

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX011522\  
 Data File : VX026466.D  
 Acq On : 14 Jan 2022 20:36  
 Operator : JC/MD  
 Sample : PB142010ZHE#05  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 PB142010ZHE#05

Quant Time: Jan 17 00:41:59 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X011122W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Jan 11 14:45:13 2022  
 Response via : Initial Calibration

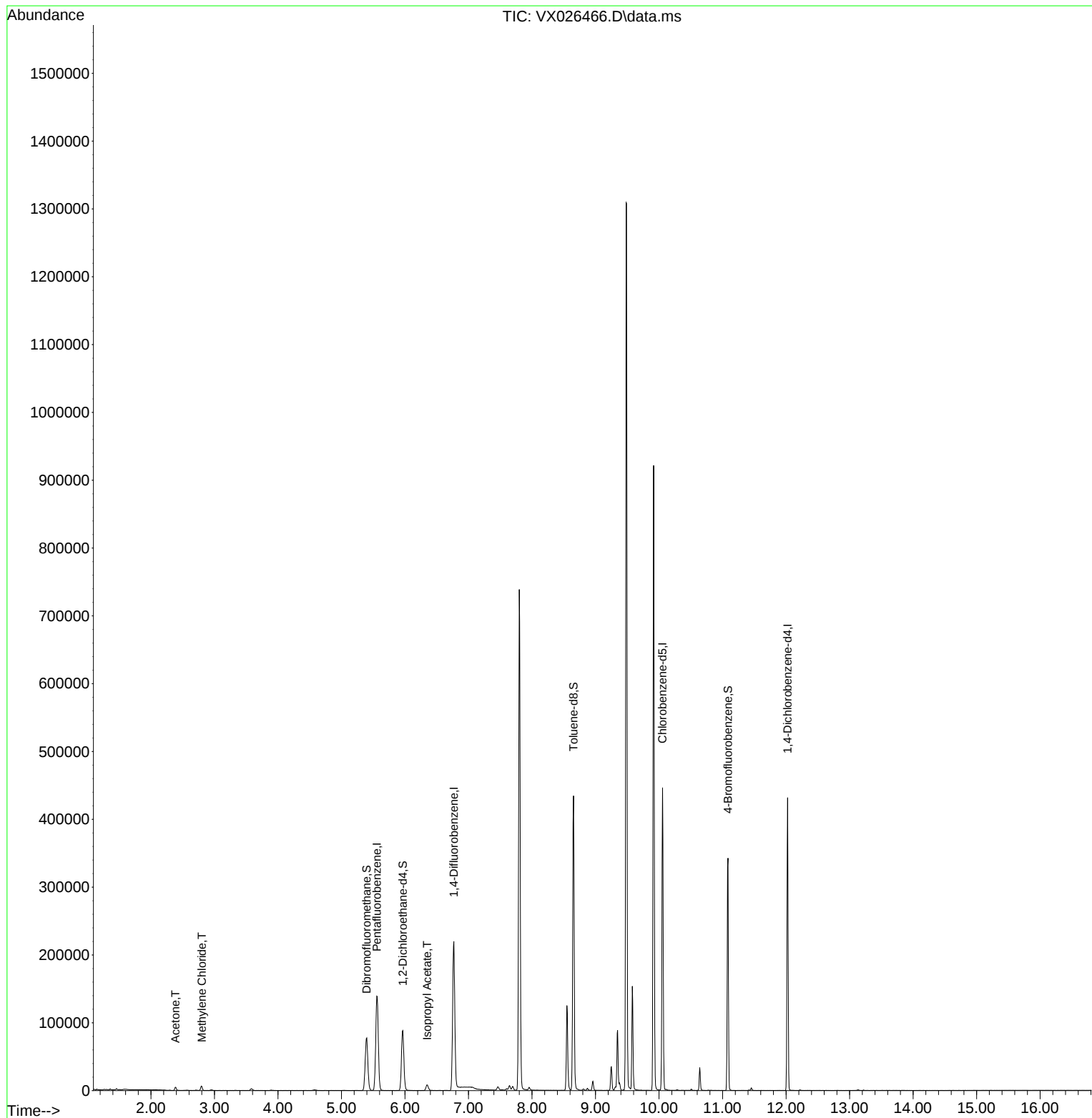
| Compound                    | R.T.           | QIon | Response   | Conc     | Units | Dev(Min) |
|-----------------------------|----------------|------|------------|----------|-------|----------|
| -----                       |                |      |            |          |       |          |
| Internal Standards          |                |      |            |          |       |          |
| 1) Pentafluorobenzene       | 5.556          | 168  | 128610     | 50.000   | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene     | 6.769          | 114  | 215625     | 50.000   | ug/l  | 0.00     |
| 63) Chlorobenzene-d5        | 10.055         | 117  | 192992     | 50.000   | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 12.024         | 152  | 83167      | 50.000   | ug/l  | 0.00     |
|                             |                |      |            |          |       |          |
| System Monitoring Compounds |                |      |            |          |       |          |
| 33) 1,2-Dichloroethane-d4   | 5.964          | 65   | 88646      | 49.341   | ug/l  | 0.00     |
| Spiked Amount 50.000        | Range 78 - 117 |      | Recovery = | 98.680%  |       |          |
| 35) Dibromofluoromethane    | 5.397          | 113  | 68536      | 49.220   | ug/l  | 0.00     |
| Spiked Amount 50.000        | Range 75 - 124 |      | Recovery = | 98.440%  |       |          |
| 50) Toluene-d8              | 8.653          | 98   | 252923     | 50.406   | ug/l  | 0.00     |
| Spiked Amount 50.000        | Range 92 - 112 |      | Recovery = | 100.820% |       |          |
| 62) 4-Bromofluorobenzene    | 11.085         | 95   | 94399      | 52.959   | ug/l  | 0.00     |
| Spiked Amount 50.000        | Range 83 - 123 |      | Recovery = | 105.920% |       |          |
|                             |                |      |            |          |       |          |
| Target Compounds            |                |      |            |          |       |          |
| 16) Acetone                 | 2.386          | 43   | 5516       | 6.021    | ug/l  | 98       |
| 20) Methylene Chloride      | 2.800          | 84   | 2897       | 1.914    | ug/l  | 97       |
| 43) Isopropyl Acetate       | 6.348          | 43   | 12126      | 3.376    | ug/l  | 99       |
| -----                       |                |      |            |          |       |          |

