

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX060722\  
 Data File : VX029310.D  
 Acq On : 08 Jun 2022 05:46  
 Operator : JC/MD  
 Sample : N3194-05  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 40 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 TP-3

Quant Time: Jun 08 09:21:17 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X060722W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Jun 08 03:00:38 2022  
 Response via : Initial Calibration

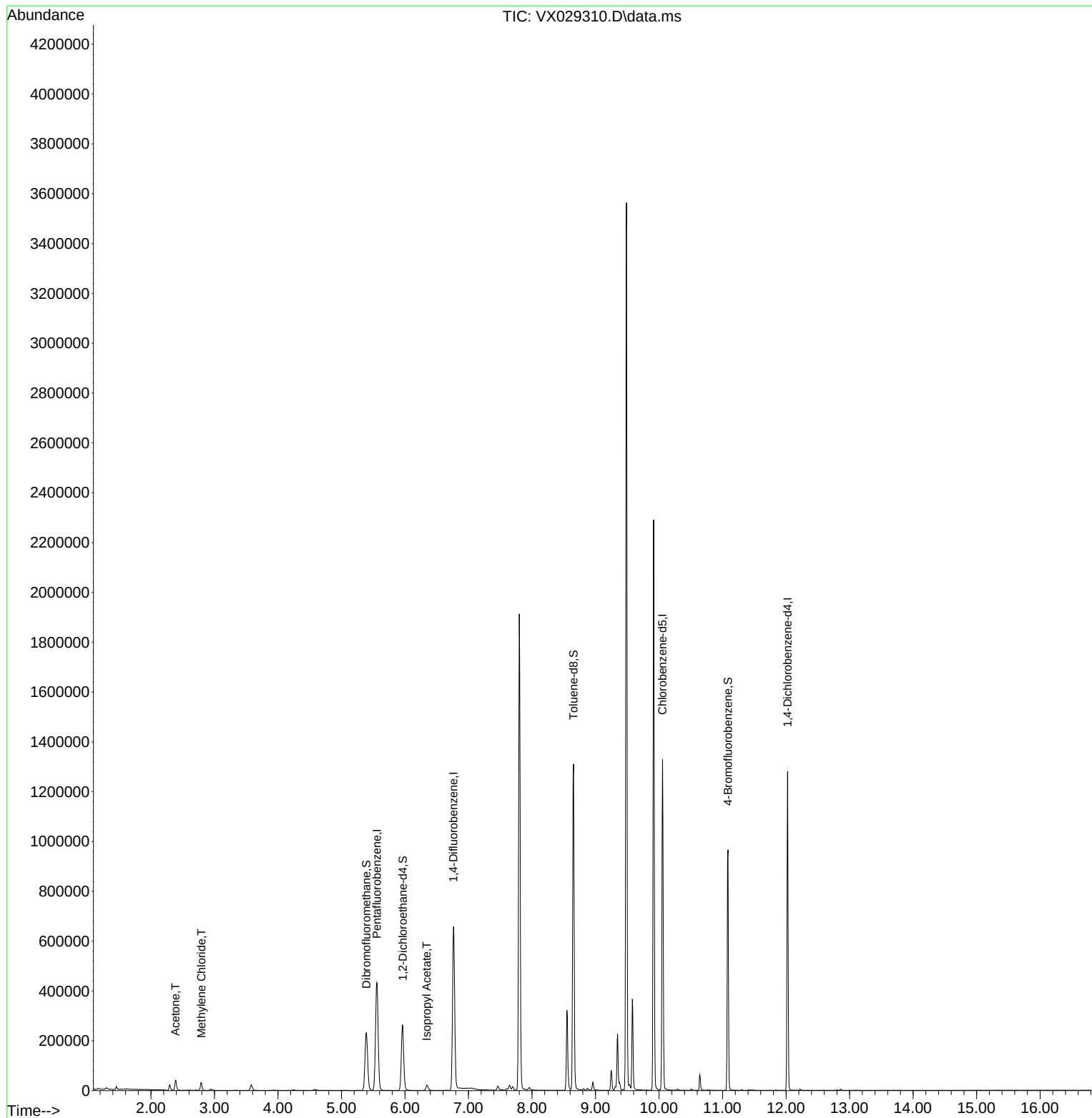
| Compound                    | R.T.   | QIon  | Response | Conc     | Units | Dev(Min) |
|-----------------------------|--------|-------|----------|----------|-------|----------|
| -----                       |        |       |          |          |       |          |
| Internal Standards          |        |       |          |          |       |          |
| 1) Pentafluorobenzene       | 5.556  | 168   | 403732   | 50.000   | ug/l  | # 0.00   |
| 34) 1,4-Difluorobenzene     | 6.763  | 114   | 675429   | 50.000   | ug/l  | 0.00     |
| 63) Chlorobenzene-d5        | 10.055 | 117   | 601438   | 50.000   | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 12.024 | 152   | 253052   | 50.000   | ug/l  | 0.00     |
| System Monitoring Compounds |        |       |          |          |       |          |
