

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX012424\  
 Data File : VX039935.D  
 Acq On : 24 Jan 2024 14:37  
 Operator : JC/MD  
 Sample : P1237-08  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 DUP-2-SUMOGW

Quant Time: Jan 25 01:39:08 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X011024W.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Jan 11 03:51:26 2024  
 Response via : Initial Calibration

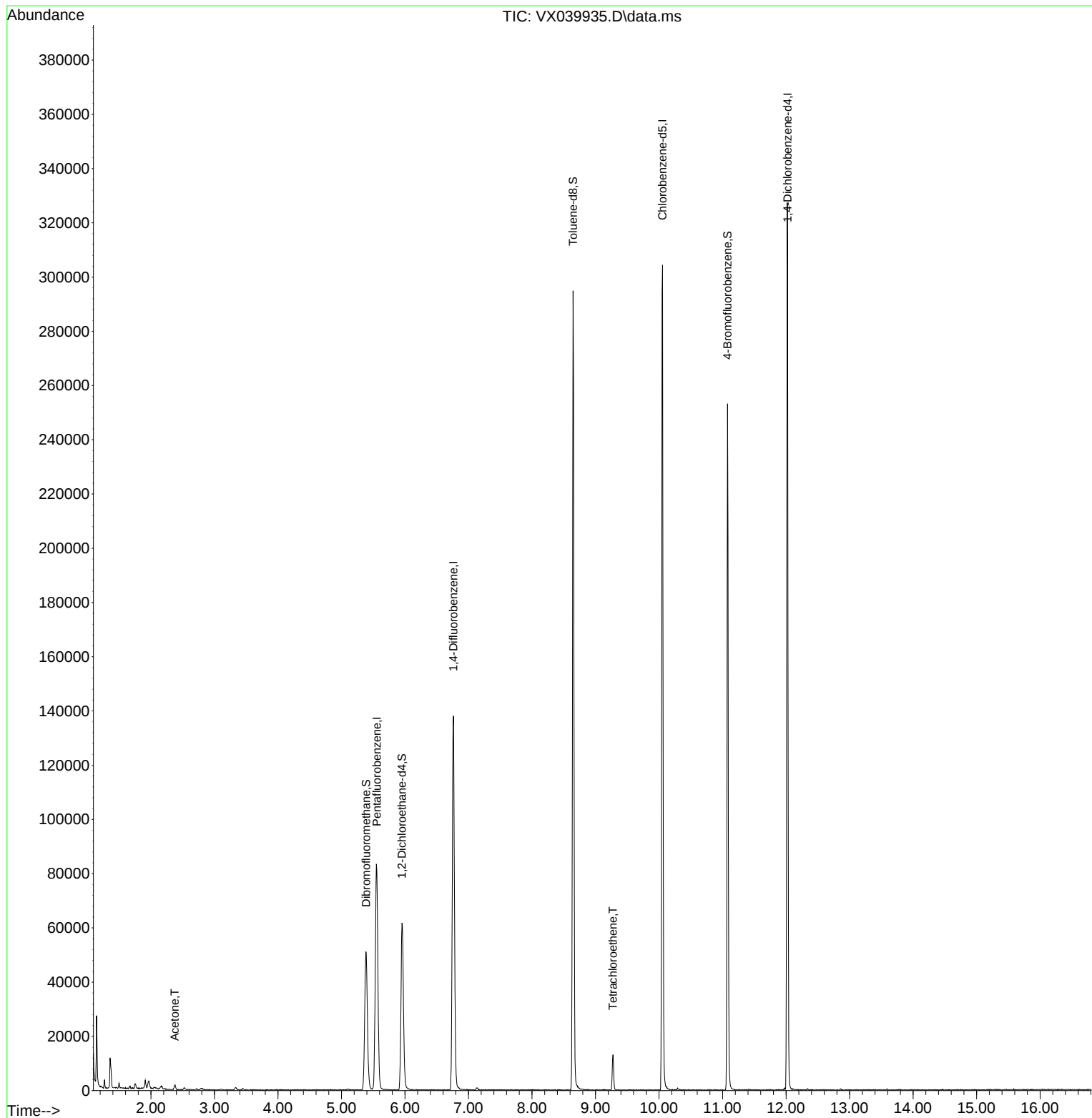
| Compound                    | R.T.   | QIon  | Response | Conc     | Units      | Dev(Min) |
|-----------------------------|--------|-------|----------|----------|------------|----------|
| -----                       |        |       |          |          |            |          |
| Internal Standards          |        |       |          |          |            |          |
| 1) Pentafluorobenzene       | 5.556  | 168   | 73173    | 50.000   | ug/l       | 0.00     |
| 34) 1,4-Difluorobenzene     | 6.763  | 114   | 134359   | 50.000   | ug/l       | 0.00     |
| 63) Chlorobenzene-d5        | 10.055 | 117   | 129586   | 50.000   | ug/l       | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 12.024 | 152   | 63108    | 50.000   | ug/l       | 0.00     |
|                             |        |       |          |          |            |          |
| System Monitoring Compounds |        |       |          |          |            |          |
| 33) 1,2-Dichloroethane-d4   | 5.952  | 65    | 61543    | 50.208   | ug/l       | 0.00     |
| Spiked Amount               | 50.000 | Range | 78 - 117 | Recovery | = 100.420% |          |
| 35) Dibromofluoromethane    | 5.385  | 113   | 44427    | 49.092   | ug/l       | 0.00     |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | = 98.180%  |          |
| 50) Toluene-d8              | 8.647  | 98    | 166881   | 48.894   | ug/l       | 0.00     |
| Spiked Amount               | 50.000 | Range | 92 - 112 | Recovery | = 97.780%  |          |
| 62) 4-Bromofluorobenzene    | 11.079 | 95    | 67090    | 50.266   | ug/l       | 0.00     |
| Spiked Amount               | 50.000 | Range | 83 - 123 | Recovery | = 100.540% |          |
|                             |        |       |          |          |            |          |
| Target Compounds            |        |       |          |          |            | Qvalue   |
| 16) Acetone                 | 2.373  | 43    | 1756     | 2.547    | ug/l       | 94       |
| 64) Tetrachloroethene       | 9.275  | 164   | 2285     | 2.712    | ug/l       | 94       |
| -----                       |        |       |          |          |            |          |

