

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX072221\  
 Data File : VX023384.D  
 Acq On : 22 Jul 2021 19:23  
 Operator : JC/MD  
 Sample : PB137858TB  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 20 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 PB137858TB

Quant Time: Jul 23 06:09:25 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X072221W.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Jul 23 06:05:38 2021  
 Response via : Initial Calibration

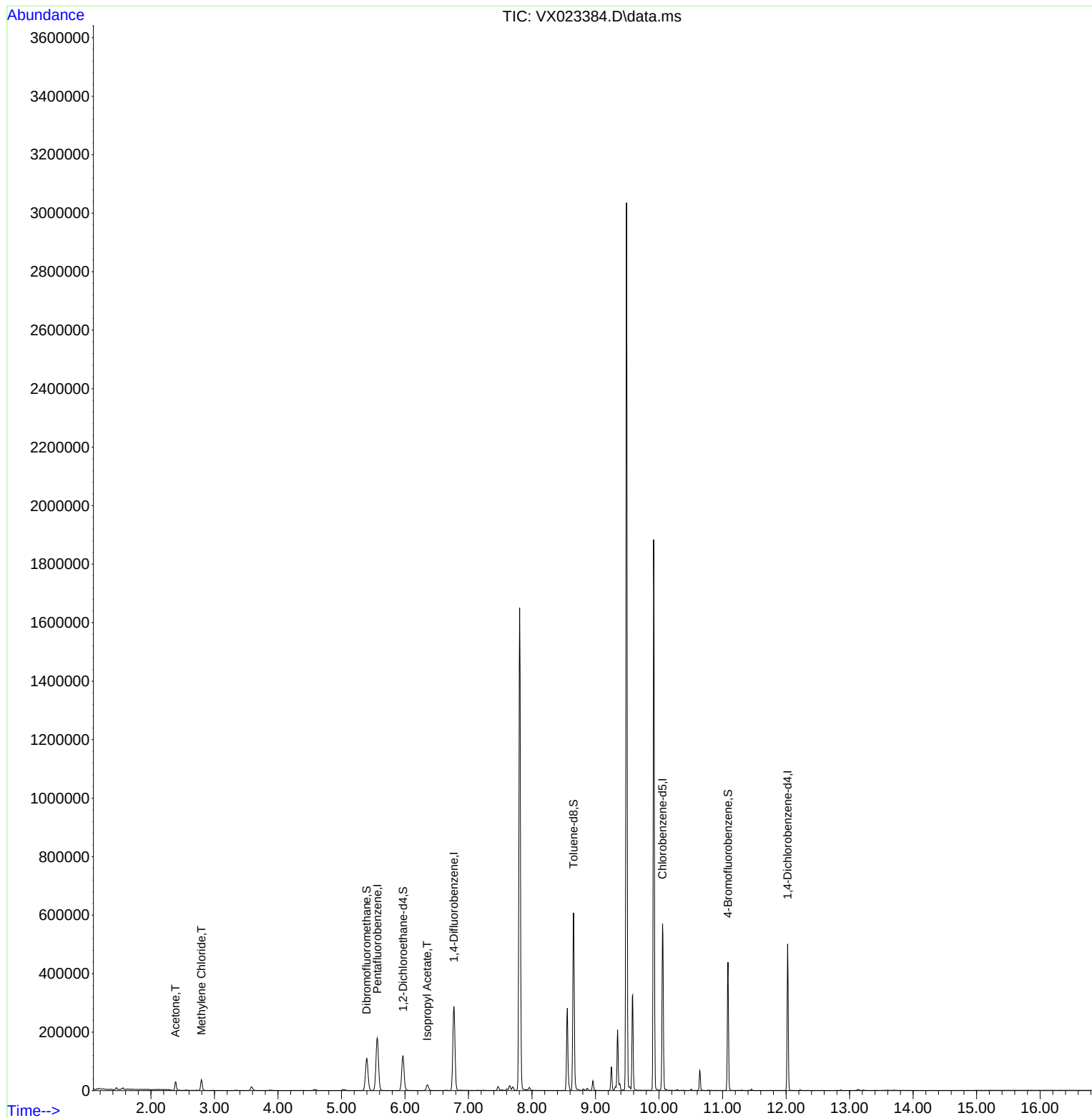
| Compound                    | R.T. QIon |       | Response | Conc     | Units      | Dev(Min) |
|-----------------------------|-----------|-------|----------|----------|------------|----------|
| -----                       |           |       |          |          |            |          |
| Internal Standards          |           |       |          |          |            |          |
| 1) Pentafluorobenzene       | 5.562     | 168   | 176799   | 50.000   | ug/l       | 0.00     |
| 34) 1,4-Difluorobenzene     | 6.769     | 114   | 298076   | 50.000   | ug/l       | 0.00     |
| 63) Chlorobenzene-d5        | 10.055    | 117   | 257128   | 50.000   | ug/l       | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 12.024    | 152   | 101203   | 50.000   | ug/l       | 0.00     |
