

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX042022\  
 Data File : VX028218.D  
 Acq On : 21 Apr 2022 00:19  
 Operator : JC/MD  
 Sample : PB144231TB  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 36 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 PB144231TB

Quant Time: Apr 21 06:20:18 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X041922W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Apr 19 13:38:04 2022  
 Response via : Initial Calibration

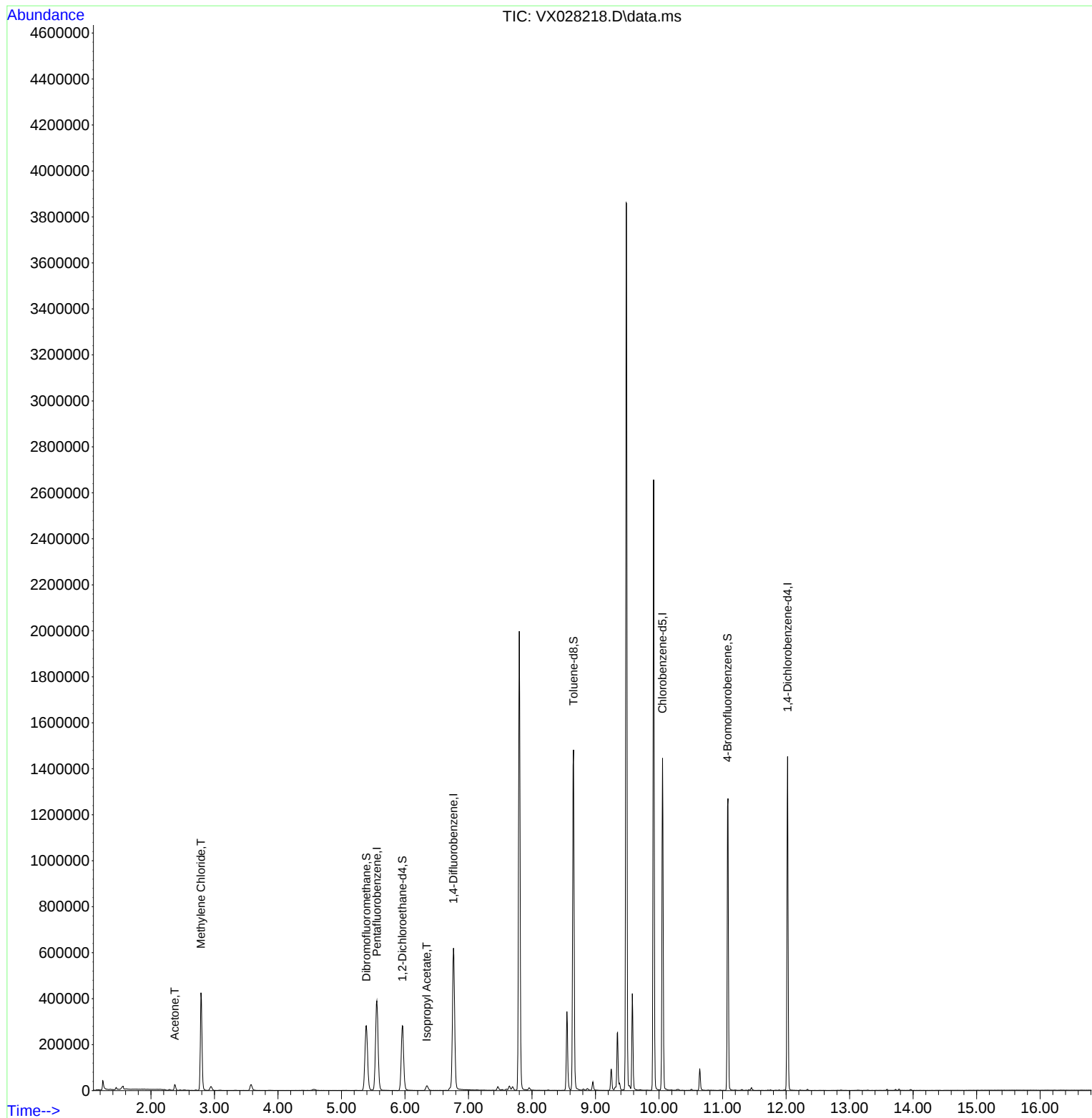
| Compound                    | R.T. QIon |       | Response | Conc     | Units      | Dev(Min) |
|-----------------------------|-----------|-------|----------|----------|------------|----------|
| -----                       |           |       |          |          |            |          |
| Internal Standards          |           |       |          |          |            |          |
| 1) Pentafluorobenzene       | 5.556     | 168   | 381841   | 50.000   | ug/l       | 0.00     |
| 34) 1,4-Difluorobenzene     | 6.763     | 114   | 663738   | 50.000   | ug/l       | 0.00     |
| 63) Chlorobenzene-d5        | 10.055    | 117   | 665620   | 50.000   | ug/l       | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 12.024    | 152   | 307201   | 50.000   | ug/l       | 0.00     |
| System Monitoring Compounds |           |       |          |          |            |          |
