

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX042922\  
 Data File : VX028449.D  
 Acq On : 30 Apr 2022 01:54  
 Operator : JC/MD  
 Sample : PB144452ZHE#04  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 41 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 PB144452ZHE#04

Quant Time: Apr 30 09:22:06 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

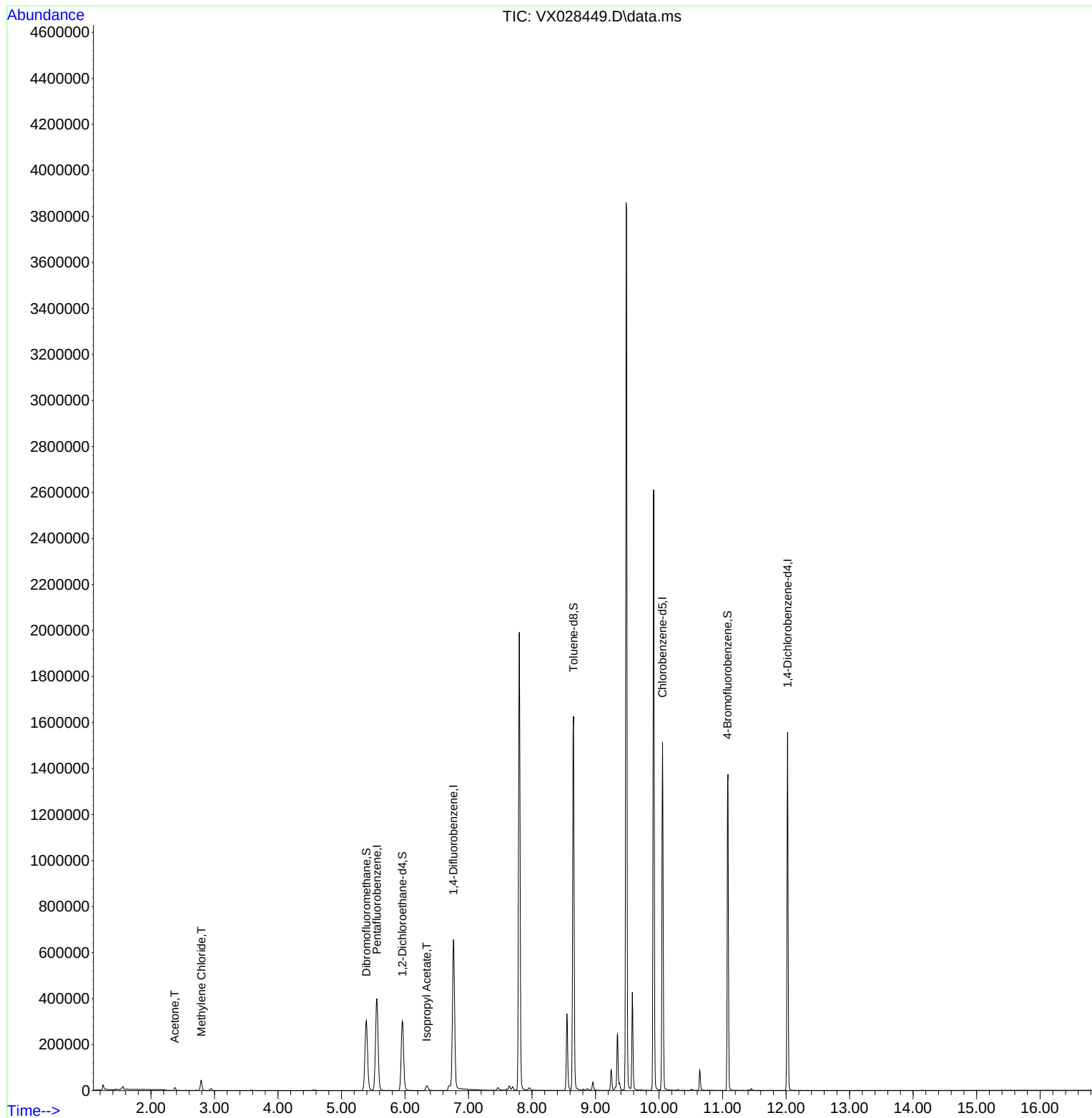
| Compound                    | R.T. QIon |       | Response | Conc     | Units | Dev(Min) |
|-----------------------------|-----------|-------|----------|----------|-------|----------|
| -----                       |           |       |          |          |       |          |
| Internal Standards          |           |       |          |          |       |          |
| 1) Pentafluorobenzene       | 5.556     | 168   | 387196   | 50.000   | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene     | 6.763     | 114   | 682141   | 50.000   | ug/l  | 0.00     |
| 63) Chlorobenzene-d5        | 10.055    | 117   | 699588   | 50.000   | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 12.024    | 152   | 318996   | 50.000   | ug/l  | 0.00     |
| System Monitoring Compounds |           |       |          |          |       |          |
| 33) 1,2-Dichloroethane-d4   | 5.958     | 65    | 291048   | 57.649   | ug/l  | 0.00     |
| Spiked Amount               | 50.000    | Range | 61 - 141 | Recovery | =     | 115.300% |
| 35) Dibromofluoromethane    | 5.391     | 113   | 262642   | 54.902   | ug/l  | 0.00     |
| Spiked Amount               | 50.000    | Range | 69 - 133 | Recovery | =     | 109.800% |
| 50) Toluene-d8              | 8.653     | 98    | 992107   | 53.996   | ug/l  | 0.00     |
| Spiked Amount               | 50.000    | Range | 65 - 126 | Recovery | =     | 108.000% |
| 62) 4-Bromofluorobenzene    | 11.079    | 95    | 363652   | 51.763   | ug/l  | 0.00     |
| Spiked Amount               | 50.000    | Range | 58 - 135 | Recovery | =     | 103.520% |
| Target Compounds            |           |       |          |          |       |          |
|                             |           |       |          |          |       | Qvalue   |
| 16) Acetone                 | 2.373     | 43    | 12939    | 7.034    | ug/l  | 98       |
| 20) Methylene Chloride      | 2.794     | 84    | 19984    | 5.335    | ug/l  | 95       |
| 43) Isopropyl Acetate       | 6.342     | 43    | 27152    | 2.635    | ug/l  | 98       |
| -----                       |           |       |          |          |       |          |