| 33) 1,2-Dichloroethane-d4   | 5.964  | 65    | 254941   | 41.173   | ug/l  | 0.00     |
| Spiked Amount               | 50.000 | Range | 61 - 141 | Recovery | =     | 82.340%  |
| 35) Dibromofluoromethane    | 5.391  | 113   | 206178   | 35.906   | ug/l  | 0.00     |
| Spiked Amount               | 50.000 | Range | 69 - 133 | Recovery | =     | 71.820%  |
| 50) Toluene-d8              | 8.653  | 98    | 788930   | 38.848   | ug/l  | 0.00     |
| Spiked Amount               | 50.000 | Range | 65 - 126 | Recovery | =     | 77.700%  |
| 62) 4-Bromofluorobenzene    | 11.085 | 95    | 277388   | 34.903   | ug/l  | 0.00     |
| Spiked Amount               | 50.000 | Range | 58 - 135 | Recovery | =     | 69.800%  |
| Target Compounds            |        |       |          |          |       |          |
|                             |        |       |          |          |       | Qvalue   |
| 16) Acetone                 | 2.385  | 43    | 47810    | 14.638   | ug/l  | 97       |
| 20) Methylene Chloride      | 2.794  | 84    | 14804    | 2.030    | ug/l  | 96       |
| 43) Isopropyl Acetate       | 6.342  | 43    | 29026    | 1.973    | ug/l  | 98       |
| -----                       |        |       |          |          |       |          |

