

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX012323\  
 Data File : VX033844.D  
 Acq On : 23 Jan 2023 13:14  
 Operator : JC/MD  
 Sample : PB150369ZHE#03  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 PB150369ZHE#03

Quant Time: Jan 24 00:39:41 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X011123W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Jan 11 14:48:42 2023  
 Response via : Initial Calibration

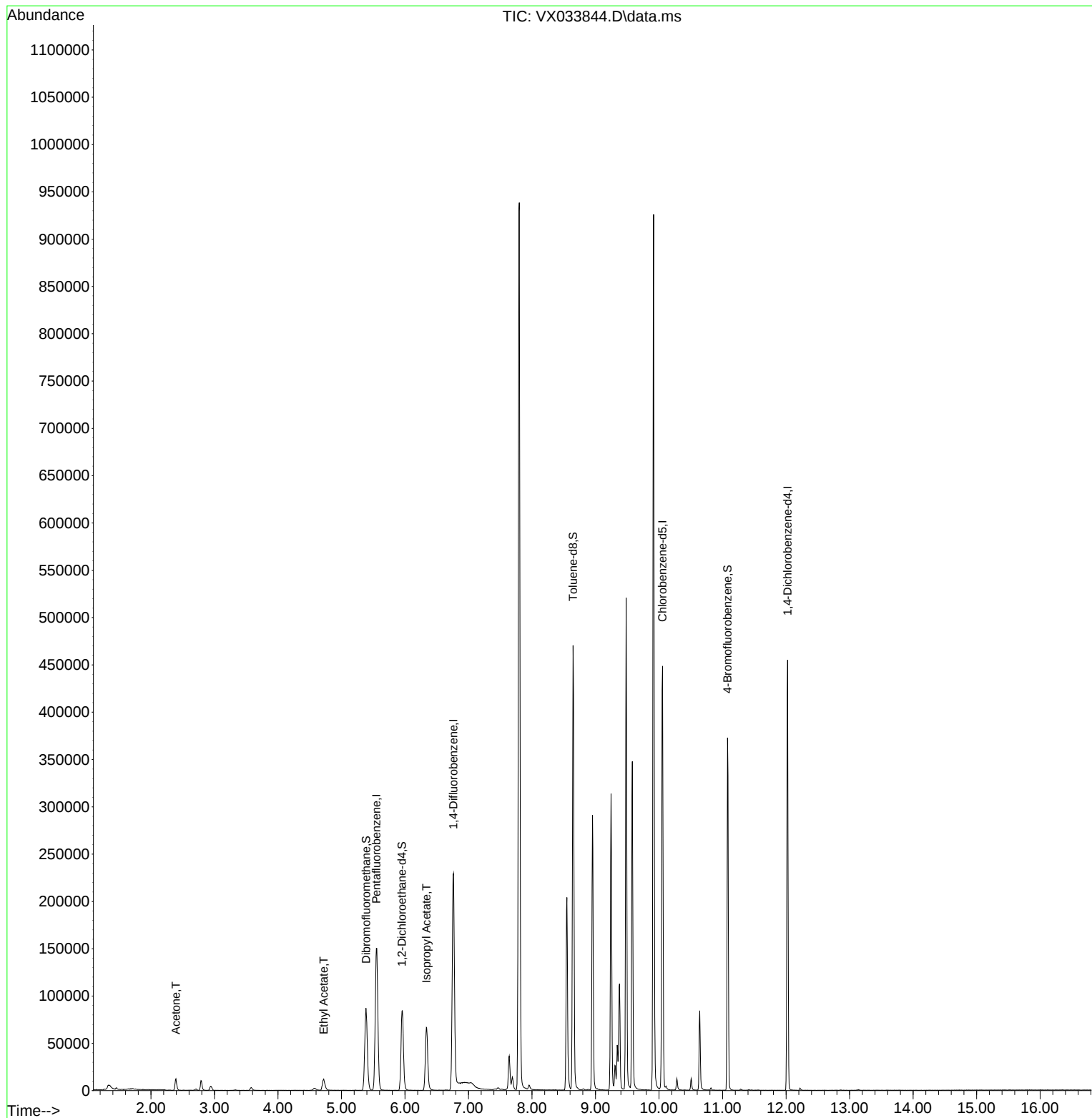
| Compound                    | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-----------------------------|--------|-------|----------|----------|--------|----------|
| -----                       |        |       |          |          |        |          |
| Internal Standards          |        |       |          |          |        |          |
| 1) Pentafluorobenzene       | 5.550  | 168   | 166621   | 50.000   | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene     | 6.763  | 114   | 246898   | 50.000   | ug/l   | 0.00     |
| 63) Chlorobenzene-d5        | 10.055 | 117   | 217001   | 50.000   | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 12.024 | 152   | 105321   | 50.000   | ug/l   | 0.00     |
| System Monitoring Compounds |        |       |          |          |        |          |
| 33) 1,2-Dichloroethane-d4   | 5.952  | 65    | 81662    | 46.548   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 78 - 117 | Recovery | =      | 93.100%  |
| 35) Dibromofluoromethane    | 5.385  | 113   | 75716    | 49.387   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | =      | 98.780%  |
| 50) Toluene-d8              | 8.647  | 98    | 281792   | 50.447   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 92 - 112 | Recovery | =      | 100.900% |
| 62) 4-Bromofluorobenzene    | 11.079 | 95    | 97127    | 46.832   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 83 - 123 | Recovery | =      | 93.660%  |
| Target Compounds            |        |       |          |          |        |          |
|                             |        |       |          |          | Qvalue |          |
| 16) Acetone                 | 2.392  | 43    | 15226    | 12.092   | ug/l # | 89       |
| 37) Ethyl Acetate           | 4.721  | 43    | 21839    | 7.818    | ug/l   | 98       |
| 43) Isopropyl Acetate       | 6.336  | 43    | 94648    | 26.795   | ug/l   | 99       |
| -----                       |        |       |          |          |        |          |