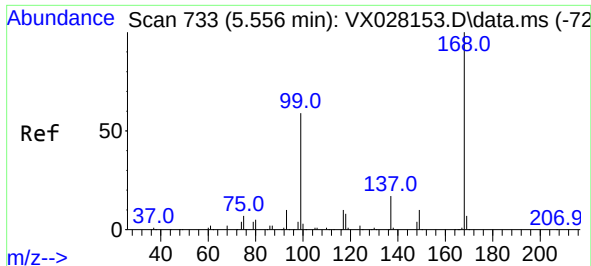
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Apr 19 13:38:04 2022  
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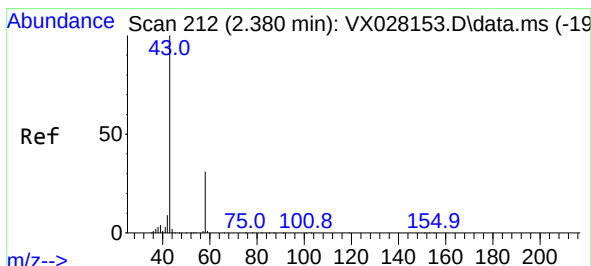
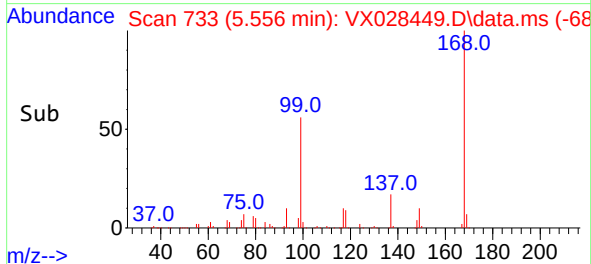
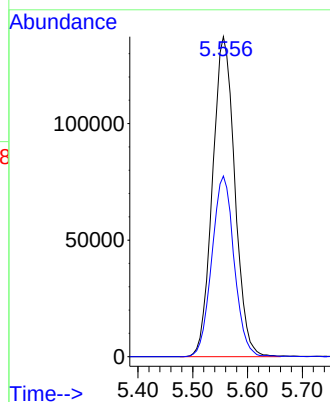
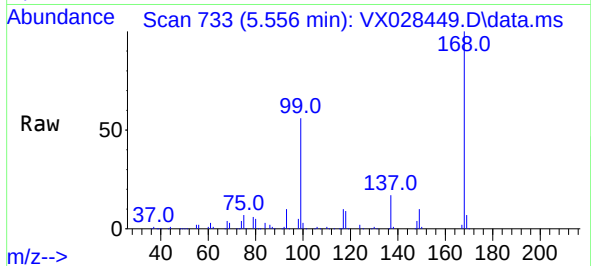




