

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX100421\  
 Data File : VX024552.D  
 Acq On : 05 Oct 2021 04:52  
 Operator : JC/MD  
 Sample : M4047-02  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 46 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 149-ENV-1-GRAB

Quant Time: Oct 05 08:35:26 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X092321W.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Sep 23 18:24:34 2021  
 Response via : Initial Calibration

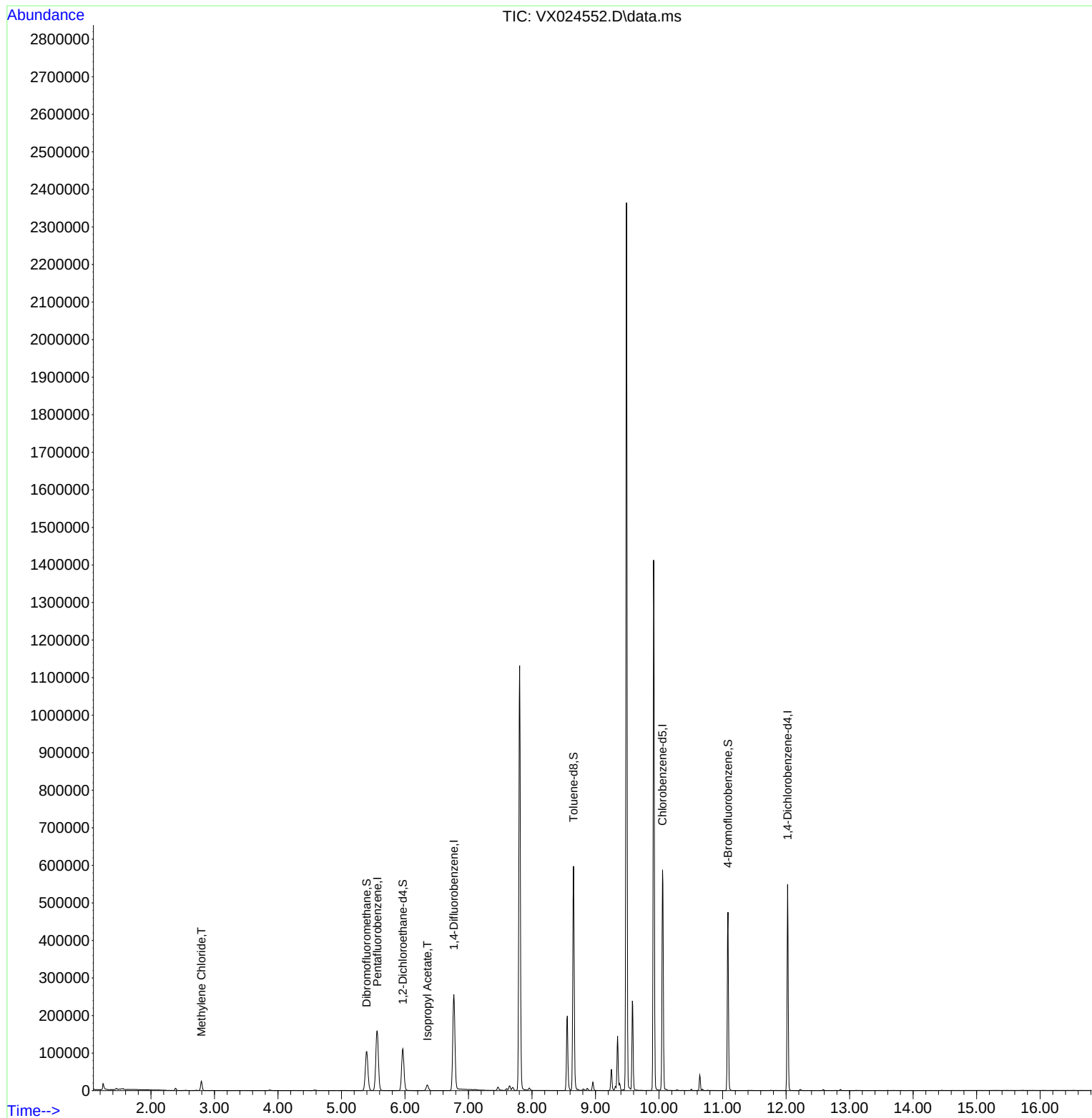
| Compound                    | R.T.   | QIon  | Response | Conc     | Units     | Dev(Min) |
|-----------------------------|--------|-------|----------|----------|-----------|----------|
| -----                       |        |       |          |          |           |          |
| Internal Standards          |        |       |          |          |           |          |
| 1) Pentafluorobenzene       | 5.562  | 168   | 152263   | 50.00    | ug/l      | 0.00     |
| 34) 1,4-Difluorobenzene     | 6.769  | 114   | 256563   | 50.00    | ug/l      | 0.00     |
| 63) Chlorobenzene-d5        | 10.055 | 117   | 275015   | 50.00    | ug/l      | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 12.024 | 152   | 108955   | 50.00    | ug/l      | 0.00     |
| System Monitoring Compounds |        |       |          |          |           |          |
| 33) 1,2-Dichloroethane-d4   | 5.964  | 65    | 111427   | 51.92    | ug/l      | 0.00     |
| Spiked Amount               | 50.000 | Range | 78 - 117 | Recovery | = 103.84% |          |
| 35) Dibromofluoromethane    | 5.397  | 113   | 91475    | 53.67    | ug/l      | 0.00     |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | = 107.34% |          |
| 50) Toluene-d8              | 8.653  | 98    | 348138   | 55.50    | ug/l      | 0.00     |
| Spiked Amount               | 50.000 | Range | 92 - 112 | Recovery | = 111.00% |          |
| 62) 4-Bromofluorobenzene    | 11.085 | 95    | 122846   | 49.81    | ug/l      | 0.00     |
| Spiked Amount               | 50.000 | Range | 83 - 123 | Recovery | = 99.62%  |          |
| Target Compounds            |        |       |          |          |           |          |
|                             |        |       |          |          |           | Qvalue   |
| 20) Methylene Chloride      | 2.794  | 84    | 10736    | 5.67     | ug/l      | 92       |
| 43) Isopropyl Acetate       | 6.355  | 43    | 20255    | 4.34     | ug/l      | 93       |
| -----                       |        |       |          |          |           |          |