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

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X011123W.M  
Quant Title : SW846 8260  
QLast Update : Wed Jan 11 14:48:42 2023  
Response via : Initial Calibration

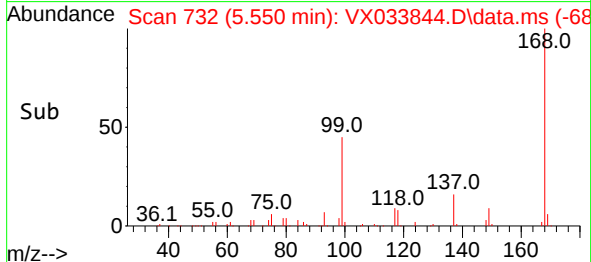
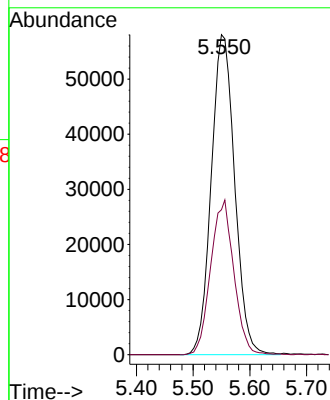
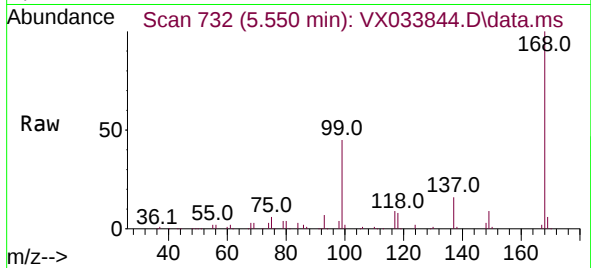




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.550 min Scan# 71  
Delta R.T. -0.000 min  
Lab File: VX033844.D  
Acq: 23 Jan 2023 13:14