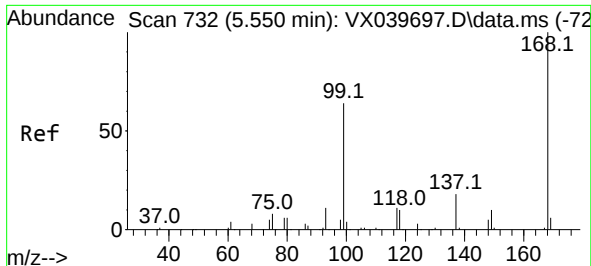
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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DUP-2-SUMOGW

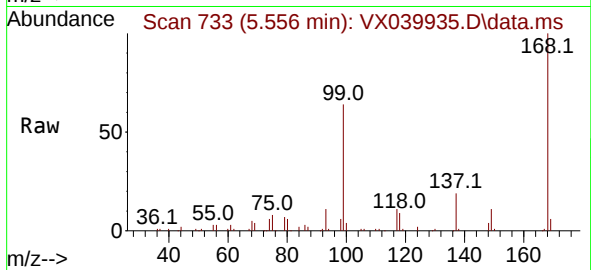
Quant Time: Jan 25 01:39:08 2024  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X011024W.M  
Quant Title : SW846 8260  
QLast Update : Thu Jan 11 03:51:26 2024  
Response via : Initial Calibration



