

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX042622\  
 Data File : VX028356.D  
 Acq On : 26 Apr 2022 17:46  
 Operator : JC/MD  
 Sample : PB144365ZHE#01  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 18 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 PB144365ZHE#01

Quant Time: Apr 27 02:06:54 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

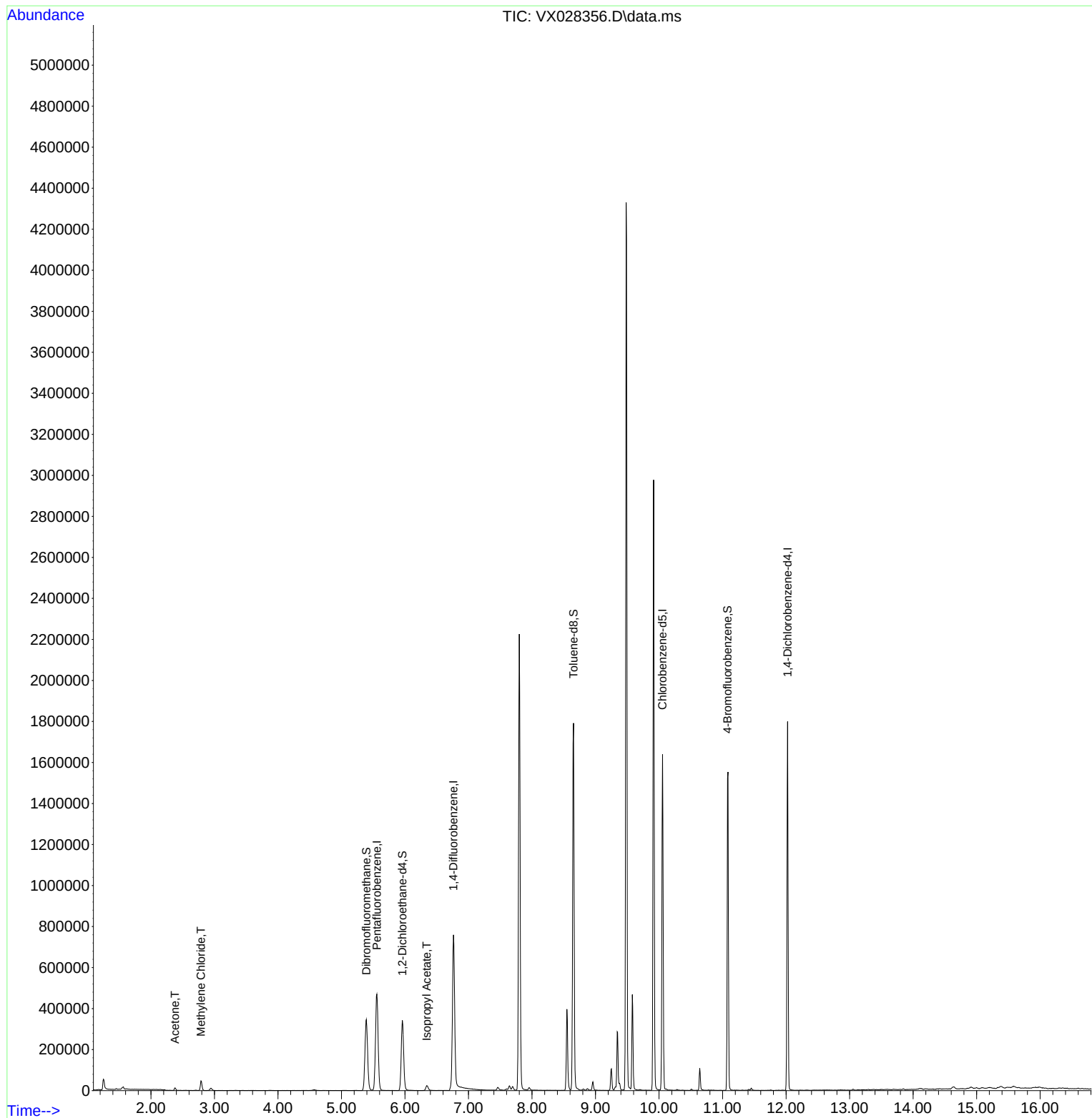
| Compound                    | R.T. QIon |       | Response | Conc     | Units      | Dev(Min) |
|-----------------------------|-----------|-------|----------|----------|------------|----------|
| -----                       |           |       |          |          |            |          |
| Internal Standards          |           |       |          |          |            |          |
| 1) Pentafluorobenzene       | 5.556     | 168   | 475454   | 50.000   | ug/l       | 0.00     |
| 34) 1,4-Difluorobenzene     | 6.763     | 114   | 796134   | 50.000   | ug/l       | 0.00     |
| 63) Chlorobenzene-d5        | 10.055    | 117   | 767154   | 50.000   | ug/l       | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 12.024    | 152   | 378836   | 50.000   | ug/l       | 0.00     |
| System Monitoring Compounds |           |       |          |          |            |          |
| 33) 1,2-Dichloroethane-d4   | 5.958     | 65    | 323041   | 52.109   | ug/l       | 0.00     |
| Spiked Amount               | 50.000    | Range | 61 - 141 | Recovery | = 104.220% |          |
| 35) Dibromofluoromethane    | 5.391     | 113   | 299713   | 53.681   | ug/l       | 0.00     |
| Spiked Amount               | 50.000    | Range | 69 - 133 | Recovery | = 107.360% |          |
| 50) Toluene-d8              | 8.653     | 98    | 1105579  | 51.556   | ug/l       | 0.00     |
| Spiked Amount               | 50.000    | Range | 65 - 126 | Recovery | = 103.120% |          |
| 62) 4-Bromofluorobenzene    | 11.079    | 95    | 411353   | 50.169   | ug/l       | 0.00     |
| Spiked Amount               | 50.000    | Range | 58 - 135 | Recovery | = 100.340% |          |
| Target Compounds            |           |       |          |          |            | Qvalue   |
| 16) Acetone                 | 2.380     | 43    | 12275    | 5.115    | ug/l       | 95       |
| 20) Methylene Chloride      | 2.788     | 84    | 22328    | 4.854    | ug/l       | 96       |
| 43) Isopropyl Acetate       | 6.342     | 43    | 32923    | 2.737    | ug/l       | 98       |
| -----                       |           |       |          |          |            |          |