| 33) 1,2-Dichloroethane-d4   | 5.958     | 65    | 266818   | 53.591   | ug/l       | 0.00     |
| Spiked Amount               | 50.000    | Range | 61 - 141 | Recovery | = 107.180% |          |
| 35) Dibromofluoromethane    | 5.391     | 113   | 246120   | 52.875   | ug/l       | 0.00     |
| Spiked Amount               | 50.000    | Range | 69 - 133 | Recovery | = 105.760% |          |
| 50) Toluene-d8              | 8.653     | 98    | 914673   | 51.162   | ug/l       | 0.00     |
| Spiked Amount               | 50.000    | Range | 65 - 126 | Recovery | = 102.320% |          |
| 62) 4-Bromofluorobenzene    | 11.079    | 95    | 340589   | 49.824   | ug/l       | 0.00     |
| Spiked Amount               | 50.000    | Range | 58 - 135 | Recovery | = 99.640%  |          |
| Target Compounds            |           |       |          |          |            |          |
|                             |           |       |          |          |            | Qvalue   |
| 16) Acetone                 | 2.373     | 43    | 26739    | 16.279   | ug/l       | 96       |
| 20) Methylene Chloride      | 2.788     | 84    | 200089   | 54.164   | ug/l       | 99       |
| 43) Isopropyl Acetate       | 6.342     | 43    | 28429    | 2.835    | ug/l       | 98       |
| -----                       |           |       |          |          |            |          |