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.556 min Scan# 71  
Delta R.T. -0.000 min  
Lab File: VX028449.D  
Acq: 30 Apr 2022 01:54

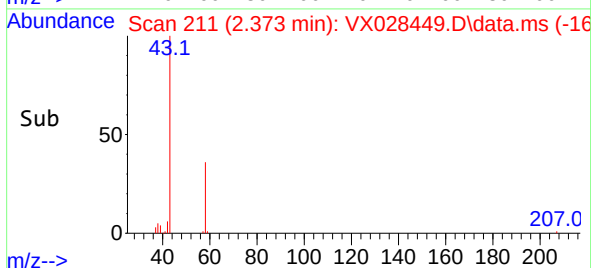
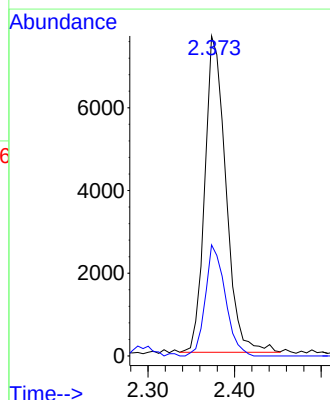
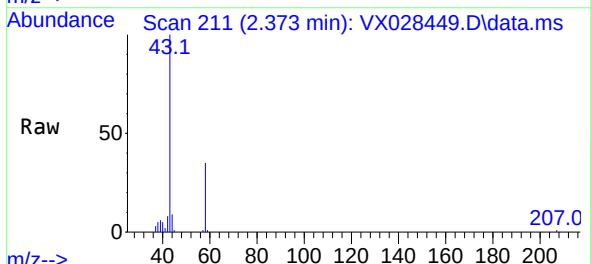
Instrument :  
MSVOA\_X  
ClientSampleId :  
PB144452ZHE#04

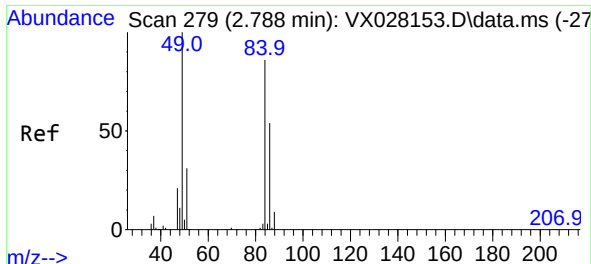
Tgt Ion:168 Resp: 387196  
Ion Ratio Lower Upper  
168 100  
99 56.4 41.7 62.5



#16  
Acetone  
Concen: 7.034 ug/l  
RT: 2.373 min Scan# 211  
Delta R.T. -0.007 min  
Lab File: VX028449.D  
Acq: 30 Apr 2022 01:54