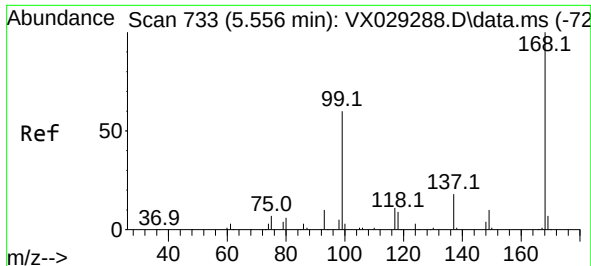
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jun 08 09:21:17 2022  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X060722W.M  
Quant Title : SW846 8260  
QLast Update : Wed Jun 08 03:00:38 2022  
Response via : Initial Calibration

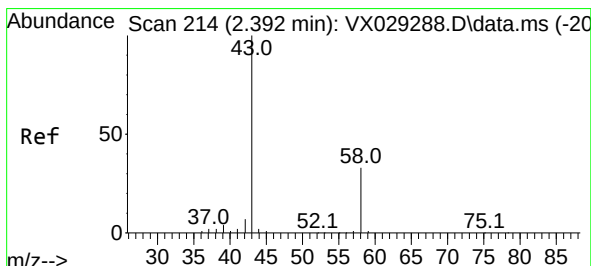
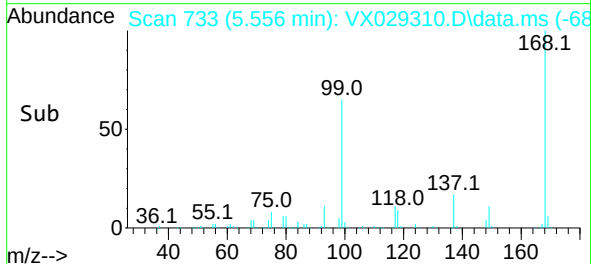
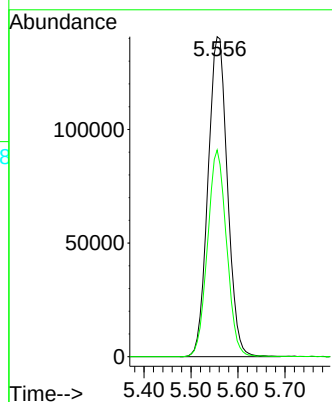
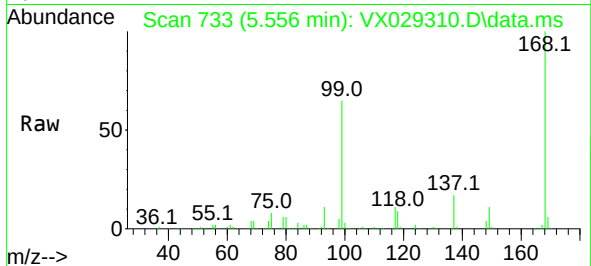




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.556 min Scan# 71  
Delta R.T. -0.000 min  
Lab File: VX029310.D  
Acq: 08 Jun 2022 05:46

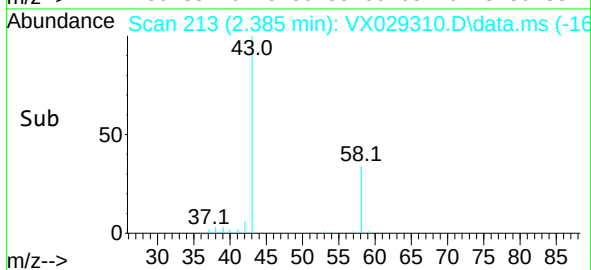
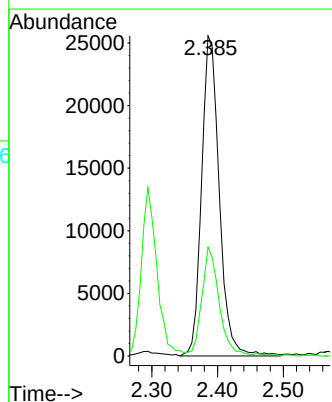
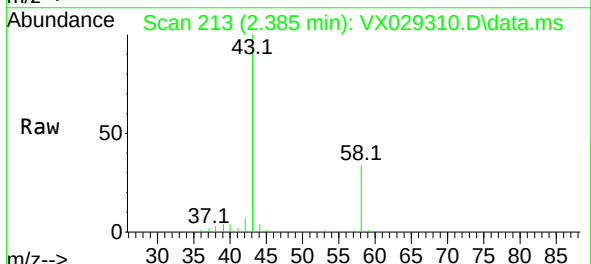
Instrument :  
MSVOA\_X  
ClientSampleId :  
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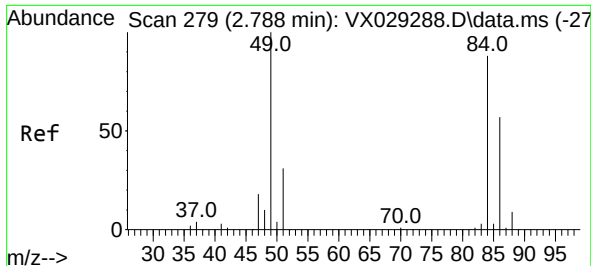
Tgt Ion:168 Resp: 403732  
Ion Ratio Lower Upper  
168 100  
99 64.6 41.7 62.5#



#16  
Acetone  
Concen: 14.638 ug/l  
RT: 2.385 min Scan# 213  
Delta R.T. -0.007 min  
Lab File: VX029310.D  
Acq: 08 Jun 2022 05:46