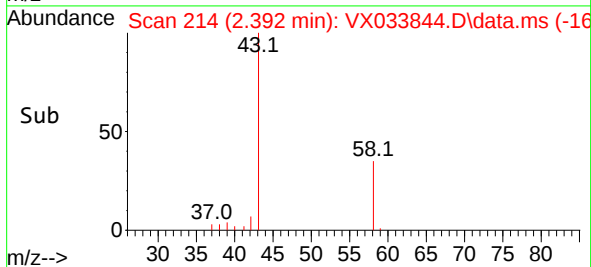
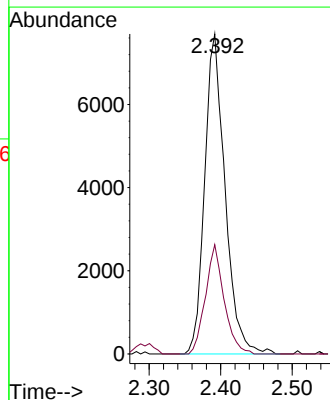
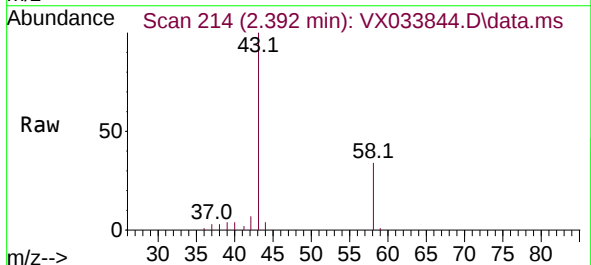
Instrument :  
MSVOA\_X  
ClientSampleId :  
PB150369ZHE#03

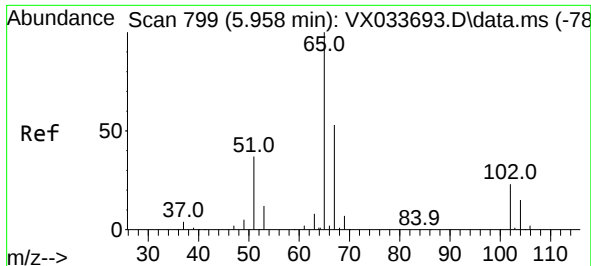
Tgt Ion:168 Resp: 166621  
Ion Ratio Lower Upper  
168 100  
99 45.3 39.6 59.4



#16  
Acetone  
Concen: 12.092 ug/l  
RT: 2.392 min Scan# 214  
Delta R.T. -0.006 min  
Lab File: VX033844.D  
Acq: 23 Jan 2023 13:14

Tgt Ion: 43 Resp: 15226  
Ion Ratio Lower Upper  
43 100  
58 34.1 22.6 33.8#





#33

1,2-Dichloroethane-d4

Concen: 46.548 ug/l

RT: 5.952 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX033844.D

Acq: 23 Jan 2023 13:14

Instrument :

MSVOA\_X

ClientSampleId :

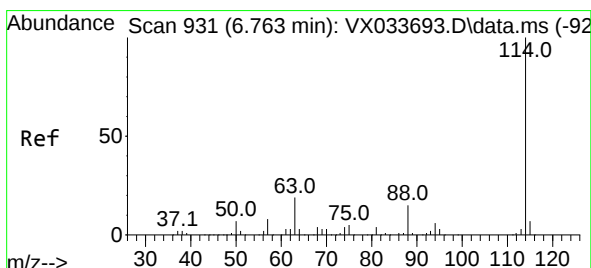
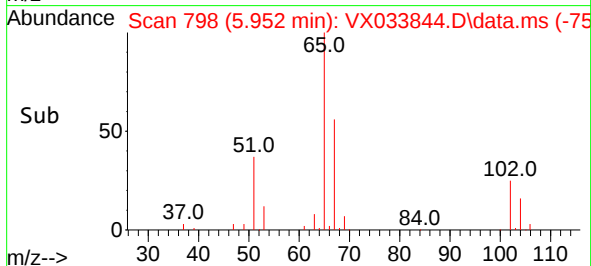
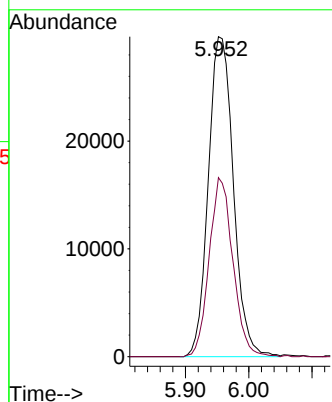
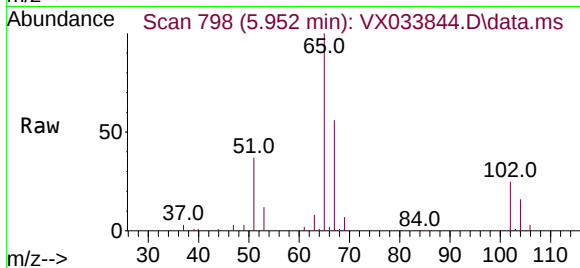
PB150369ZHE#03