Tgt Ion: 43 Resp: 12939  
Ion Ratio Lower Upper  
43 100  
58 35.1 28.8 43.2



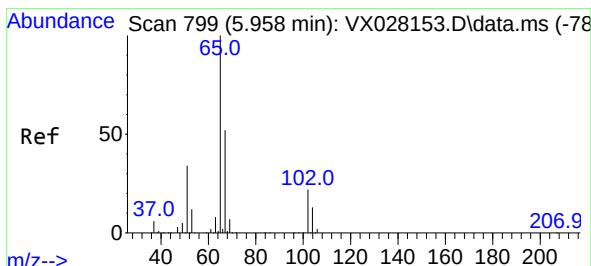
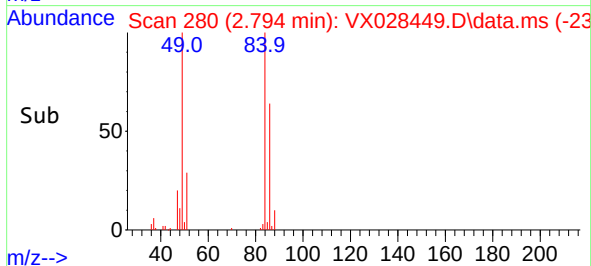
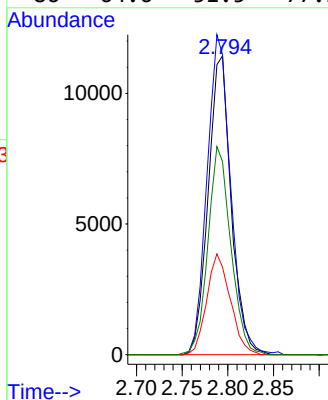
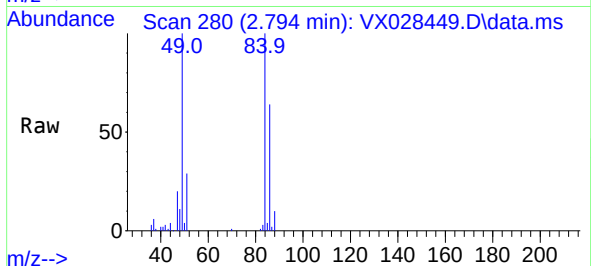


#20  
Methylene Chloride  
Concen: 5.335 ug/l  
RT: 2.794 min Scan# 21  
Delta R.T. 0.006 min  
Lab File: VX028449.D  
Acq: 30 Apr 2022 01:54

Instrument :  
MSVOA\_X  
ClientSampleId :  
PB144452ZHE#04

Tgt Ion: 84 Resp: 19984

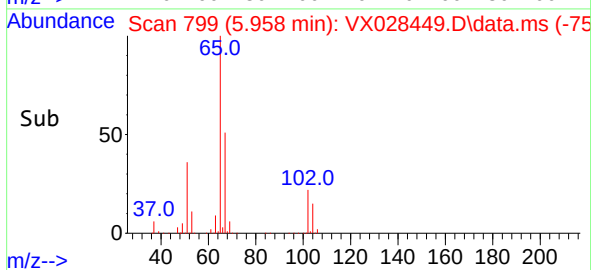
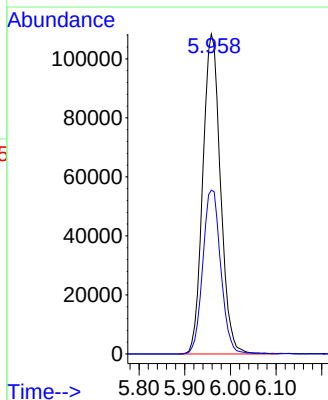
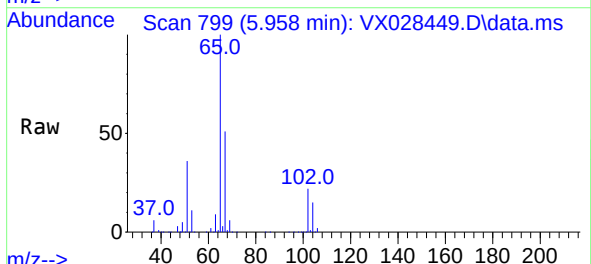
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 84  | 100   |       |       |
| 49  | 100.2 | 85.5  | 128.3 |
| 51  | 29.3  | 26.6  | 39.8  |
| 86  | 64.6  | 51.5  | 77.3  |