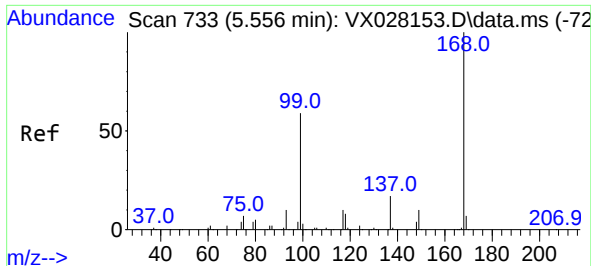
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X041922W.M  
Quant Title : SW846 8260  
QLast Update : Tue Apr 19 13:38:04 2022  
Response via : Initial Calibration

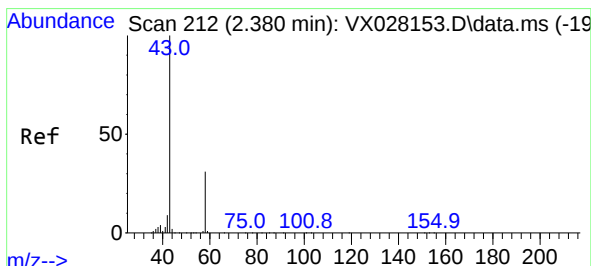
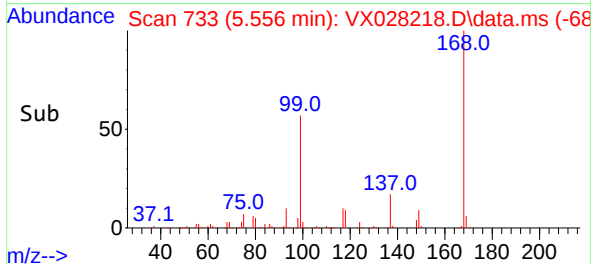
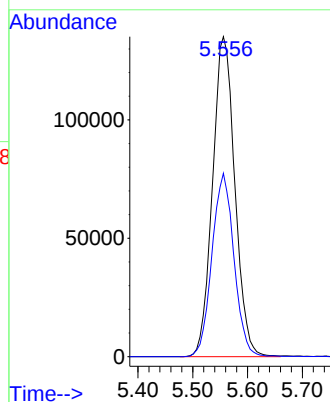
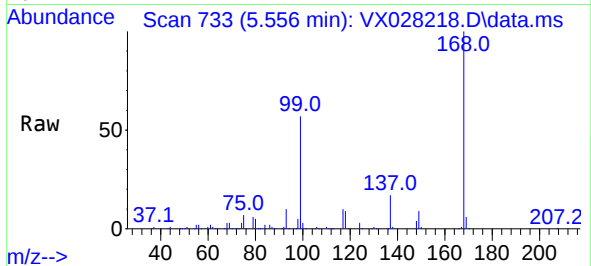




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.556 min Scan# 71  
Delta R.T. -0.000 min  
Lab File: VX028218.D  
Acq: 21 Apr 2022 00:19

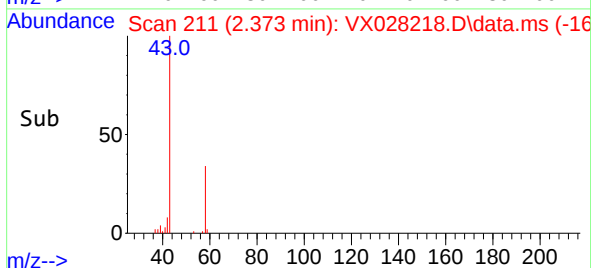
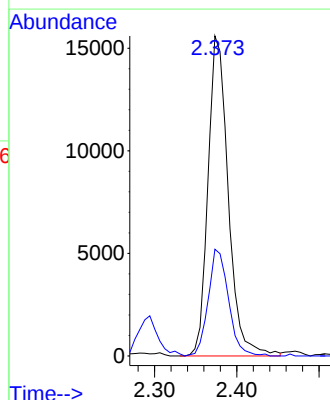
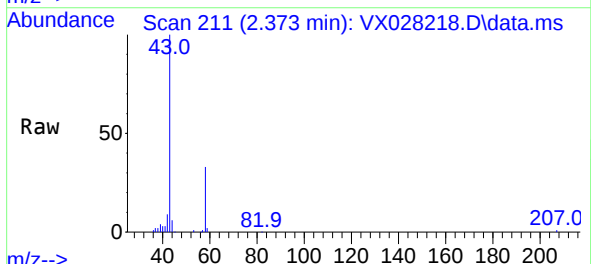
Instrument :  
MSVOA\_X  
ClientSampleId :  
PB144231TB

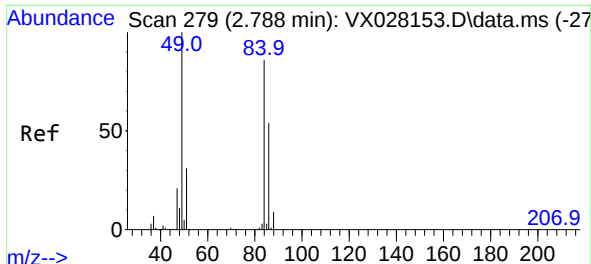
Tgt Ion:168 Resp: 381841  
Ion Ratio Lower Upper  
168 100  
99 57.3 41.7 62.5



#16  
Acetone  
Concen: 16.279 ug/l  
RT: 2.373 min Scan# 211  
Delta R.T. -0.007 min  
Lab File: VX028218.D  
Acq: 21 Apr 2022 00:19