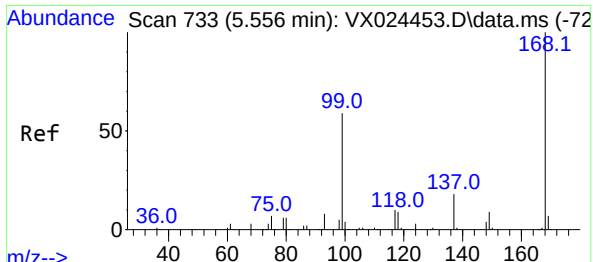
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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MSVOA\_X  
ClientSampleId :  
149-ENV-1-GRAB

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Quant Title : SW846 8260  
QLast Update : Thu Sep 23 18:24:34 2021  
Response via : Initial Calibration

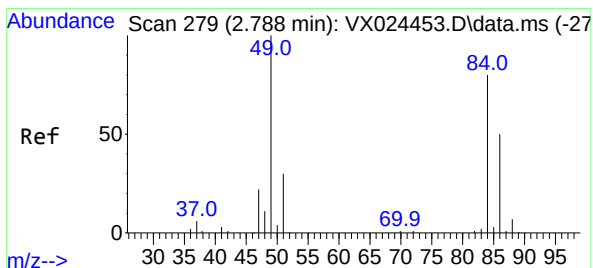
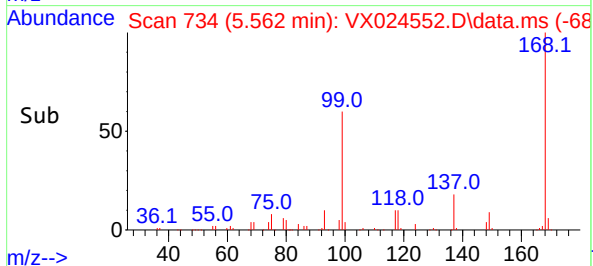
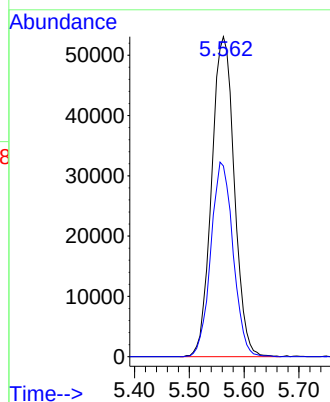
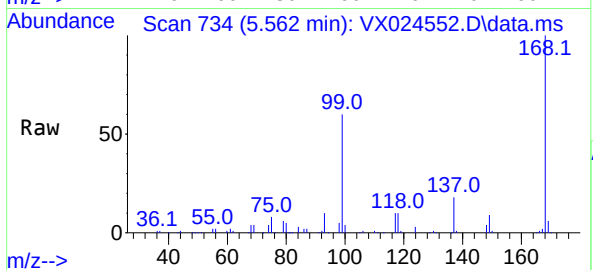