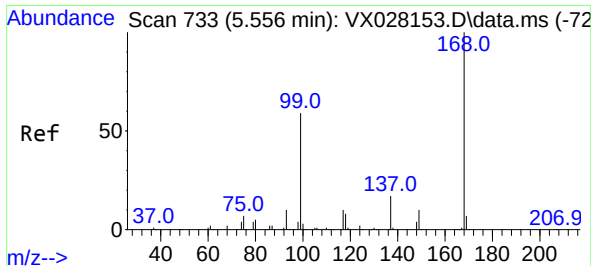
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

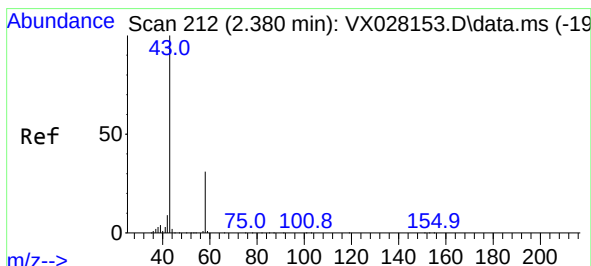
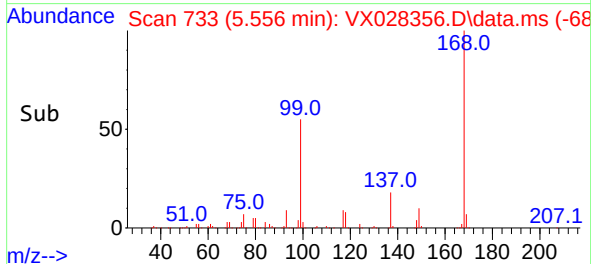
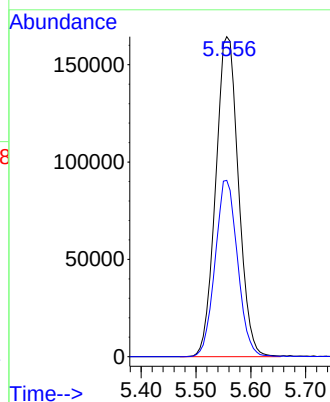
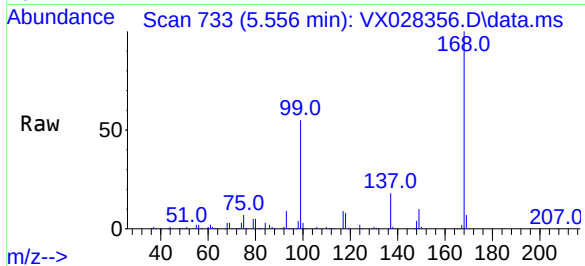