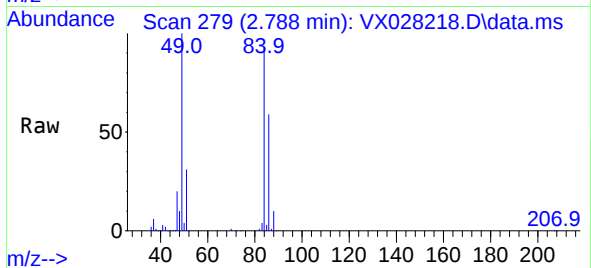
Tgt Ion: 43 Resp: 26739  
Ion Ratio Lower Upper  
43 100  
58 33.4 28.8 43.2





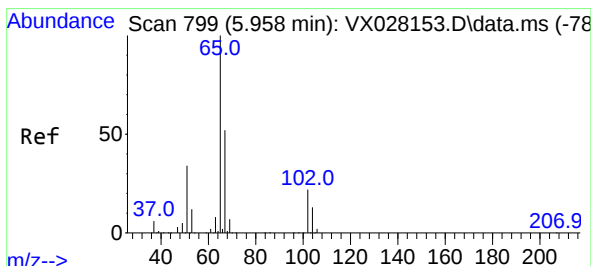
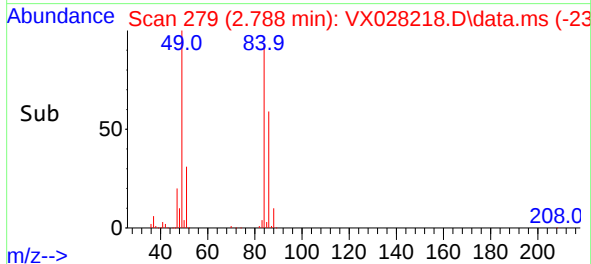
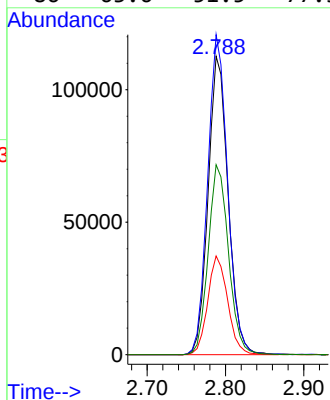
#20  
Methylene Chloride  
Concen: 54.164 ug/l  
RT: 2.788 min Scan# 21  
Delta R.T. 0.000 min  
Lab File: VX028218.D  
Acq: 21 Apr 2022 00:19

Instrument :  
MSVOA\_X  
ClientSampleId :  
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Tgt Ion: 84 Resp: 200089

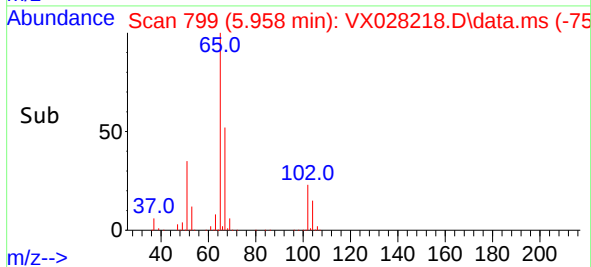
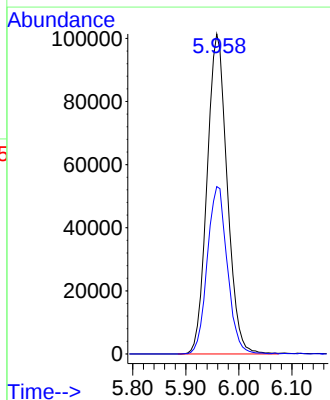
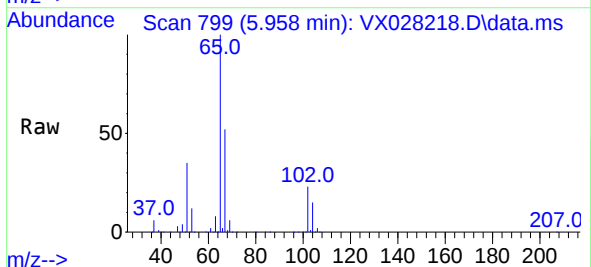
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 84  | 100   |       |       |
| 49  | 107.2 | 85.5  | 128.3 |
| 51  | 33.1  | 26.6  | 39.8  |
| 86  | 63.6  | 51.5  | 77.3  |

