

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX062521\  
 Data File : VX022949.D  
 Acq On : 26 Jun 2021 02:38  
 Operator : JC/MD  
 Sample : PB137293ZHE#05  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 42 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 PB137293ZHE#05

Quant Time: Jun 26 03:59:21 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X062321W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Jun 23 19:12:26 2021  
 Response via : Initial Calibration

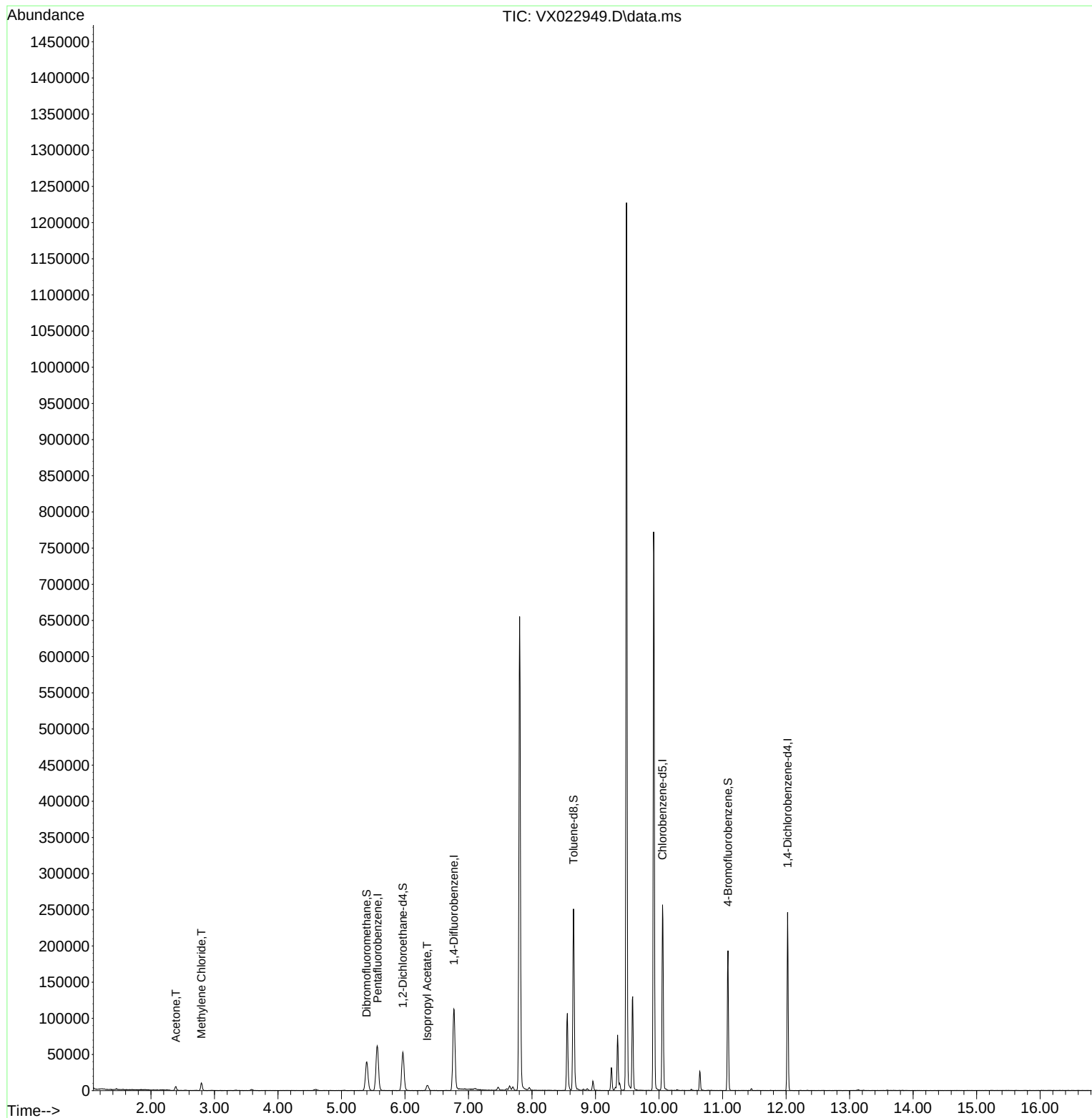
| Compound                    | R.T. QIon |       | Response | Conc     | Units | Dev(Min) |
|-----------------------------|-----------|-------|----------|----------|-------|----------|
| -----                       |           |       |          |          |       |          |
| Internal Standards          |           |       |          |          |       |          |
| 1) Pentafluorobenzene       | 5.568     | 168   | 50999    | 50.000   | ug/l  | # 0.01   |
| 34) 1,4-Difluorobenzene     | 6.769     | 114   | 108325   | 50.000   | ug/l  | 0.00     |
| 63) Chlorobenzene-d5        | 10.055    | 117   | 105985   | 50.000   | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 12.024    | 152   | 42521    | 50.000   | ug/l  | 0.00     |
| System Monitoring Compounds |           |       |          |          |       |          |