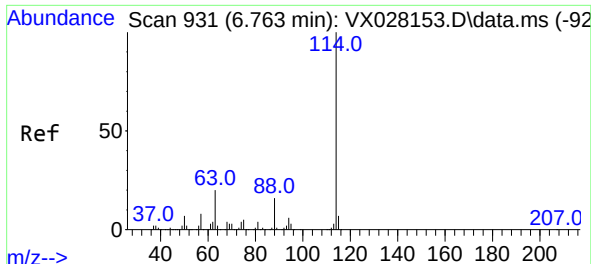


#33  
1,2-Dichloroethane-d4  
Concen: 57.649 ug/l  
RT: 5.958 min Scan# 799  
Delta R.T. 0.000 min  
Lab File: VX028449.D  
Acq: 30 Apr 2022 01:54

Tgt Ion: 65 Resp: 291048

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

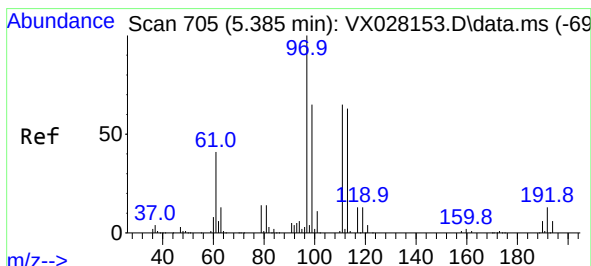
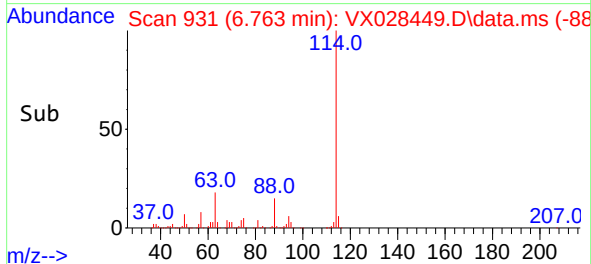
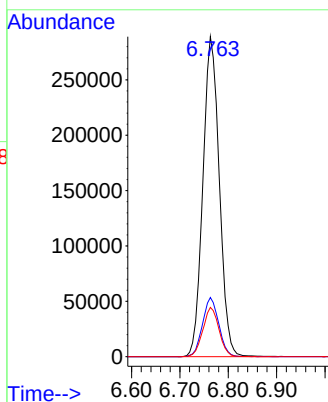
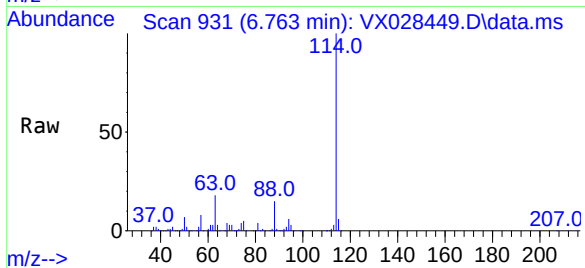




#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 6.763 min Scan# 91  
Delta R.T. -0.000 min  
Lab File: VX028449.D  
Acq: 30 Apr 2022 01:54

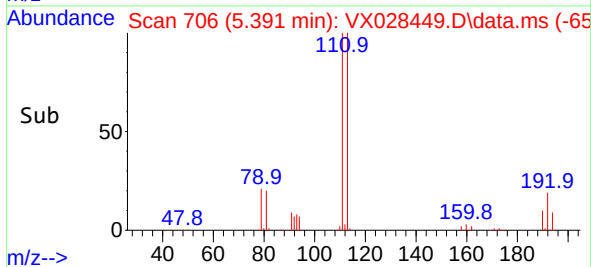
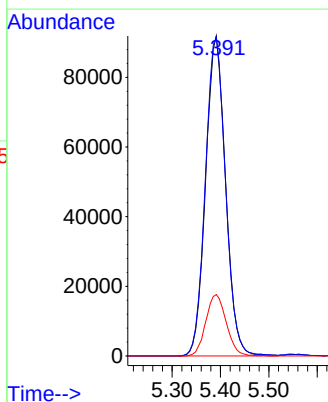
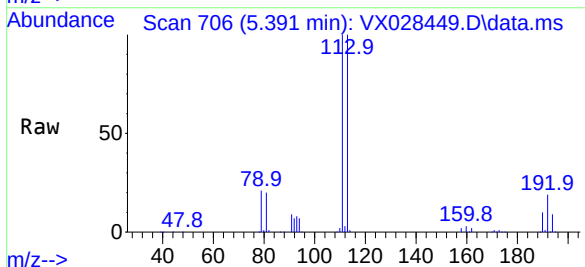
Instrument :  
MSVOA\_X  
ClientSampleId :  
PB144452ZHE#04