| System Monitoring Compounds |           |       |          |          |            |          |
| 33) 1,2-Dichloroethane-d4   | 5.970     | 65    | 114594   | 51.960   | ug/l       | 0.00     |
| Spiked Amount               | 50.000    | Range | 78 - 117 | Recovery | = 103.920% |          |
| 35) Dibromofluoromethane    | 5.397     | 113   | 94218    | 50.554   | ug/l       | 0.00     |
| Spiked Amount               | 50.000    | Range | 75 - 124 | Recovery | = 101.100% |          |
| 50) Toluene-d8              | 8.653     | 98    | 353215   | 51.585   | ug/l       | 0.00     |
| Spiked Amount               | 50.000    | Range | 92 - 112 | Recovery | = 103.160% |          |
| 62) 4-Bromofluorobenzene    | 11.085    | 95    | 110656   | 47.525   | ug/l       | 0.00     |
| Spiked Amount               | 50.000    | Range | 83 - 123 | Recovery | = 95.060%  |          |
| Target Compounds            |           |       |          |          |            | Qvalue   |
| 16) Acetone                 | 2.386     | 43    | 31480    | 29.098   | ug/l       | 95       |
| 20) Methylene Chloride      | 2.794     | 84    | 16186    | 7.692    | ug/l       | 92       |
| 43) Isopropyl Acetate       | 6.348     | 43    | 27237    | 5.170    | ug/l       | 94       |
| -----                       |           |       |          |          |            |          |