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.556 min Scan# 71  
Delta R.T. -0.000 min  
Lab File: VX028356.D  
Acq: 26 Apr 2022 17:46

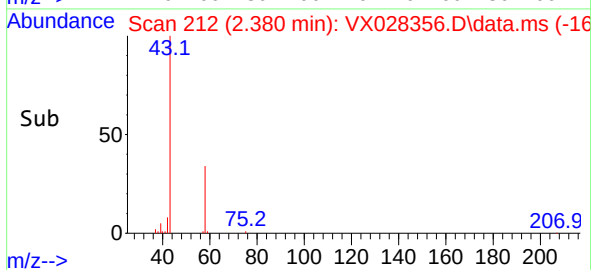
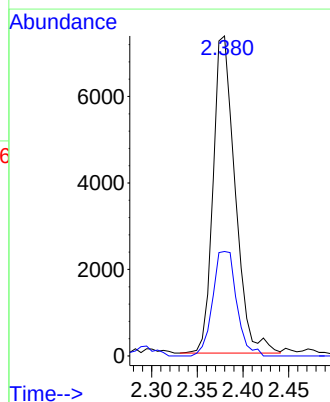
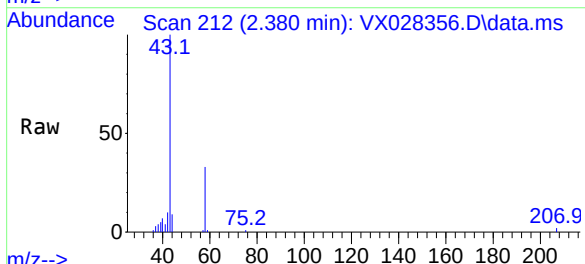
Instrument :  
MSVOA\_X  
ClientSampleId :  
PB144365ZHE#01

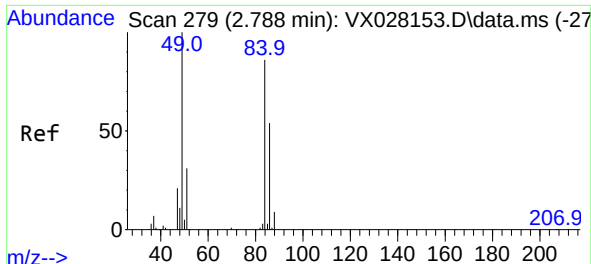
Tgt Ion:168 Resp: 475454  
Ion Ratio Lower Upper  
168 100  
99 55.1 41.7 62.5



#16  
Acetone  
Concen: 5.115 ug/l  
RT: 2.380 min Scan# 212  
Delta R.T. -0.000 min  
Lab File: VX028356.D  
Acq: 26 Apr 2022 17:46

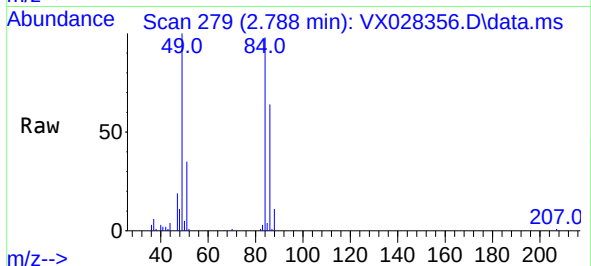
Tgt Ion: 43 Resp: 12275  
Ion Ratio Lower Upper  
43 100  
58 33.0 28.8 43.2





