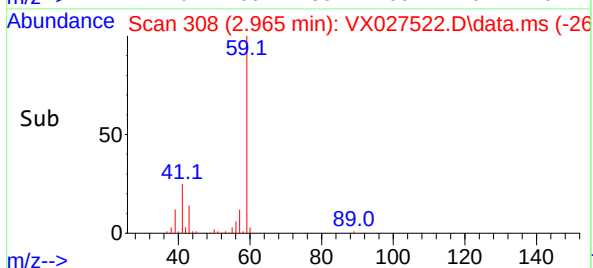
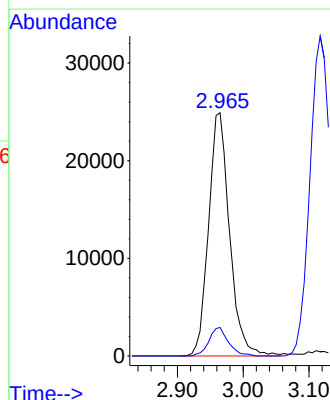
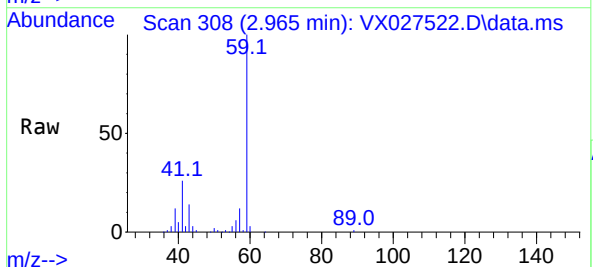
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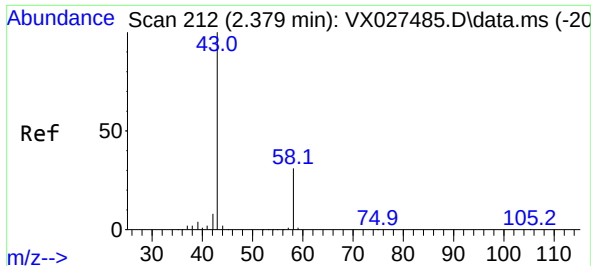
Tgt Ion:168 Resp: 337633  
Ion Ratio Lower Upper  
168 100  
99 58.4 41.7 62.5



#11  
Tert butyl alcohol  
Concen: 69.839 ug/l  
RT: 2.965 min Scan# 308  
Delta R.T. -0.006 min  
Lab File: VX027522.D  
Acq: 18 Mar 2022 12:57

Tgt Ion: 59 Resp: 55360  
Ion Ratio Lower Upper  
59 100  
57 10.9 8.3 12.5

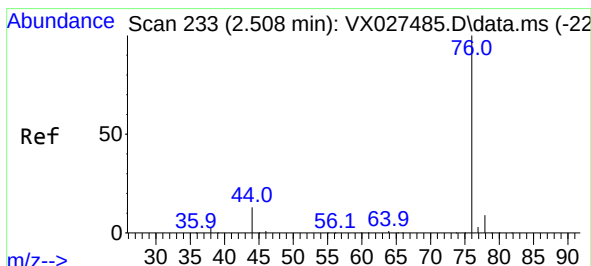
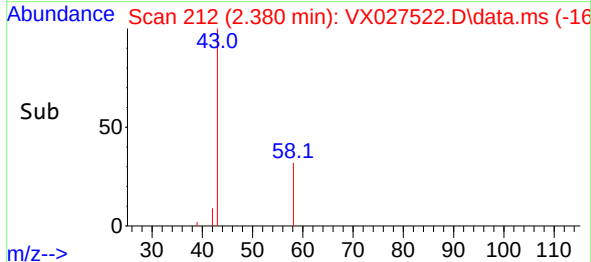
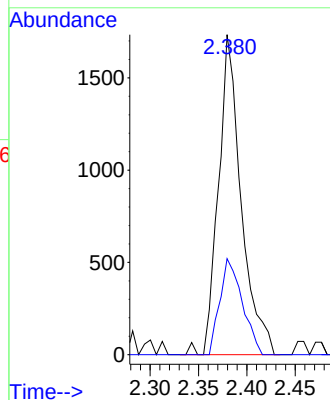
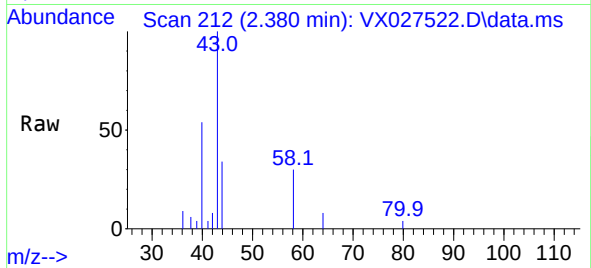