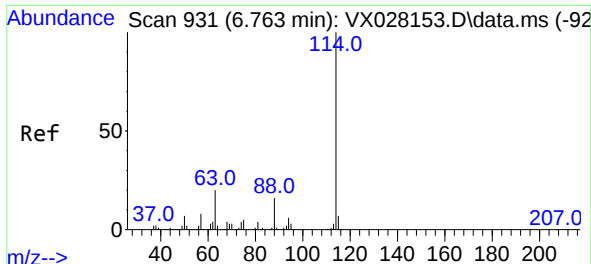


#33  
1,2-Dichloroethane-d4  
Concen: 53.591 ug/l  
RT: 5.958 min Scan# 799  
Delta R.T. 0.000 min  
Lab File: VX028218.D  
Acq: 21 Apr 2022 00:19

Tgt Ion: 65 Resp: 266818

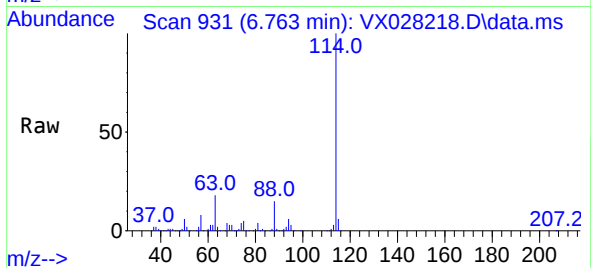
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 65  | 100   |       |       |
| 67  | 52.1  | 0.0   | 107.4 |



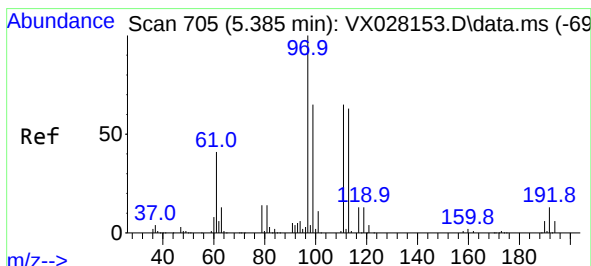
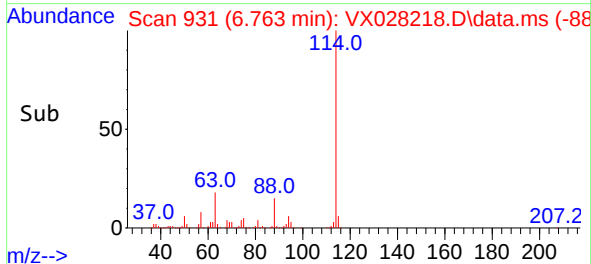
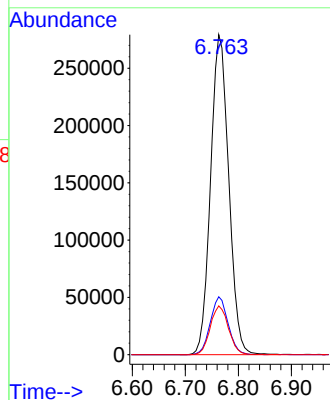


#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 6.763 min Scan# 91  
Delta R.T. -0.000 min  
Lab File: VX028218.D  
Acq: 21 Apr 2022 00:19

Instrument :  
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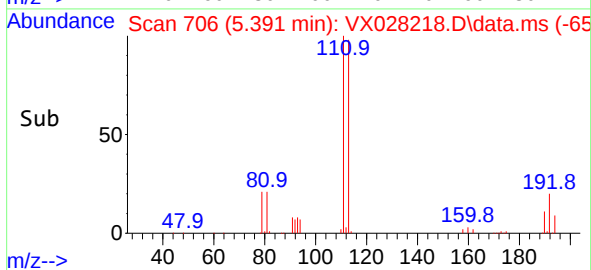
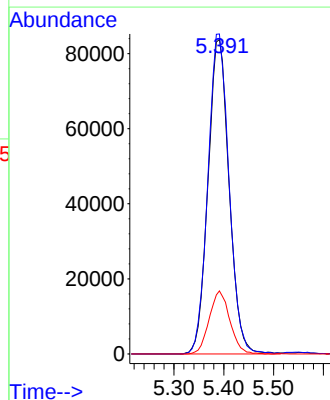
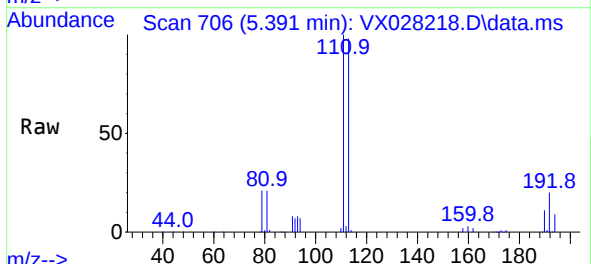