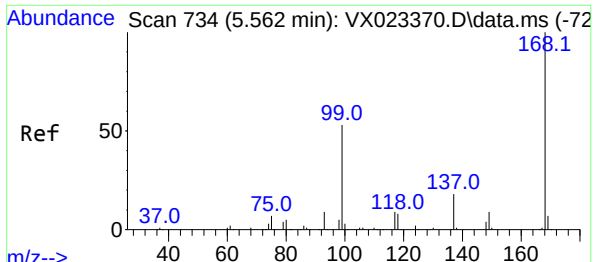
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc : 5.0mL/MSVOA\_X/WATER  
ALS Vial : 20 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
PB137858TB

Quant Time: Jul 23 06:09:25 2021  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X072221W.M  
Quant Title : SW846 8260  
QLast Update : Fri Jul 23 06:05:38 2021  
Response via : Initial Calibration

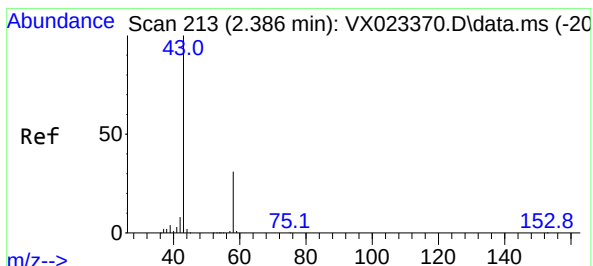
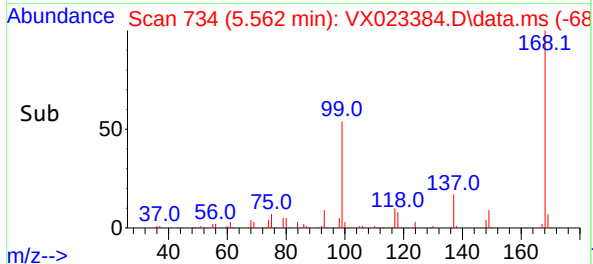
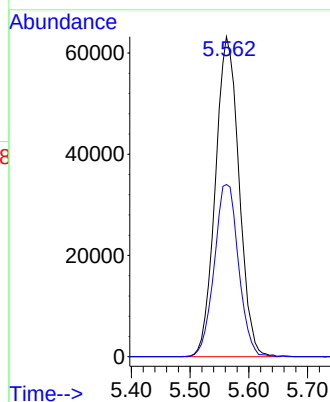
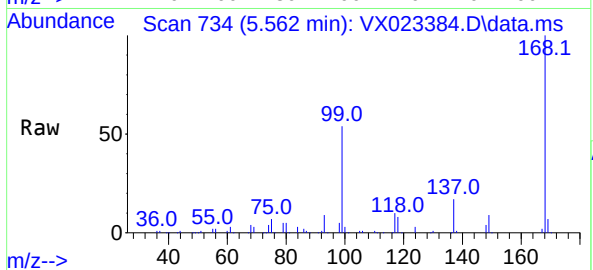




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.562 min Scan# 734  
Delta R.T. -0.000 min  
Lab File: VX023384.D  
Acq: 22 Jul 2021 19:23

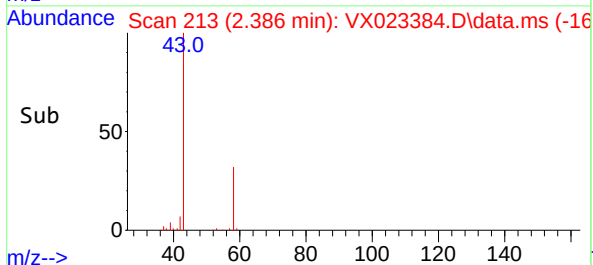
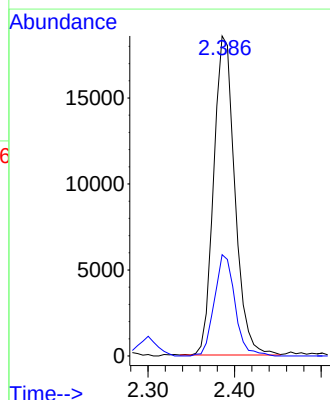
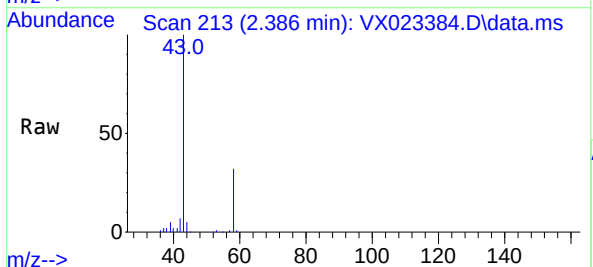
Instrument :  
MSVOA\_X  
ClientSampleId :  
PB137858TB

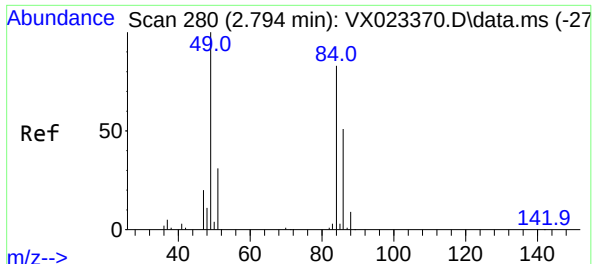
Tgt Ion:168 Resp: 176799  
Ion Ratio Lower Upper  
168 100  
99 53.8 45.8 68.6



#16  
Acetone  
Concen: 29.098 ug/l  
RT: 2.386 min Scan# 213  
Delta R.T. -0.000 min  
Lab File: VX023384.D  
Acq: 22 Jul 2021 19:23

