

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX102022\  
 Data File : VX032272.D  
 Acq On : 20 Oct 2022 18:47  
 Operator : JC/MD  
 Sample : PB148419TB  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 22 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 PB148419TB

Quant Time: Oct 21 02:16:17 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X101922W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Oct 19 16:51:09 2022  
 Response via : Initial Calibration

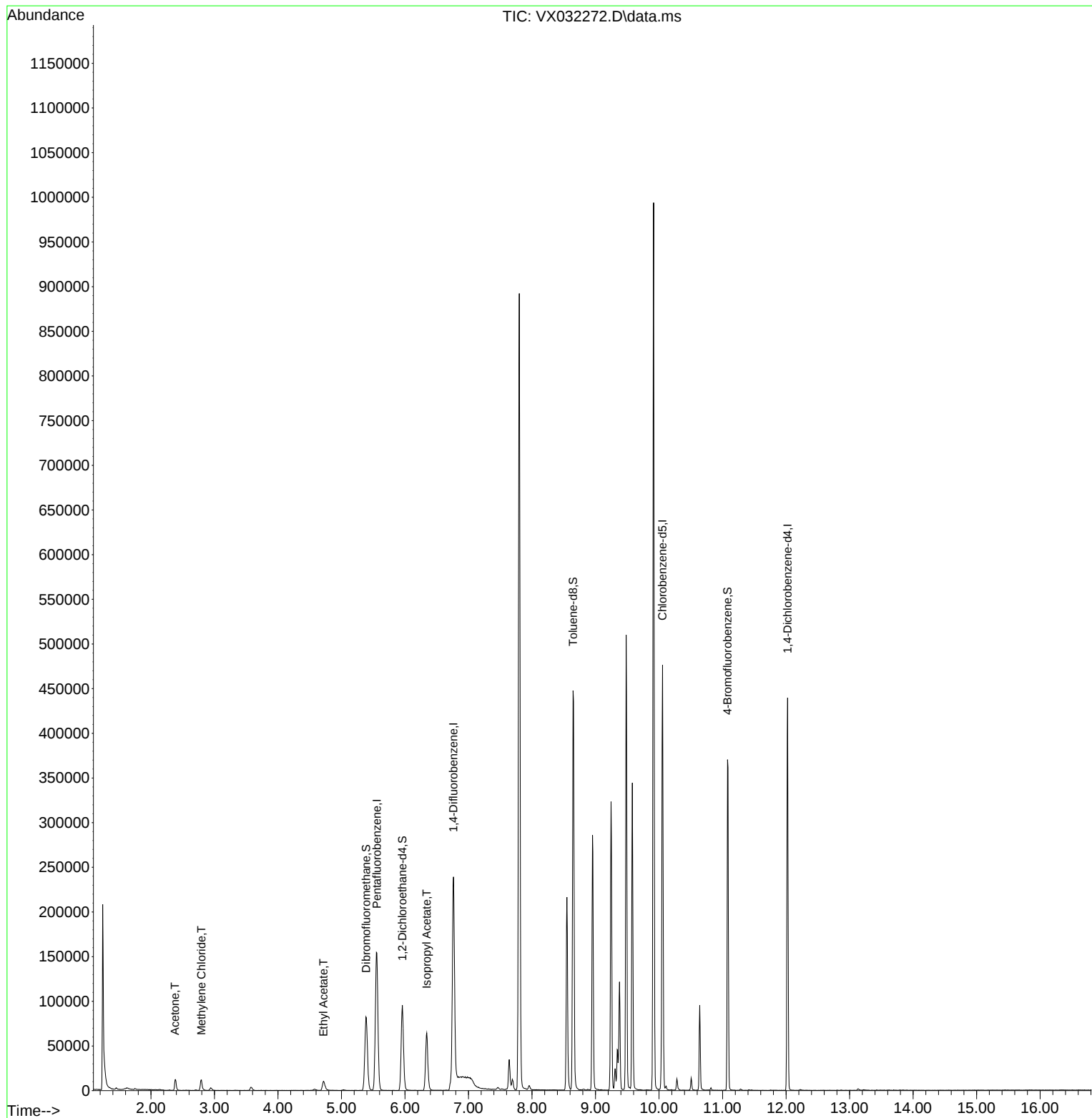
| Compound                    | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-----------------------------|--------|-------|----------|----------|--------|----------|
| -----                       |        |       |          |          |        |          |
| Internal Standards          |        |       |          |          |        |          |
| 1) Pentafluorobenzene       | 5.556  | 168   | 143649   | 50.000   | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene     | 6.763  | 114   | 225779   | 50.000   | ug/l   | 0.00     |
| 63) Chlorobenzene-d5        | 10.055 | 117   | 197302   | 50.000   | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 12.024 | 152   | 88414    | 50.000   | ug/l   | 0.00     |
| System Monitoring Compounds |        |       |          |          |        |          |
| 33) 1,2-Dichloroethane-d4   | 5.958  | 65    | 93291    | 49.922   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 78 - 117 | Recovery | =      | 99.840%  |
| 35) Dibromofluoromethane    | 5.385  | 113   | 71017    | 45.201   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | =      | 90.400%  |
| 50) Toluene-d8              | 8.647  | 98    | 269947   | 47.731   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 92 - 112 | Recovery | =      | 95.460%  |
| 62) 4-Bromofluorobenzene    | 11.079 | 95    | 94284    | 45.526   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 83 - 123 | Recovery | =      | 91.060%  |
| Target Compounds            |        |       |          |          |        |          |
|                             |        |       |          |          | Qvalue |          |
| 16) Acetone                 | 2.380  | 43    | 14585    | 24.050   | ug/l   | 99       |
| 20) Methylene Chloride      | 2.794  | 84    | 6015     | 3.863    | ug/l   | 94       |
| 37) Ethyl Acetate           | 4.715  | 43    | 18774m   | 9.488    | ug/l   |          |
| 43) Isopropyl Acetate       | 6.342  | 43    | 86169    | 27.745   | ug/l   | 98       |
| -----                       |        |       |          |          |        |          |