#16  
Acetone  
Concen: 1.671 ug/l  
RT: 2.380 min Scan# 212  
Delta R.T. 0.000 min  
Lab File: VX027522.D  
Acq: 18 Mar 2022 12:57

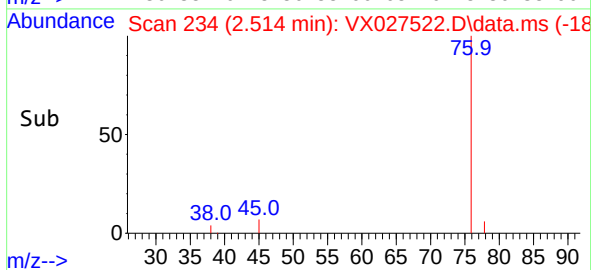
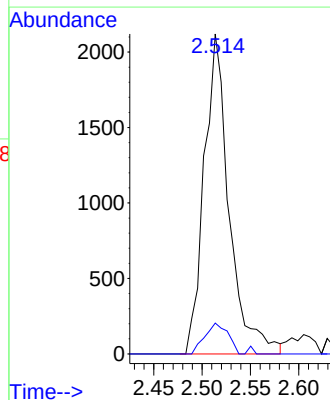
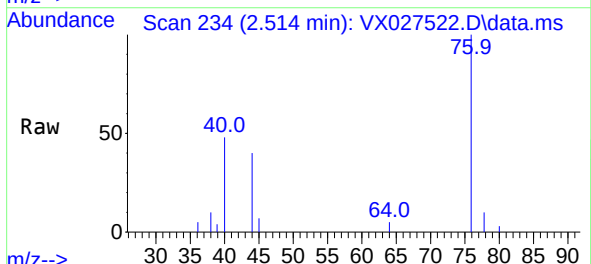
Instrument :  
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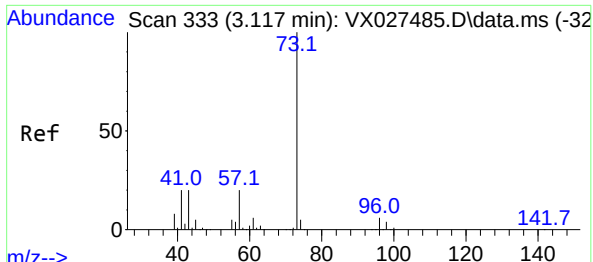
Tgt Ion: 43 Resp: 2833  
Ion Ratio Lower Upper  
43 100  
58 30.0 28.8 43.2



#17  
Carbon Disulfide  
Concen: 0.478 ug/l  
RT: 2.514 min Scan# 234  
Delta R.T. 0.006 min  
Lab File: VX027522.D  
Acq: 18 Mar 2022 12:57