Tgt Ion: 43 Resp: 31480  
Ion Ratio Lower Upper  
43 100  
58 31.7 27.8 41.8



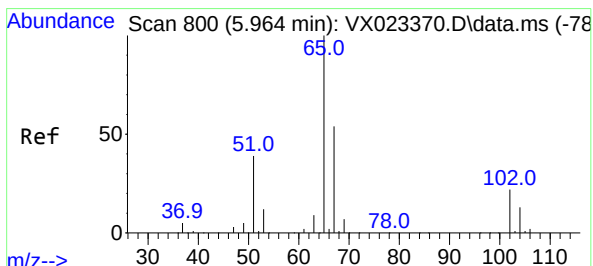
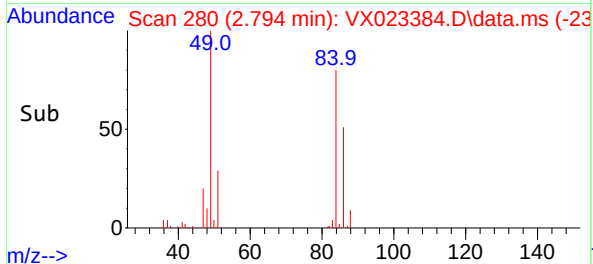
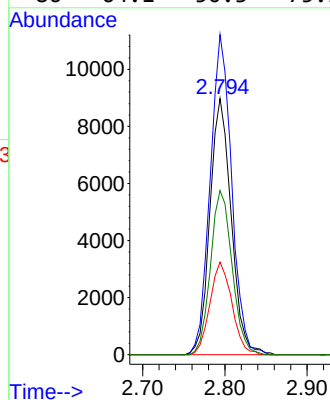
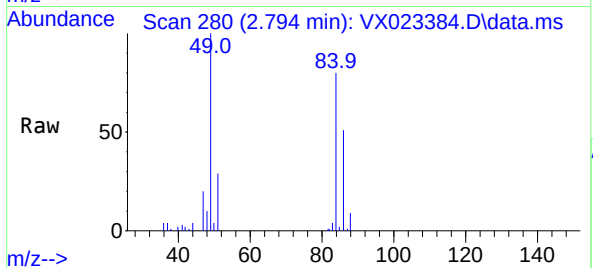


#20  
Methylene Chloride  
Concen: 7.692 ug/l  
RT: 2.794 min Scan# 280  
Delta R.T. 0.000 min  
Lab File: VX023384.D  
Acq: 22 Jul 2021 19:23

Instrument :  
MSVOA\_X  
ClientSampleId :  
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Tgt Ion: 84 Resp: 16186

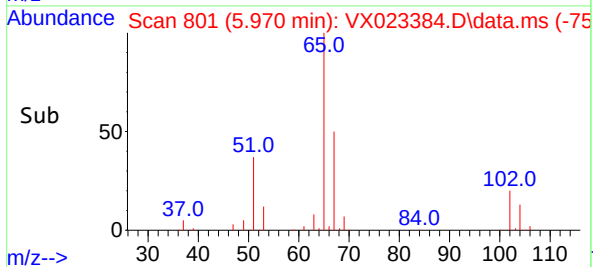
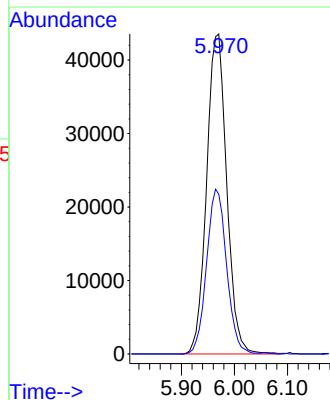
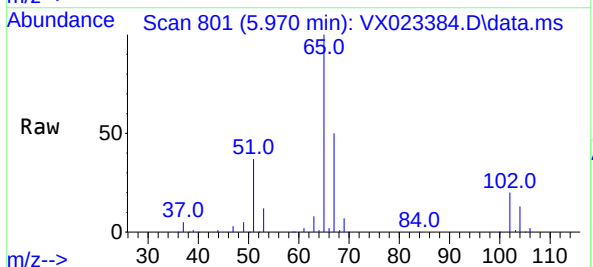
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 84  | 100   |       |       |
| 49  | 124.9 | 88.6  | 132.8 |
| 51  | 36.2  | 27.0  | 40.6  |
| 86  | 64.1  | 50.3  | 75.5  |