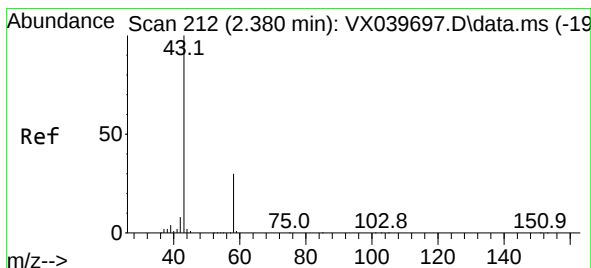
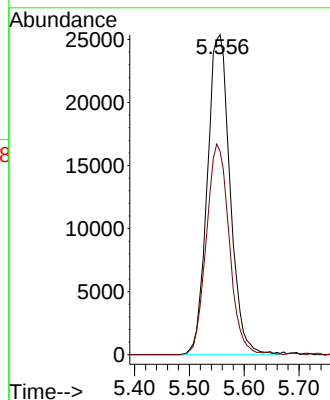
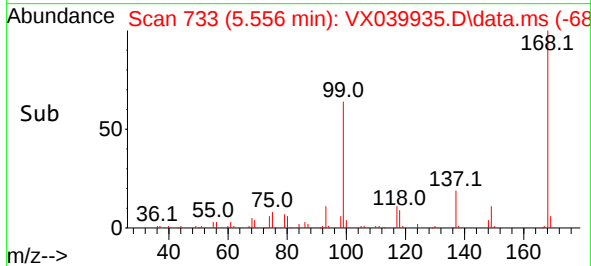


#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.556 min Scan# 71  
Delta R.T. 0.006 min  
Lab File: VX039935.D  
Acq: 24 Jan 2024 14:37

Instrument :  
MSVOA\_X  
ClientSampleId :  
DUP-2-SUMOGW

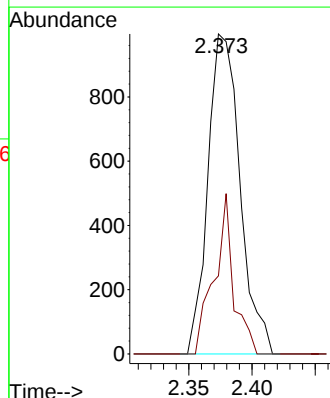
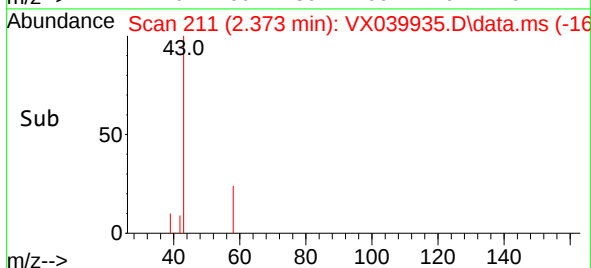
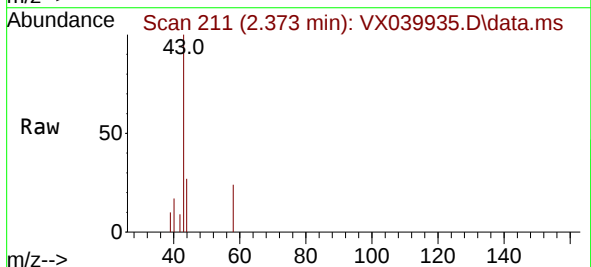


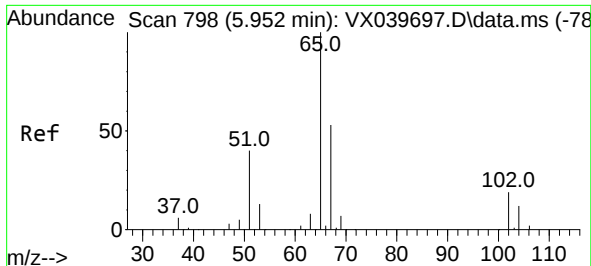
Tgt Ion:168 Resp: 73173  
Ion Ratio Lower Upper  
168 100  
99 63.5 56.6 85.0



#16  
Acetone  
Concen: 2.547 ug/l  
RT: 2.373 min Scan# 211  
Delta R.T. -0.006 min  
Lab File: VX039935.D  
Acq: 24 Jan 2024 14:37

