

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX042622\  
 Data File : VX028357.D  
 Acq On : 26 Apr 2022 18:09  
 Operator : JC/MD  
 Sample : PB144365ZHE#02  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 19 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 PB144365ZHE#02

Quant Time: Apr 27 02:07:09 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

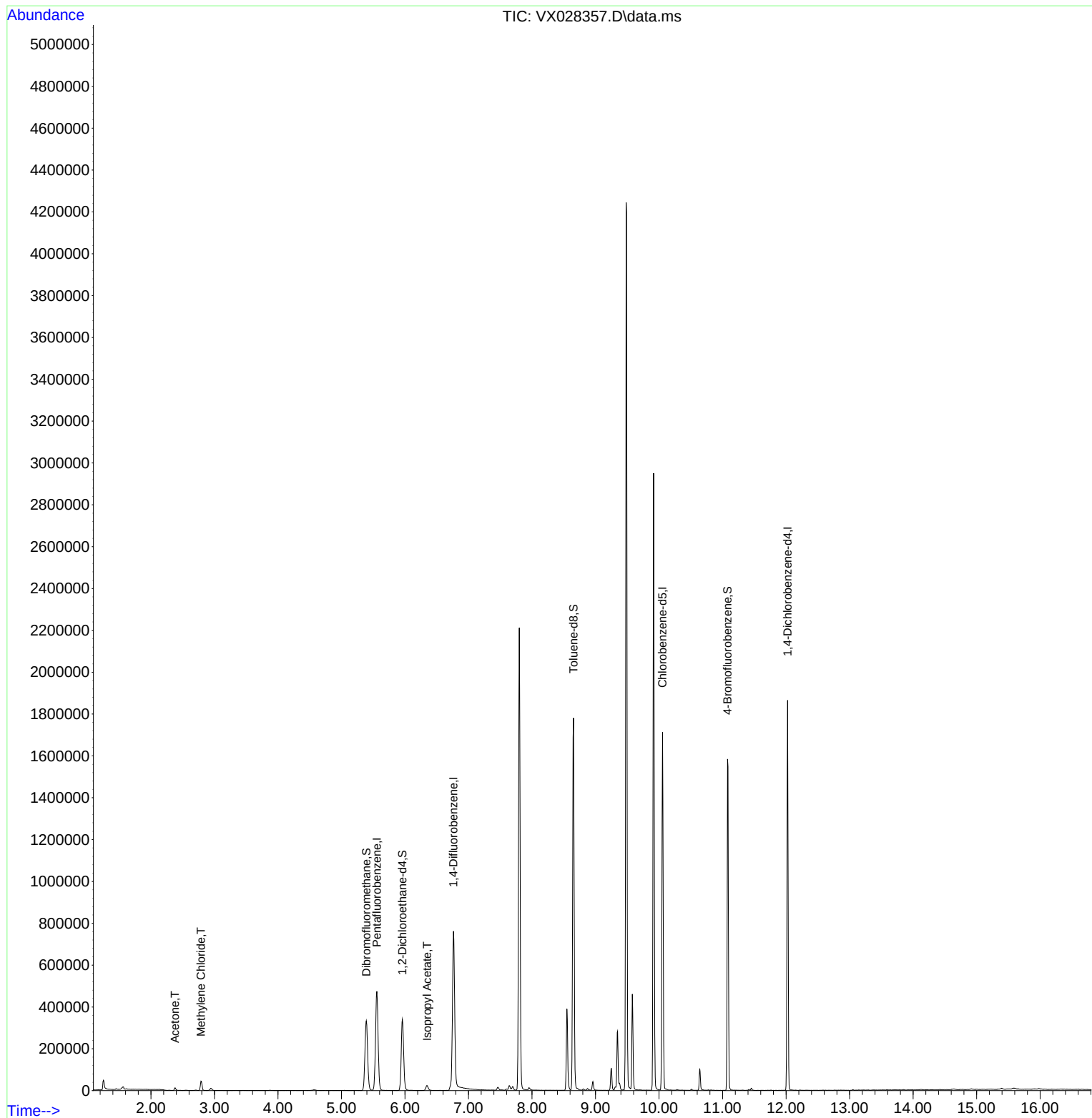
| Compound                    | R.T.           | QIon | Response            | Conc   | Units | Dev(Min) |
|-----------------------------|----------------|------|---------------------|--------|-------|----------|
| -----                       |                |      |                     |        |       |          |
| Internal Standards          |                |      |                     |        |       |          |
| 1) Pentafluorobenzene       | 5.556          | 168  | 465619              | 50.000 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene     | 6.763          | 114  | 796469              | 50.000 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5        | 10.055         | 117  | 794069              | 50.000 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 12.024         | 152  | 390607              | 50.000 | ug/l  | 0.00     |
|                             |                |      |                     |        |       |          |
| System Monitoring Compounds |                |      |                     |        |       |          |
| 33) 1,2-Dichloroethane-d4   | 5.958          | 65   | 318595              | 52.477 | ug/l  | 0.00     |
| Spiked Amount 50.000        | Range 61 - 141 |      | Recovery = 104.960% |        |       |          |
| 35) Dibromofluoromethane    | 5.391          | 113  | 294556              | 52.735 | ug/l  | 0.00     |
| Spiked Amount 50.000        | Range 69 - 133 |      | Recovery = 105.480% |        |       |          |
| 50) Toluene-d8              | 8.653          | 98   | 1106752             | 51.589 | ug/l  | 0.00     |
| Spiked Amount 50.000        | Range 65 - 126 |      | Recovery = 103.180% |        |       |          |
| 62) 4-Bromofluorobenzene    | 11.079         | 95   | 417345              | 50.879 | ug/l  | 0.00     |
| Spiked Amount 50.000        | Range 58 - 135 |      | Recovery = 101.760% |        |       |          |
|                             |                |      |                     |        |       |          |
| Target Compounds            |                |      |                     |        |       |          |
| 16) Acetone                 | 2.380          | 43   | 13057               | 5.677  | ug/l  | 99       |
| 20) Methylene Chloride      | 2.788          | 84   | 21711               | 4.820  | ug/l  | 95       |
| 43) Isopropyl Acetate       | 6.348          | 43   | 33019               | 2.744  | ug/l  | 96       |
| -----                       |                |      |                     |        |       |          |