Tgt Ion: 76 Resp: 3810  
Ion Ratio Lower Upper  
76 100  
78 9.6 7.2 10.8

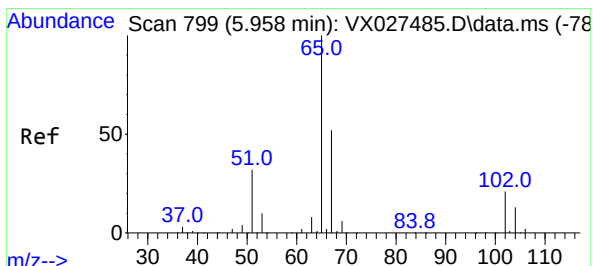
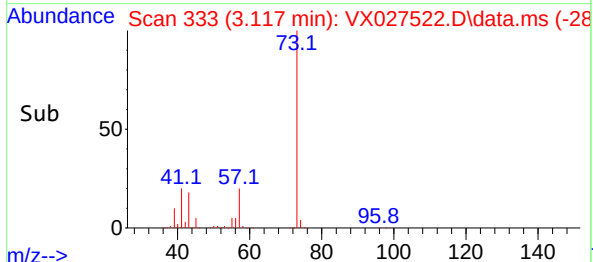
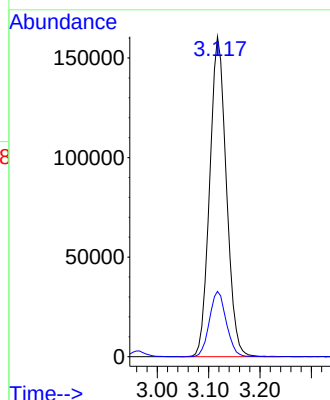
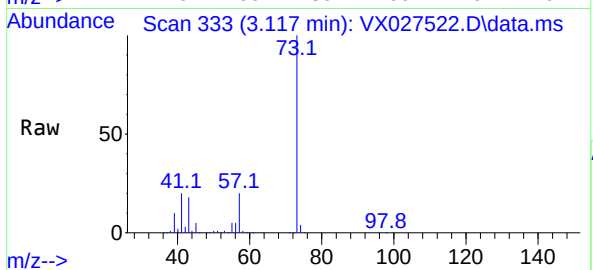




#19  
Methyl tert-butyl Ether  
Concen: 34.195 ug/l  
RT: 3.117 min Scan# 311  
Delta R.T. 0.000 min  
Lab File: VX027522.D  
Acq: 18 Mar 2022 12:57

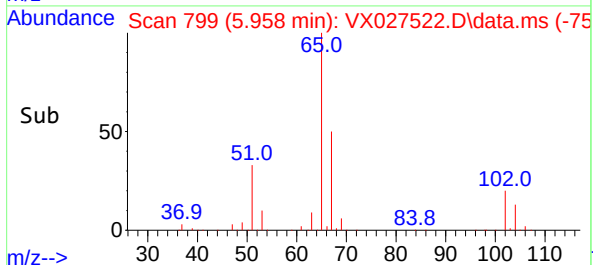
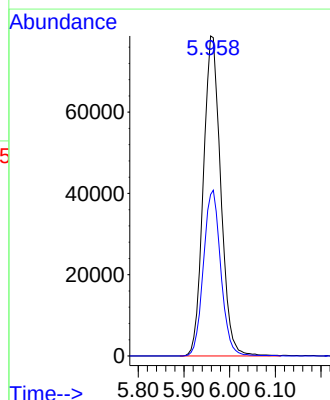
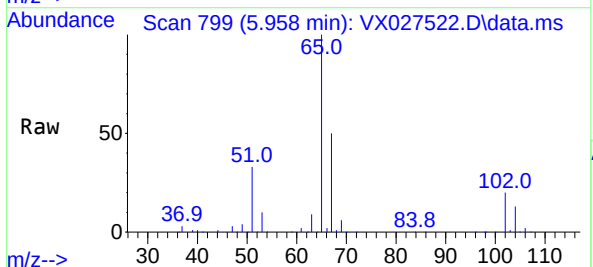
Instrument :  
MSVOA\_X  
ClientSampleId :  
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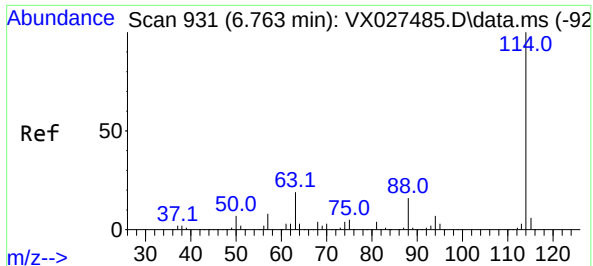
Tgt Ion: 73 Resp: 361712  
Ion Ratio Lower Upper  
73 100  
57 20.4 16.8 25.2