Tgt Ion: 43 Resp: 47810  
Ion Ratio Lower Upper  
43 100  
58 34.0 28.8 43.2

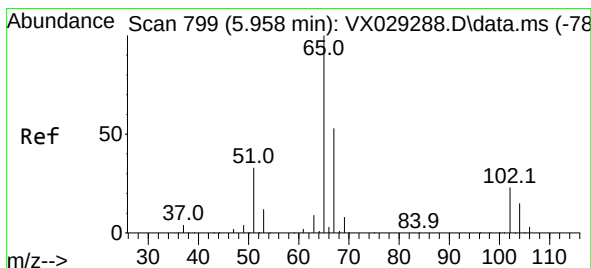
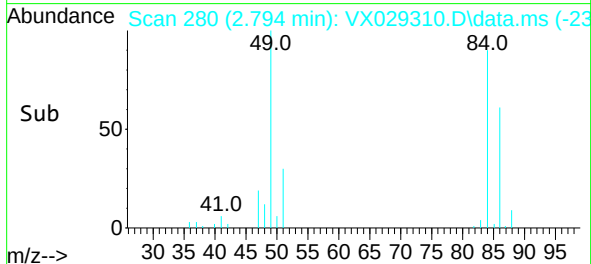
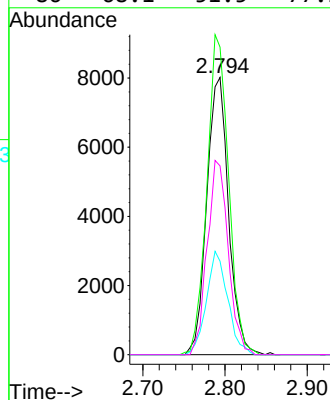
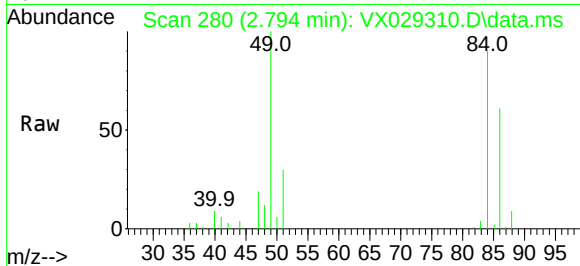




#20  
Methylene Chloride  
Concen: 2.030 ug/l  
RT: 2.794 min Scan# 21  
Delta R.T. 0.006 min  
Lab File: VX029310.D  
Acq: 08 Jun 2022 05:46

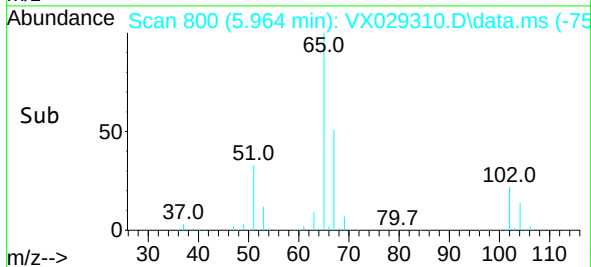
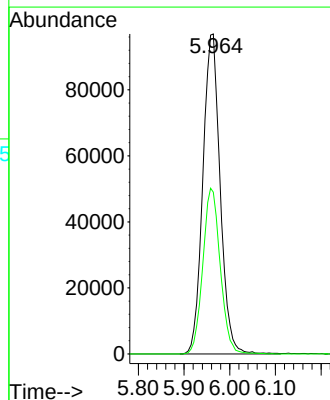
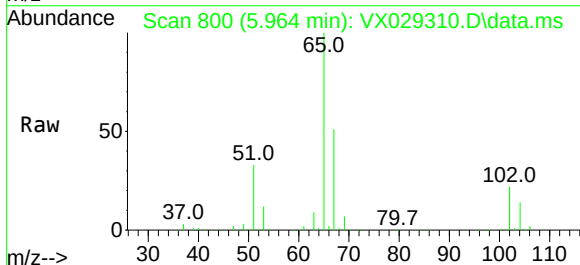
Instrument :  
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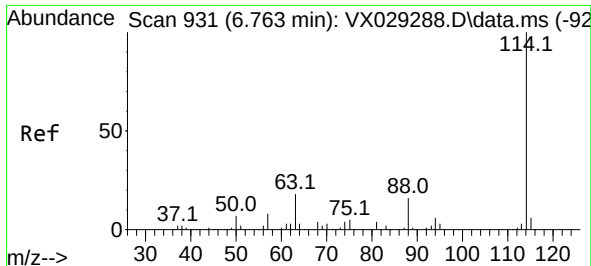
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 84    | Resp: | 14804 |
| Ion      | Ratio | Lower | Upper |
| 84       | 100   |       |       |
| 49       | 110.9 | 85.5  | 128.3 |
| 51       | 33.7  | 26.6  | 39.8  |
| 86       | 68.1  | 51.5  | 77.3  |