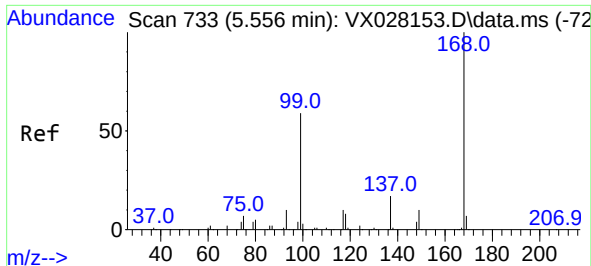
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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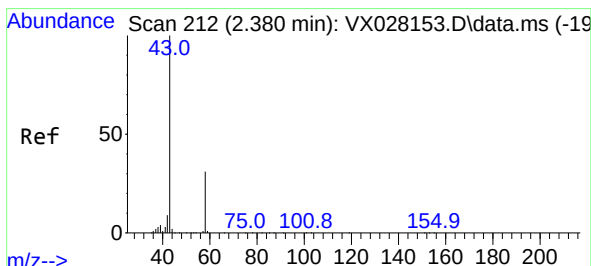
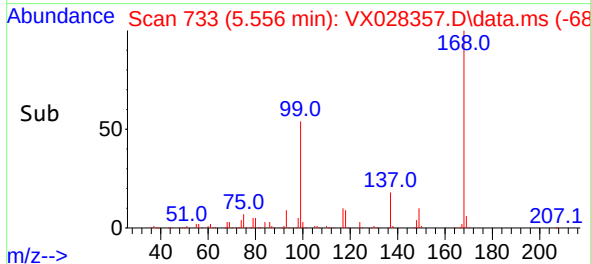
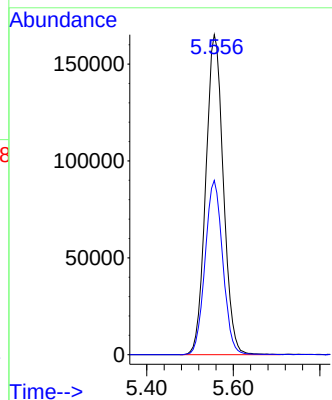
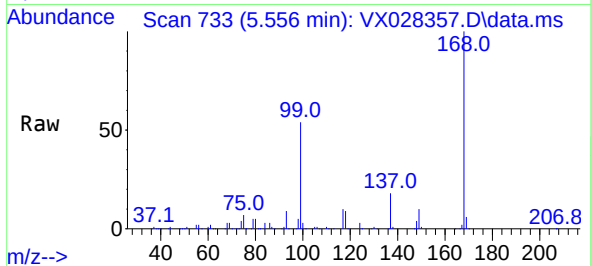