Tgt Ion: 43 Resp: 1756  
Ion Ratio Lower Upper  
43 100  
58 24.4 21.9 32.9





#33

1,2-Dichloroethane-d4

Concen: 50.208 ug/l

RT: 5.952 min Scan# 798

Delta R.T. -0.000 min

Lab File: VX039935.D

Acq: 24 Jan 2024 14:37

Instrument :

MSVOA\_X

ClientSampleId :

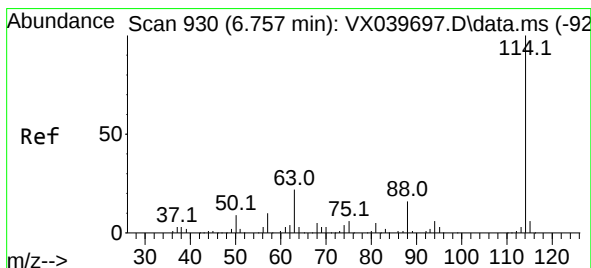
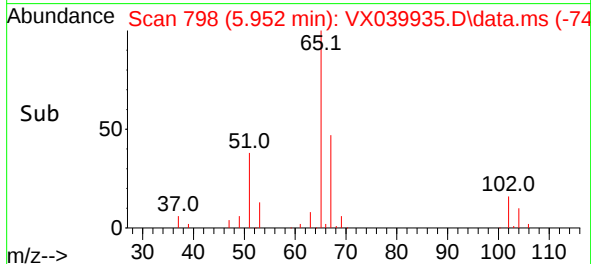
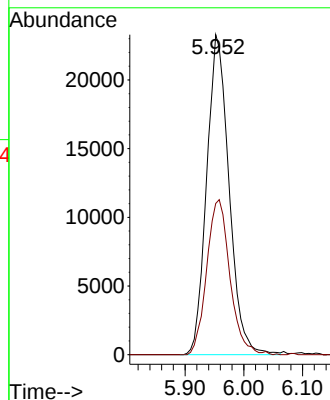
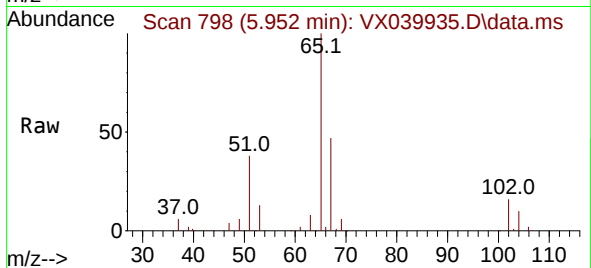
DUP-2-SUMOGW

Tgt Ion: 65 Resp: 61543

Ion Ratio Lower Upper

65 100

67 50.3 0.0 100.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.006 min

Lab File: VX039935.D

Acq: 24 Jan 2024 14:37

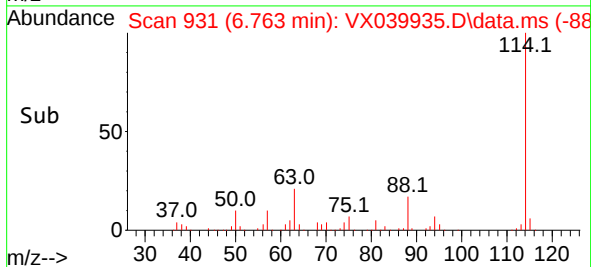
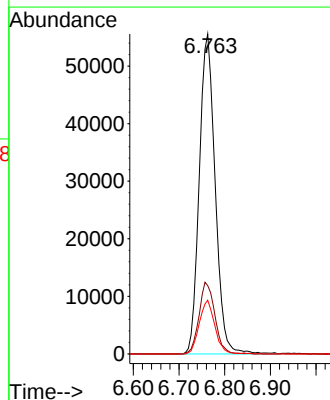
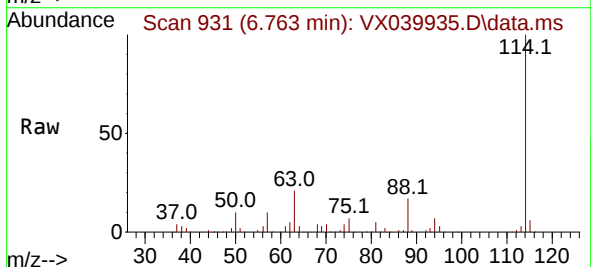
Tgt Ion: 114 Resp: 134359