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

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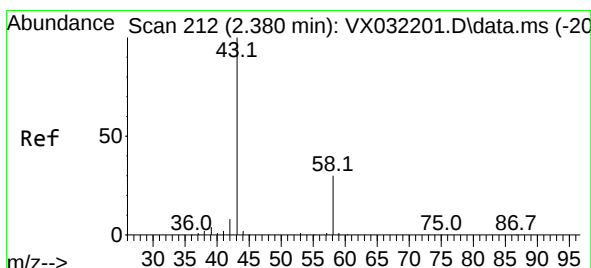
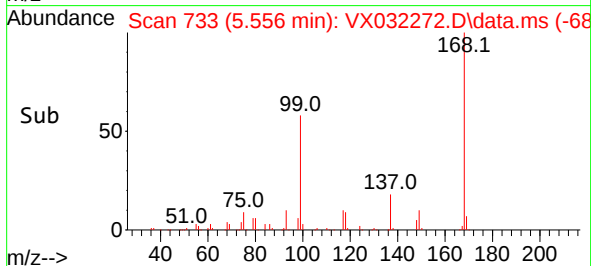
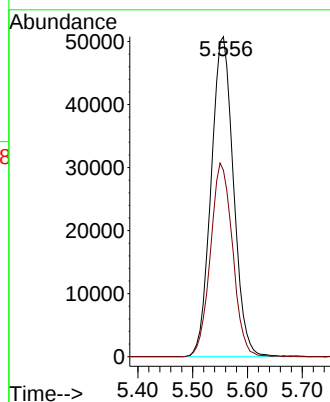
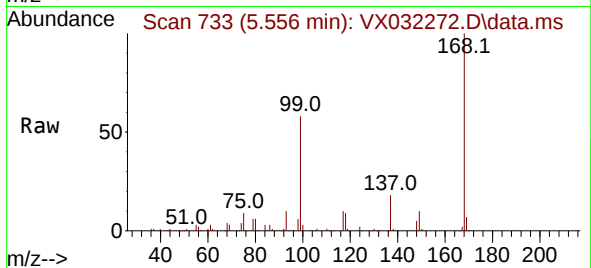




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.556 min Scan# 733  
Delta R.T. -0.000 min  
Lab File: VX032272.D  
Acq: 20 Oct 2022 18:47