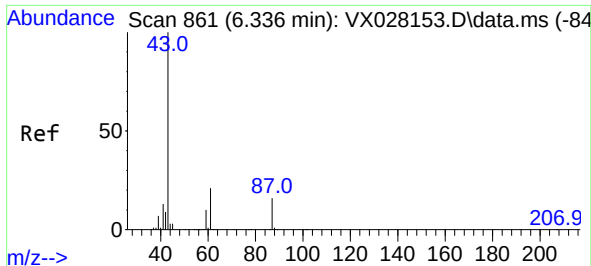
Tgt Ion:114 Resp: 682141  
Ion Ratio Lower Upper  
114 100  
63 18.5 0.0 36.8  
88 15.4 0.0 32.4



#35  
Dibromofluoromethane  
Concen: 54.902 ug/l  
RT: 5.391 min Scan# 706  
Delta R.T. 0.006 min  
Lab File: VX028449.D  
Acq: 30 Apr 2022 01:54

Tgt Ion:113 Resp: 262642  
Ion Ratio Lower Upper  
113 100  
111 101.2 82.8 124.2  
192 19.7 16.9 25.3

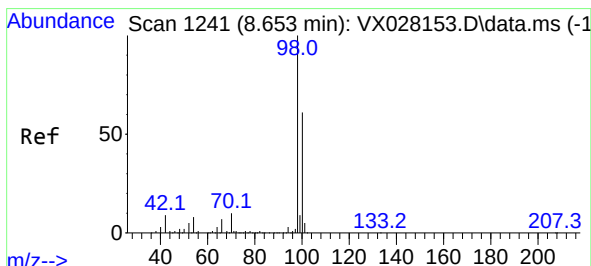
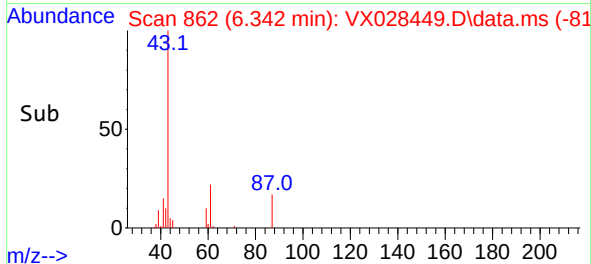
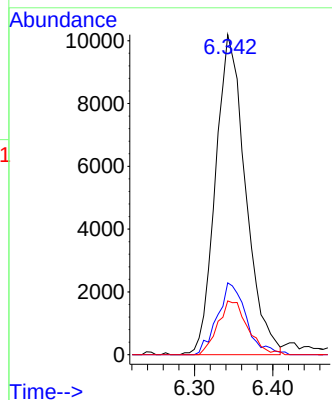
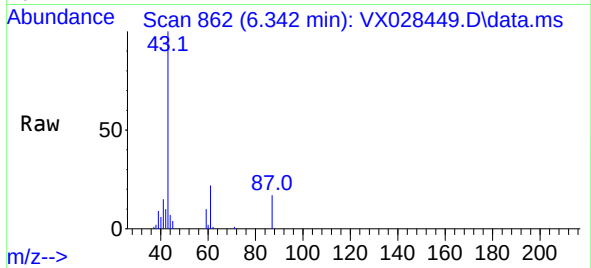




#43  
Isopropyl Acetate  
Concen: 2.635 ug/l  
RT: 6.342 min Scan# 861  
Delta R.T. 0.006 min  
Lab File: VX028449.D  
Acq: 30 Apr 2022 01:54