Tgt Ion: 65 Resp: 81662

Ion Ratio Lower Upper

65 100

67 53.0 0.0 104.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.000 min

Lab File: VX033844.D

Acq: 23 Jan 2023 13:14

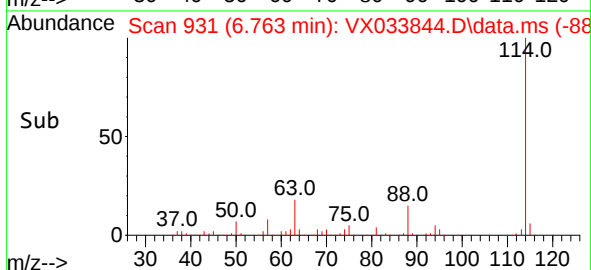
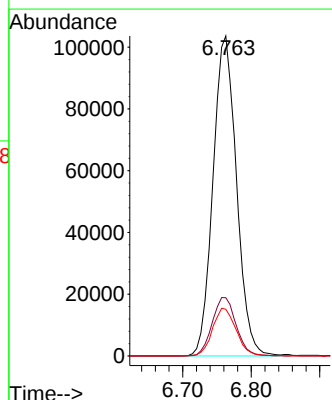
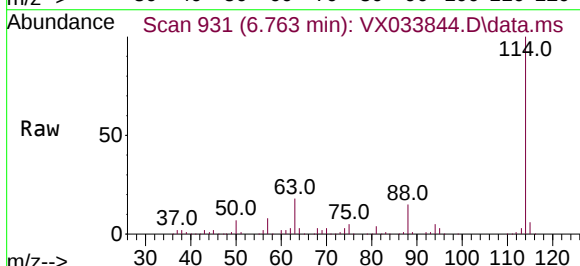
Tgt Ion: 114 Resp: 246898