#33  
1,2-Dichloroethane-d4  
Concen: 41.173 ug/l  
RT: 5.964 min Scan# 800  
Delta R.T. 0.006 min  
Lab File: VX029310.D  
Acq: 08 Jun 2022 05:46

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 65    | Resp: | 254941 |
| Ion      | Ratio | Lower | Upper  |
| 65       | 100   |       |        |
| 67       | 52.1  | 0.0   | 107.4  |

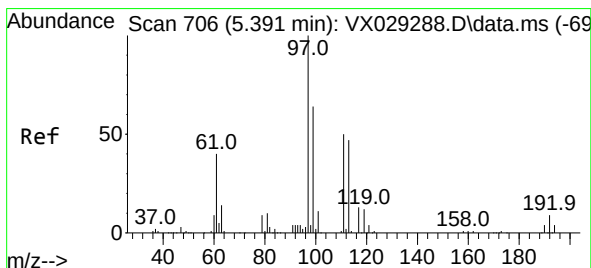
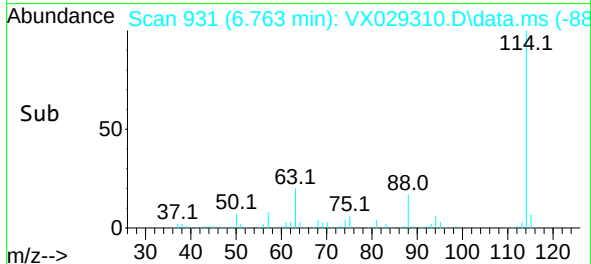
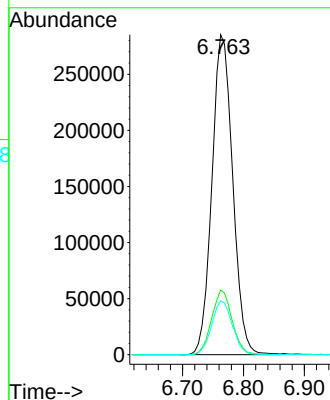
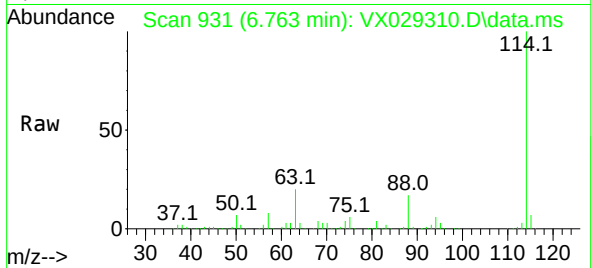




#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 6.763 min Scan# 91  
Delta R.T. -0.000 min  
Lab File: VX029310.D  
Acq: 08 Jun 2022 05:46