| 33) 1,2-Dichloroethane-d4   | 5.964     | 65    | 48672    | 52.589   | ug/l  | 0.00     |
| Spiked Amount               | 50.000    | Range | 78 - 117 | Recovery | =     | 105.180% |
| 35) Dibromofluoromethane    | 5.397     | 113   | 34074    | 49.534   | ug/l  | 0.00     |
| Spiked Amount               | 50.000    | Range | 75 - 124 | Recovery | =     | 99.060%  |
| 50) Toluene-d8              | 8.653     | 98    | 141447   | 52.466   | ug/l  | 0.00     |
| Spiked Amount               | 50.000    | Range | 92 - 112 | Recovery | =     | 104.940% |
| 62) 4-Bromofluorobenzene    | 11.085    | 95    | 50431    | 50.122   | ug/l  | 0.00     |
| Spiked Amount               | 50.000    | Range | 83 - 123 | Recovery | =     | 100.240% |
| Target Compounds            |           |       |          |          |       |          |
|                             |           |       |          |          |       | Qvalue   |
| 16) Acetone                 | 2.392     | 43    | 6355     | 15.488   | ug/l  | 99       |
| 20) Methylene Chloride      | 2.794     | 84    | 4391     | 5.728    | ug/l  | # 83     |
| 43) Isopropyl Acetate       | 6.348     | 43    | 9836     | 4.590    | ug/l  | 95       |
| -----                       |           |       |          |          |       |          |