#33  
1,2-Dichloroethane-d4  
Concen: 50.025 ug/l  
RT: 5.958 min Scan# 799  
Delta R.T. 0.000 min  
Lab File: VX027522.D  
Acq: 18 Mar 2022 12:57

Tgt Ion: 65 Resp: 208070  
Ion Ratio Lower Upper  
65 100  
67 51.6 0.0 107.4

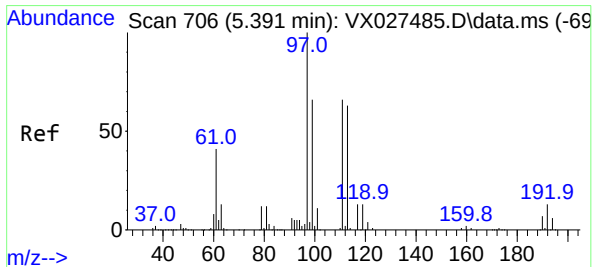
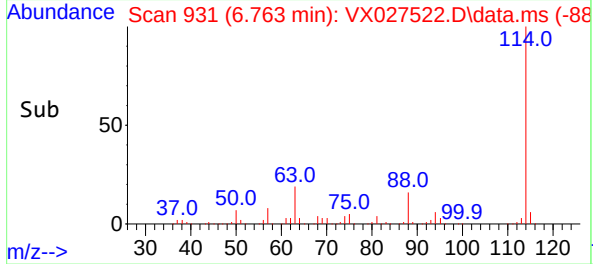
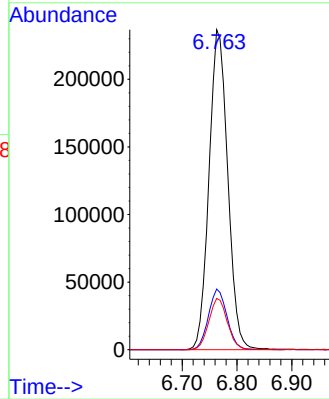
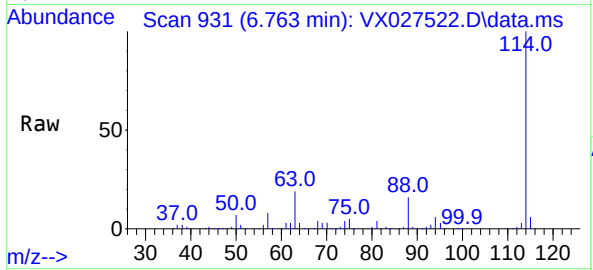




#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 6.763 min Scan# 91  
Delta R.T. 0.000 min  
Lab File: VX027522.D  
Acq: 18 Mar 2022 12:57

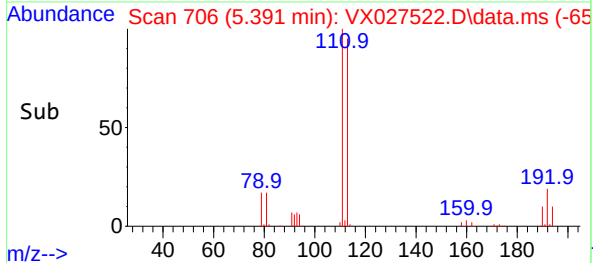
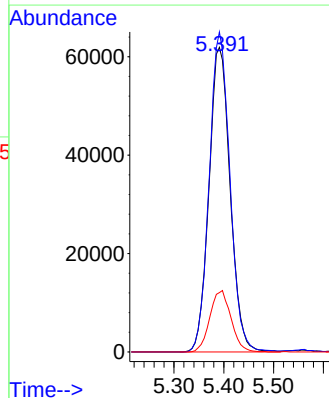
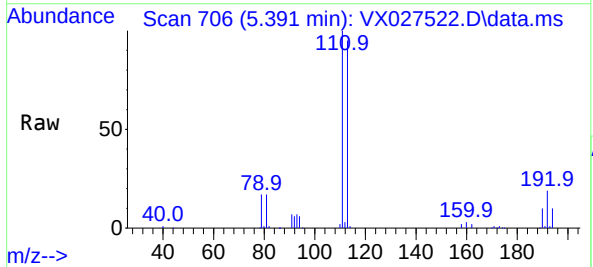
Instrument :  
MSVOA\_X  
ClientSampleId :  
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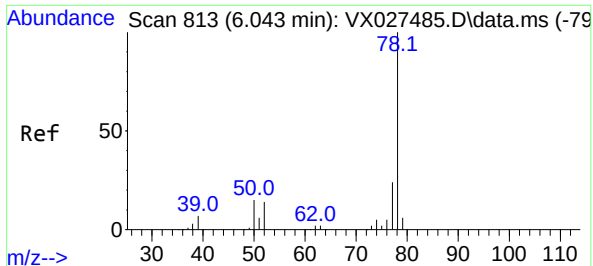
Tgt Ion:114 Resp: 559910  
Ion Ratio Lower Upper  
114 100  
63 19.0 0.0 36.8  
88 16.0 0.0 32.4