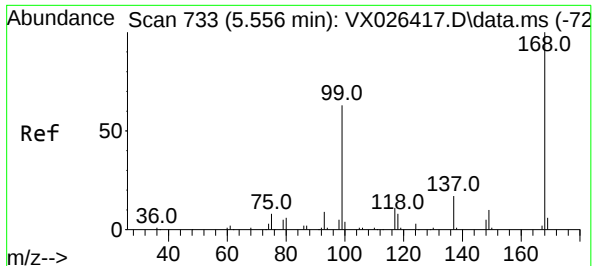
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X011122W.M  
Quant Title : SW846 8260  
QLast Update : Tue Jan 11 14:45:13 2022  
Response via : Initial Calibration

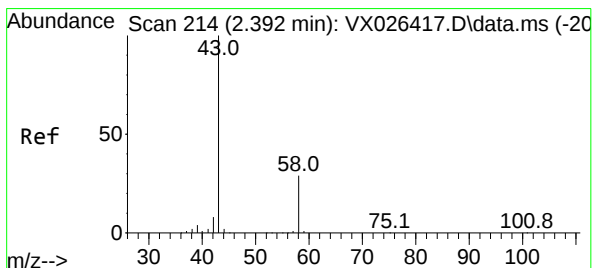
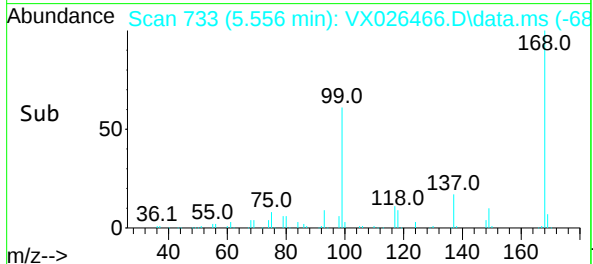
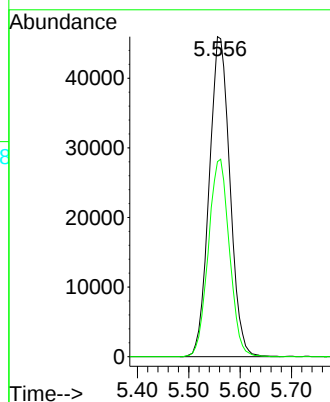
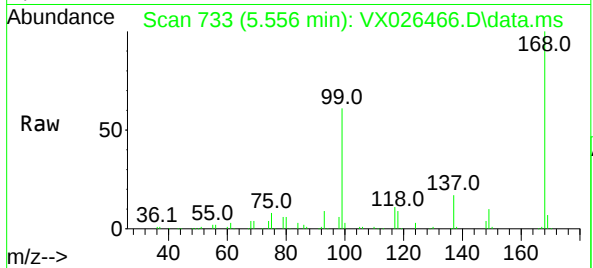