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.556 min Scan# 71  
Delta R.T. -0.000 min  
Lab File: VX028357.D  
Acq: 26 Apr 2022 18:09

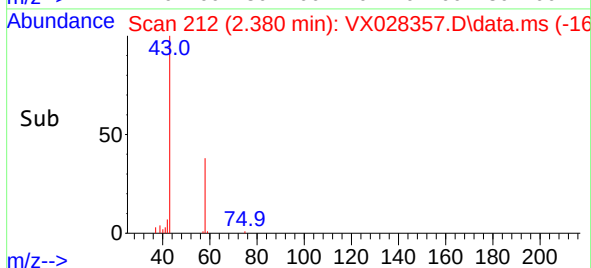
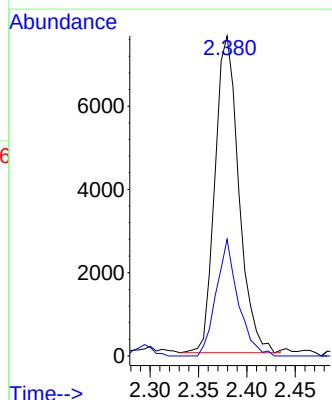
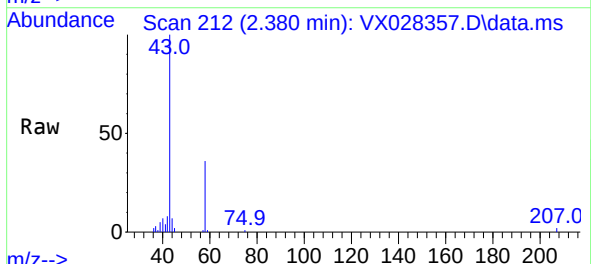
Instrument :  
MSVOA\_X  
ClientSampleId :  
PB144365ZHE#02

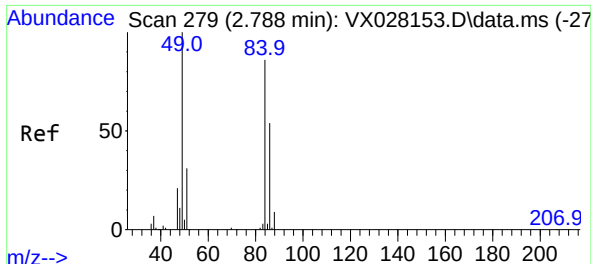
Tgt Ion:168 Resp: 465619  
Ion Ratio Lower Upper  
168 100  
99 54.4 41.7 62.5



#16  
Acetone  
Concen: 5.677 ug/l  
RT: 2.380 min Scan# 212  
Delta R.T. -0.000 min  
Lab File: VX028357.D  
Acq: 26 Apr 2022 18:09