#35  
Dibromofluoromethane  
Concen: 50.674 ug/l  
RT: 5.391 min Scan# 706  
Delta R.T. 0.000 min  
Lab File: VX027522.D  
Acq: 18 Mar 2022 12:57

Tgt Ion:113 Resp: 182545  
Ion Ratio Lower Upper  
113 100  
111 102.7 82.8 124.2  
192 20.2 16.9 25.3

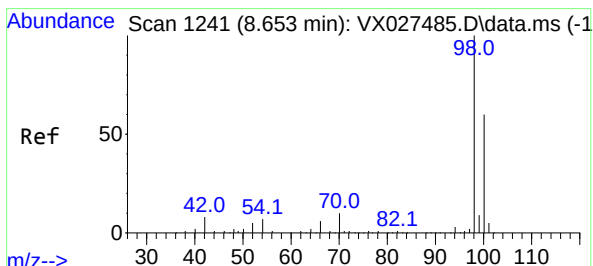
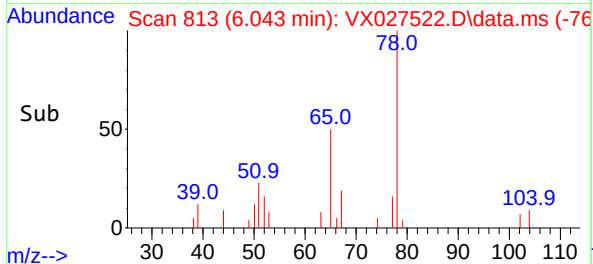
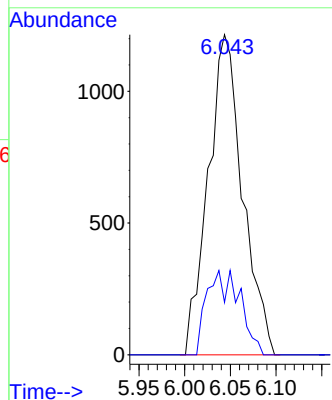
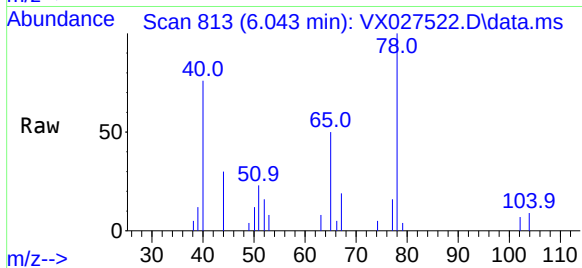




#40  
Benzene  
Concen: 0.226 ug/l  
RT: 6.043 min Scan# 813  
Delta R.T. 0.000 min  
Lab File: VX027522.D  
Acq: 18 Mar 2022 12:57