#1  
Pentafluorobenzene  
Concen: 50.00 ug/l  
RT: 5.562 min Scan# 734  
Delta R.T. 0.006 min  
Lab File: VX024552.D  
Acq: 05 Oct 2021 04:52

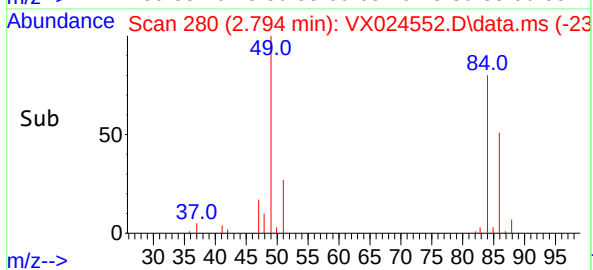
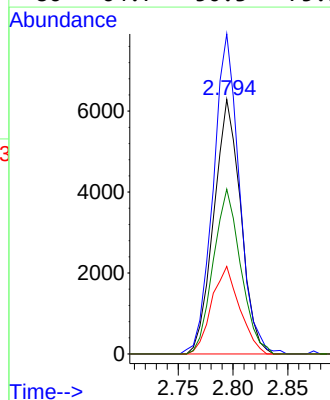
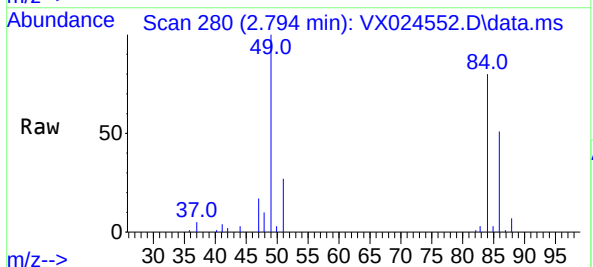
Instrument :  
MSVOA\_X  
ClientSampleId :  
149-ENV-1-GRAB

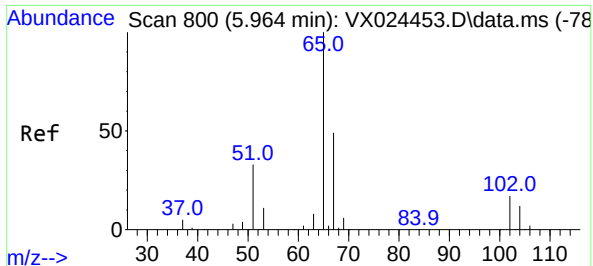
Tgt Ion:168 Resp: 152263  
Ion Ratio Lower Upper  
168 100  
99 59.6 45.8 68.6



#20  
Methylene Chloride  
Concen: 5.67 ug/l  
RT: 2.794 min Scan# 280  
Delta R.T. 0.006 min  
Lab File: VX024552.D  
Acq: 05 Oct 2021 04:52

Tgt Ion: 84 Resp: 10736  
Ion Ratio Lower Upper  
84 100  
49 125.7 88.6 132.8  
51 34.4 27.0 40.6  
86 64.7 50.3 75.5