Tgt Ion: 43 Resp: 13057  
Ion Ratio Lower Upper  
43 100  
58 36.8 28.8 43.2



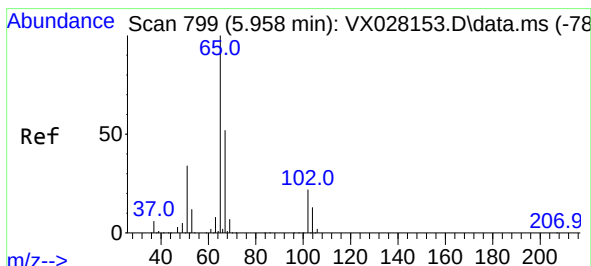
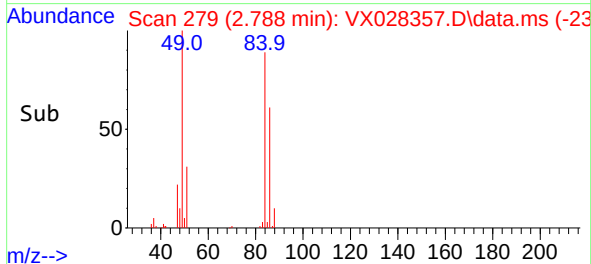
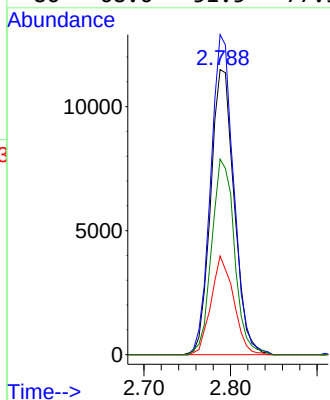
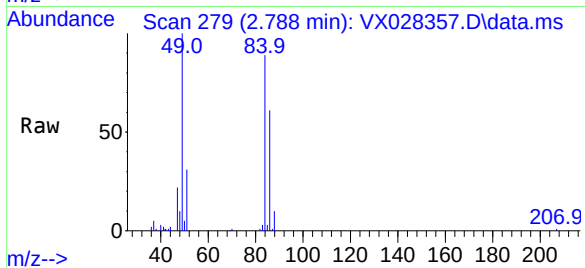


#20  
Methylene Chloride  
Concen: 4.820 ug/l  
RT: 2.788 min Scan# 21  
Delta R.T. -0.000 min  
Lab File: VX028357.D  
Acq: 26 Apr 2022 18:09

Instrument :  
MSVOA\_X  
ClientSampleId :  
PB144365ZHE#02

Tgt Ion: 84 Resp: 21711

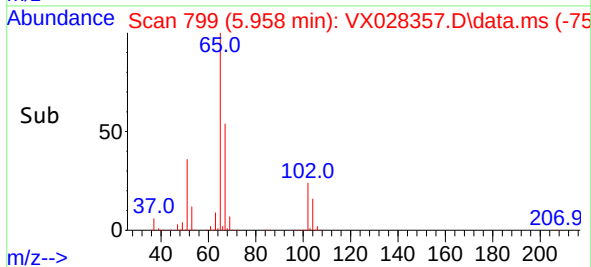
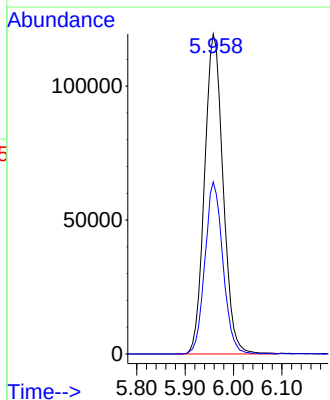
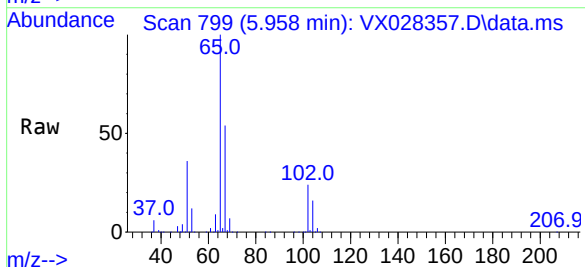
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 84  | 100   |       |       |
| 49  | 112.2 | 85.5  | 128.3 |
| 51  | 34.6  | 26.6  | 39.8  |
| 86  | 68.6  | 51.5  | 77.3  |

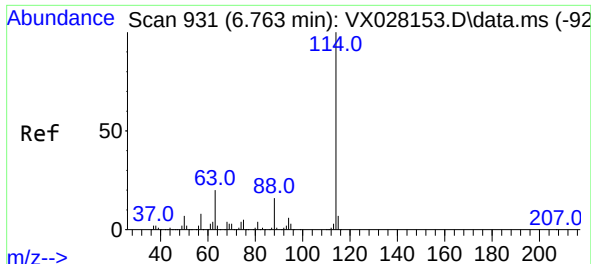


#33  
1,2-Dichloroethane-d4  
Concen: 52.477 ug/l  
RT: 5.958 min Scan# 799  
Delta R.T. 0.000 min  
Lab File: VX028357.D  
Acq: 26 Apr 2022 18:09

