

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX012323\  
 Data File : VX033845.D  
 Acq On : 23 Jan 2023 13:37  
 Operator : JC/MD  
 Sample : PB150369ZHE#04  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 PB150369ZHE#04

Quant Time: Jan 24 00:40:07 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

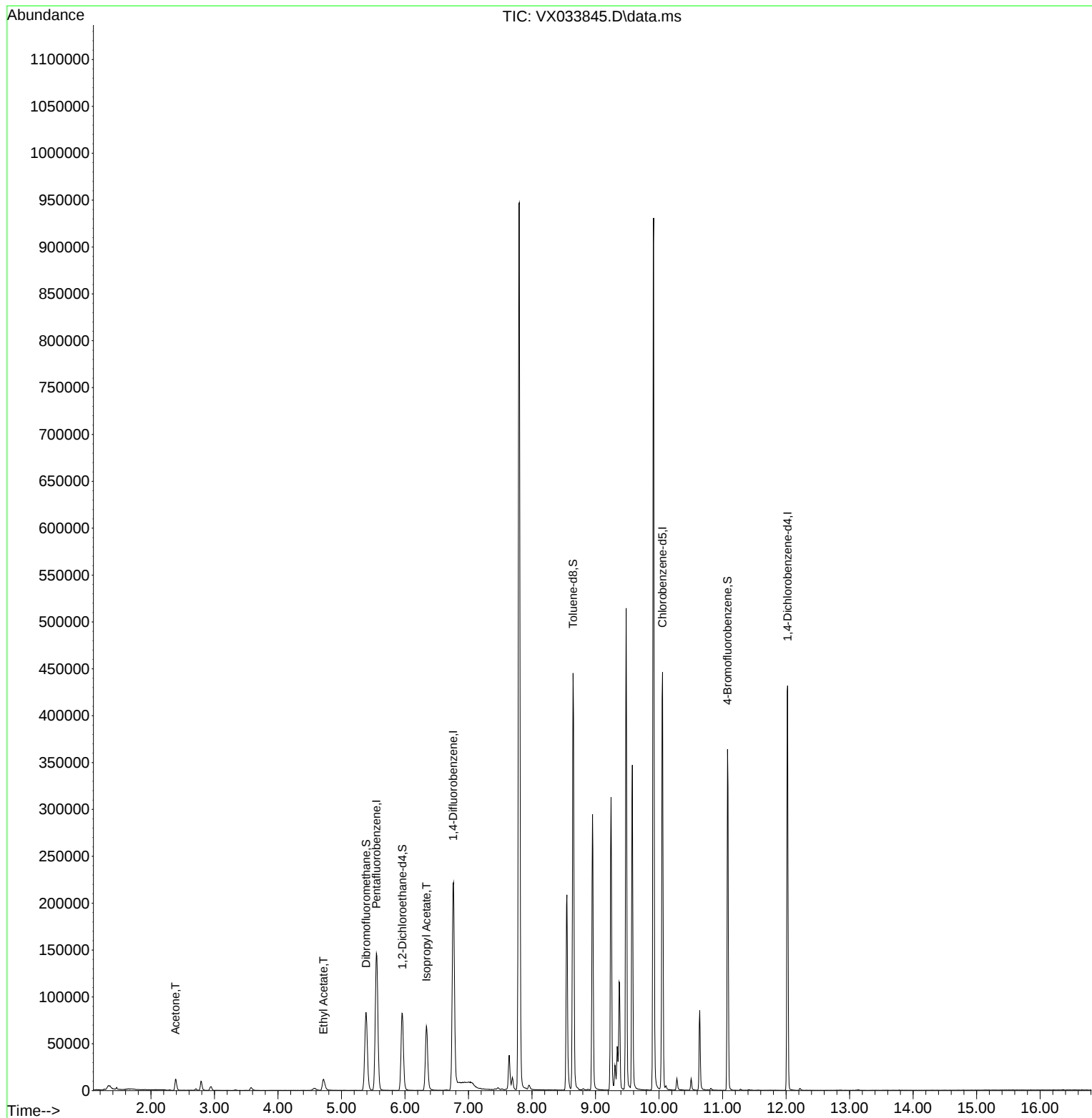
| Compound                    | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-----------------------------|--------|-------|----------|----------|--------|----------|
| -----                       |        |       |          |          |        |          |
| Internal Standards          |        |       |          |          |        |          |
| 1) Pentafluorobenzene       | 5.550  | 168   | 160531   | 50.000   | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene     | 6.757  | 114   | 238159   | 50.000   | ug/l   | 0.00     |
| 63) Chlorobenzene-d5        | 10.055 | 117   | 212306   | 50.000   | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 12.024 | 152   | 102216   | 50.000   | ug/l   | 0.00     |
| System Monitoring Compounds |        |       |          |          |        |          |
| 33) 1,2-Dichloroethane-d4   | 5.958  | 65    | 78821    | 46.633   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 78 - 117 | Recovery | =      | 93.260%  |
| 35) Dibromofluoromethane    | 5.385  | 113   | 74078    | 50.092   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | =      | 100.180% |
| 50) Toluene-d8              | 8.647  | 98    | 271900   | 50.462   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 92 - 112 | Recovery | =      | 100.920% |
| 62) 4-Bromofluorobenzene    | 11.079 | 95    | 94105    | 47.040   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 83 - 123 | Recovery | =      | 94.080%  |
| Target Compounds            |        |       |          |          |        |          |
|                             |        |       |          |          | Qvalue |          |
| 16) Acetone                 | 2.386  | 43    | 15190    | 12.984   | ug/l   | 93       |
| 37) Ethyl Acetate           | 4.715  | 43    | 21756    | 8.173    | ug/l   | 98       |
| 43) Isopropyl Acetate       | 6.336  | 43    | 96012    | 28.178   | ug/l   | 99       |
| -----                       |        |       |          |          |        |          |