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.556 min Scan# 71  
Delta R.T. -0.000 min  
Lab File: VX026466.D  
Acq: 14 Jan 2022 20:36

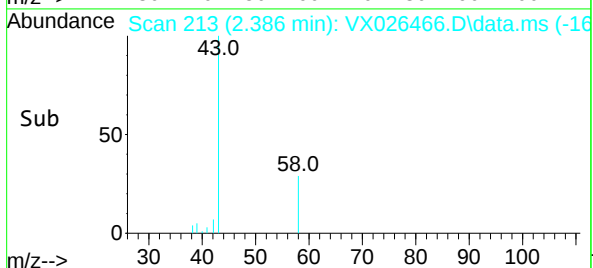
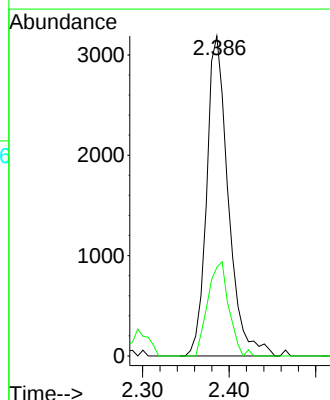
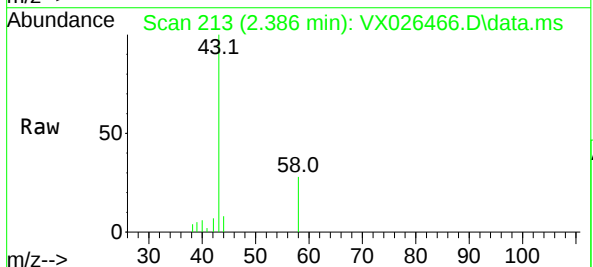
Instrument :  
MSVOA\_X  
ClientSampleId :  
PB142010ZHE#05

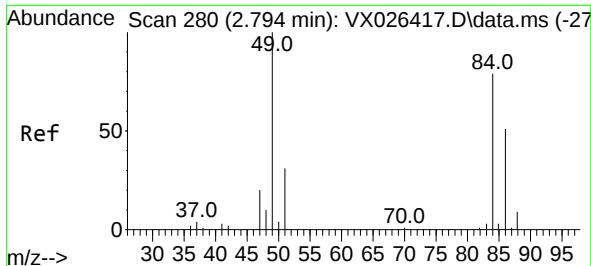
Tgt Ion:168 Resp: 128610  
Ion Ratio Lower Upper  
168 100  
99 61.0 50.3 75.5



#16  
Acetone  
Concen: 6.021 ug/l  
RT: 2.386 min Scan# 213  
Delta R.T. -0.006 min  
Lab File: VX026466.D  
Acq: 14 Jan 2022 20:36