Tgt Ion: 65 Resp: 318595

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 65  | 100   |       |       |
| 67  | 52.2  | 0.0   | 107.4 |

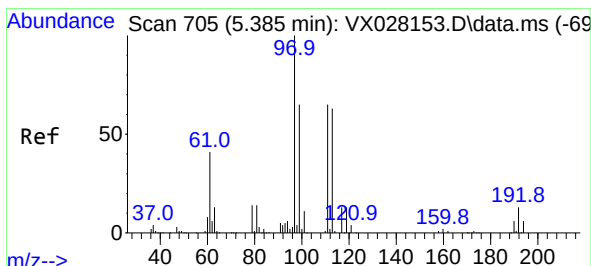
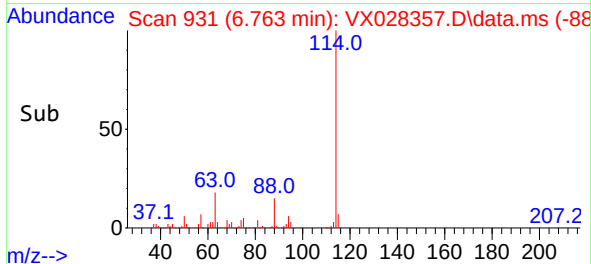
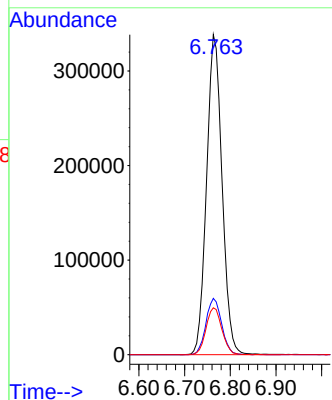
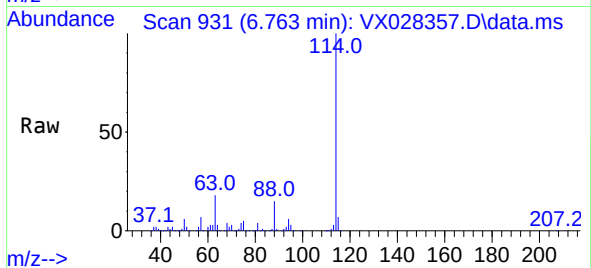




#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 6.763 min Scan# 91  
Delta R.T. -0.000 min  
Lab File: VX028357.D  
Acq: 26 Apr 2022 18:09

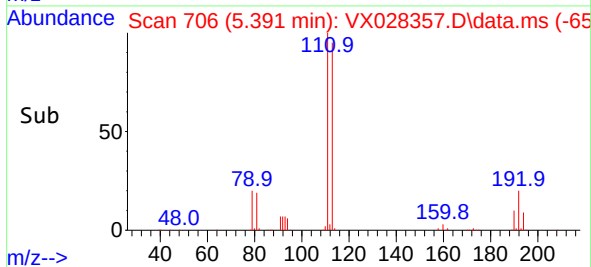
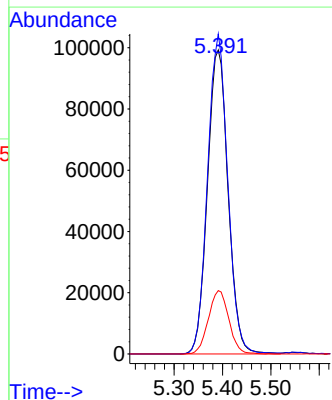
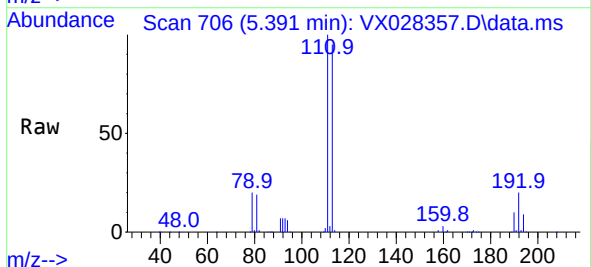
Instrument :  
MSVOA\_X  
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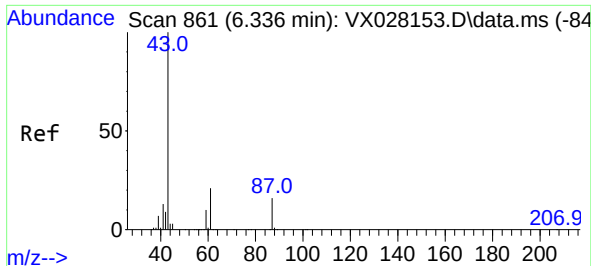
Tgt Ion:114 Resp: 796469  
Ion Ratio Lower Upper  
114 100  
63 17.6 0.0 36.8  
88 14.7 0.0 32.4