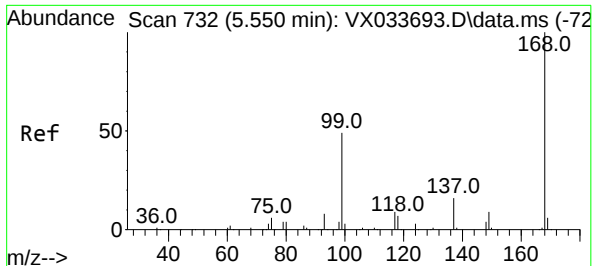
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 11 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
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Quant Time: Jan 24 00:40:07 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

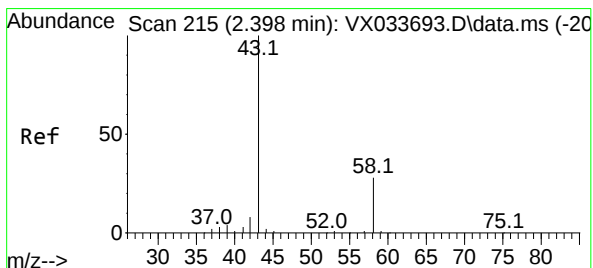
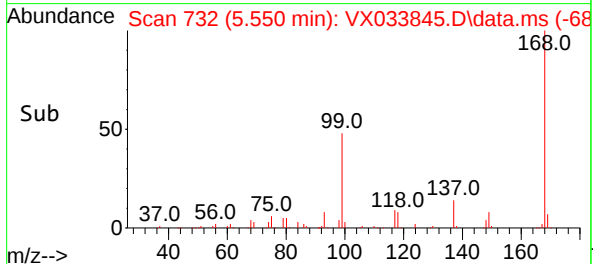
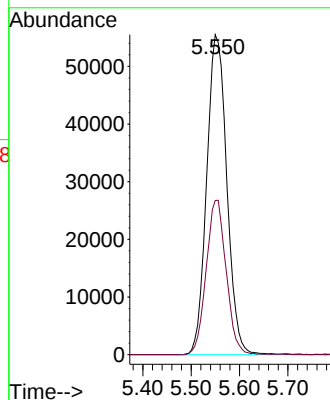
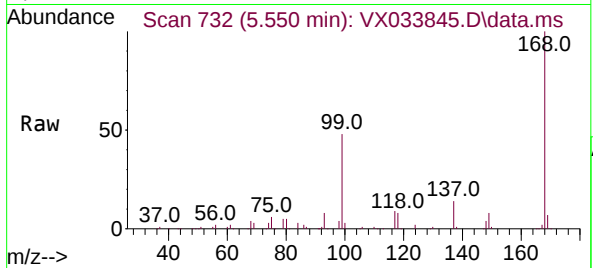