Tgt Ion: 43 Resp: 5516  
Ion Ratio Lower Upper  
43 100  
58 27.7 23.0 34.6

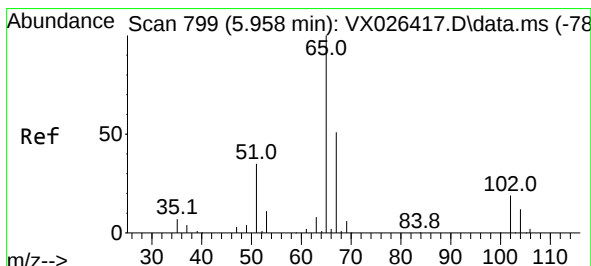
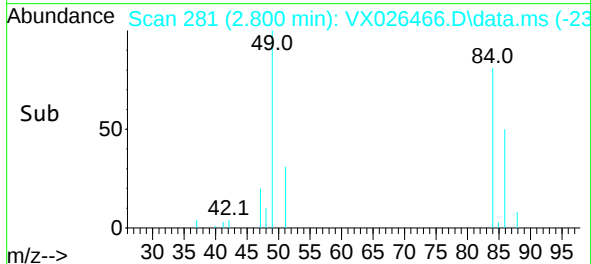
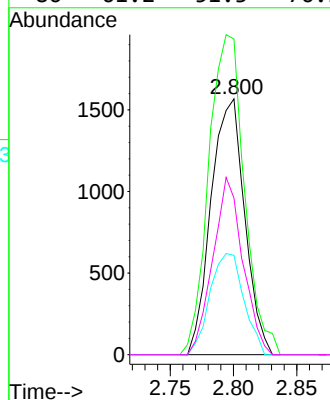
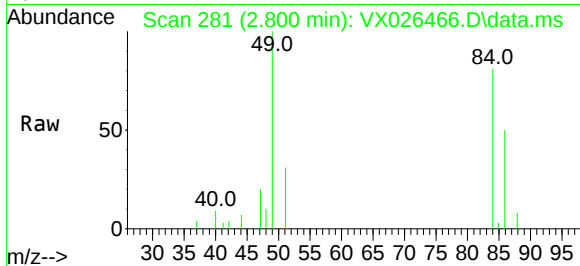




#20  
Methylene Chloride  
Concen: 1.914 ug/l  
RT: 2.800 min Scan# 21  
Delta R.T. 0.006 min  
Lab File: VX026466.D  
Acq: 14 Jan 2022 20:36

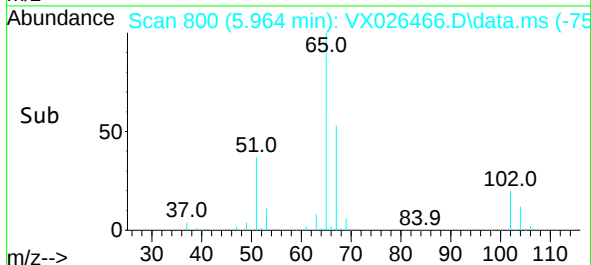
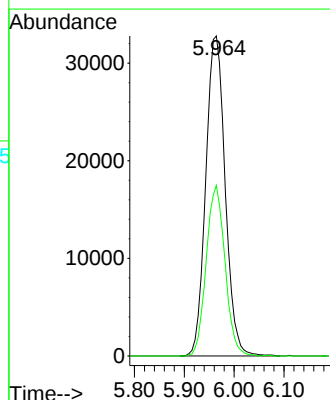
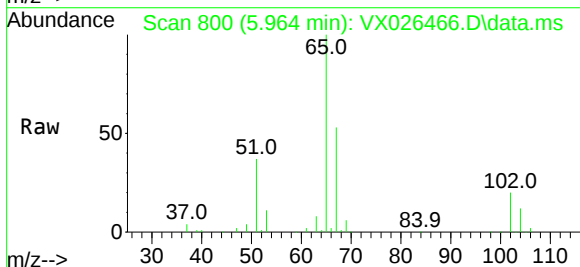
Instrument :  
MSVOA\_X  
ClientSampleId :  
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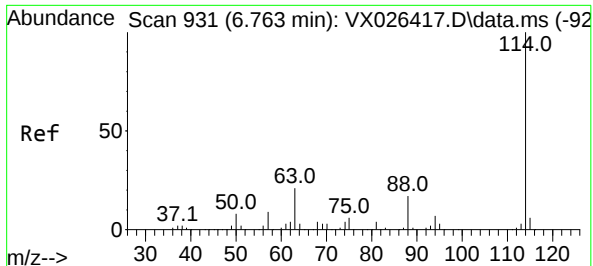
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 84    | Resp: | 2897  |
| Ion      | Ratio | Lower | Upper |
| 84       | 100   |       |       |
| 49       | 123.4 | 101.5 | 152.3 |
| 51       | 38.8  | 31.2  | 46.8  |
| 86       | 61.2  | 51.3  | 76.9  |