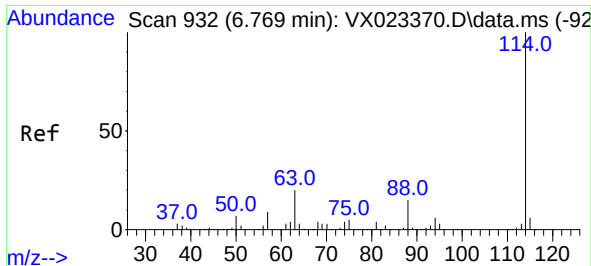


#33  
1,2-Dichloroethane-d4  
Concen: 51.960 ug/l  
RT: 5.970 min Scan# 801  
Delta R.T. 0.006 min  
Lab File: VX023384.D  
Acq: 22 Jul 2021 19:23

Tgt Ion: 65 Resp: 114594

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 65  | 100   |       |       |
| 67  | 51.2  | 0.0   | 105.4 |

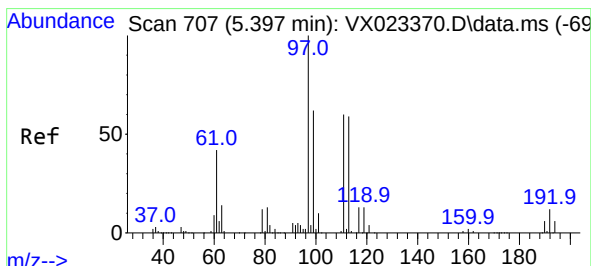
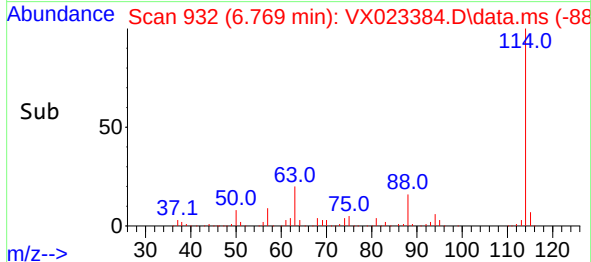
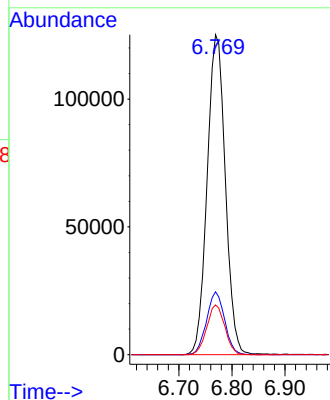
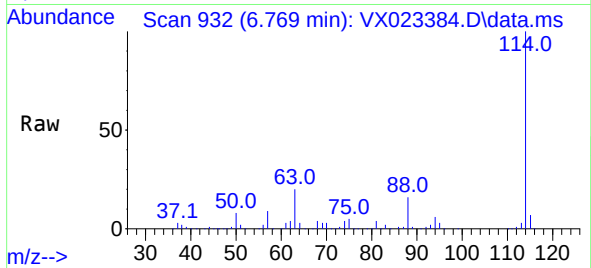




#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 6.769 min Scan# 932  
Delta R.T. -0.000 min  
Lab File: VX023384.D  
Acq: 22 Jul 2021 19:23