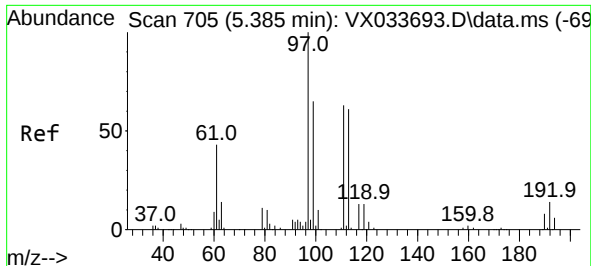
Ion Ratio Lower Upper

114 100

63 18.2 0.0 37.4

88 14.6 0.0 30.6

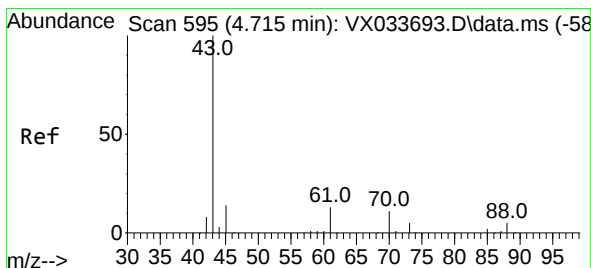
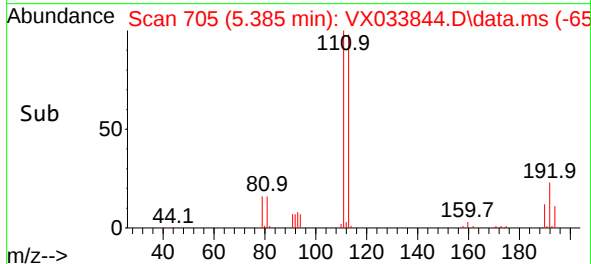
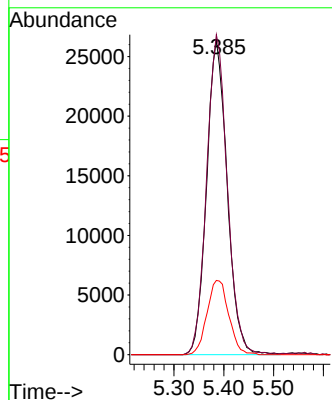
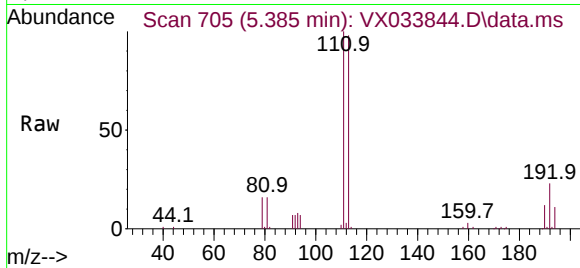




#35  
Dibromofluoromethane  
Concen: 49.387 ug/l  
RT: 5.385 min Scan# 705  
Delta R.T. -0.000 min  
Lab File: VX033844.D  
Acq: 23 Jan 2023 13:14

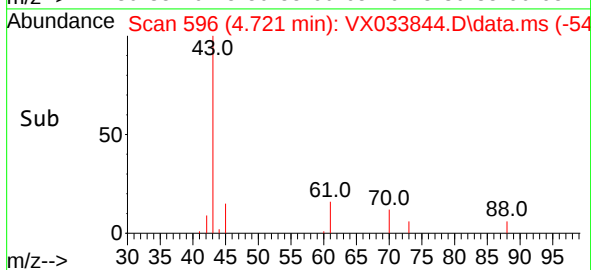
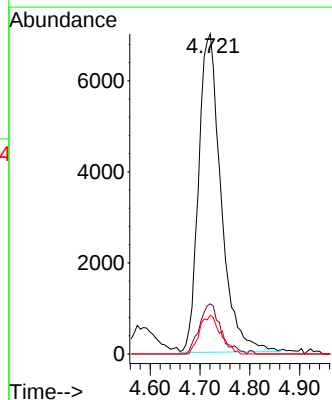
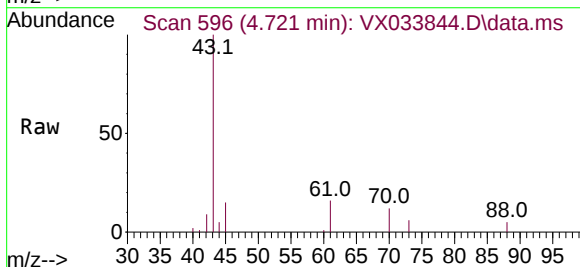
Instrument :  
MSVOA\_X  
ClientSampleId :  
PB150369ZHE#03

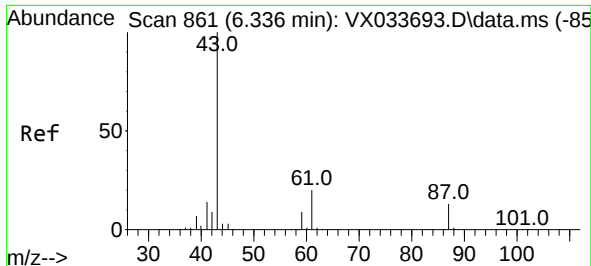
Tgt Ion:113 Resp: 75716  
Ion Ratio Lower Upper  
113 100  
111 102.3 83.0 124.6  
192 24.9 19.0 28.4