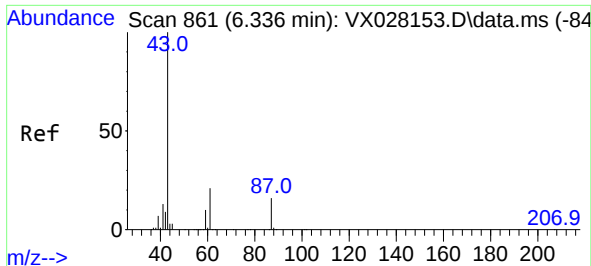
Tgt Ion:114 Resp: 663738  
Ion Ratio Lower Upper  
114 100  
63 18.1 0.0 36.8  
88 15.3 0.0 32.4



#35  
Dibromofluoromethane  
Concen: 52.875 ug/l  
RT: 5.391 min Scan# 706  
Delta R.T. 0.006 min  
Lab File: VX028218.D  
Acq: 21 Apr 2022 00:19

Tgt Ion:113 Resp: 246120  
Ion Ratio Lower Upper  
113 100  
111 101.8 82.8 124.2  
192 19.6 16.9 25.3

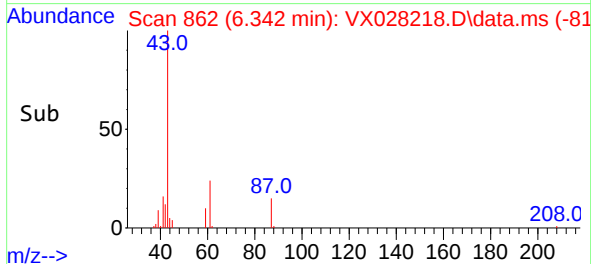
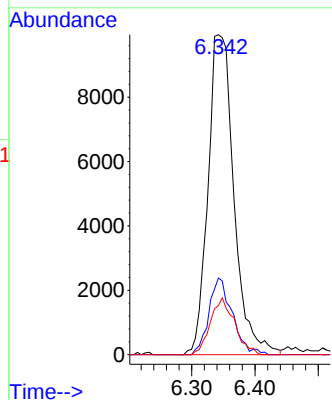
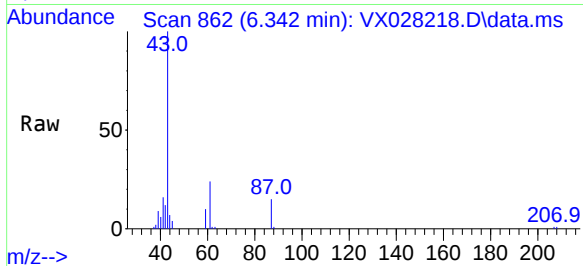




#43  
Isopropyl Acetate  
Concen: 2.835 ug/l  
RT: 6.342 min Scan# 861  
Delta R.T. 0.006 min  
Lab File: VX028218.D  
Acq: 21 Apr 2022 00:19