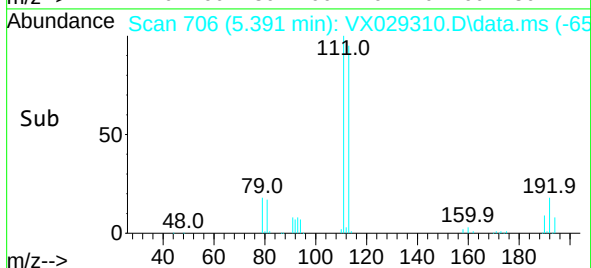
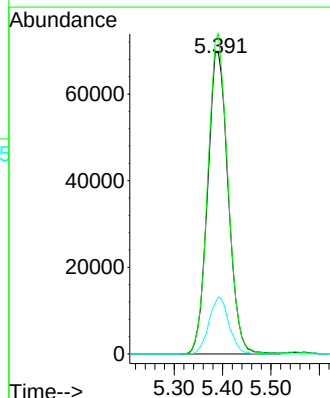
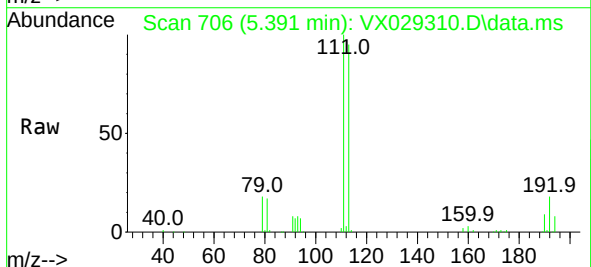
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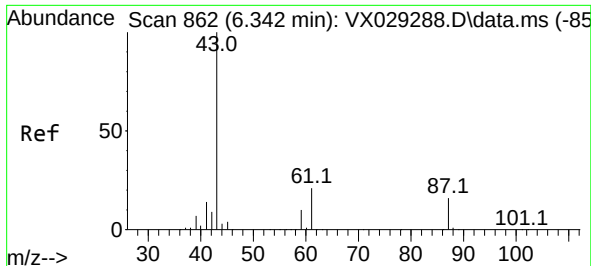
Tgt Ion:114 Resp: 675429  
Ion Ratio Lower Upper  
114 100  
63 20.2 0.0 36.8  
88 16.8 0.0 32.4



#35  
Dibromofluoromethane  
Concen: 35.906 ug/l  
RT: 5.391 min Scan# 706  
Delta R.T. -0.000 min  
Lab File: VX029310.D  
Acq: 08 Jun 2022 05:46

Tgt Ion:113 Resp: 206178  
Ion Ratio Lower Upper  
113 100  
111 103.1 82.8 124.2  
192 18.2 16.9 25.3

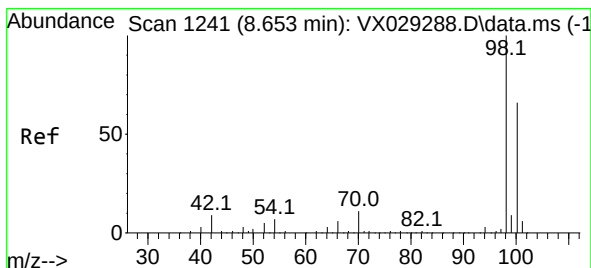
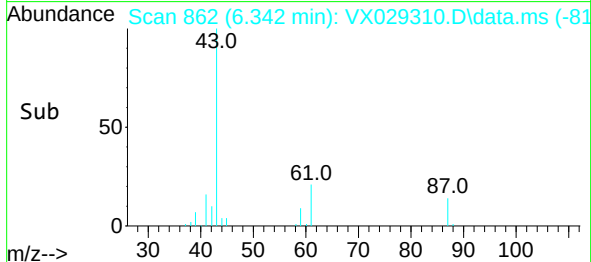
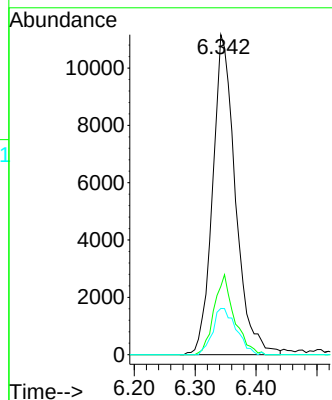
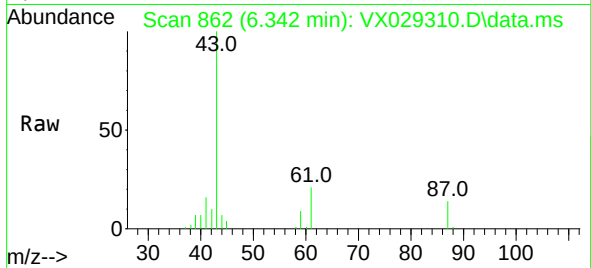