#33  
1,2-Dichloroethane-d4  
Concen: 49.341 ug/l  
RT: 5.964 min Scan# 800  
Delta R.T. 0.006 min  
Lab File: VX026466.D  
Acq: 14 Jan 2022 20:36

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 65    | Resp: | 88646 |
| Ion      | Ratio | Lower | Upper |
| 65       | 100   |       |       |
| 67       | 51.5  | 0.0   | 100.8 |

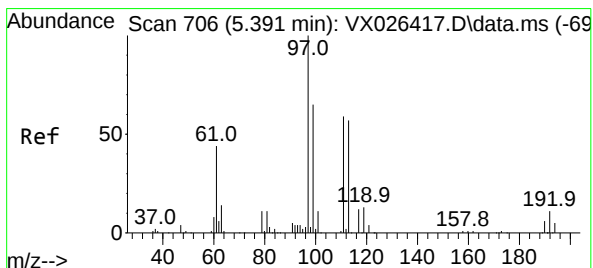
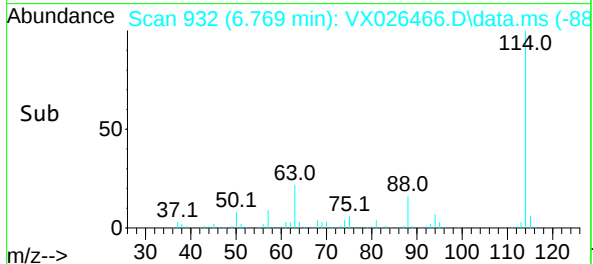
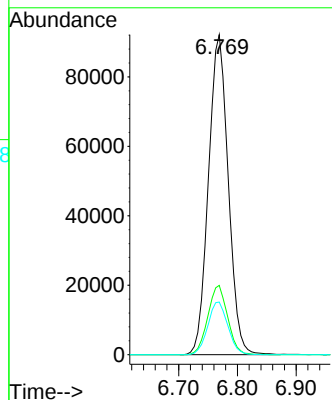
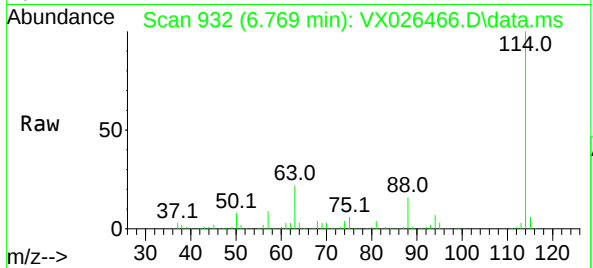




#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 6.769 min Scan# 91  
Delta R.T. 0.006 min  
Lab File: VX026466.D  
Acq: 14 Jan 2022 20:36