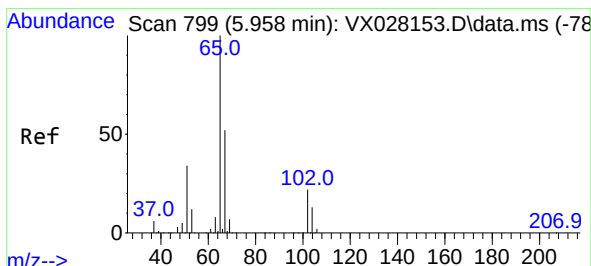
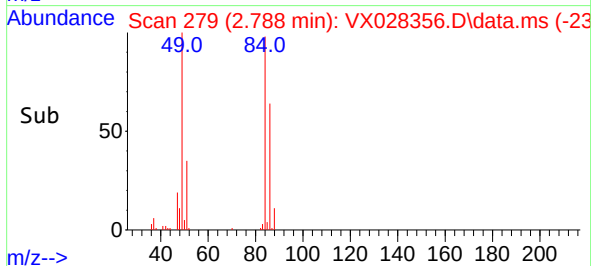
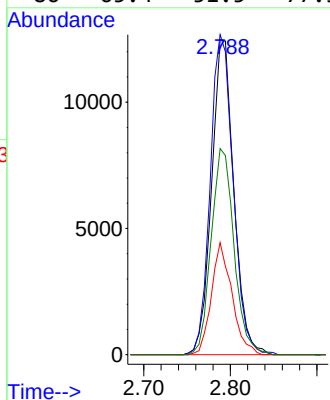
#20  
Methylene Chloride  
Concen: 4.854 ug/l  
RT: 2.788 min Scan# 21  
Delta R.T. 0.000 min  
Lab File: VX028356.D  
Acq: 26 Apr 2022 17:46

Instrument :  
MSVOA\_X  
ClientSampleId :  
PB144365ZHE#01



Tgt Ion: 84 Resp: 22328

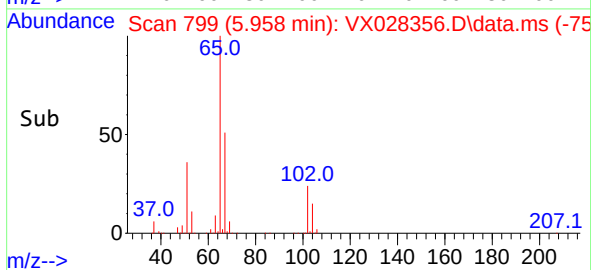
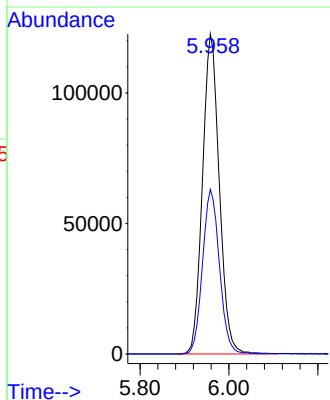
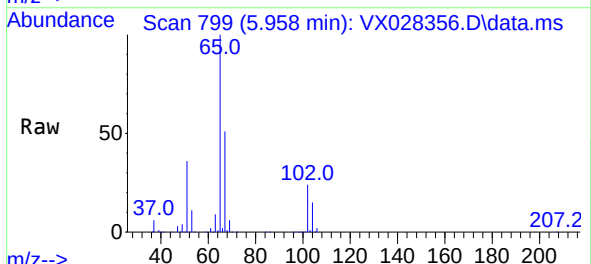
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 84  | 100   |       |       |
| 49  | 101.6 | 85.5  | 128.3 |
| 51  | 35.5  | 26.6  | 39.8  |
| 86  | 65.4  | 51.5  | 77.3  |

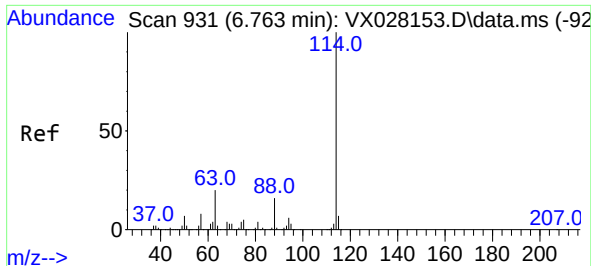


#33  
1,2-Dichloroethane-d4  
Concen: 52.109 ug/l  
RT: 5.958 min Scan# 799  
Delta R.T. 0.000 min  
Lab File: VX028356.D  
Acq: 26 Apr 2022 17:46