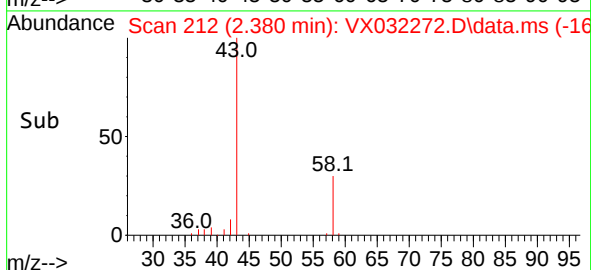
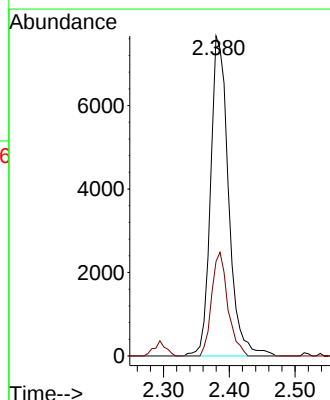
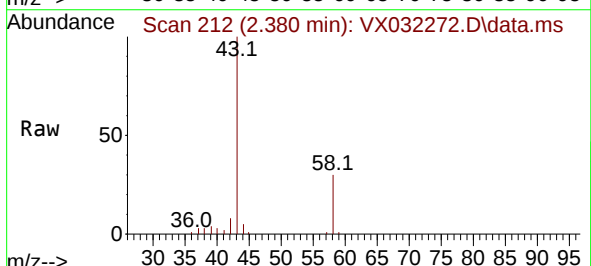
Instrument :  
MSVOA\_X  
ClientSampleId :  
PB148419TB

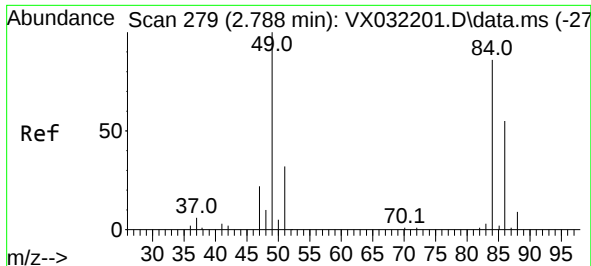
Tgt Ion:168 Resp: 143649  
Ion Ratio Lower Upper  
168 100  
99 58.3 44.8 67.2



#16  
Acetone  
Concen: 24.050 ug/l  
RT: 2.380 min Scan# 212  
Delta R.T. -0.000 min  
Lab File: VX032272.D  
Acq: 20 Oct 2022 18:47

Tgt Ion: 43 Resp: 14585  
Ion Ratio Lower Upper  
43 100  
58 29.5 24.2 36.2

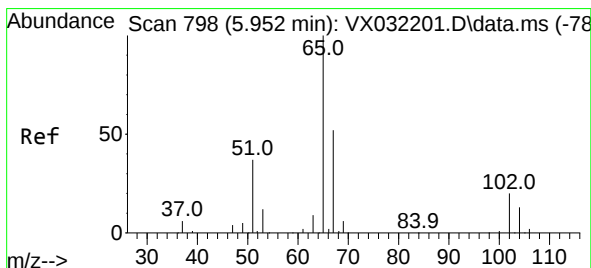
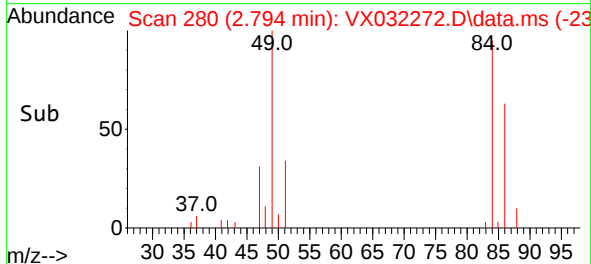
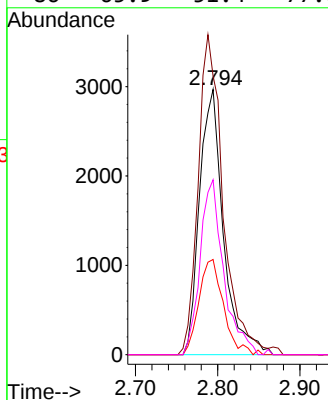
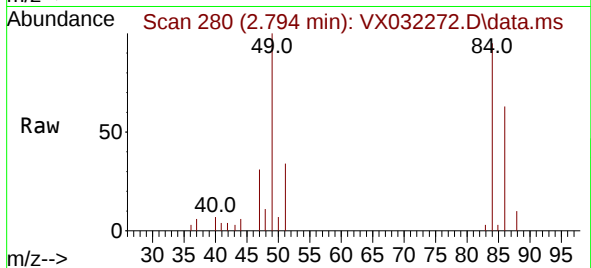