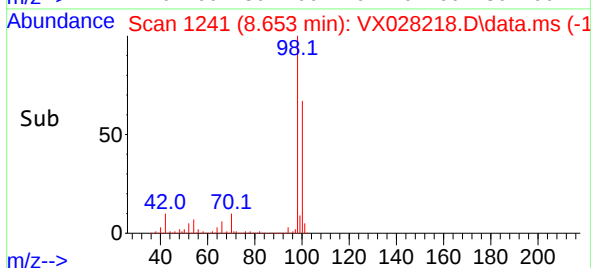
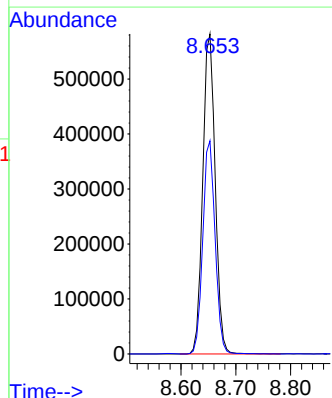
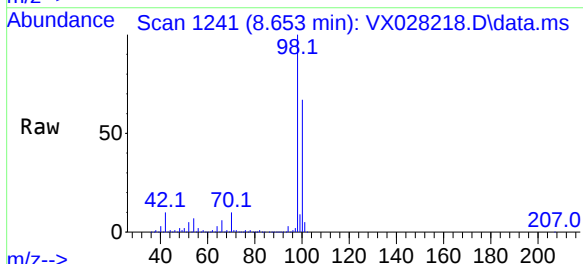
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ClientSampleId :  
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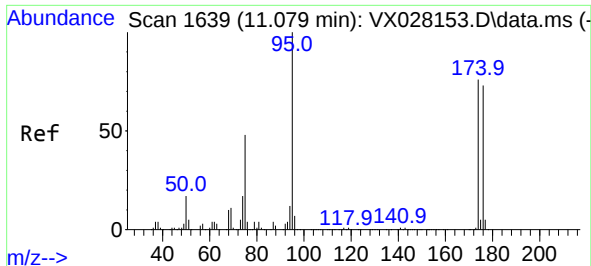
Tgt Ion: 43 Resp: 28429  
Ion Ratio Lower Upper  
43 100  
61 21.6 18.5 27.7  
87 16.5 13.0 19.6



#50  
Toluene-d8  
Concen: 51.162 ug/l  
RT: 8.653 min Scan# 1241  
Delta R.T. -0.000 min  
Lab File: VX028218.D  
Acq: 21 Apr 2022 00:19

Tgt Ion: 98 Resp: 914673  
Ion Ratio Lower Upper  
98 100  
100 66.0 52.6 78.8

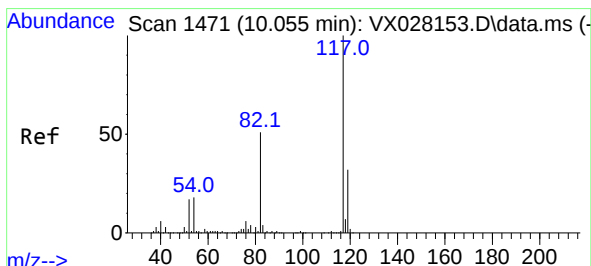
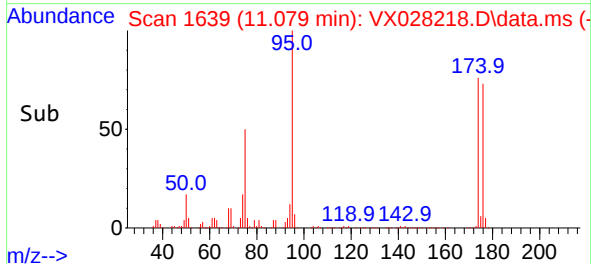
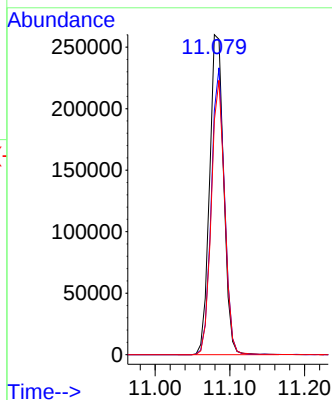
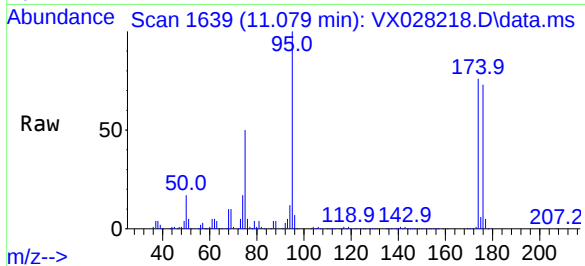