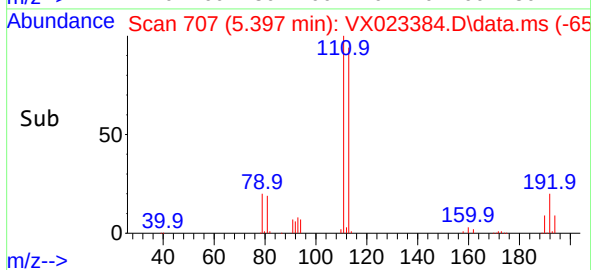
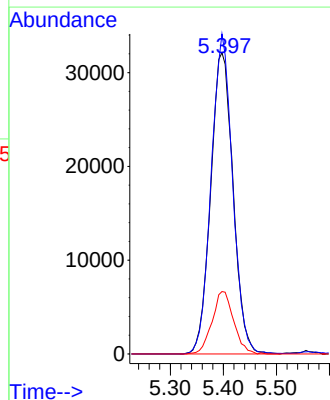
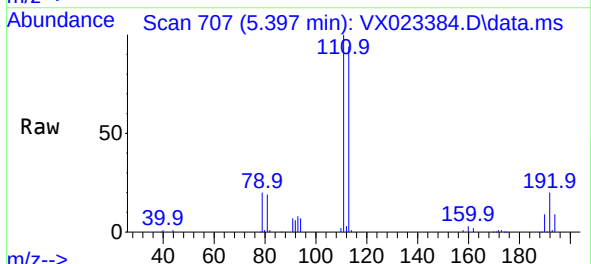
Instrument :  
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ClientSampleId :  
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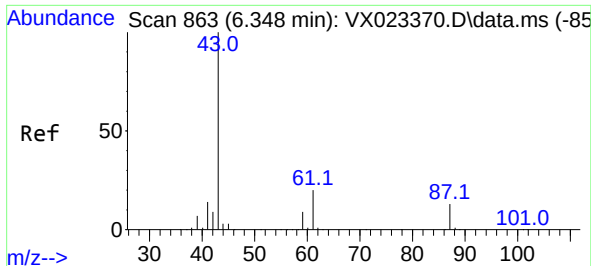
Tgt Ion:114 Resp: 298076  
Ion Ratio Lower Upper  
114 100  
63 19.6 0.0 40.8  
88 15.5 0.0 32.8



#35  
Dibromofluoromethane  
Concen: 50.554 ug/l  
RT: 5.397 min Scan# 707  
Delta R.T. 0.000 min  
Lab File: VX023384.D  
Acq: 22 Jul 2021 19:23

Tgt Ion:113 Resp: 94218  
Ion Ratio Lower Upper  
113 100  
111 101.5 81.9 122.9  
192 20.0 16.7 25.1

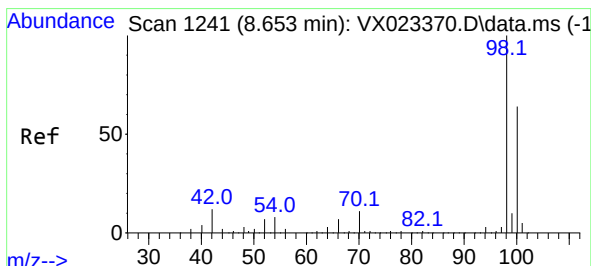
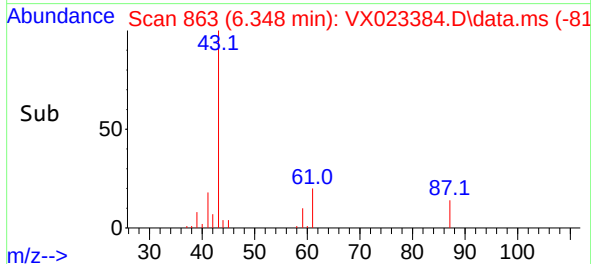
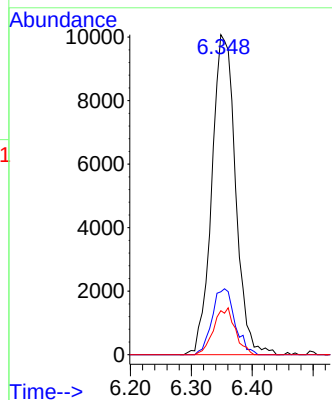
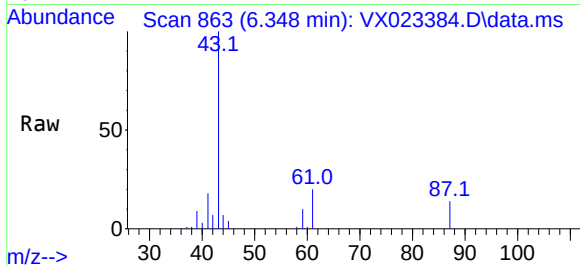




#43  
Isopropyl Acetate  
Concen: 5.170 ug/l  
RT: 6.348 min Scan# 863  
Delta R.T. 0.000 min  
Lab File: VX023384.D  
Acq: 22 Jul 2021 19:23