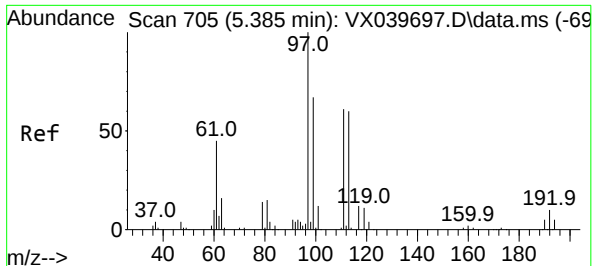
Ion Ratio Lower Upper

114 100

63 21.4 0.0 45.0

88 16.8 0.0 36.6





#35

Dibromofluoromethane

Concen: 49.092 ug/l

RT: 5.385 min Scan# 705

Delta R.T. -0.000 min

Lab File: VX039935.D

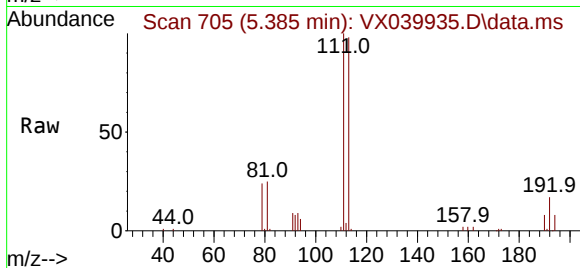
Acq: 24 Jan 2024 14:37

Instrument :

MSVOA\_X

ClientSampleId :

DUP-2-SUMOGW



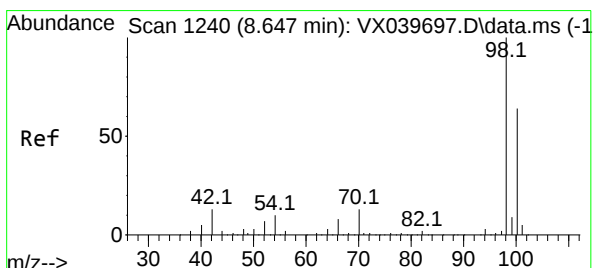
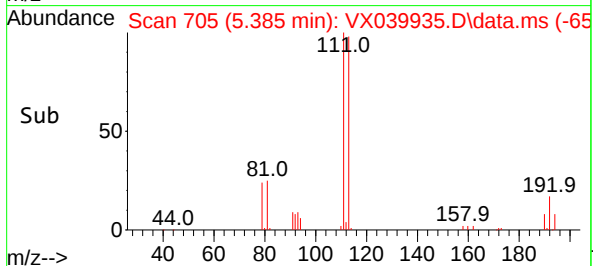
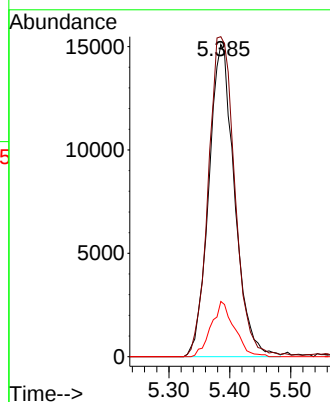
Tgt Ion:113 Resp: 44427