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.550 min Scan# 71  
Delta R.T. -0.000 min  
Lab File: VX033845.D  
Acq: 23 Jan 2023 13:37

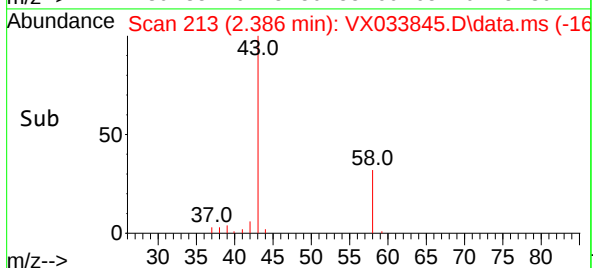
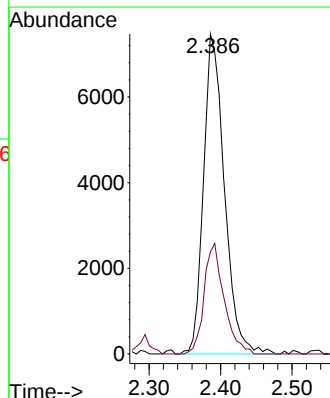
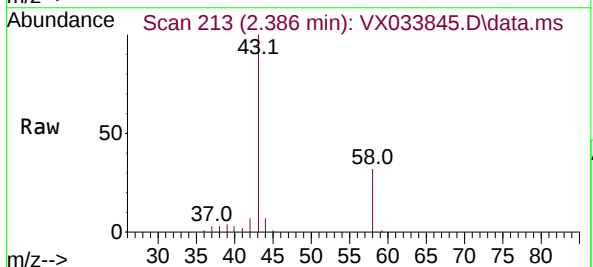
Instrument :  
MSVOA\_X  
ClientSampleId :  
PB150369ZHE#04

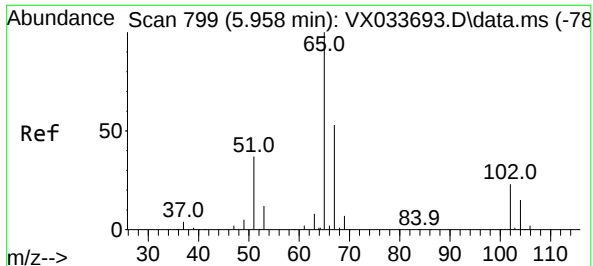
Tgt Ion:168 Resp: 160531  
Ion Ratio Lower Upper  
168 100  
99 48.2 39.6 59.4



#16  
Acetone  
Concen: 12.984 ug/l  
RT: 2.386 min Scan# 213  
Delta R.T. -0.012 min  
Lab File: VX033845.D  
Acq: 23 Jan 2023 13:37

Tgt Ion: 43 Resp: 15190  
Ion Ratio Lower Upper  
43 100  
58 31.9 22.6 33.8





#33

1,2-Dichloroethane-d4

Concen: 46.633 ug/l

RT: 5.958 min Scan# 799

Delta R.T. -0.000 min

Lab File: VX033845.D

Acq: 23 Jan 2023 13:37

Instrument :

MSVOA\_X

ClientSampleId :