#20  
Methylene Chloride  
Concen: 3.863 ug/l  
RT: 2.794 min Scan# 21  
Delta R.T. 0.006 min  
Lab File: VX032272.D  
Acq: 20 Oct 2022 18:47

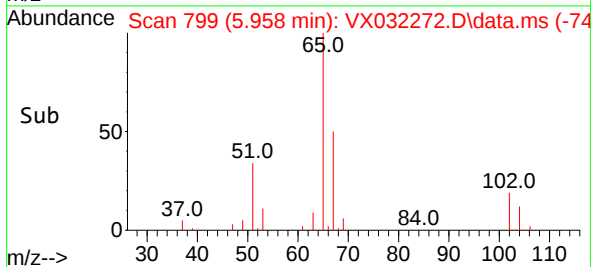
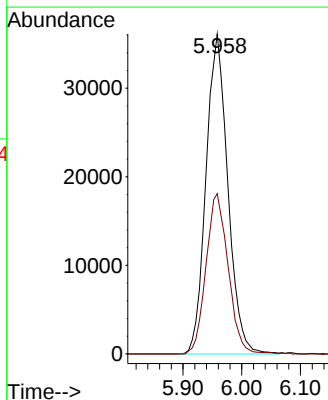
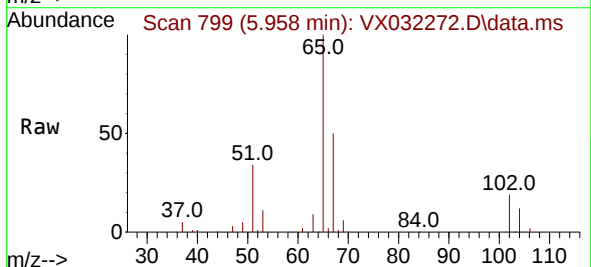
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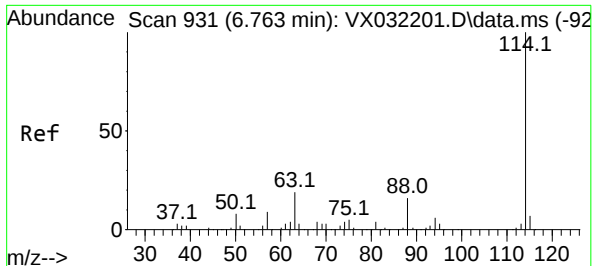
|             |             |
|-------------|-------------|
| Tgt Ion: 84 | Resp: 6015  |
| Ion Ratio   | Lower Upper |
| 84 100      |             |
| 49 105.1    | 92.6 139.0  |
| 51 35.9     | 29.2 43.8   |
| 86 65.9     | 51.4 77.0   |



#33  
1,2-Dichloroethane-d4  
Concen: 49.922 ug/l  
RT: 5.958 min Scan# 799  
Delta R.T. 0.006 min  
Lab File: VX032272.D  
Acq: 20 Oct 2022 18:47

|             |             |
|-------------|-------------|
| Tgt Ion: 65 | Resp: 93291 |
| Ion Ratio   | Lower Upper |
| 65 100      |             |
| 67 50.7     | 0.0 103.6   |