#37  
Ethyl Acetate  
Concen: 7.818 ug/l  
RT: 4.721 min Scan# 596  
Delta R.T. 0.006 min  
Lab File: VX033844.D  
Acq: 23 Jan 2023 13:14

Tgt Ion: 43 Resp: 21839  
Ion Ratio Lower Upper  
43 100  
61 14.8 11.1 16.7  
70 11.5 8.5 12.7

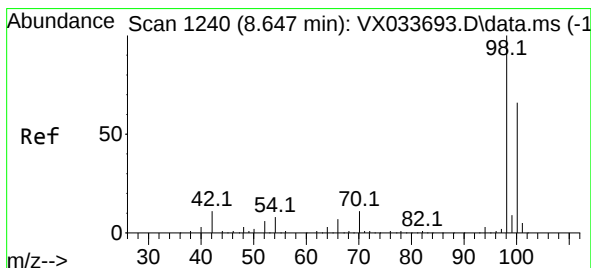
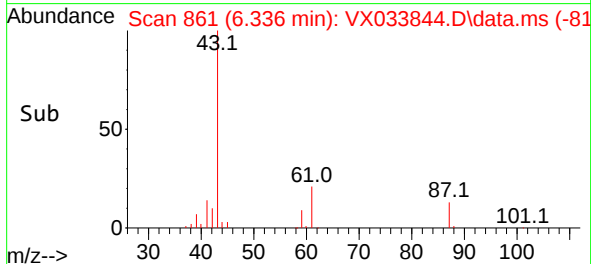
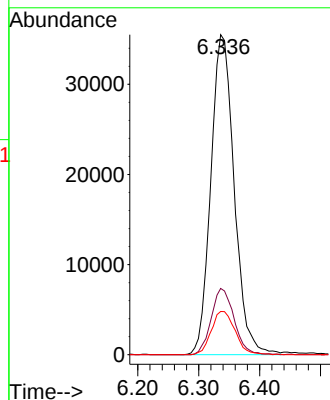
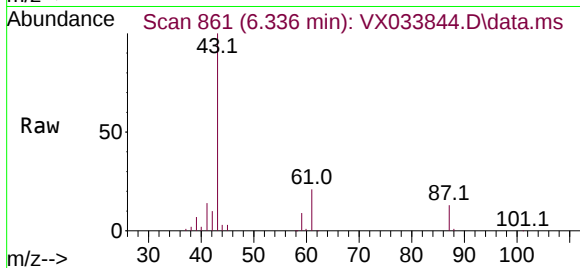




#43  
Isopropyl Acetate  
Concen: 26.795 ug/l  
RT: 6.336 min Scan# 861  
Delta R.T. -0.000 min  
Lab File: VX033844.D  
Acq: 23 Jan 2023 13:14

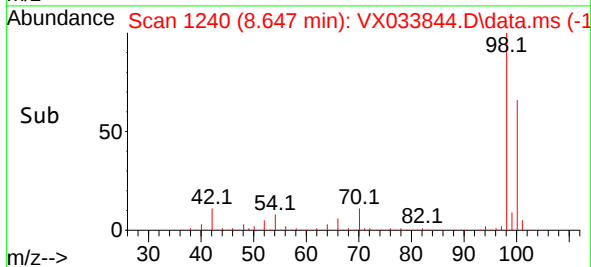
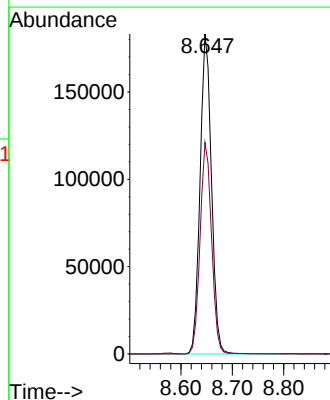
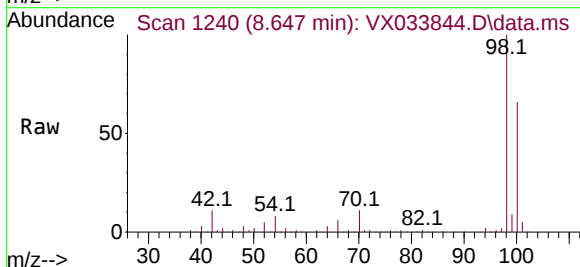
Instrument :  
MSVOA\_X  
ClientSampleId :  
PB150369ZHE#03