Tgt Ion: 65 Resp: 323041

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 65  | 100   |       |       |
| 67  | 51.8  | 0.0   | 107.4 |

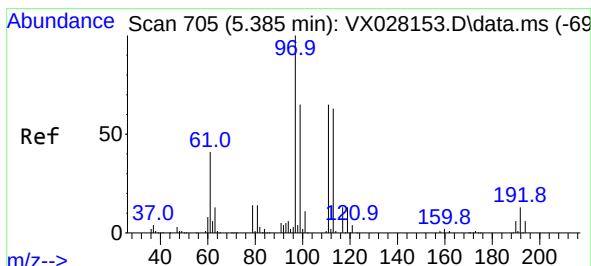
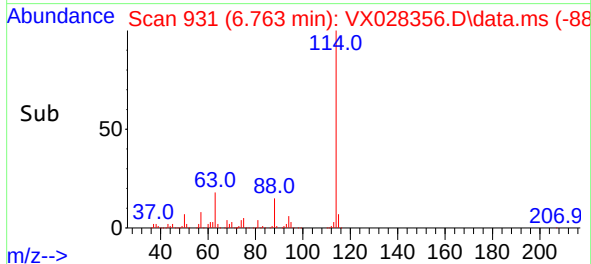
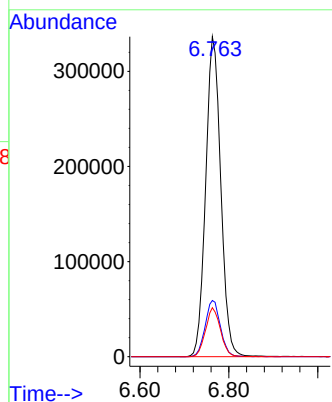
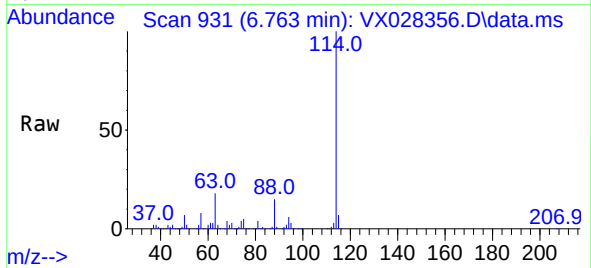




#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 6.763 min Scan# 91  
Delta R.T. 0.000 min  
Lab File: VX028356.D  
Acq: 26 Apr 2022 17:46

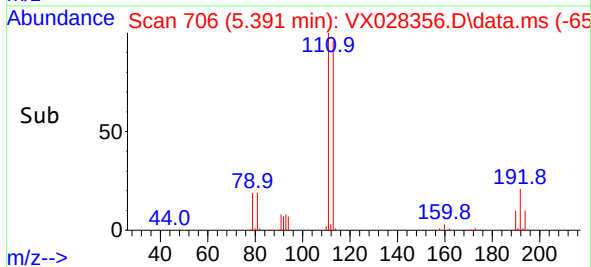
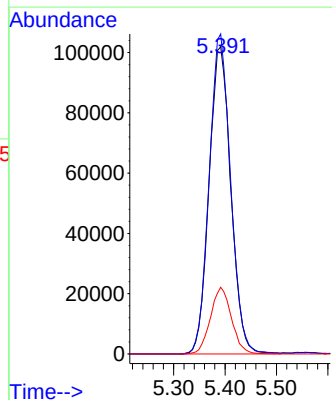
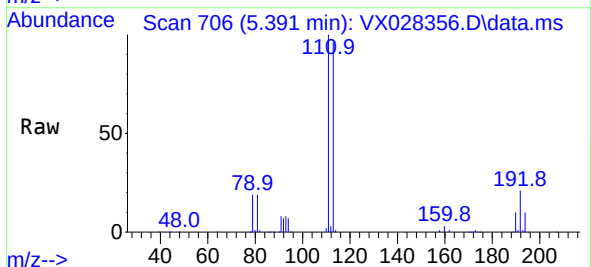
Instrument :  
MSVOA\_X  
ClientSampleId :  
PB144365ZHE#01