#62  
4-Bromofluorobenzene  
Concen: 49.824 ug/l  
RT: 11.079 min Scan# 1639  
Delta R.T. 0.000 min  
Lab File: VX028218.D  
Acq: 21 Apr 2022 00:19

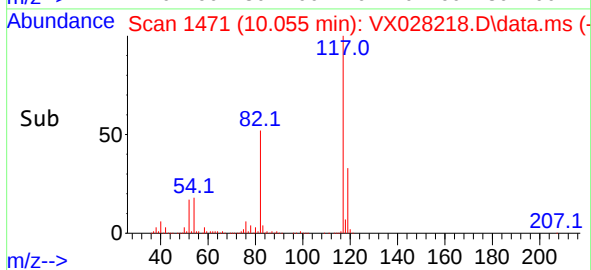
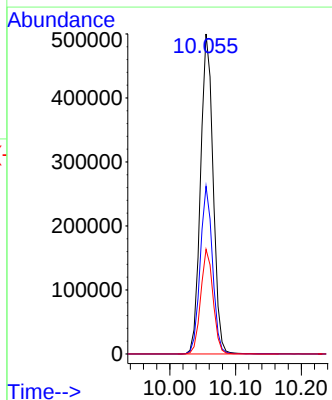
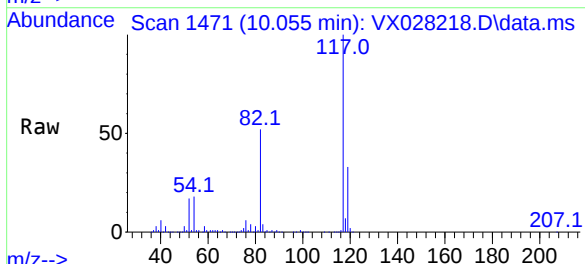
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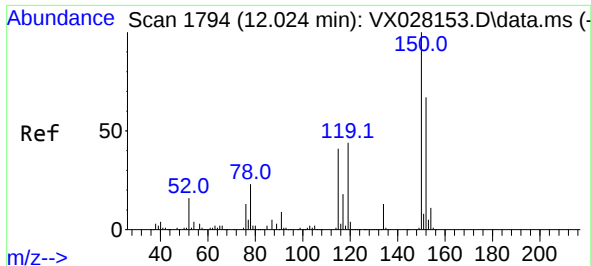
Tgt Ion: 95 Resp: 340589  
Ion Ratio Lower Upper  
95 100  
174 84.2 0.0 163.0  
176 81.3 0.0 155.0



#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.055 min Scan# 1471  
Delta R.T. -0.000 min  
Lab File: VX028218.D  
Acq: 21 Apr 2022 00:19

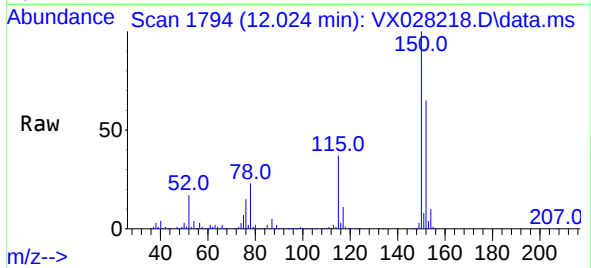
Tgt Ion: 117 Resp: 665620  
Ion Ratio Lower Upper  
117 100  
82 52.4 41.8 62.8  
119 32.7 24.8 37.2





#72  
 1,4-Dichlorobenzene-d4  
 Concen: 50.000 ug/l  
 RT: 12.024 min Scan# 11  
 Delta R.T. 0.000 min  
 Lab File: VX028218.D  
 Acq: 21 Apr 2022 00:19

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 PB144231TB



Tgt Ion:152 Resp: 307201  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 152 | 100   |       |       |
| 115 | 58.5  | 37.5  | 112.7 |
| 150 | 155.9 | 0.0   | 338.2 |