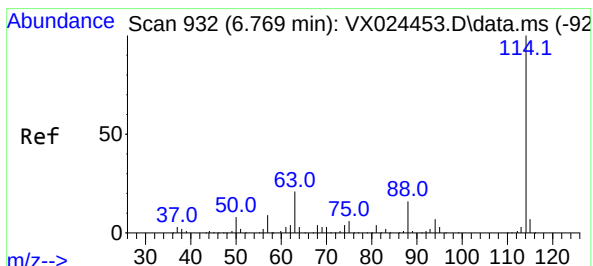
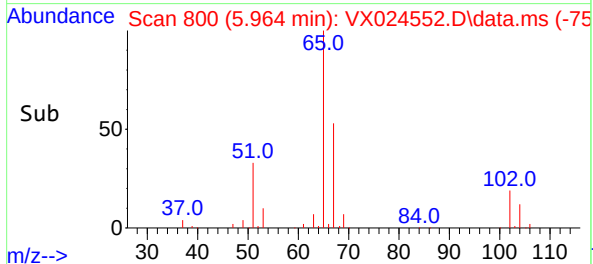
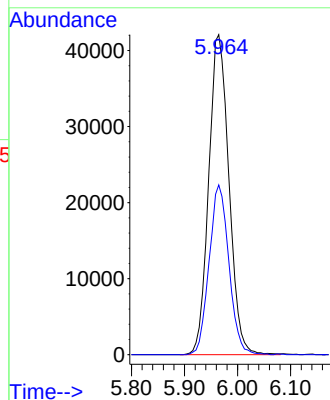
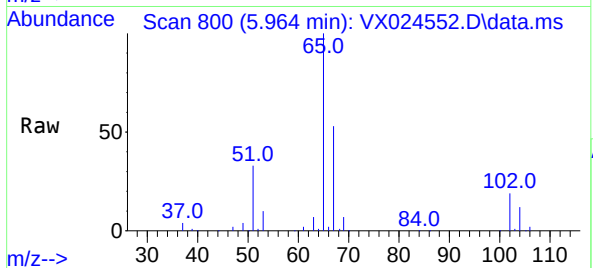


#33

1,2-Dichloroethane-d4  
Concen: 51.92 ug/l  
RT: 5.964 min Scan# 800  
Delta R.T. 0.000 min  
Lab File: VX024552.D  
Acq: 05 Oct 2021 04:52

Instrument :  
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ClientSampleId :  
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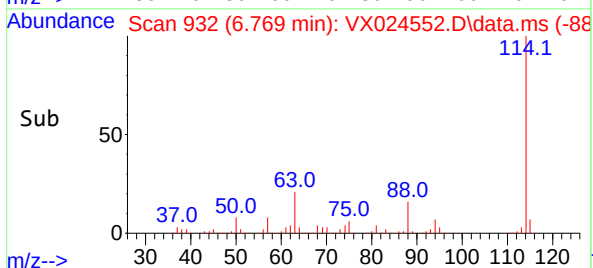
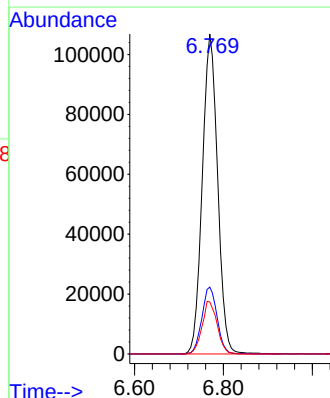
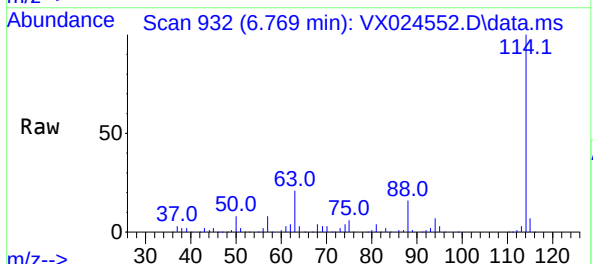
Tgt Ion: 65 Resp: 111427  
Ion Ratio Lower Upper  
65 100  
67 51.9 0.0 105.4

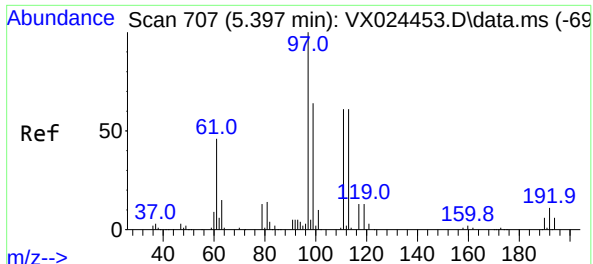


#34

1,4-Difluorobenzene  
Concen: 50.00 ug/l  
RT: 6.769 min Scan# 932  
Delta R.T. 0.000 min  
Lab File: VX024552.D  
Acq: 05 Oct 2021 04:52

Tgt Ion: 114 Resp: 256563  
Ion Ratio Lower Upper  
114 100  
63 20.9 0.0 40.8  
88 16.3 0.0 32.8