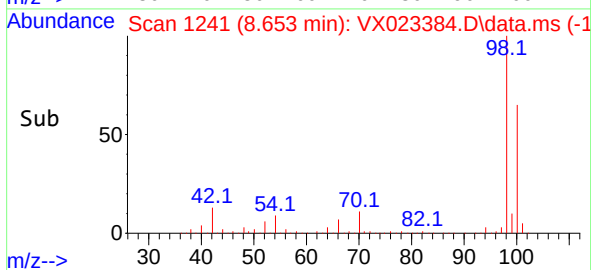
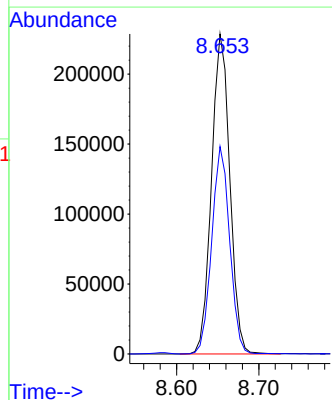
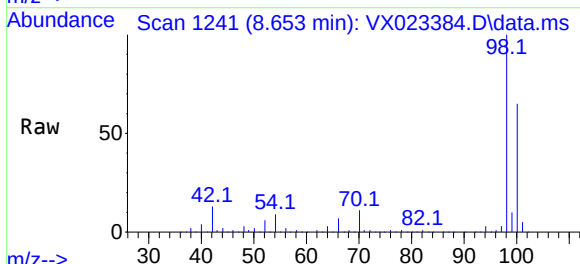
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MSVOA\_X  
ClientSampleId :  
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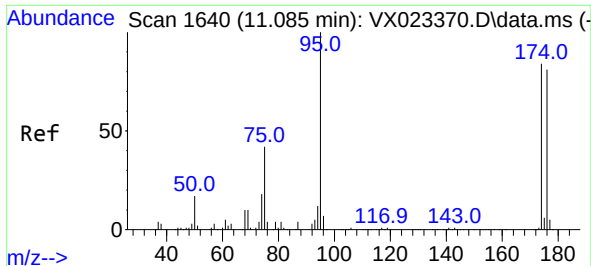
|             |             |
|-------------|-------------|
| Tgt Ion: 43 | Resp: 27237 |
| Ion Ratio   | Lower Upper |
| 43 100      |             |
| 61 19.9     | 18.2 27.4   |
| 87 13.3     | 12.5 18.7   |



#50  
Toluene-d8  
Concen: 51.585 ug/l  
RT: 8.653 min Scan# 1241  
Delta R.T. -0.000 min  
Lab File: VX023384.D  
Acq: 22 Jul 2021 19:23

|             |              |
|-------------|--------------|
| Tgt Ion: 98 | Resp: 353215 |
| Ion Ratio   | Lower Upper  |
| 98 100      |              |
| 100 63.8    | 51.9 77.9    |

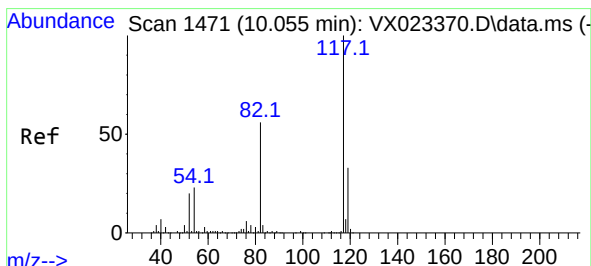
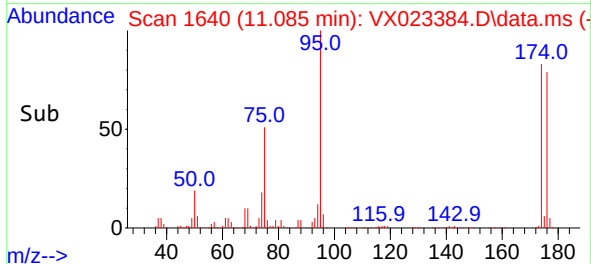
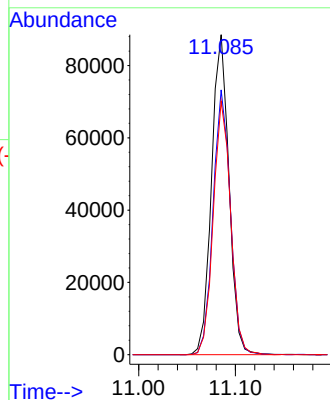
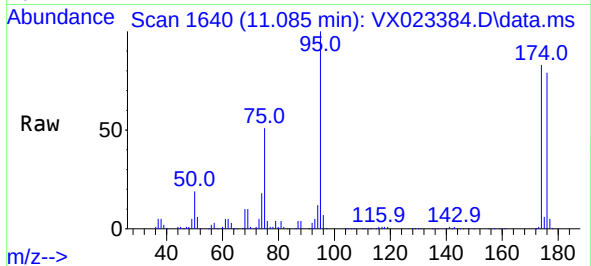