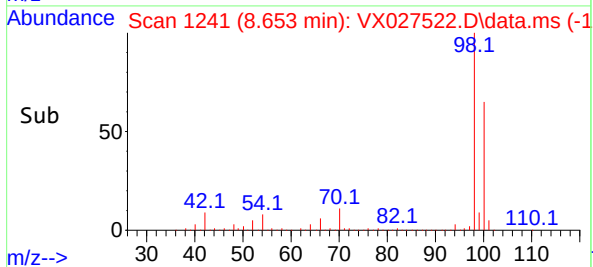
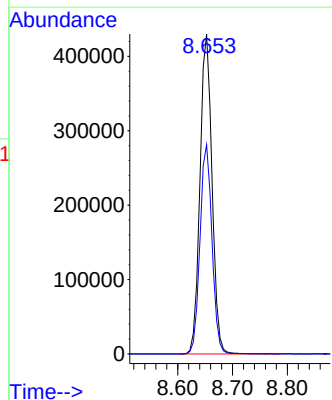
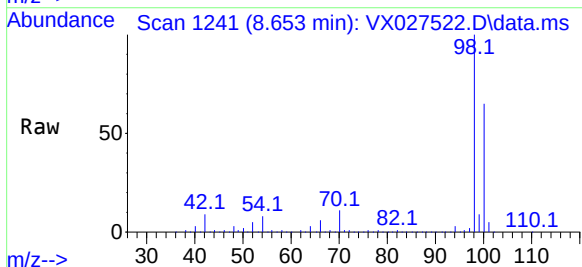
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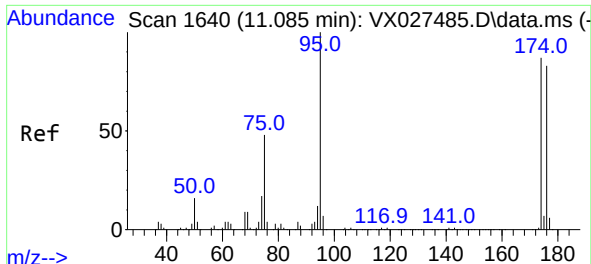
Tgt Ion: 78 Resp: 3185  
Ion Ratio Lower Upper  
78 100  
77 16.4 19.3 28.9#



#50  
Toluene-d8  
Concen: 48.208 ug/l  
RT: 8.653 min Scan# 1241  
Delta R.T. 0.000 min  
Lab File: VX027522.D  
Acq: 18 Mar 2022 12:57

Tgt Ion: 98 Resp: 657165  
Ion Ratio Lower Upper  
98 100  
100 65.1 52.6 78.8

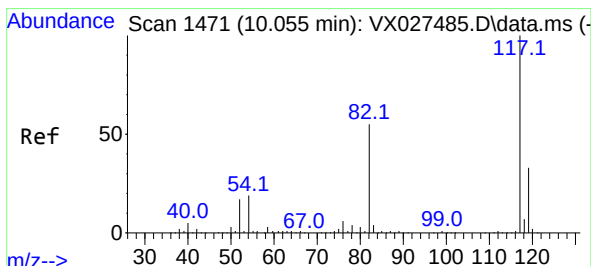
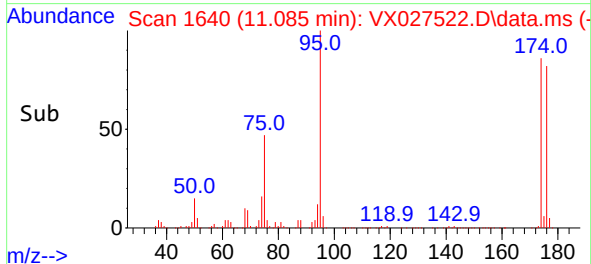
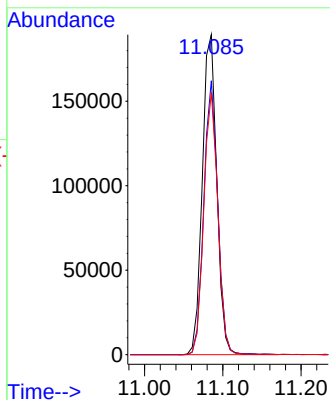
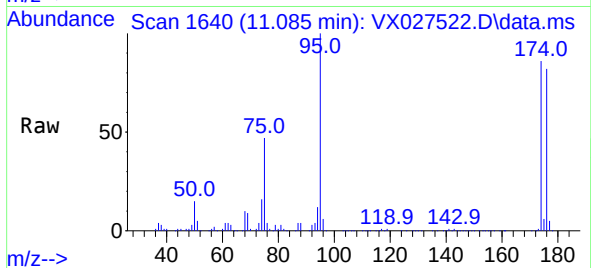