#35  
Dibromofluoromethane  
Concen: 52.735 ug/l  
RT: 5.391 min Scan# 706  
Delta R.T. 0.006 min  
Lab File: VX028357.D  
Acq: 26 Apr 2022 18:09

Tgt Ion:113 Resp: 294556  
Ion Ratio Lower Upper  
113 100  
111 102.9 82.8 124.2  
192 20.6 16.9 25.3

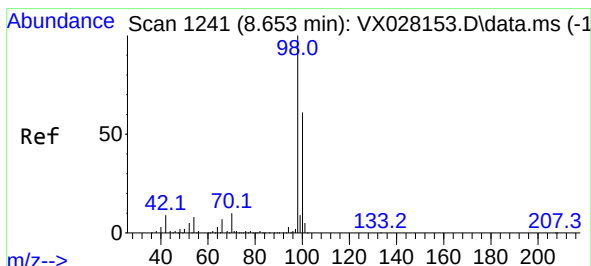
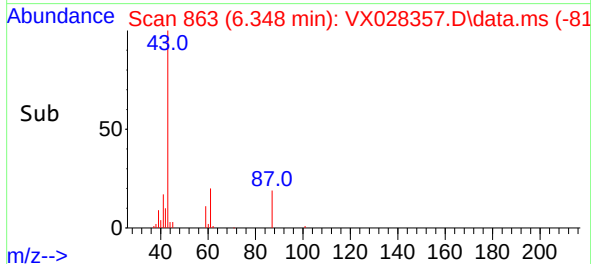
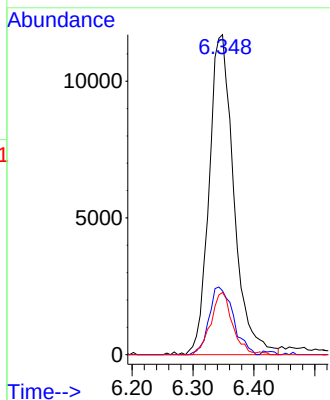
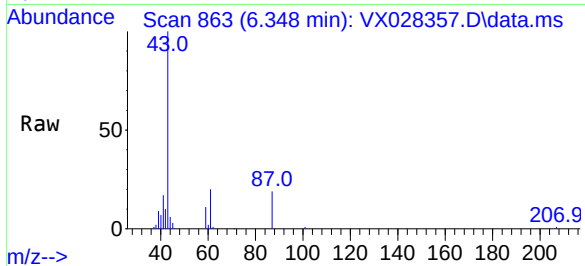




#43  
Isopropyl Acetate  
Concen: 2.744 ug/l  
RT: 6.348 min Scan# 863  
Delta R.T. 0.012 min  
Lab File: VX028357.D  
Acq: 26 Apr 2022 18:09