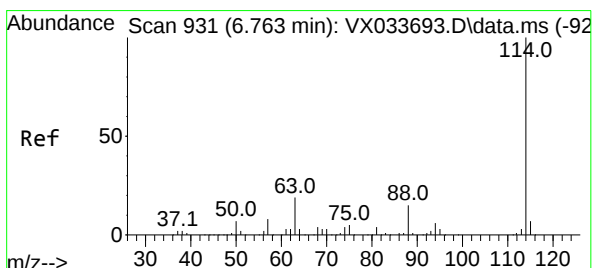
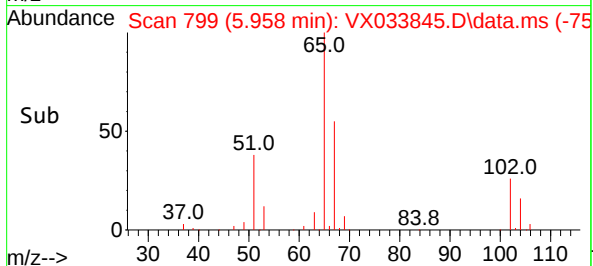
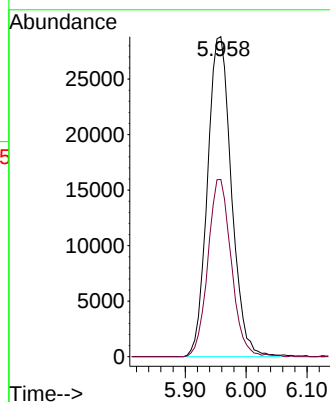
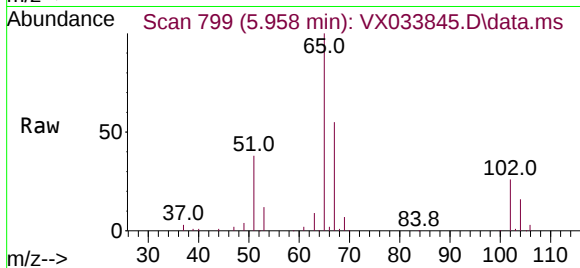
PB150369ZHE#04

Tgt Ion: 65 Resp: 78821

Ion Ratio Lower Upper

65 100

67 54.1 0.0 104.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.006 min

Lab File: VX033845.D

Acq: 23 Jan 2023 13:37

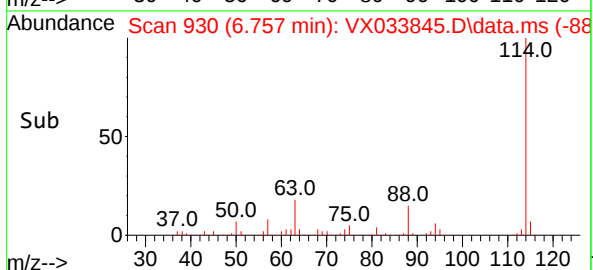
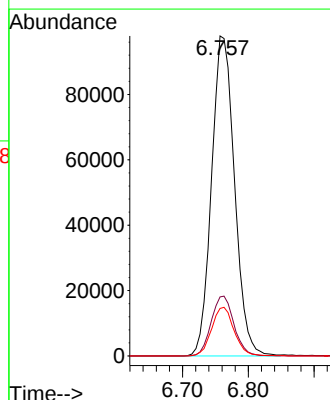
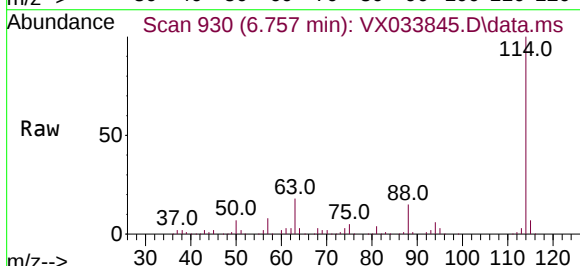
Tgt Ion: 114 Resp: 238159