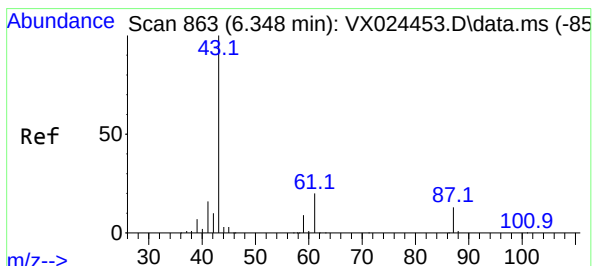
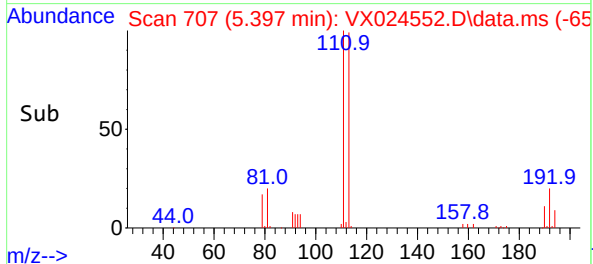
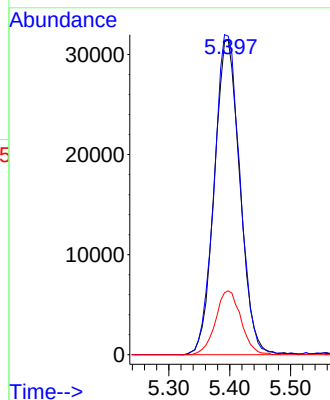
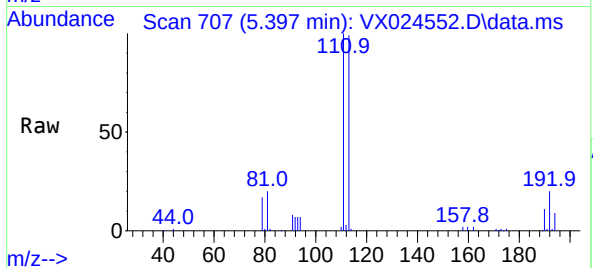




#35  
Dibromofluoromethane  
Concen: 53.67 ug/l  
RT: 5.397 min Scan# 707  
Delta R.T. 0.000 min  
Lab File: VX024552.D  
Acq: 05 Oct 2021 04:52

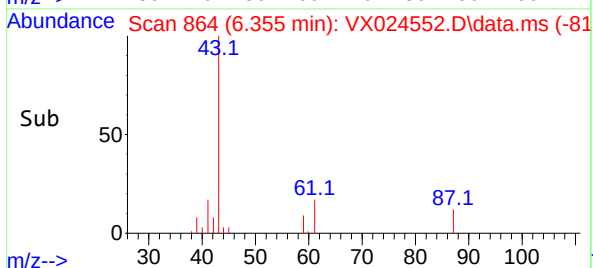
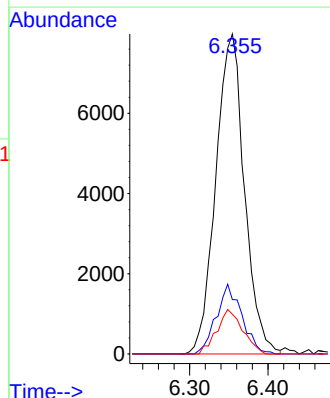
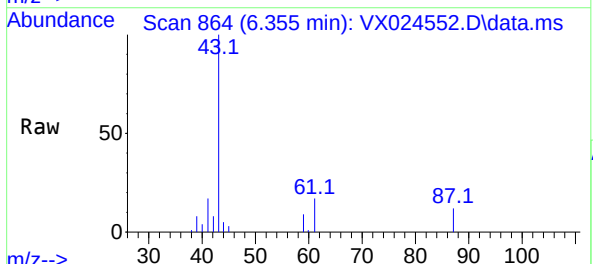
Instrument :  
MSVOA\_X  
ClientSampleId :  
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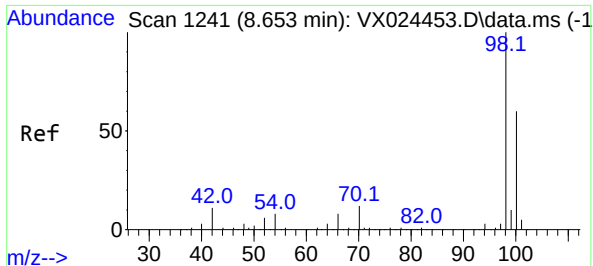
Tgt Ion:113 Resp: 91475  
Ion Ratio Lower Upper  
113 100  
111 102.5 81.9 122.9  
192 20.2 16.7 25.1