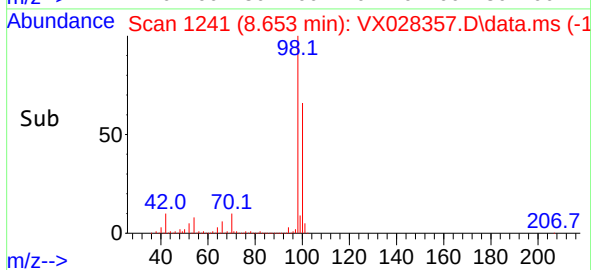
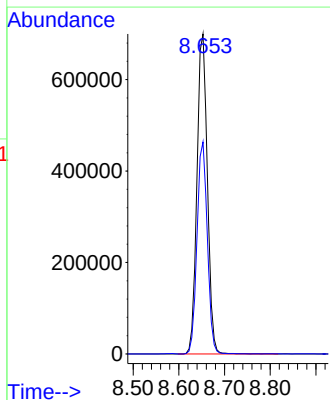
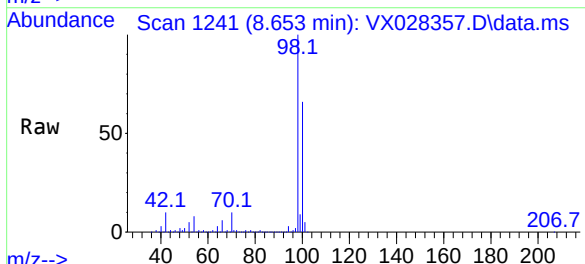
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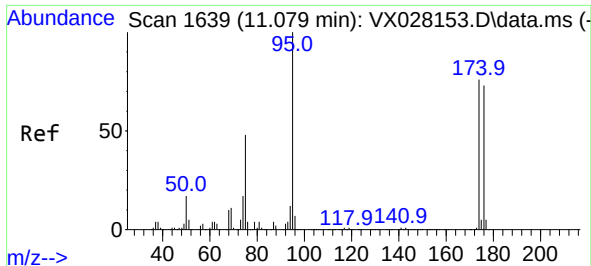
Tgt Ion: 43 Resp: 33019  
Ion Ratio Lower Upper  
43 100  
61 20.7 18.5 27.7  
87 17.0 13.0 19.6



#50  
Toluene-d8  
Concen: 51.589 ug/l  
RT: 8.653 min Scan# 1241  
Delta R.T. -0.000 min  
Lab File: VX028357.D  
Acq: 26 Apr 2022 18:09

Tgt Ion: 98 Resp: 1106752  
Ion Ratio Lower Upper  
98 100  
100 65.6 52.6 78.8

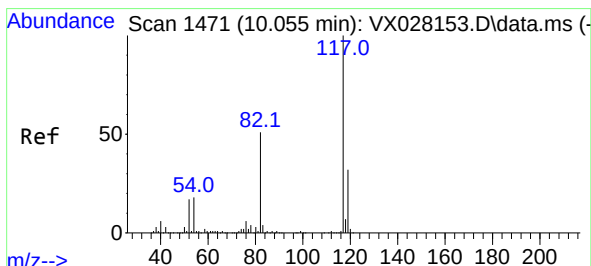
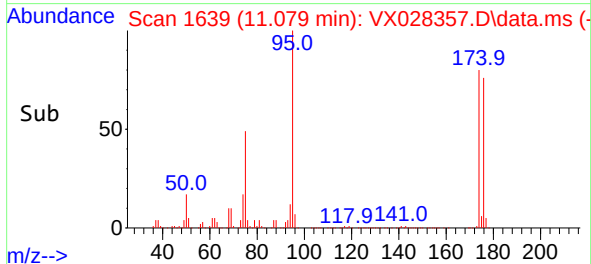
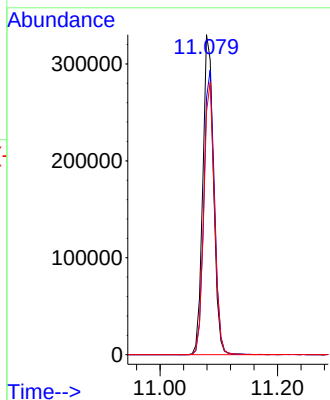
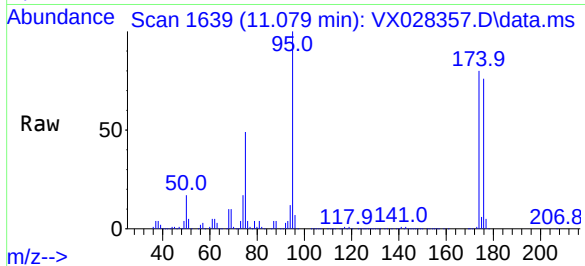