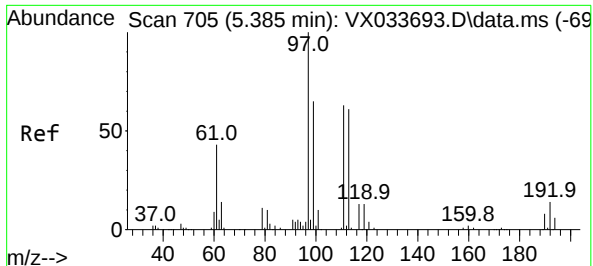
Ion Ratio Lower Upper

114 100

63 18.4 0.0 37.4

88 14.9 0.0 30.6

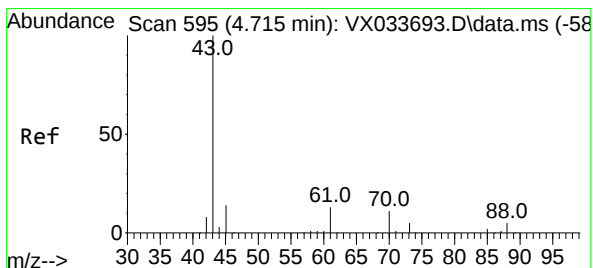
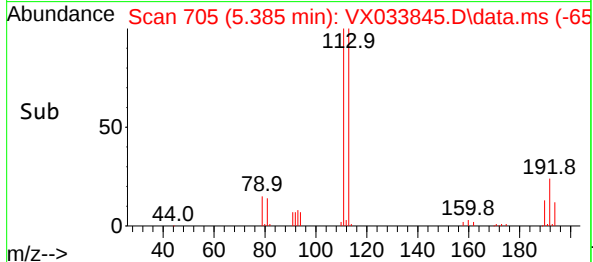
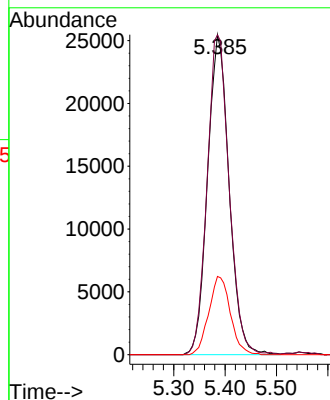
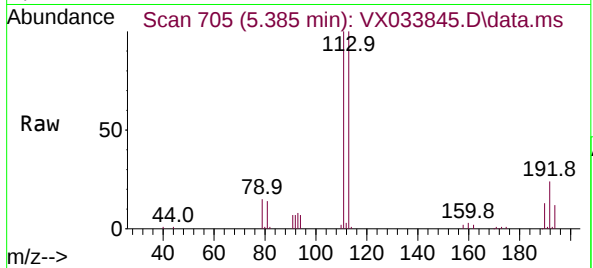




#35  
Dibromofluoromethane  
Concen: 50.092 ug/l  
RT: 5.385 min Scan# 705  
Delta R.T. -0.000 min  
Lab File: VX033845.D  
Acq: 23 Jan 2023 13:37

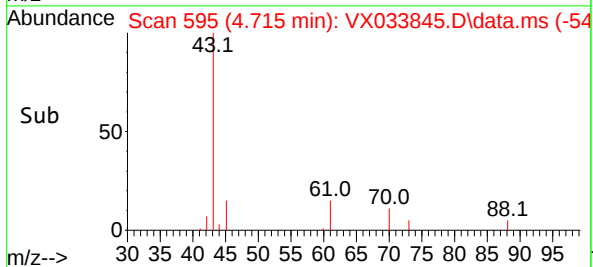
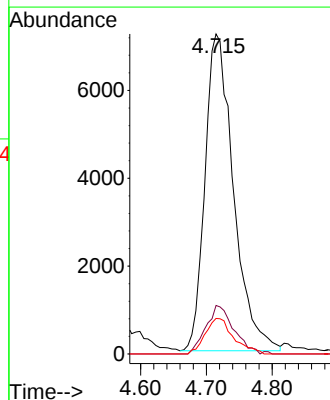
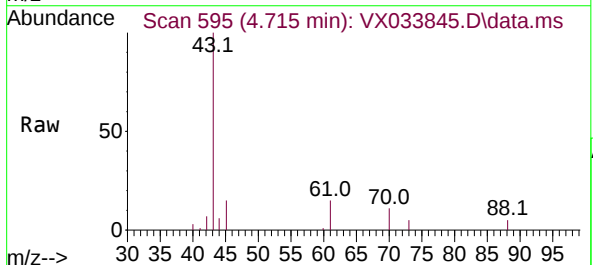
Instrument :  
MSVOA\_X  
ClientSampleId :  
PB150369ZHE#04