#62  
4-Bromofluorobenzene  
Concen: 47.525 ug/l  
RT: 11.085 min Scan# 1640  
Delta R.T. 0.000 min  
Lab File: VX023384.D  
Acq: 22 Jul 2021 19:23

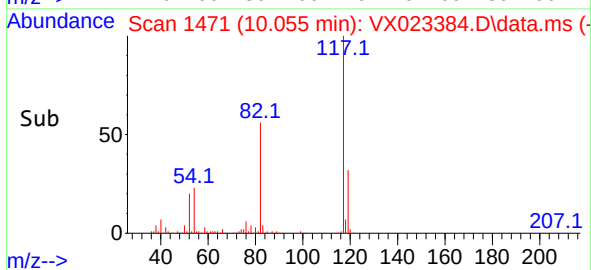
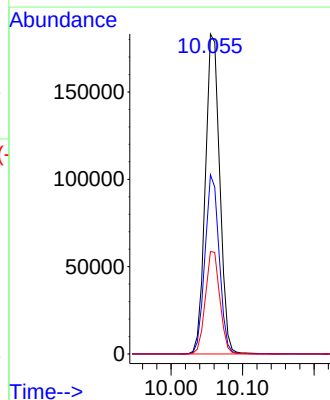
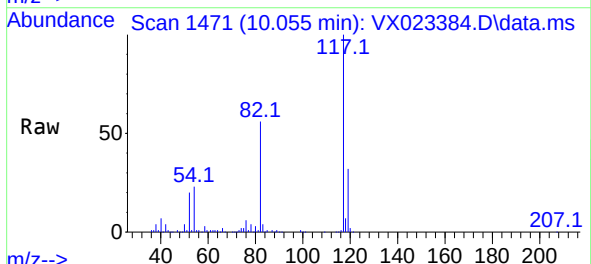
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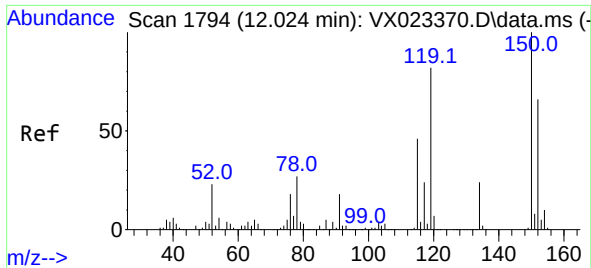
Tgt Ion: 95 Resp: 110656  
Ion Ratio Lower Upper  
95 100  
174 82.1 0.0 154.6  
176 79.2 0.0 155.8



#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.055 min Scan# 1471  
Delta R.T. -0.000 min  
Lab File: VX023384.D  
Acq: 22 Jul 2021 19:23

Tgt Ion: 117 Resp: 257128  
Ion Ratio Lower Upper  
117 100  
82 56.0 47.4 71.2  
119 32.0 26.6 39.8





#72  
 1,4-Dichlorobenzene-d4  
 Concen: 50.000 ug/l  
 RT: 12.024 min Scan# 1794  
 Delta R.T. 0.000 min  
 Lab File: VX023384.D  
 Acq: 22 Jul 2021 19:23

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 PB137858TB

Tgt Ion:152 Resp: 101203  
 Ion Ratio Lower Upper  
 152 100  
 115 57.9 41.1 123.3  
 150 155.4 0.0 349.0