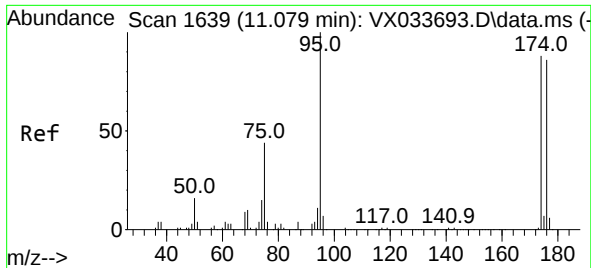
|             |                |
|-------------|----------------|
| Tgt Ion: 43 | Resp: 94648    |
| Ion Ratio   | Lower Upper    |
| 43          | 100            |
| 61          | 20.3 15.7 23.5 |
| 87          | 13.8 10.6 15.8 |



#50  
Toluene-d8  
Concen: 50.447 ug/l  
RT: 8.647 min Scan# 1240  
Delta R.T. -0.000 min  
Lab File: VX033844.D  
Acq: 23 Jan 2023 13:14

|             |                |
|-------------|----------------|
| Tgt Ion: 98 | Resp: 281792   |
| Ion Ratio   | Lower Upper    |
| 98          | 100            |
| 100         | 66.7 53.6 80.4 |

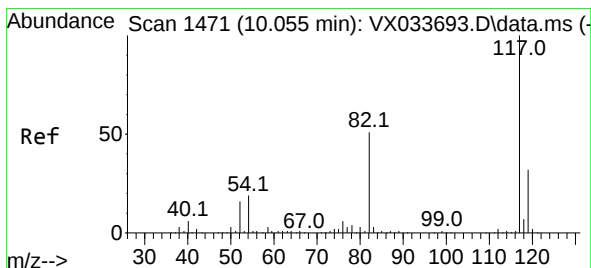
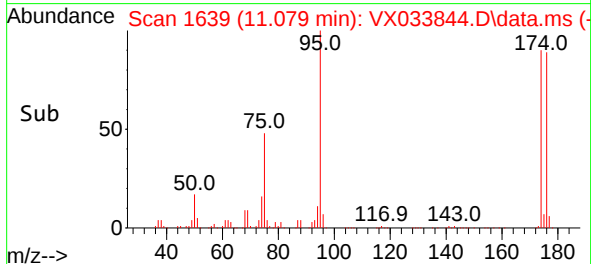
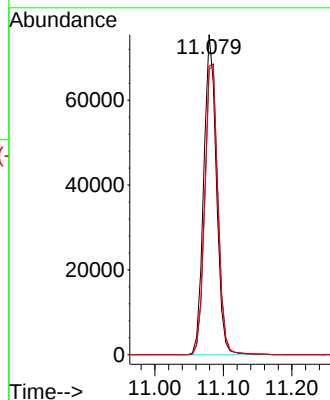
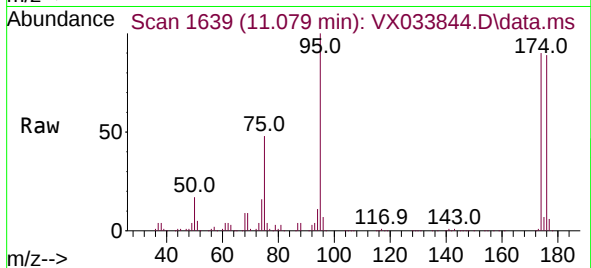