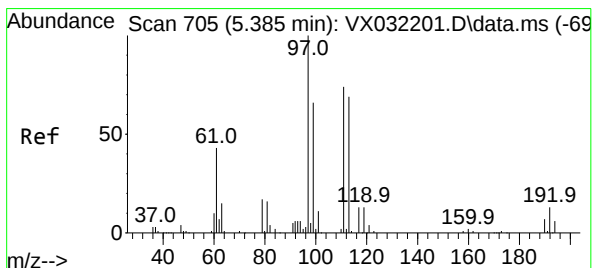
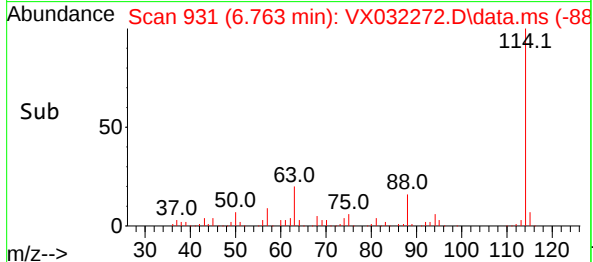
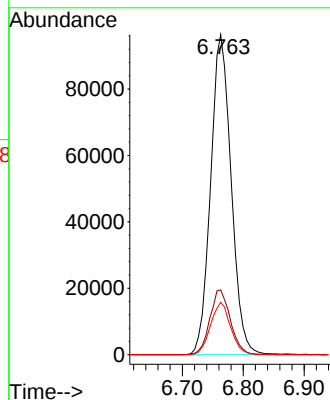
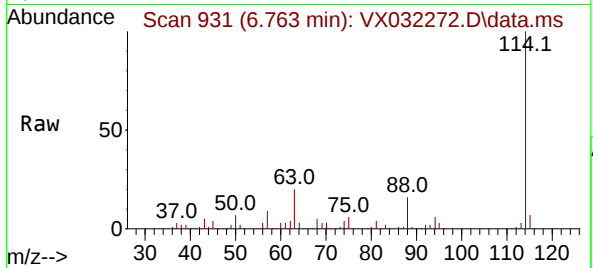




#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 6.763 min Scan# 911  
Delta R.T. 0.000 min  
Lab File: VX032272.D  
Acq: 20 Oct 2022 18:47

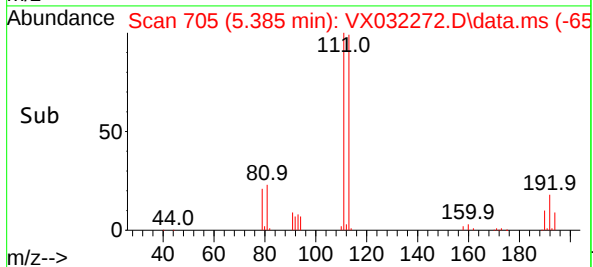
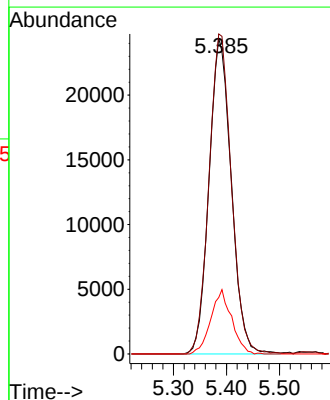
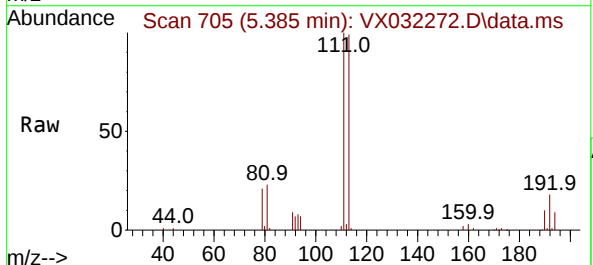
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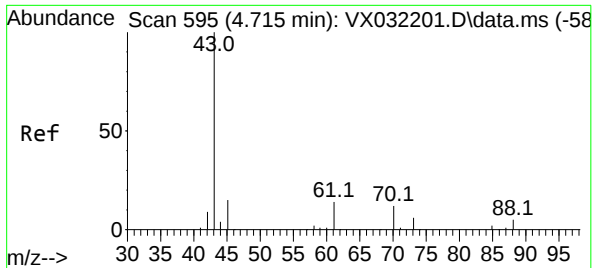
Tgt Ion:114 Resp: 225779  
Ion Ratio Lower Upper  
114 100  
63 20.3 0.0 38.6  
88 16.3 0.0 32.6



#35  
Dibromofluoromethane  
Concen: 45.201 ug/l  
RT: 5.385 min Scan# 705  
Delta R.T. 0.000 min  
Lab File: VX032272.D  
Acq: 20 Oct 2022 18:47

Tgt Ion:113 Resp: 71017  
Ion Ratio Lower Upper  
113 100  
111 101.9 82.8 124.2  
192 19.1 15.5 23.3