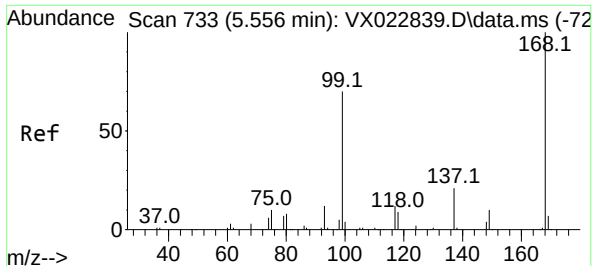
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ClientSampleId :  
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X062321W.M  
Quant Title : SW846 8260  
QLast Update : Wed Jun 23 19:12:26 2021  
Response via : Initial Calibration

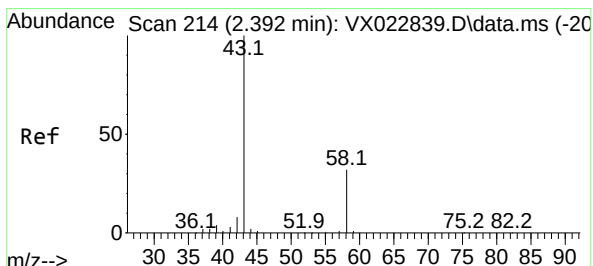
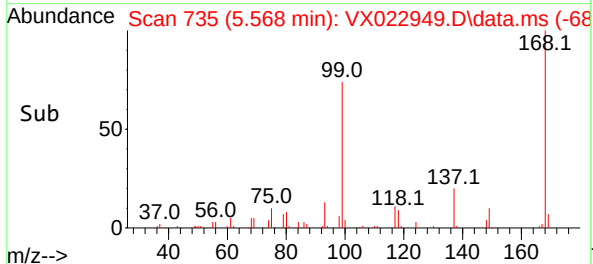
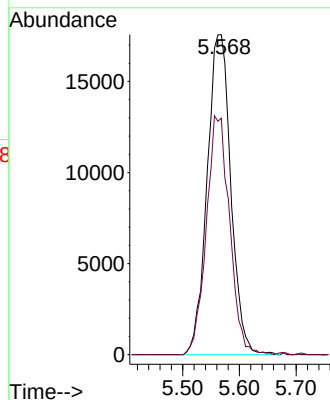
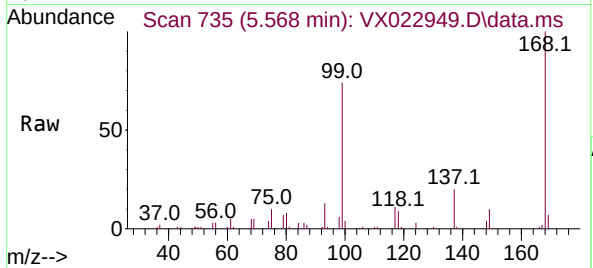




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.568 min Scan# 735  
Delta R.T. 0.012 min  
Lab File: VX022949.D  
Acq: 26 Jun 2021 02:38

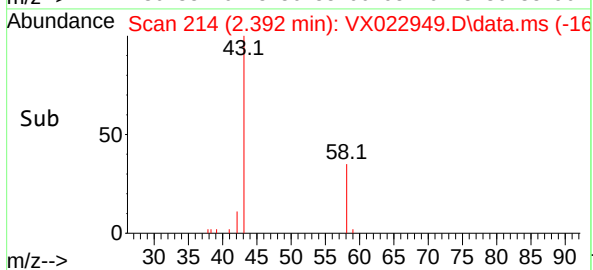
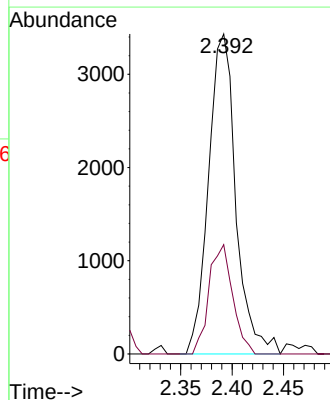
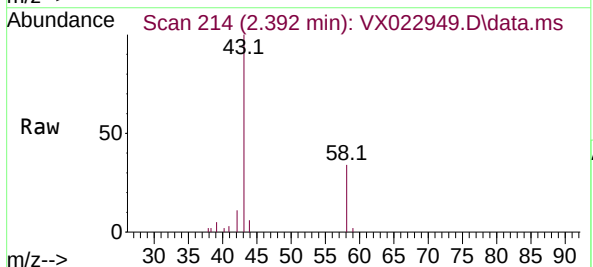
Instrument :  
MSVOA\_X  
ClientSampleId :  
PB137293ZHE#05

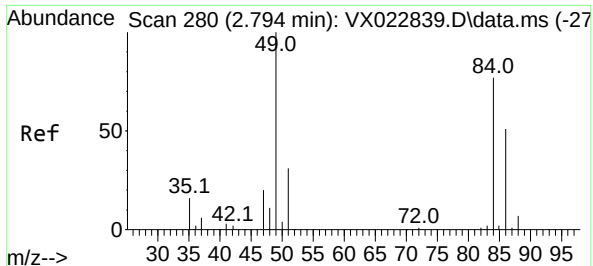
Tgt Ion:168 Resp: 50999  
Ion Ratio Lower Upper  
168 100  
99 73.9 45.8 68.6#



#16  
Acetone  
Concen: 15.488 ug/l  
RT: 2.392 min Scan# 214  
Delta R.T. -0.000 min  
Lab File: VX022949.D  
Acq: 26 Jun 2021 02:38