#43  
Isopropyl Acetate  
Concen: 4.34 ug/l  
RT: 6.355 min Scan# 864  
Delta R.T. 0.007 min  
Lab File: VX024552.D  
Acq: 05 Oct 2021 04:52

Tgt Ion: 43 Resp: 20255  
Ion Ratio Lower Upper  
43 100  
61 19.5 18.2 27.4  
87 12.5 12.5 18.7

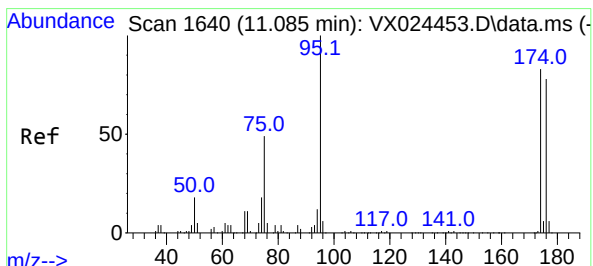
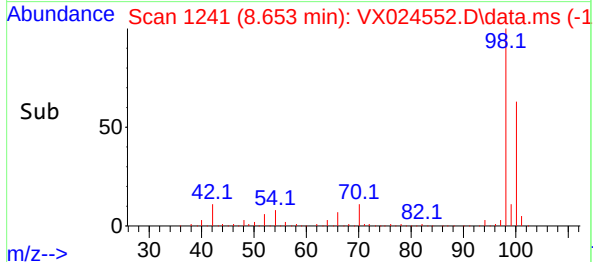
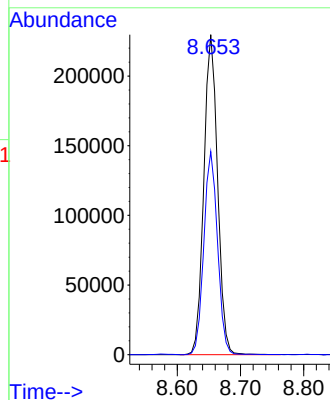
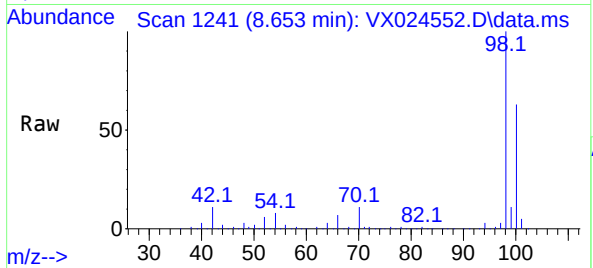




#50  
Toluene-d8  
Concen: 55.50 ug/l  
RT: 8.653 min Scan# 1241  
Delta R.T. -0.000 min  
Lab File: VX024552.D  
Acq: 05 Oct 2021 04:52

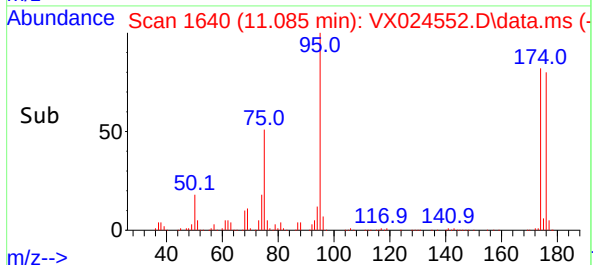
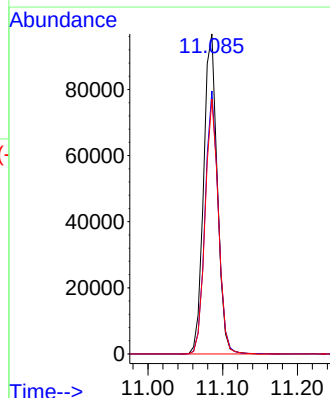
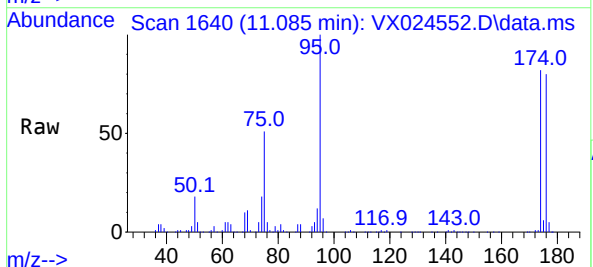
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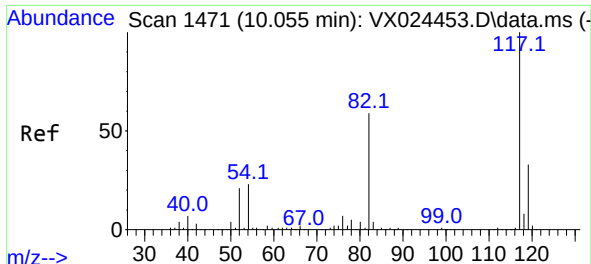
Tgt Ion: 98 Resp: 348138  
Ion Ratio Lower Upper  
98 100  
100 63.2 51.9 77.9