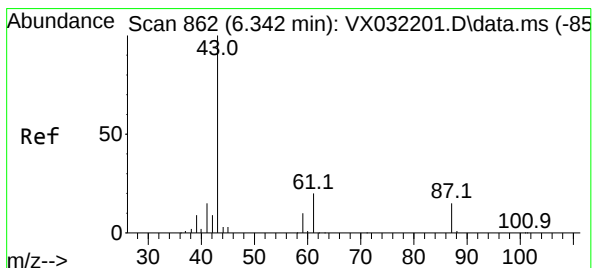
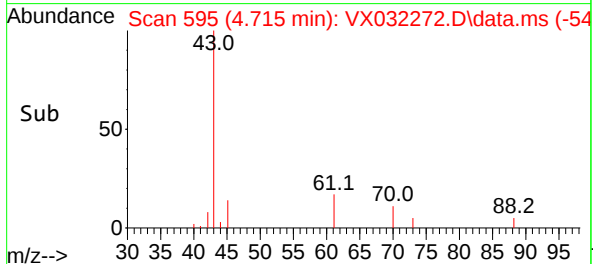
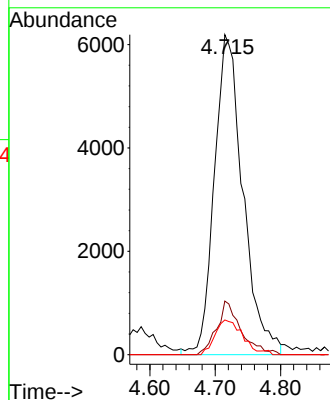
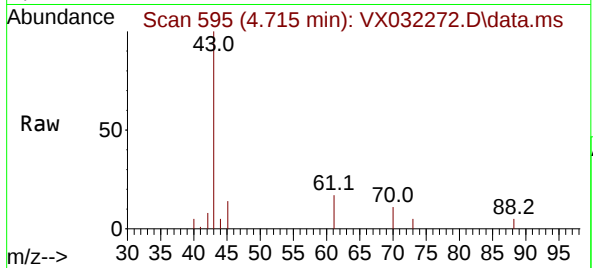




#37  
Ethyl Acetate  
Concen: 9.488 ug/l m  
RT: 4.715 min Scan# 595  
Delta R.T. -0.000 min  
Lab File: VX032272.D  
Acq: 20 Oct 2022 18:47

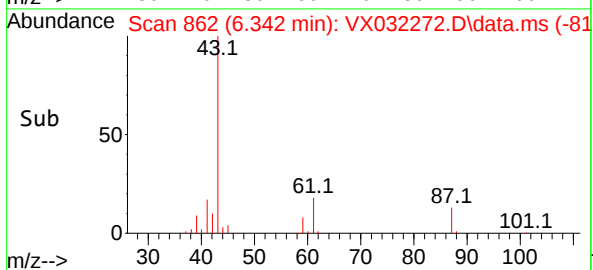
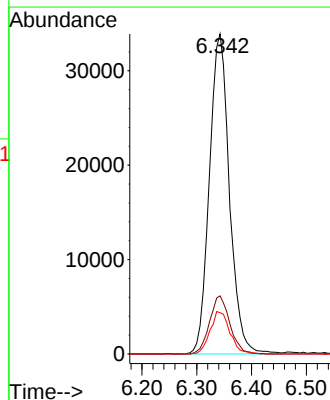
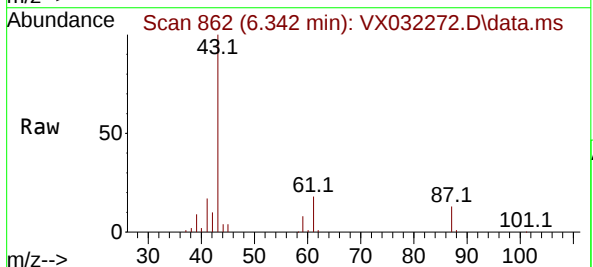
Instrument :  
MSVOA\_X  
ClientSampleId :  
PB148419TB