Tgt Ion: 43 Resp: 6355  
Ion Ratio Lower Upper  
43 100  
58 34.2 27.8 41.8



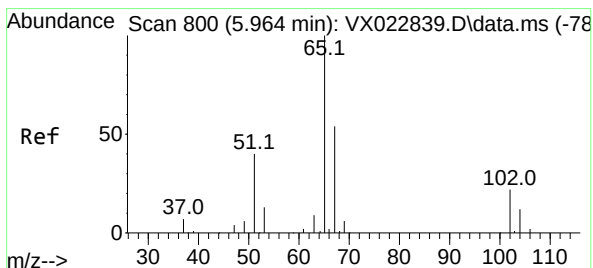
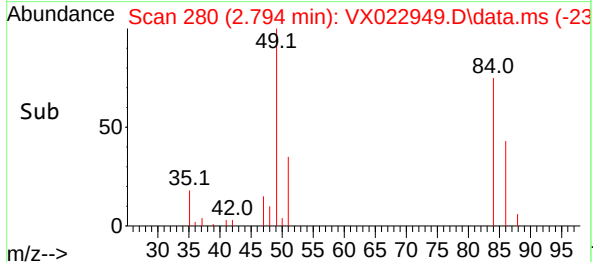
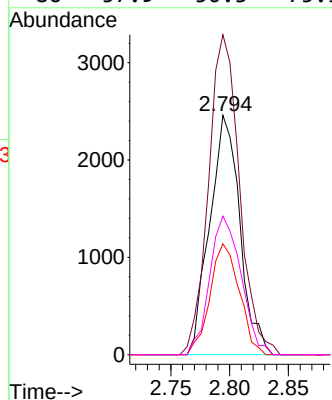
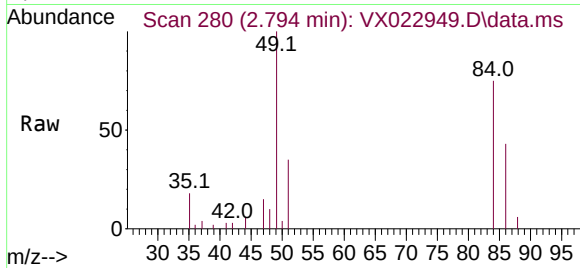


#20  
Methylene Chloride  
Concen: 5.728 ug/l  
RT: 2.794 min Scan# 280  
Delta R.T. 0.000 min  
Lab File: VX022949.D  
Acq: 26 Jun 2021 02:38

Instrument :  
MSVOA\_X  
ClientSampleId :  
PB137293ZHE#05

Tgt Ion: 84 Resp: 4391

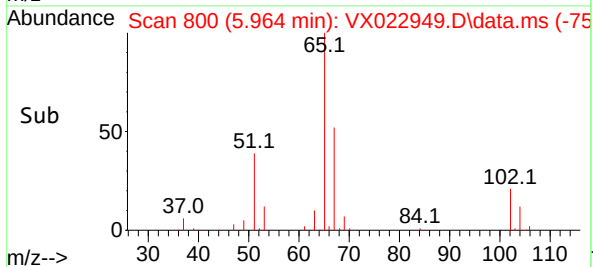
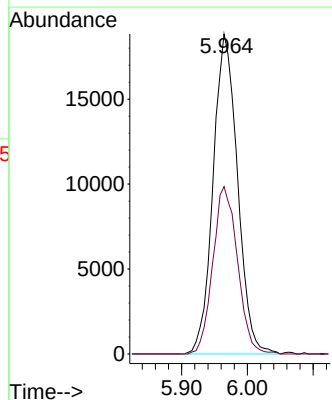
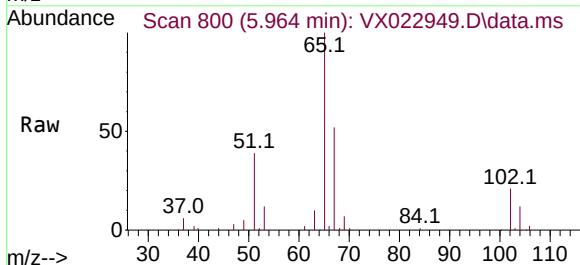
| Ion | Ratio | Lower | Upper  |
|-----|-------|-------|--------|
| 84  | 100   |       |        |
| 49  | 133.7 | 88.6  | 132.8# |
| 51  | 46.3  | 27.0  | 40.6#  |
| 86  | 57.9  | 50.3  | 75.5   |