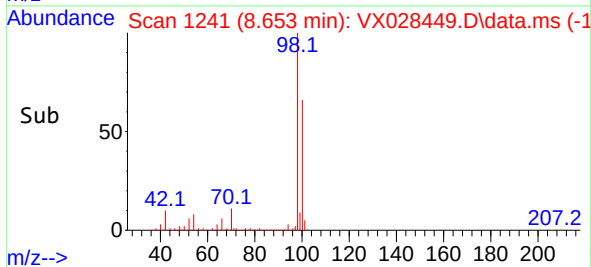
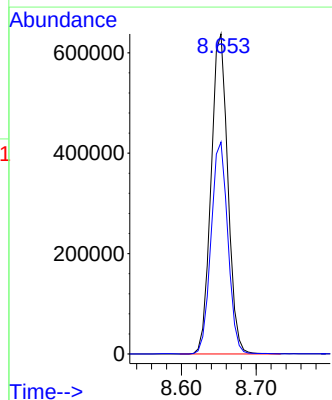
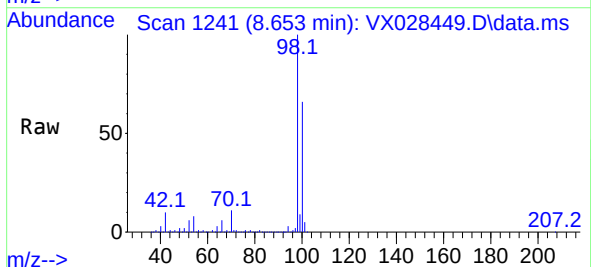
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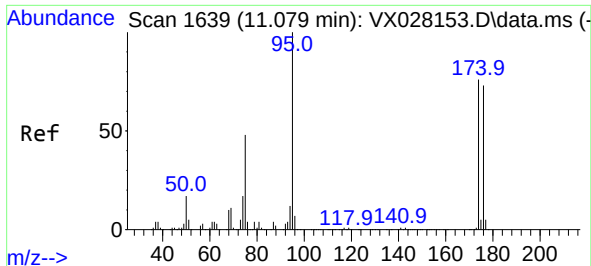
Tgt Ion: 43 Resp: 27152  
Ion Ratio Lower Upper  
43 100  
61 21.6 18.5 27.7  
87 16.7 13.0 19.6



#50  
Toluene-d8  
Concen: 53.996 ug/l  
RT: 8.653 min Scan# 1241  
Delta R.T. -0.000 min  
Lab File: VX028449.D  
Acq: 30 Apr 2022 01:54

Tgt Ion: 98 Resp: 992107  
Ion Ratio Lower Upper  
98 100  
100 66.3 52.6 78.8

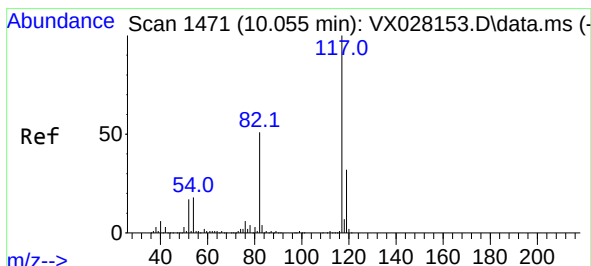
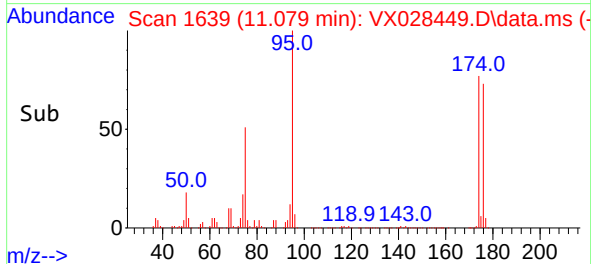
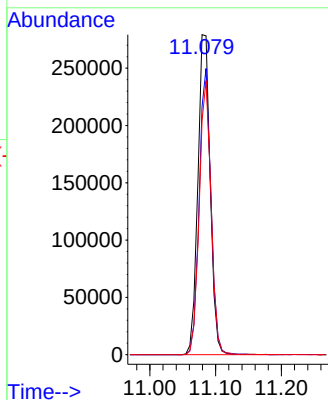
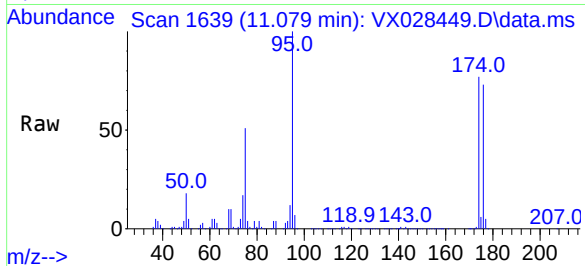