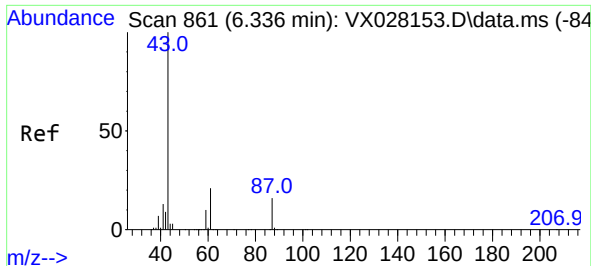
Tgt Ion:114 Resp: 796134  
Ion Ratio Lower Upper  
114 100  
63 17.5 0.0 36.8  
88 15.3 0.0 32.4



#35  
Dibromofluoromethane  
Concen: 53.681 ug/l  
RT: 5.391 min Scan# 706  
Delta R.T. 0.006 min  
Lab File: VX028356.D  
Acq: 26 Apr 2022 17:46

Tgt Ion:113 Resp: 299713  
Ion Ratio Lower Upper  
113 100  
111 103.0 82.8 124.2  
192 21.0 16.9 25.3





#43

Isopropyl Acetate

Concen: 2.737 ug/l

RT: 6.342 min Scan# 862

Delta R.T. 0.006 min

Lab File: VX028356.D

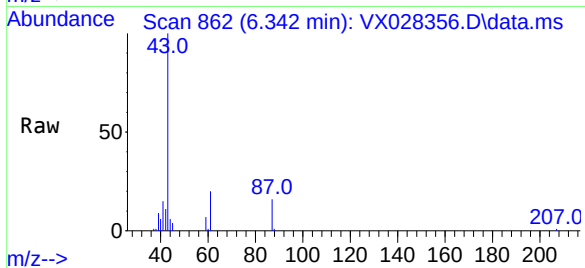
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Instrument :

MSVOA\_X

ClientSampleId :

PB144365ZHE#01



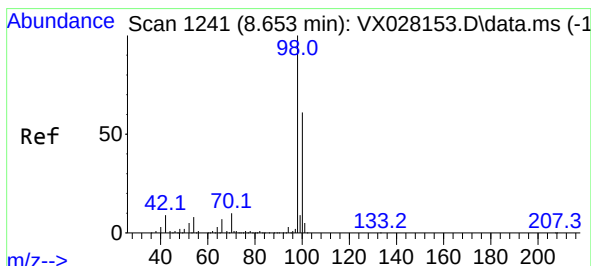
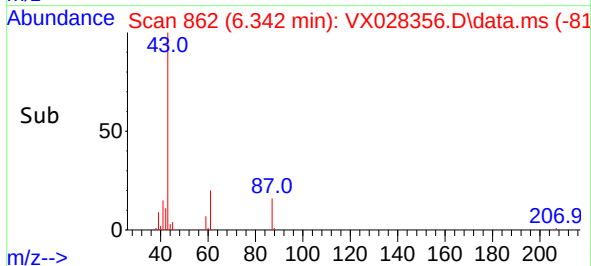
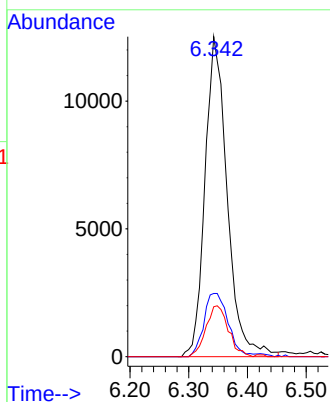
Tgt Ion: 43 Resp: 32923