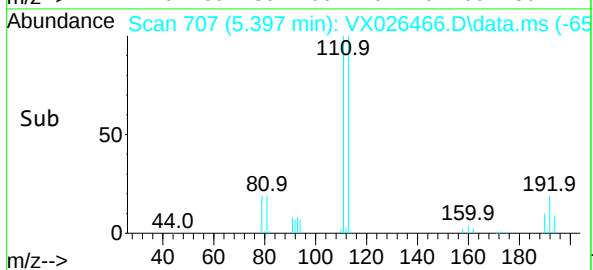
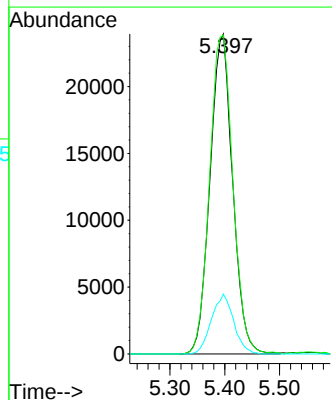
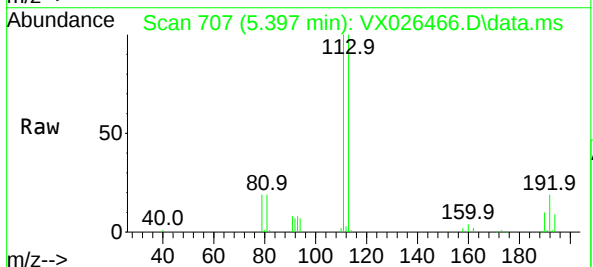
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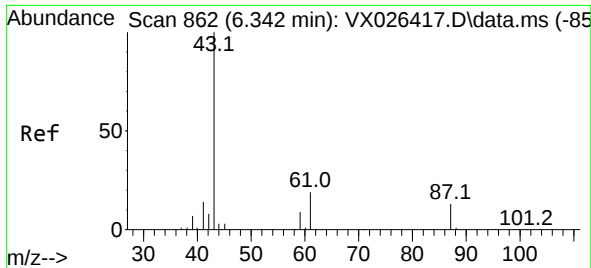
Tgt Ion:114 Resp: 215625  
Ion Ratio Lower Upper  
114 100  
63 21.7 0.0 42.8  
88 16.5 0.0 33.0



#35  
Dibromofluoromethane  
Concen: 49.220 ug/l  
RT: 5.397 min Scan# 707  
Delta R.T. 0.006 min  
Lab File: VX026466.D  
Acq: 14 Jan 2022 20:36

Tgt Ion:113 Resp: 68536  
Ion Ratio Lower Upper  
113 100  
111 102.8 81.2 121.8  
192 18.4 15.0 22.4

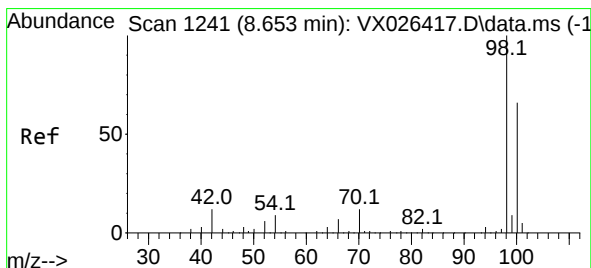
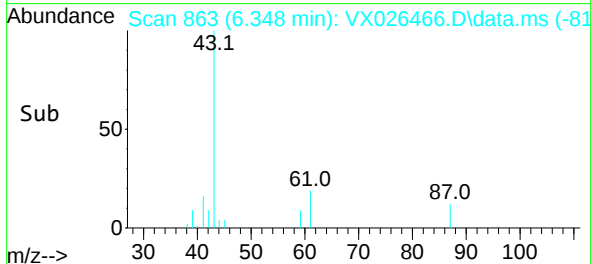
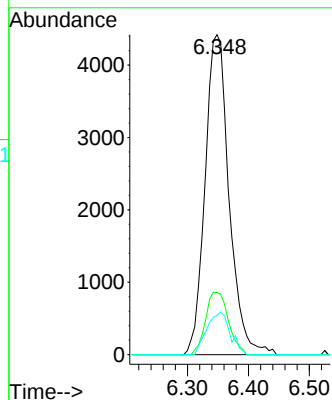
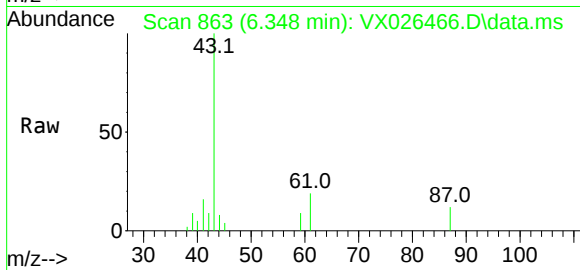




#43  
Isopropyl Acetate  
Concen: 3.376 ug/l  
RT: 6.348 min Scan# 863  
Delta R.T. 0.006 min  
Lab File: VX026466.D  
Acq: 14 Jan 2022 20:36