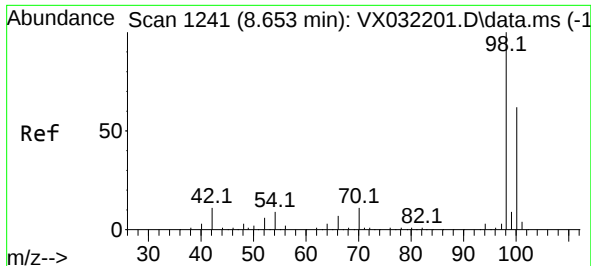
Tgt Ion: 43 Resp: 18774  
Ion Ratio Lower Upper  
43 100  
61 0.0 11.4 17.2#  
70 0.0 8.8 13.2#



#43  
Isopropyl Acetate  
Concen: 27.745 ug/l  
RT: 6.342 min Scan# 862  
Delta R.T. 0.000 min  
Lab File: VX032272.D  
Acq: 20 Oct 2022 18:47

Tgt Ion: 43 Resp: 86169  
Ion Ratio Lower Upper  
43 100  
61 18.3 15.5 23.3  
87 13.0 11.0 16.6

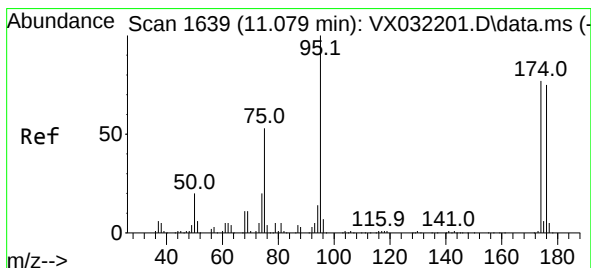
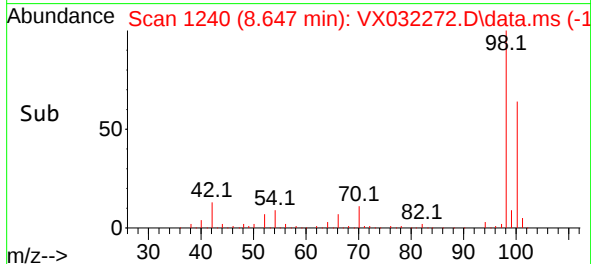
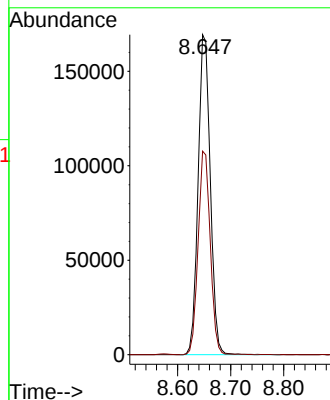
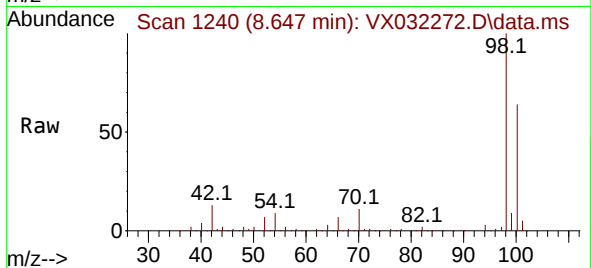




#50  
Toluene-d8  
Concen: 47.731 ug/l  
RT: 8.647 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: VX032272.D  
Acq: 20 Oct 2022 18:47