#62  
4-Bromofluorobenzene  
Concen: 51.763 ug/l  
RT: 11.079 min Scan# 1639  
Delta R.T. 0.000 min  
Lab File: VX028449.D  
Acq: 30 Apr 2022 01:54

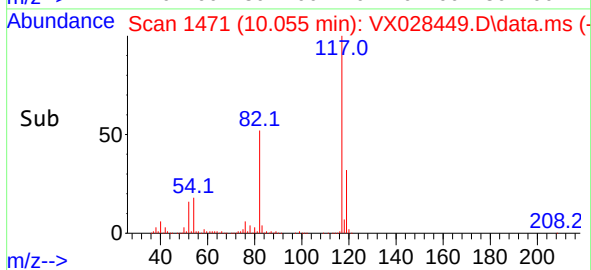
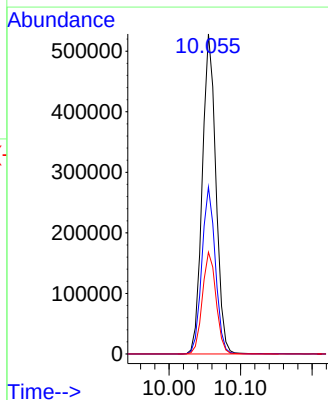
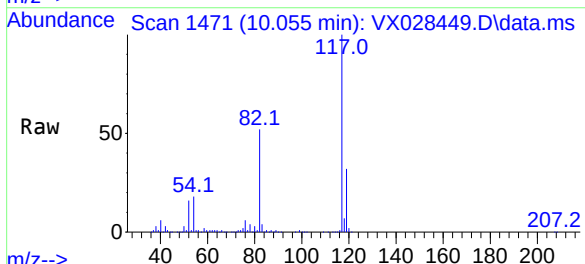
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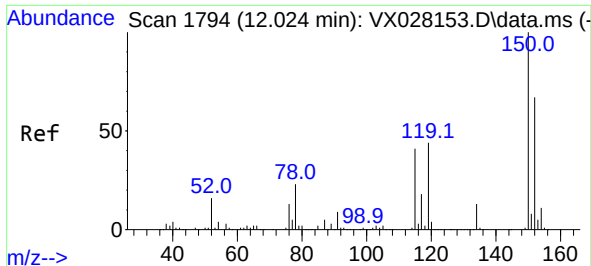
Tgt Ion: 95 Resp: 363652  
Ion Ratio Lower Upper  
95 100  
174 85.0 0.0 163.0  
176 82.0 0.0 155.0



#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.055 min Scan# 1471  
Delta R.T. -0.000 min  
Lab File: VX028449.D  
Acq: 30 Apr 2022 01:54

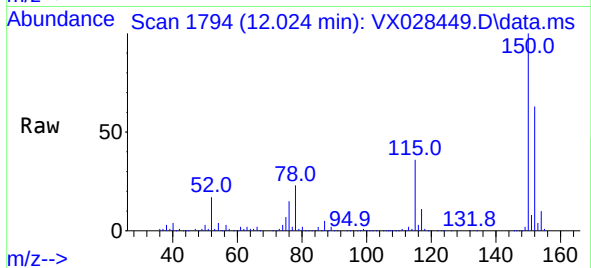
Tgt Ion: 117 Resp: 699588  
Ion Ratio Lower Upper  
117 100  
82 52.1 41.8 62.8  
119 31.8 24.8 37.2





#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 12.024 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VX028449.D  
Acq: 30 Apr 2022 01:54

Instrument :  
MSVOA\_X  
ClientSampleId :  
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Tgt Ion:152 Resp: 318996  
Ion Ratio Lower Upper  
152 100  
115 57.2 37.5 112.7  
150 158.1 0.0 338.2