#62  
4-Bromofluorobenzene  
Concen: 46.832 ug/l  
RT: 11.079 min Scan# 1639  
Delta R.T. -0.000 min  
Lab File: VX033844.D  
Acq: 23 Jan 2023 13:14

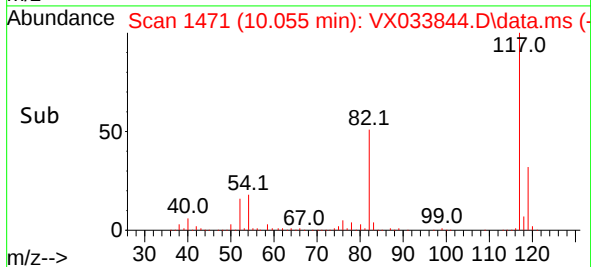
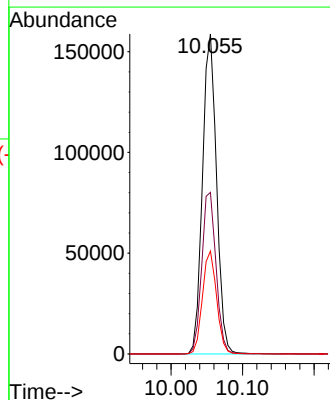
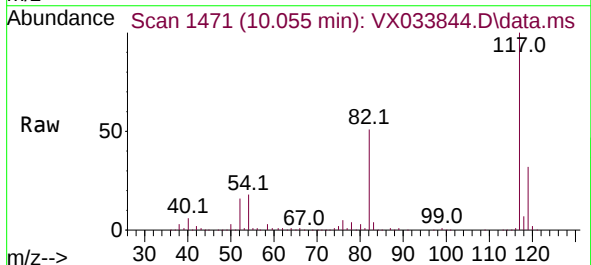
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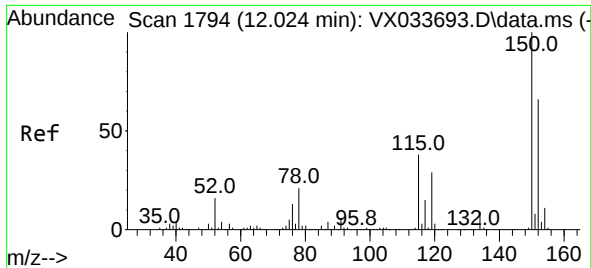
Tgt Ion: 95 Resp: 97127  
Ion Ratio Lower Upper  
95 100  
174 95.2 0.0 184.4  
176 93.3 0.0 178.8



#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.055 min Scan# 1471  
Delta R.T. -0.000 min  
Lab File: VX033844.D  
Acq: 23 Jan 2023 13:14

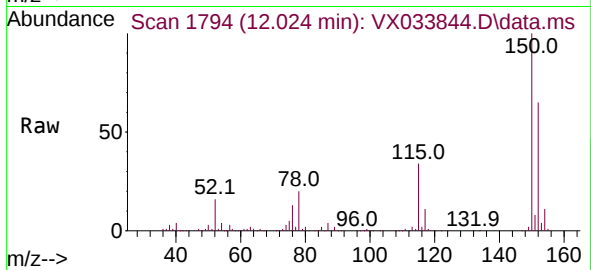
Tgt Ion: 117 Resp: 217001  
Ion Ratio Lower Upper  
117 100  
82 50.5 40.6 60.8  
119 32.2 25.6 38.4





#72  
 1,4-Dichlorobenzene-d4  
 Concen: 50.000 ug/l  
 RT: 12.024 min Scan# 11  
 Delta R.T. -0.000 min  
 Lab File: VX033844.D  
 Acq: 23 Jan 2023 13:14

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 PB150369ZHE#03



Tgt Ion:152 Resp: 105321  
 Ion Ratio Lower Upper  
 152 100  
 115 54.1 38.7 116.1  
 150 156.3 0.0 348.2