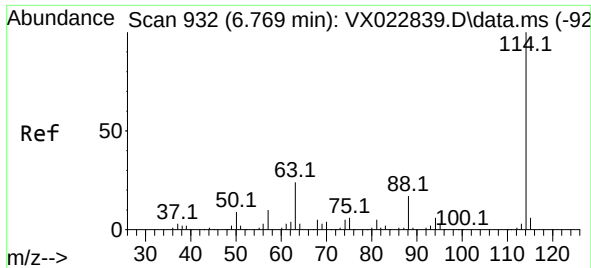


#33  
1,2-Dichloroethane-d4  
Concen: 52.589 ug/l  
RT: 5.964 min Scan# 800  
Delta R.T. 0.000 min  
Lab File: VX022949.D  
Acq: 26 Jun 2021 02:38

Tgt Ion: 65 Resp: 48672

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 65  | 100   |       |       |
| 67  | 52.8  | 0.0   | 105.4 |

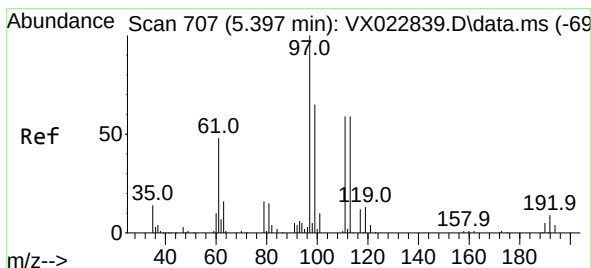
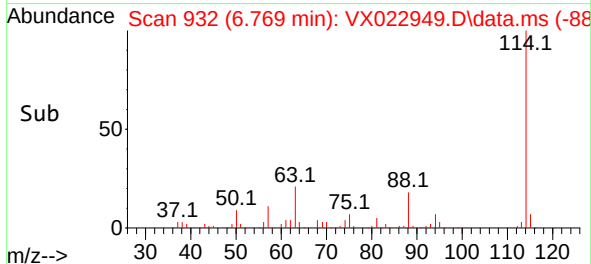
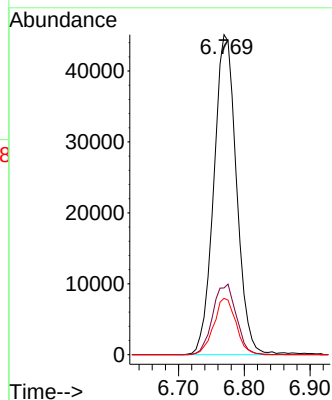
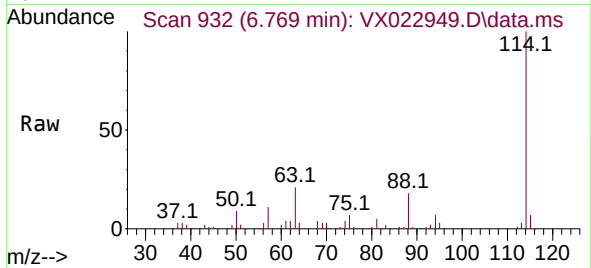




#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 6.769 min Scan# 932  
Delta R.T. 0.000 min  
Lab File: VX022949.D  
Acq: 26 Jun 2021 02:38