#62  
4-Bromofluorobenzene  
Concen: 50.879 ug/l  
RT: 11.079 min Scan# 1639  
Delta R.T. 0.000 min  
Lab File: VX028357.D  
Acq: 26 Apr 2022 18:09

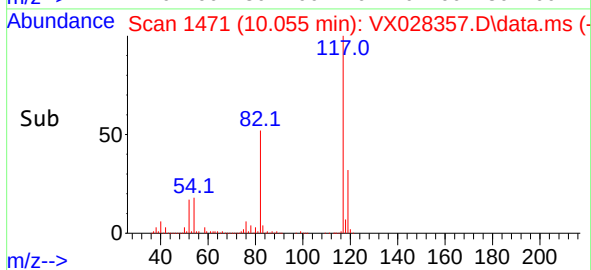
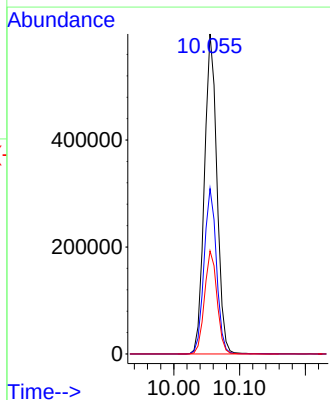
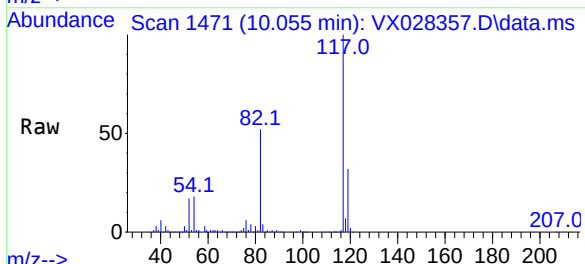
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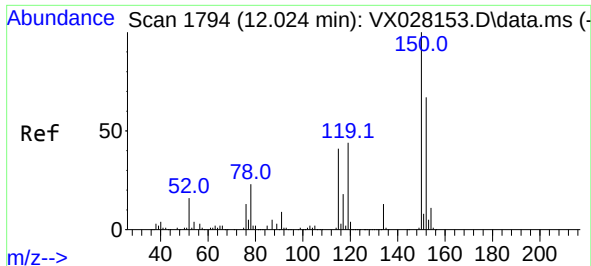
Tgt Ion: 95 Resp: 417345  
Ion Ratio Lower Upper  
95 100  
174 88.7 0.0 163.0  
176 84.8 0.0 155.0



#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.055 min Scan# 1471  
Delta R.T. -0.000 min  
Lab File: VX028357.D  
Acq: 26 Apr 2022 18:09

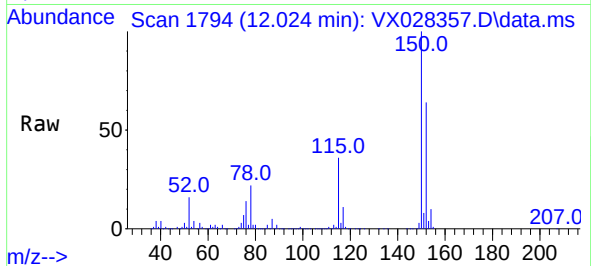
Tgt Ion: 117 Resp: 794069  
Ion Ratio Lower Upper  
117 100  
82 51.7 41.8 62.8  
119 32.2 24.8 37.2





#72  
 1,4-Dichlorobenzene-d4  
 Concen: 50.000 ug/l  
 RT: 12.024 min Scan# 11  
 Delta R.T. 0.000 min  
 Lab File: VX028357.D  
 Acq: 26 Apr 2022 18:09

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 PB144365ZHE#02



Tgt Ion:152 Resp: 390607  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 152 | 100   |       |       |
| 115 | 57.0  | 37.5  | 112.7 |
| 150 | 157.5 | 0.0   | 338.2 |