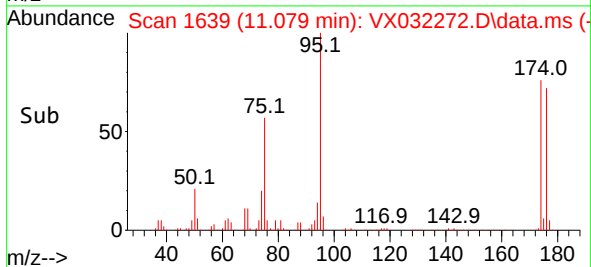
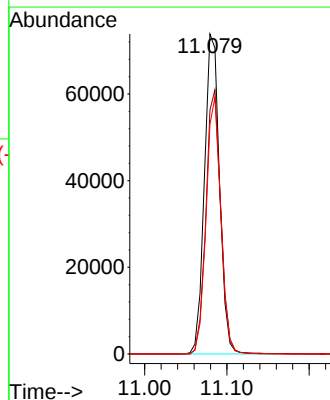
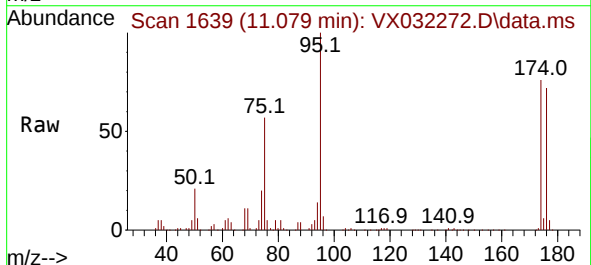
Instrument :  
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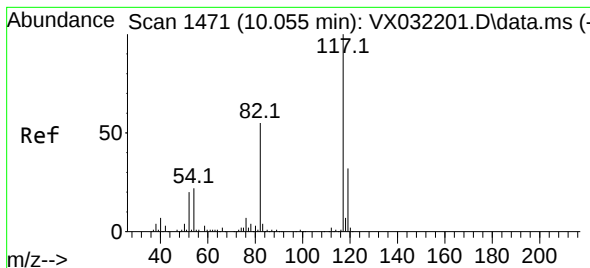
Tgt Ion: 98 Resp: 269947  
Ion Ratio Lower Upper  
98 100  
100 63.5 50.7 76.1



#62  
4-Bromofluorobenzene  
Concen: 45.526 ug/l  
RT: 11.079 min Scan# 1639  
Delta R.T. 0.000 min  
Lab File: VX032272.D  
Acq: 20 Oct 2022 18:47

Tgt Ion: 95 Resp: 94284  
Ion Ratio Lower Upper  
95 100  
174 81.3 0.0 166.8  
176 78.1 0.0 161.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VX032272.D

Acq: 20 Oct 2022 18:47

Instrument :

MSVOA\_X

ClientSampleId :

PB148419TB

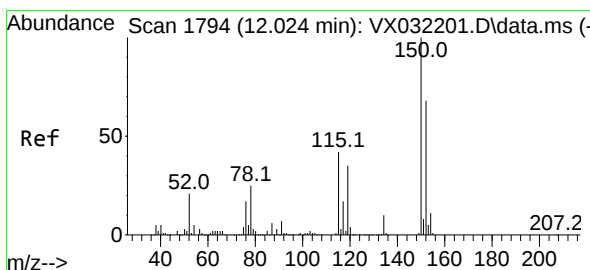
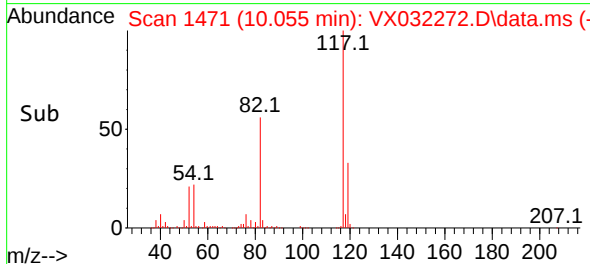
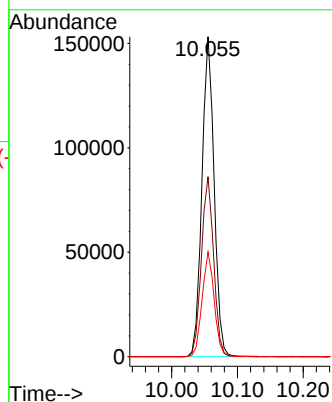
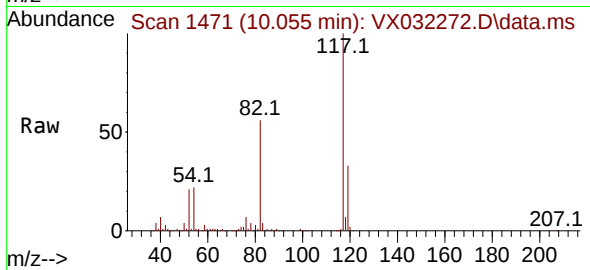
Tgt Ion:117 Resp: 197302

Ion Ratio Lower Upper

117 100

82 56.3 44.2 66.4

119 32.7 25.8 38.8



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. 0.000 min

Lab File: VX032272.D

Acq: 20 Oct 2022 18:47

Tgt Ion:152 Resp: 88414

Ion Ratio Lower Upper

152 100

115 60.6 43.1 129.4

150 156.4 0.0 348.6