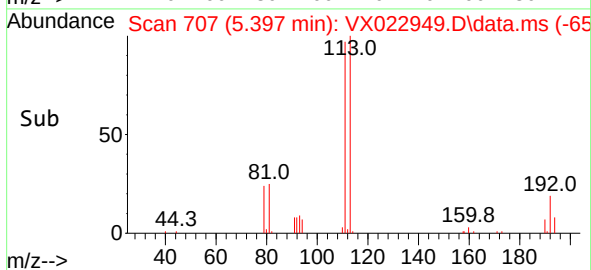
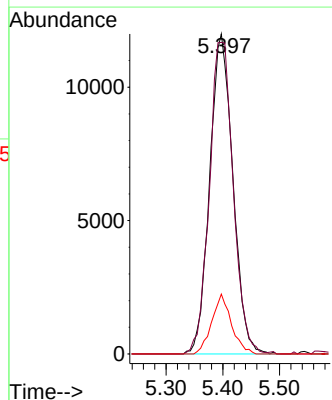
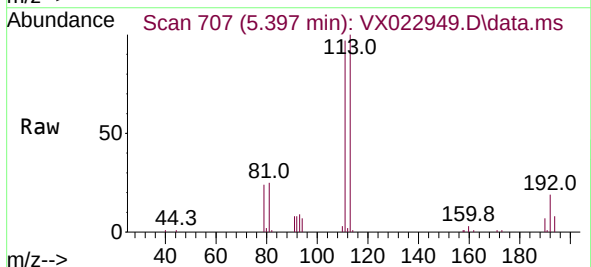
Instrument :  
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ClientSampleId :  
PB137293ZHE#05

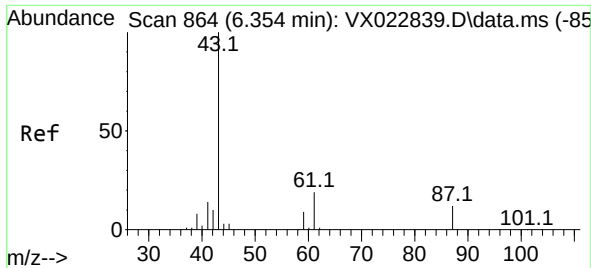
Tgt Ion:114 Resp: 108325  
Ion Ratio Lower Upper  
114 100  
63 20.9 0.0 40.8  
88 17.6 0.0 32.8



#35  
Dibromofluoromethane  
Concen: 49.534 ug/l  
RT: 5.397 min Scan# 707  
Delta R.T. 0.000 min  
Lab File: VX022949.D  
Acq: 26 Jun 2021 02:38

Tgt Ion:113 Resp: 34074  
Ion Ratio Lower Upper  
113 100  
111 100.5 81.9 122.9  
192 15.8 16.7 25.1#

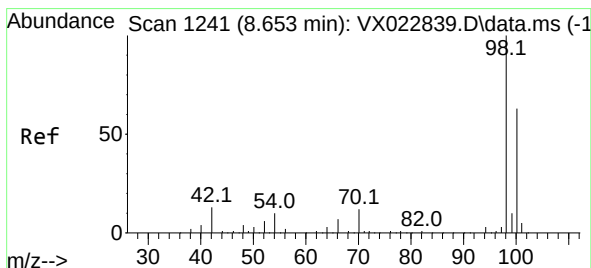
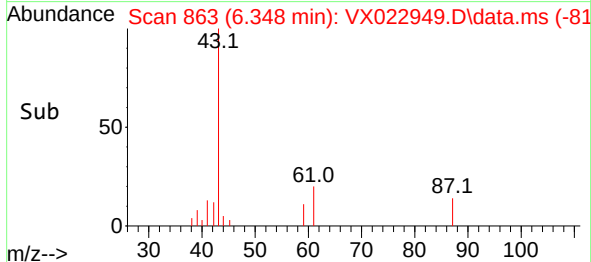
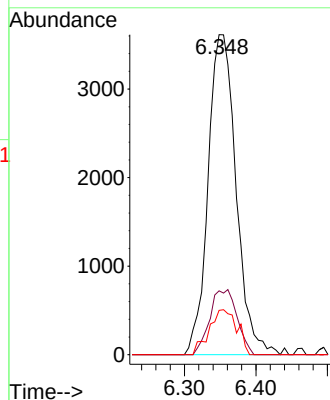
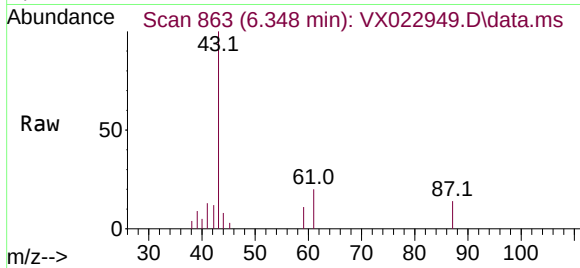