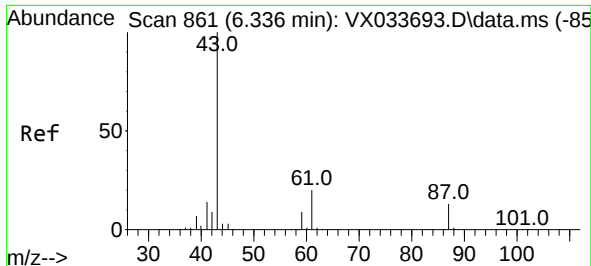
Tgt Ion:113 Resp: 74078  
Ion Ratio Lower Upper  
113 100  
111 101.9 83.0 124.6  
192 24.5 19.0 28.4



#37  
Ethyl Acetate  
Concen: 8.173 ug/l  
RT: 4.715 min Scan# 595  
Delta R.T. -0.000 min  
Lab File: VX033845.D  
Acq: 23 Jan 2023 13:37

Tgt Ion: 43 Resp: 21756  
Ion Ratio Lower Upper  
43 100  
61 15.0 11.1 16.7  
70 11.1 8.5 12.7

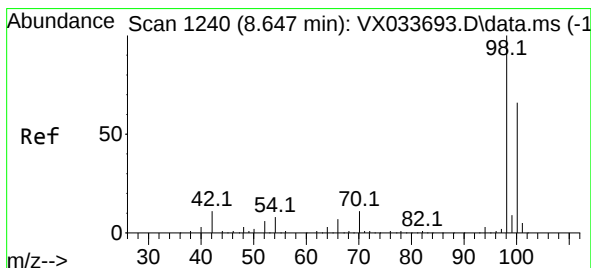
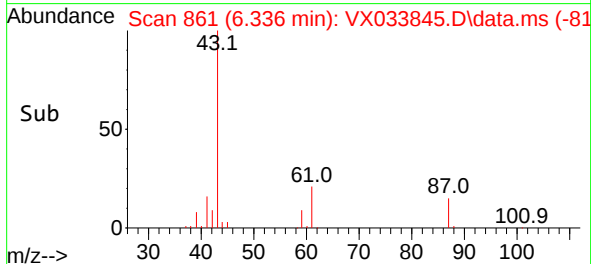
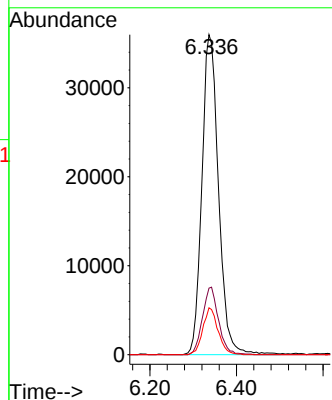
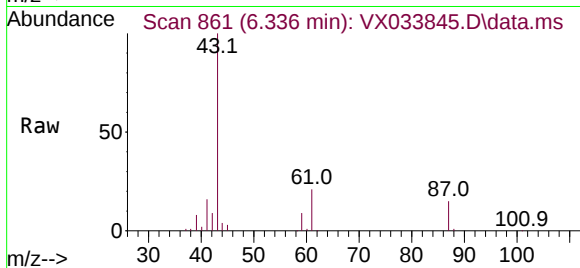




#43  
Isopropyl Acetate  
Concen: 28.178 ug/l  
RT: 6.336 min Scan# 861  
Delta R.T. -0.000 min  
Lab File: VX033845.D  
Acq: 23 Jan 2023 13:37