Ion Ratio Lower Upper

113 100

111 105.7 82.9 124.3

192 15.9 13.3 19.9



#50

Toluene-d8

Concen: 48.894 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. -0.000 min

Lab File: VX039935.D

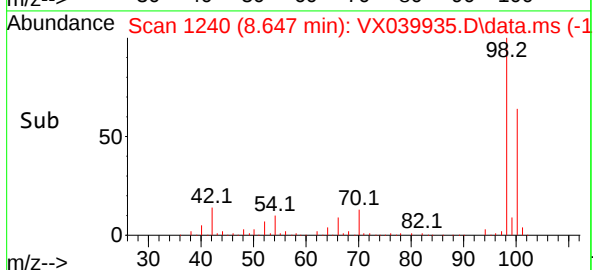
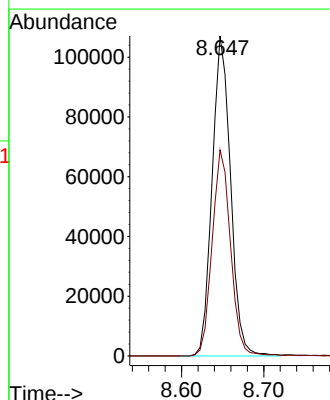
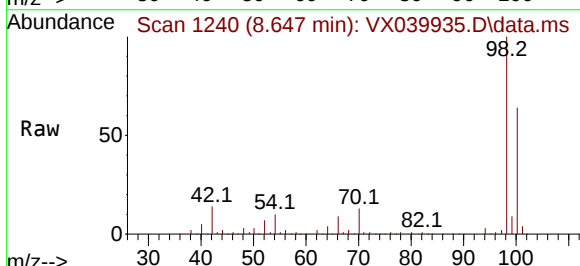
Acq: 24 Jan 2024 14:37

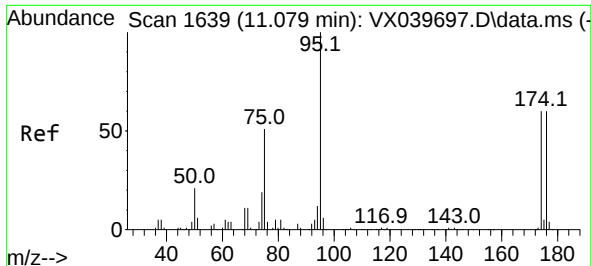
Tgt Ion: 98 Resp: 166881

Ion Ratio Lower Upper

98 100

100 64.3 53.1 79.7





#62

4-Bromofluorobenzene

Concen: 50.266 ug/l

RT: 11.079 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX039935.D

Acq: 24 Jan 2024 14:37

Instrument :

MSVOA\_X

ClientSampleId :

DUP-2-SUMOGW

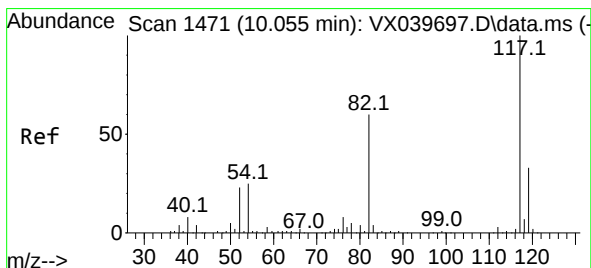
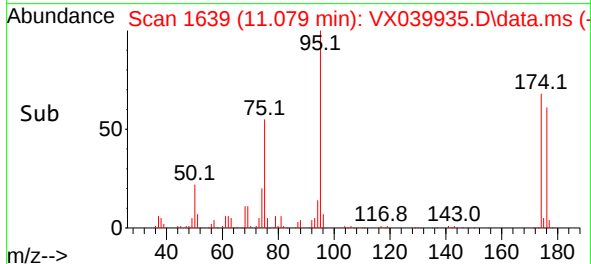
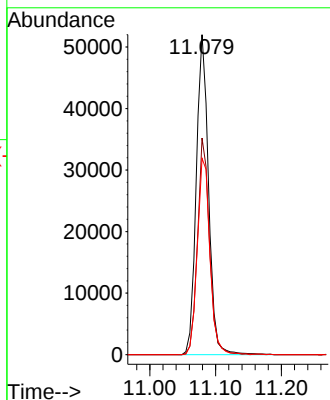
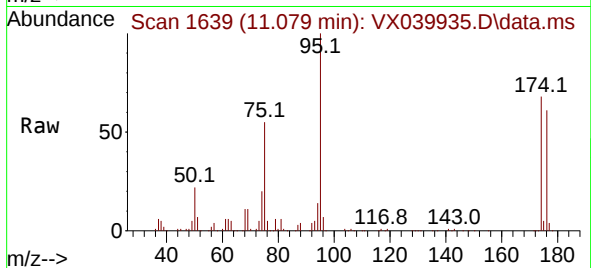
Tgt Ion: 95 Resp: 67090