#43  
Isopropyl Acetate  
Concen: 4.590 ug/l  
RT: 6.348 min Scan# 863  
Delta R.T. -0.006 min  
Lab File: VX022949.D  
Acq: 26 Jun 2021 02:38

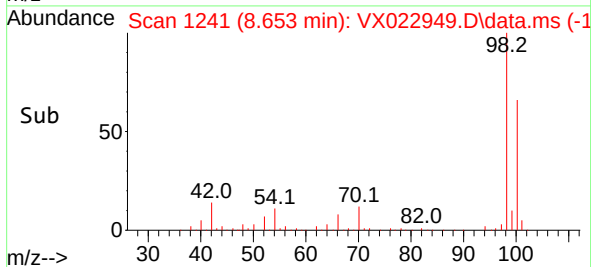
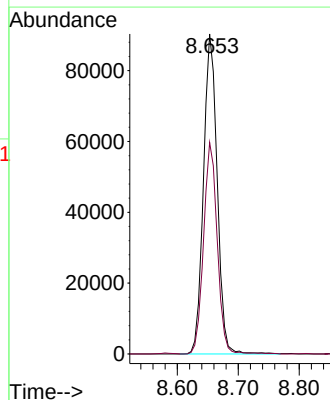
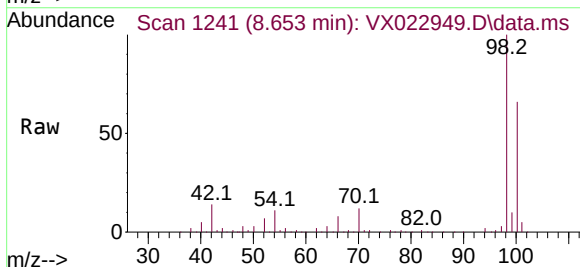
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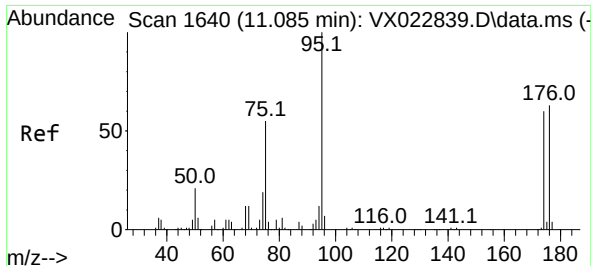
|             |             |
|-------------|-------------|
| Tgt Ion: 43 | Resp: 9836  |
| Ion Ratio   | Lower Upper |
| 43 100      |             |
| 61 19.8     | 18.2 27.4   |
| 87 14.0     | 12.5 18.7   |



#50  
Toluene-d8  
Concen: 52.466 ug/l  
RT: 8.653 min Scan# 1241  
Delta R.T. -0.000 min  
Lab File: VX022949.D  
Acq: 26 Jun 2021 02:38

|             |              |
|-------------|--------------|
| Tgt Ion: 98 | Resp: 141447 |
| Ion Ratio   | Lower Upper  |
| 98 100      |              |
| 100 66.0    | 51.9 77.9    |

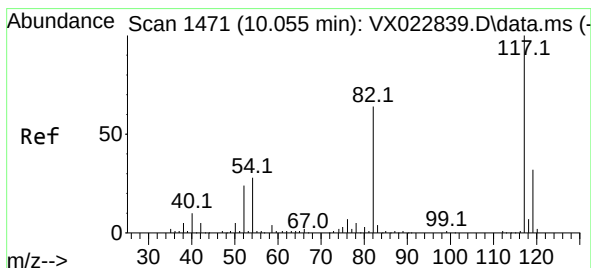
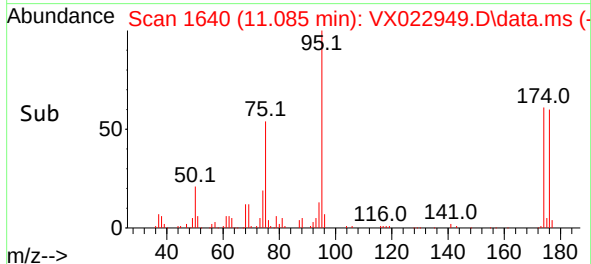
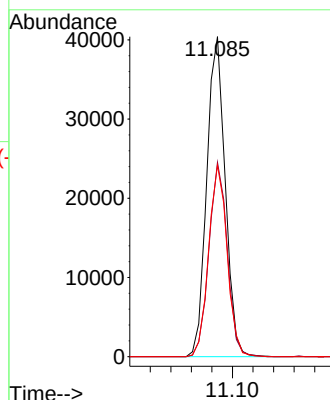
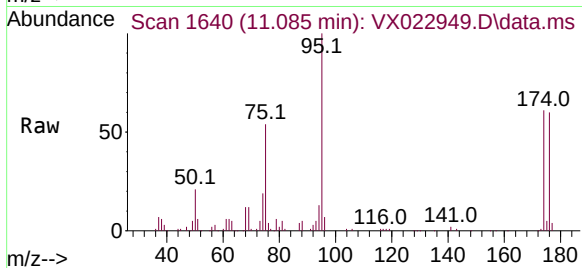