#43  
Isopropyl Acetate  
Concen: 1.973 ug/l  
RT: 6.342 min Scan# 862  
Delta R.T. -0.000 min  
Lab File: VX029310.D  
Acq: 08 Jun 2022 05:46

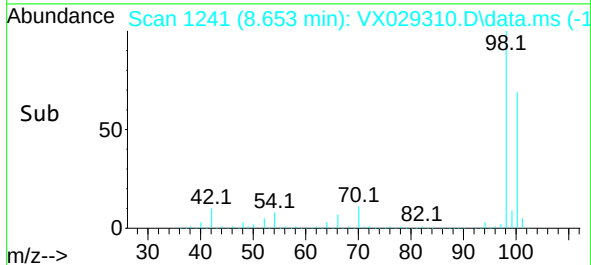
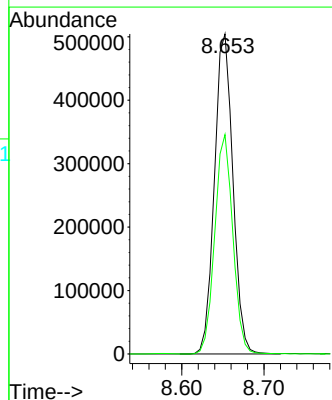
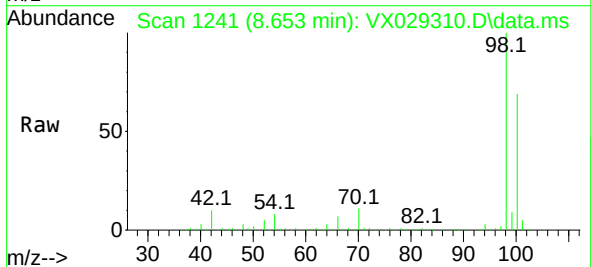
Instrument :  
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ClientSampleId :  
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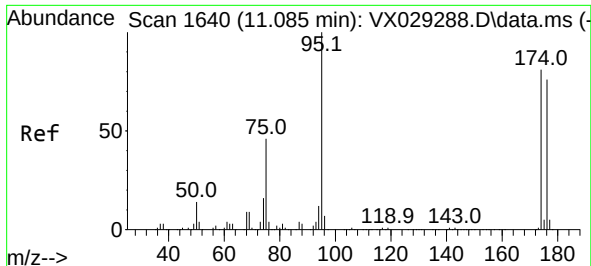
Tgt Ion: 43 Resp: 29026  
Ion Ratio Lower Upper  
43 100  
61 22.2 18.5 27.7  
87 15.0 13.0 19.6



#50  
Toluene-d8  
Concen: 38.848 ug/l  
RT: 8.653 min Scan# 1241  
Delta R.T. -0.000 min  
Lab File: VX029310.D  
Acq: 08 Jun 2022 05:46

Tgt Ion: 98 Resp: 788930  
Ion Ratio Lower Upper  
98 100  
100 67.0 52.6 78.8

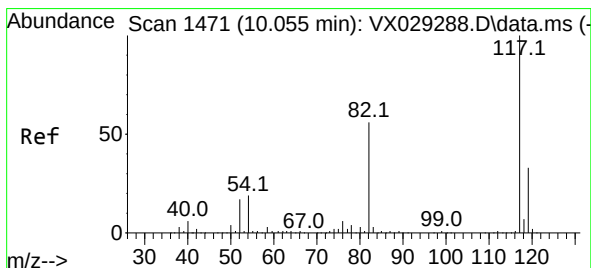
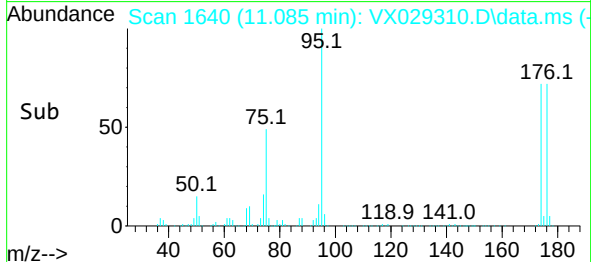
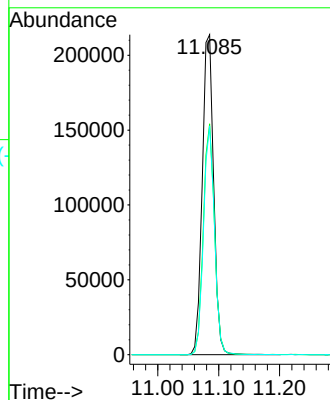
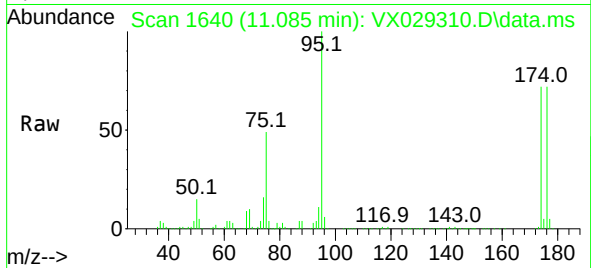