Ion Ratio Lower Upper

43 100

61 22.0 18.5 27.7

87 16.0 13.0 19.6



#50

Toluene-d8

Concen: 51.556 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. -0.000 min

Lab File: VX028356.D

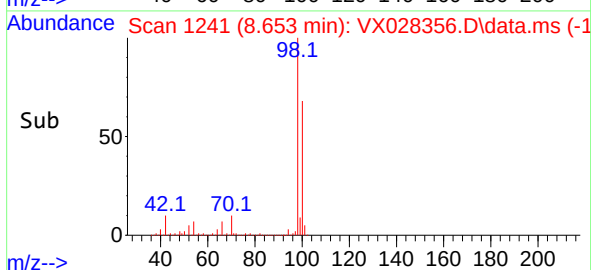
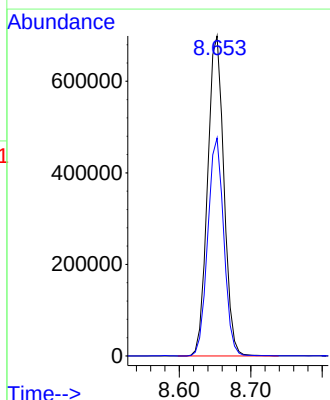
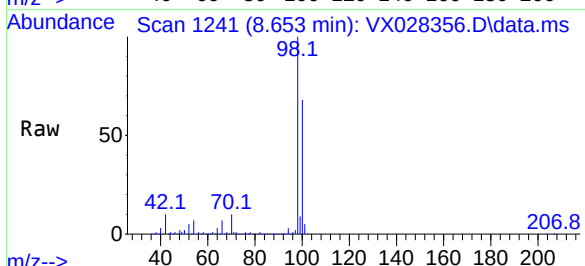
Acq: 26 Apr 2022 17:46

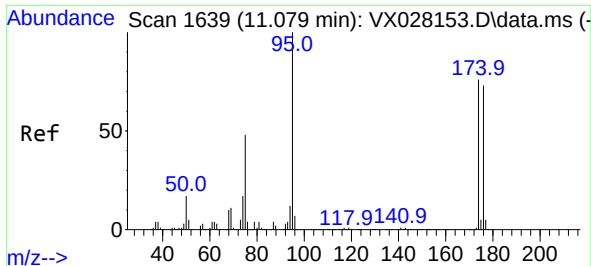
Tgt Ion: 98 Resp: 1105579

Ion Ratio Lower Upper

98 100

100 67.1 52.6 78.8

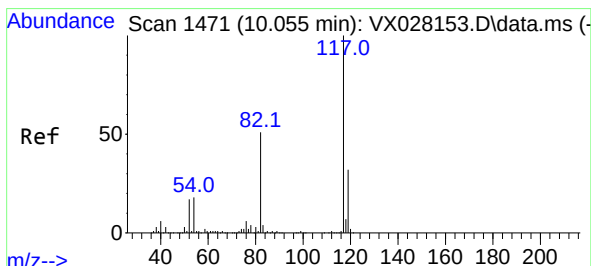
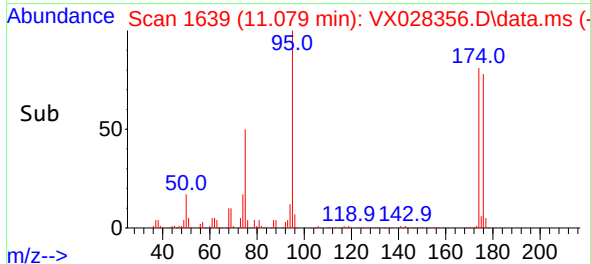
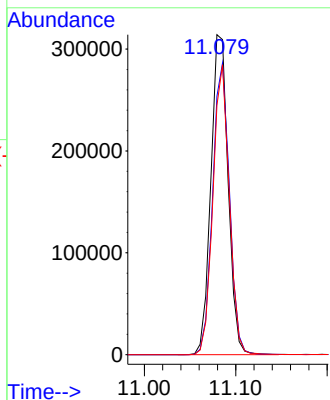
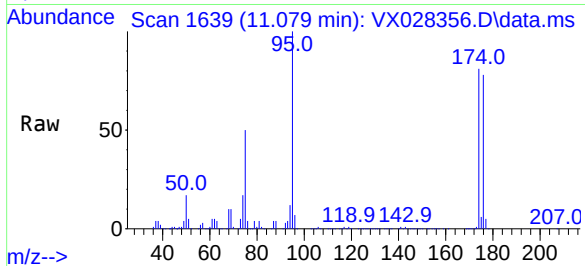