#62  
4-Bromofluorobenzene  
Concen: 50.122 ug/l  
RT: 11.085 min Scan# 1640  
Delta R.T. 0.000 min  
Lab File: VX022949.D  
Acq: 26 Jun 2021 02:38

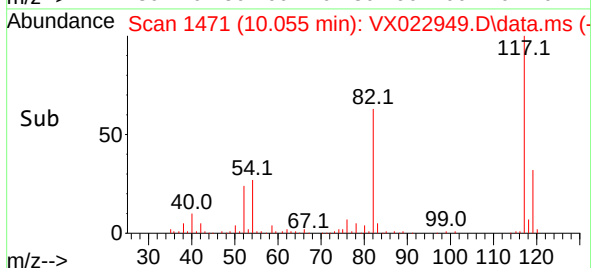
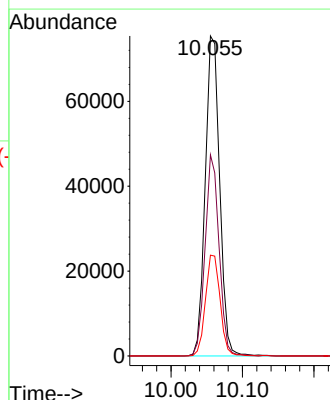
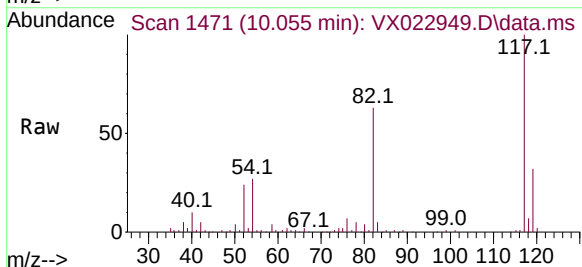
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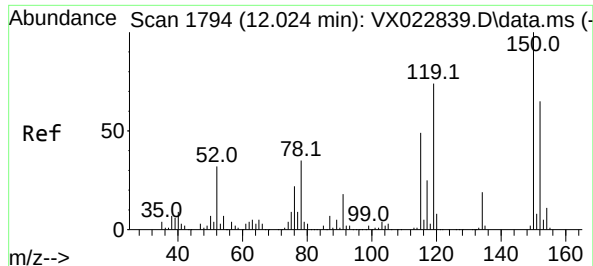
Tgt Ion: 95 Resp: 50431  
Ion Ratio Lower Upper  
95 100  
174 60.3 0.0 154.6  
176 59.9 0.0 155.8



#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.055 min Scan# 1471  
Delta R.T. 0.000 min  
Lab File: VX022949.D  
Acq: 26 Jun 2021 02:38

Tgt Ion: 117 Resp: 105985  
Ion Ratio Lower Upper  
117 100  
82 62.8 47.4 71.2  
119 31.5 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: VX022949.D  
 Acq: 26 Jun 2021 02:38

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 PB137293ZHE#05

Tgt Ion:152 Resp: 42521  
 Ion Ratio Lower Upper  
 152 100  
 115 67.8 41.1 123.3  
 150 154.9 0.0 349.0