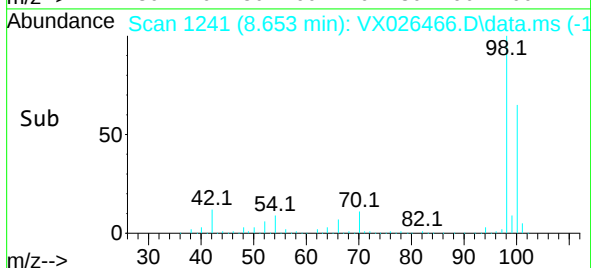
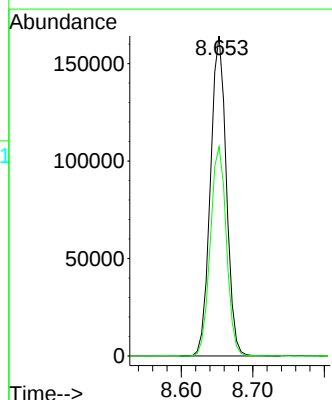
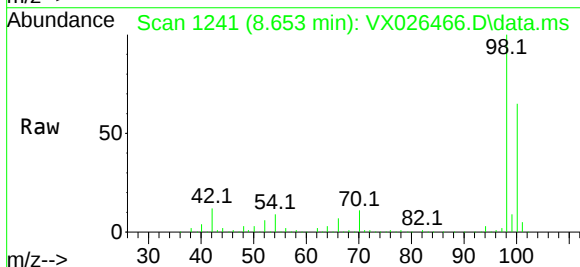
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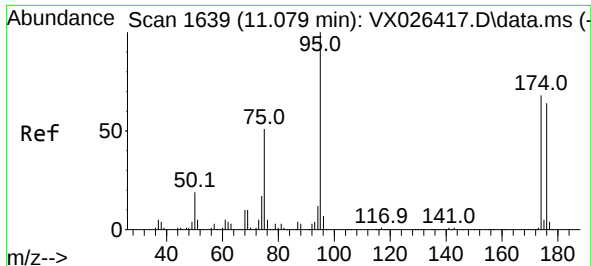
Tgt Ion: 43 Resp: 12126  
Ion Ratio Lower Upper  
43 100  
61 18.5 15.4 23.0  
87 12.8 10.2 15.2



#50  
Toluene-d8  
Concen: 50.406 ug/l  
RT: 8.653 min Scan# 1241  
Delta R.T. 0.000 min  
Lab File: VX026466.D  
Acq: 14 Jan 2022 20:36

Tgt Ion: 98 Resp: 252923  
Ion Ratio Lower Upper  
98 100  
100 66.1 53.2 79.8

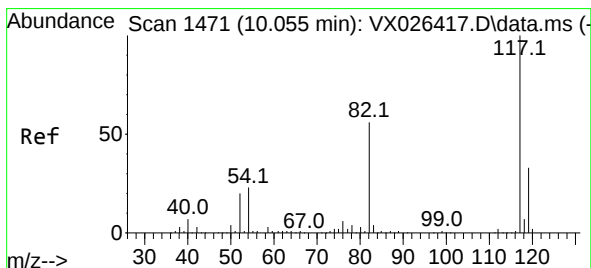
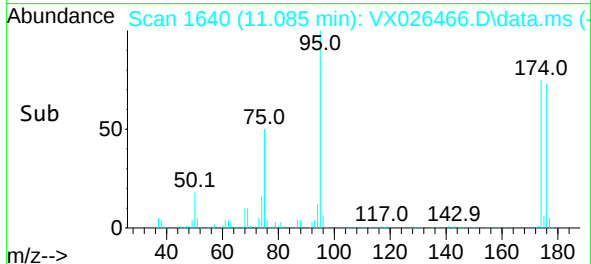
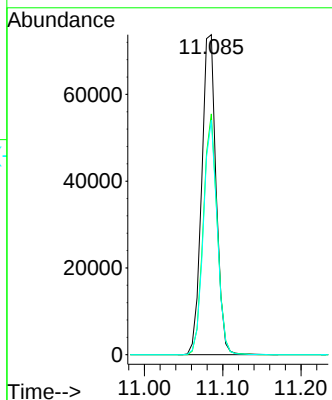
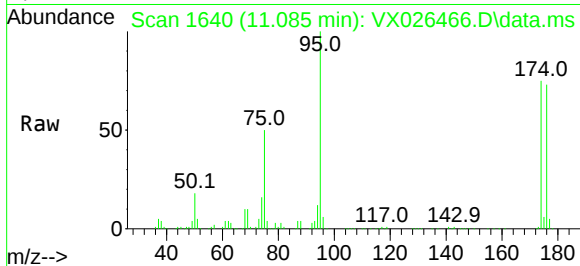