#62  
4-Bromofluorobenzene  
Concen: 50.169 ug/l  
RT: 11.079 min Scan# 1639  
Delta R.T. 0.000 min  
Lab File: VX028356.D  
Acq: 26 Apr 2022 17:46

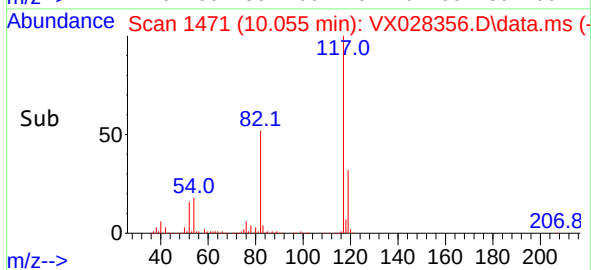
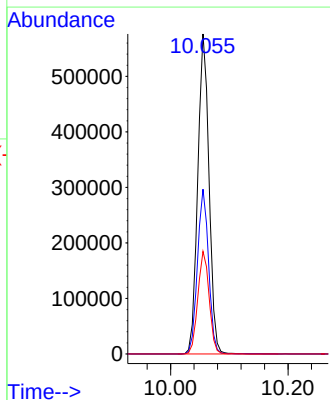
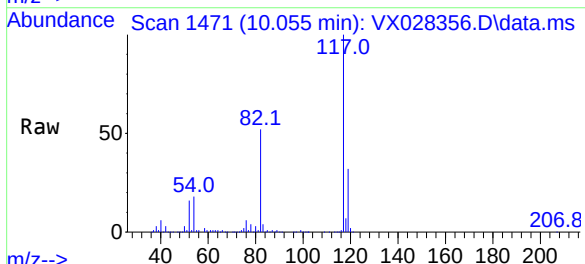
Instrument :  
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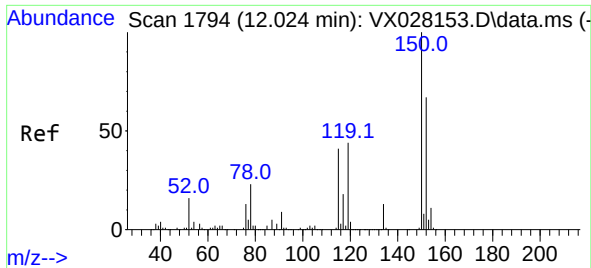
Tgt Ion: 95 Resp: 411353  
Ion Ratio Lower Upper  
95 100  
174 89.0 0.0 163.0  
176 86.1 0.0 155.0



#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.055 min Scan# 1471  
Delta R.T. 0.000 min  
Lab File: VX028356.D  
Acq: 26 Apr 2022 17:46

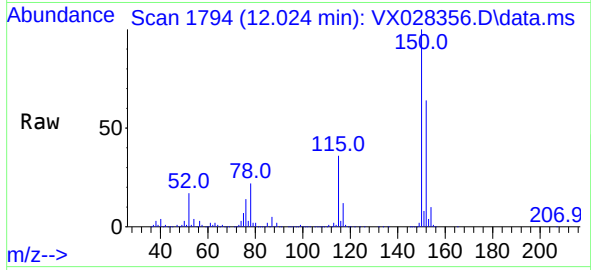
Tgt Ion: 117 Resp: 767154  
Ion Ratio Lower Upper  
117 100  
82 51.5 41.8 62.8  
119 32.1 24.8 37.2





#72  
 1,4-Dichlorobenzene-d4  
 Concen: 50.000 ug/l  
 RT: 12.024 min Scan# 11  
 Delta R.T. 0.000 min  
 Lab File: VX028356.D  
 Acq: 26 Apr 2022 17:46

Instrument :  
 MSVOA\_X  
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 PB144365ZHE#01



Tgt Ion:152 Resp: 378836  
 Ion Ratio Lower Upper  
 152 100  
 115 56.8 37.5 112.7  
 150 156.2 0.0 338.2