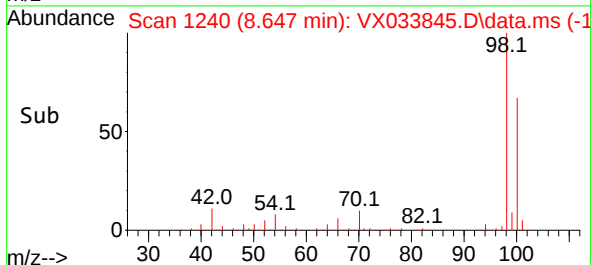
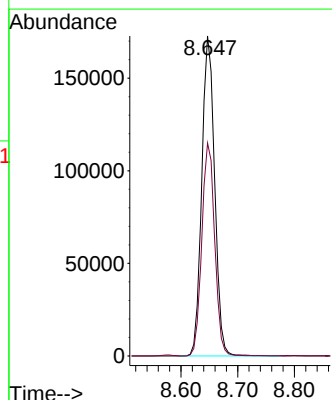
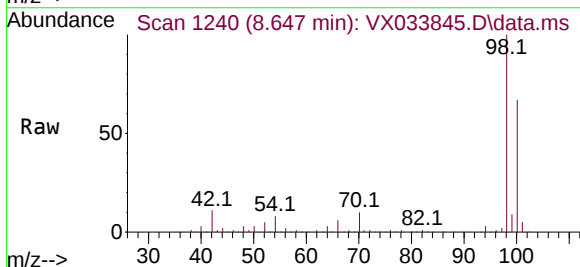
Instrument :  
MSVOA\_X  
ClientSampleId :  
PB150369ZHE#04

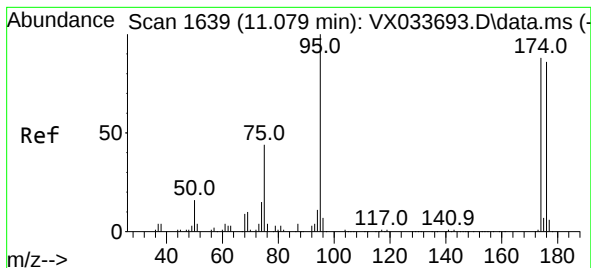
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 43    | Resp: | 96012 |
| Ion      | Ratio | Lower | Upper |
| 43       | 100   |       |       |
| 61       | 20.3  | 15.7  | 23.5  |
| 87       | 13.4  | 10.6  | 15.8  |



#50  
Toluene-d8  
Concen: 50.462 ug/l  
RT: 8.647 min Scan# 1240  
Delta R.T. -0.000 min  
Lab File: VX033845.D  
Acq: 23 Jan 2023 13:37

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 98    | Resp: | 271900 |
| Ion      | Ratio | Lower | Upper  |
| 98       | 100   |       |        |
| 100      | 66.8  | 53.6  | 80.4   |

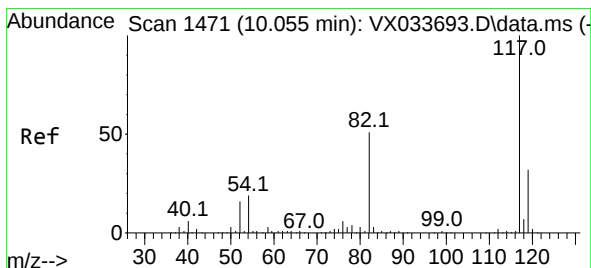
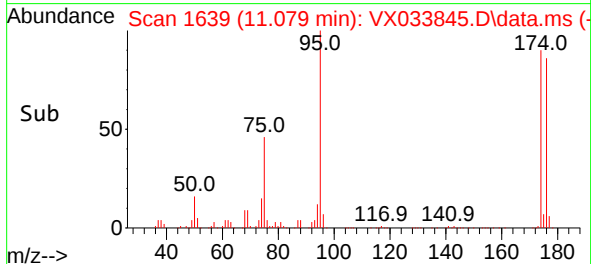
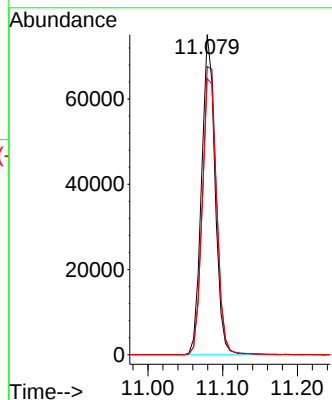
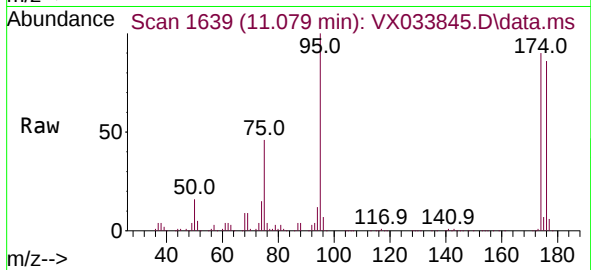