#62  
4-Bromofluorobenzene  
Concen: 49.81 ug/l  
RT: 11.085 min Scan# 1640  
Delta R.T. 0.000 min  
Lab File: VX024552.D  
Acq: 05 Oct 2021 04:52

Tgt Ion: 95 Resp: 122846  
Ion Ratio Lower Upper  
95 100  
174 79.1 0.0 154.6  
176 77.4 0.0 155.8

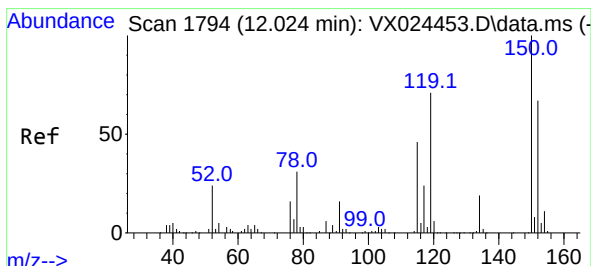
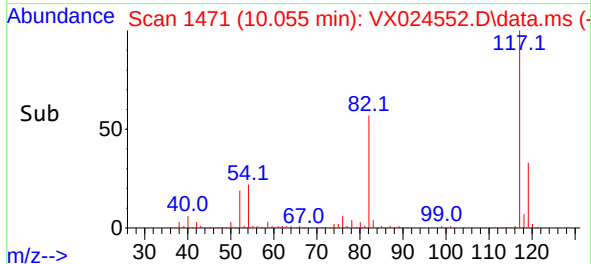
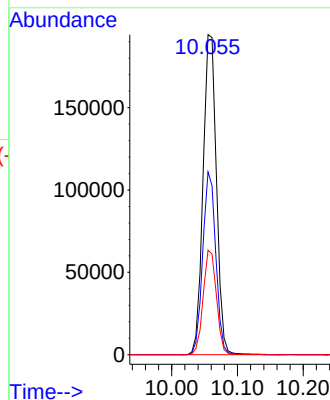
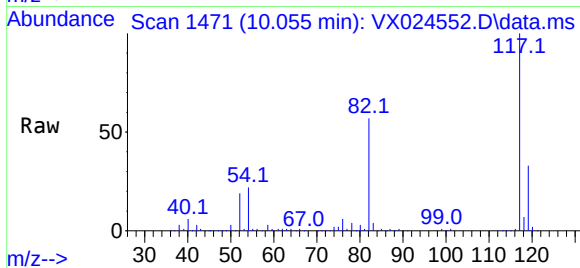




#63  
Chlorobenzene-d5  
Concen: 50.00 ug/l  
RT: 10.055 min Scan# 1471  
Delta R.T. 0.000 min  
Lab File: VX024552.D  
Acq: 05 Oct 2021 04:52

Instrument :  
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149-ENV-1-GRAB

Tgt Ion:117 Resp: 275015  
Ion Ratio Lower Upper  
117 100  
82 57.1 47.4 71.2  
119 32.6 26.6 39.8



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.00 ug/l  
RT: 12.024 min Scan# 1794  
Delta R.T. 0.000 min  
Lab File: VX024552.D  
Acq: 05 Oct 2021 04:52

Tgt Ion:152 Resp: 108955  
Ion Ratio Lower Upper  
152 100  
115 61.0 41.1 123.3  
150 155.8 0.0 349.0