#62  
4-Bromofluorobenzene  
Concen: 48.485 ug/l  
RT: 11.085 min Scan# 1  
Delta R.T. 0.000 min  
Lab File: VX027522.D  
Acq: 18 Mar 2022 12:57

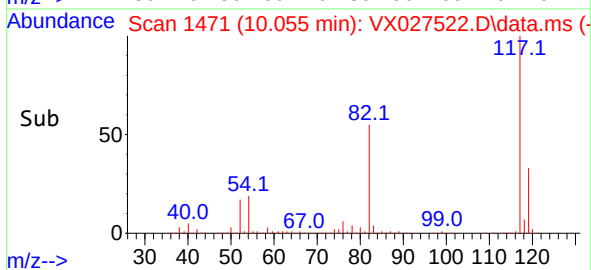
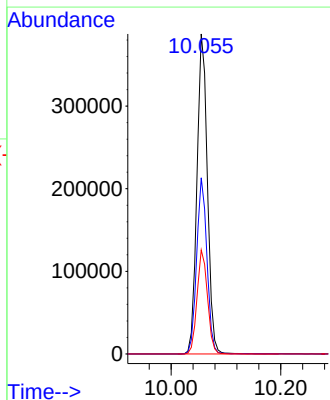
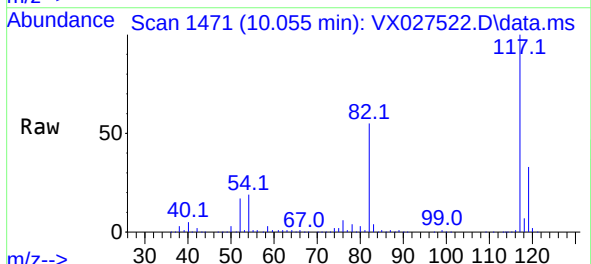
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Tgt Ion: 95 Resp: 242929  
Ion Ratio Lower Upper  
95 100  
174 82.5 0.0 163.0  
176 79.4 0.0 155.0

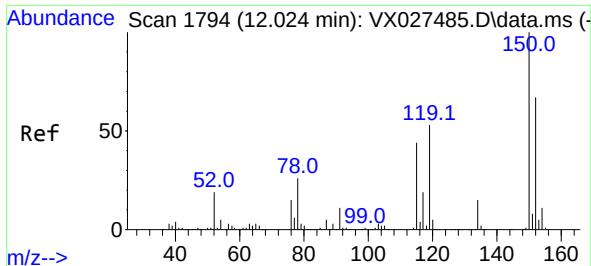


#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.055 min Scan# 1471  
Delta R.T. 0.000 min  
Lab File: VX027522.D  
Acq: 18 Mar 2022 12:57

Tgt Ion: 117 Resp: 514390  
Ion Ratio Lower Upper  
117 100  
82 55.0 41.8 62.8  
119 32.5 24.8 37.2

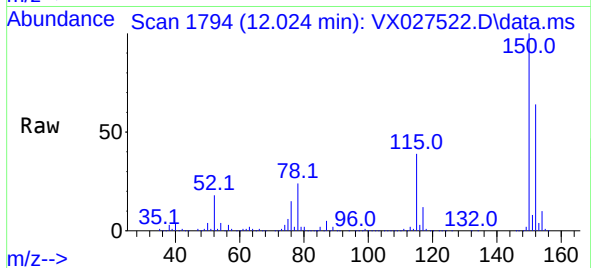






#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 12.024 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VX027522.D  
Acq: 18 Mar 2022 12:57

Instrument :  
MSVOA\_X  
ClientSampleId :  
MW-121DL



Tgt Ion:152 Resp: 245740  
Ion Ratio Lower Upper  
152 100  
115 59.9 37.5 112.7  
150 156.7 0.0 338.2