#62  
4-Bromofluorobenzene  
Concen: 52.959 ug/l  
RT: 11.085 min Scan# 1  
Delta R.T. 0.006 min  
Lab File: VX026466.D  
Acq: 14 Jan 2022 20:36

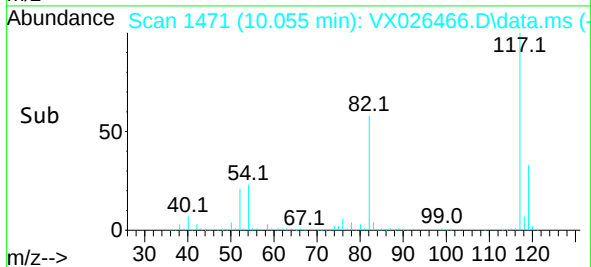
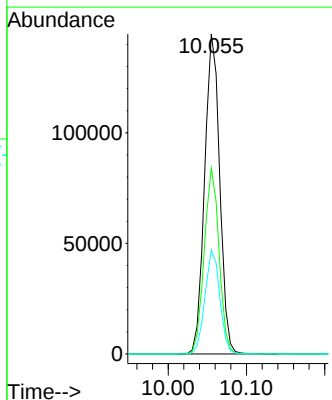
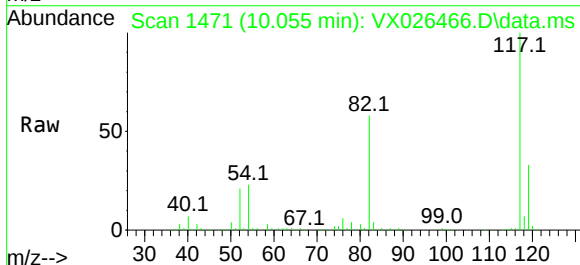
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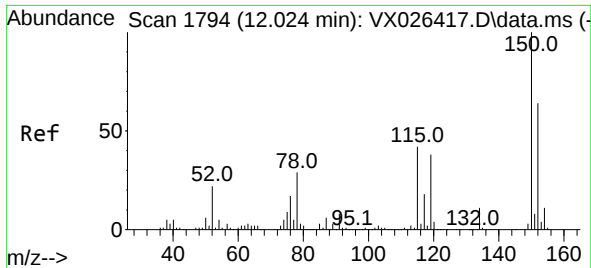
Tgt Ion: 95 Resp: 94399  
Ion Ratio Lower Upper  
95 100  
174 71.9 0.0 148.6  
176 70.1 0.0 141.4



#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.055 min Scan# 1471  
Delta R.T. 0.000 min  
Lab File: VX026466.D  
Acq: 14 Jan 2022 20:36

Tgt Ion: 117 Resp: 192992  
Ion Ratio Lower Upper  
117 100  
82 58.1 45.2 67.8  
119 32.5 26.2 39.2





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX026466.D

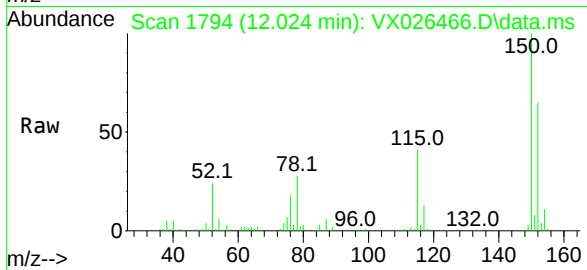
Acq: 14 Jan 2022 20:36

Instrument :

MSVOA\_X

ClientSampleId :

PB142010ZHE#05



Tgt Ion:152 Resp: 83167

Ion Ratio Lower Upper

152 100

115 62.5 44.2 132.6

150 157.2 0.0 348.2