#62  
4-Bromofluorobenzene  
Concen: 47.040 ug/l  
RT: 11.079 min Scan# 1639  
Delta R.T. -0.000 min  
Lab File: VX033845.D  
Acq: 23 Jan 2023 13:37

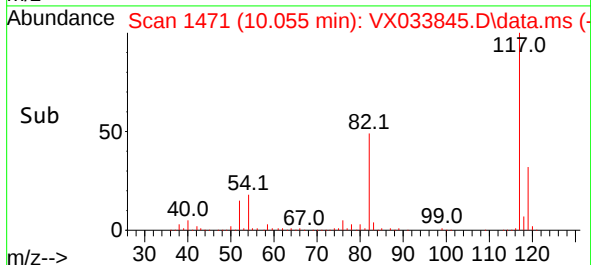
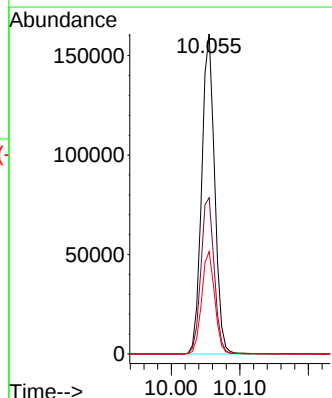
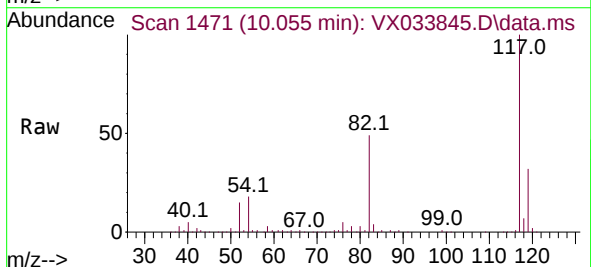
Instrument :  
MSVOA\_X  
ClientSampleId :  
PB150369ZHE#04

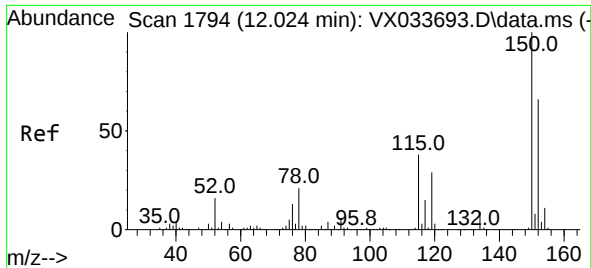
Tgt Ion: 95 Resp: 94105  
Ion Ratio Lower Upper  
95 100  
174 95.3 0.0 184.4  
176 92.5 0.0 178.8



#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.055 min Scan# 1471  
Delta R.T. 0.000 min  
Lab File: VX033845.D  
Acq: 23 Jan 2023 13:37

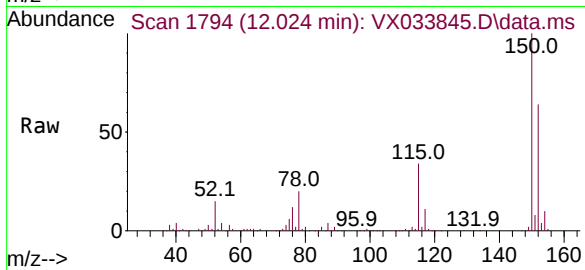
Tgt Ion: 117 Resp: 212306  
Ion Ratio Lower Upper  
117 100  
82 48.8 40.6 60.8  
119 32.0 25.6 38.4





#72  
 1,4-Dichlorobenzene-d4  
 Concen: 50.000 ug/l  
 RT: 12.024 min Scan# 11  
 Delta R.T. -0.000 min  
 Lab File: VX033845.D  
 Acq: 23 Jan 2023 13:37

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 PB150369ZHE#04



Tgt Ion:152 Resp: 102216  
 Ion Ratio Lower Upper  
 152 100  
 115 53.6 38.7 116.1  
 150 155.3 0.0 348.2