#62  
4-Bromofluorobenzene  
Concen: 34.903 ug/l  
RT: 11.085 min Scan# 1  
Delta R.T. -0.000 min  
Lab File: VX029310.D  
Acq: 08 Jun 2022 05:46

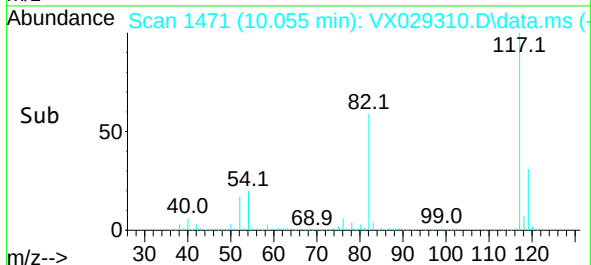
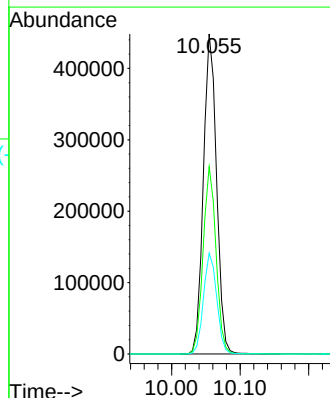
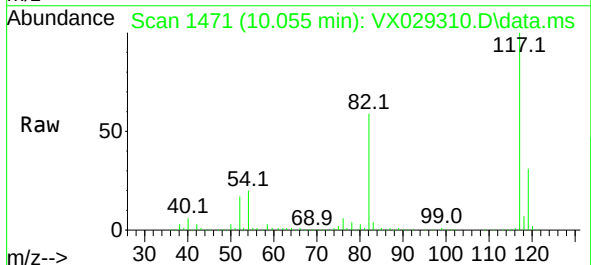
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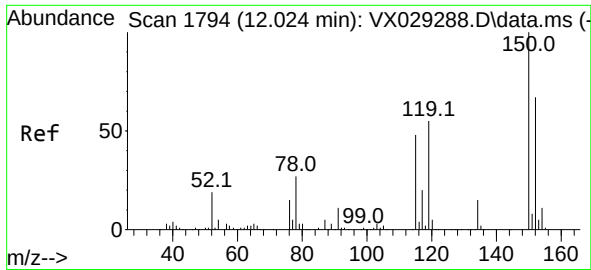
Tgt Ion: 95 Resp: 277388  
Ion Ratio Lower Upper  
95 100  
174 70.5 0.0 163.0  
176 68.8 0.0 155.0



#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.055 min Scan# 1471  
Delta R.T. -0.000 min  
Lab File: VX029310.D  
Acq: 08 Jun 2022 05:46

Tgt Ion: 117 Resp: 601438  
Ion Ratio Lower Upper  
117 100  
82 58.5 41.8 62.8  
119 31.5 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: VX029310.D

Acq: 08 Jun 2022 05:46

Instrument :

MSVOA\_X

ClientSampleId :

TP-3

Tgt Ion:152 Resp: 253052

Ion Ratio Lower Upper

152 100

115 63.2 37.5 112.7

150 157.3 0.0 338.2