Ion Ratio Lower Upper

95 100

174 66.6 0.0 135.6

176 63.3 0.0 131.0



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. -0.000 min

Lab File: VX039935.D

Acq: 24 Jan 2024 14:37

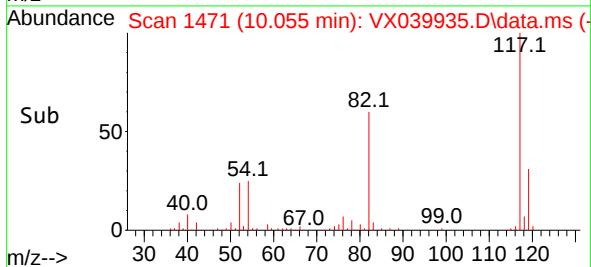
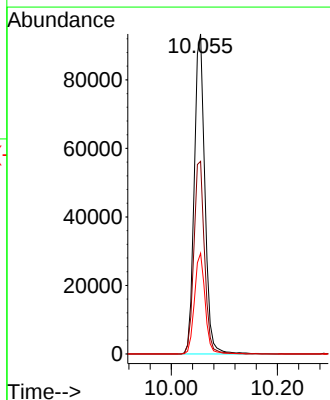
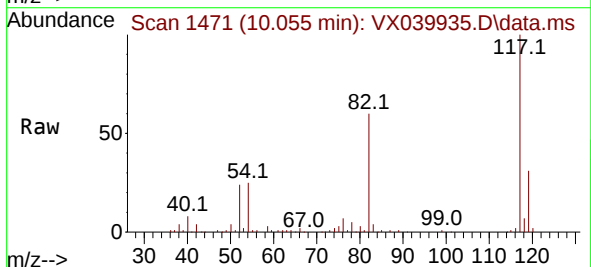
Tgt Ion: 117 Resp: 129586

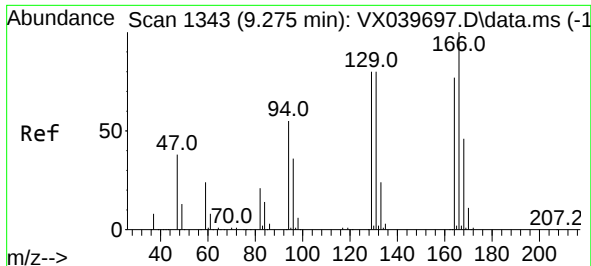
Ion Ratio Lower Upper

117 100

82 60.2 46.2 69.4

119 31.5 25.5 38.3



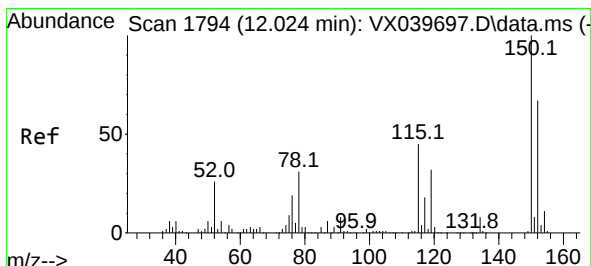
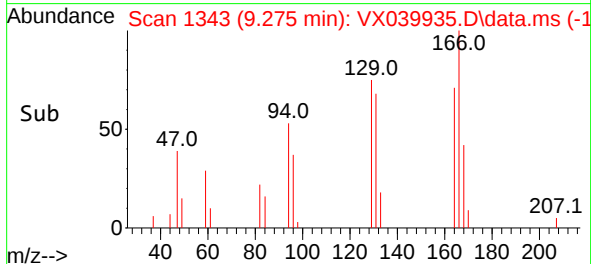
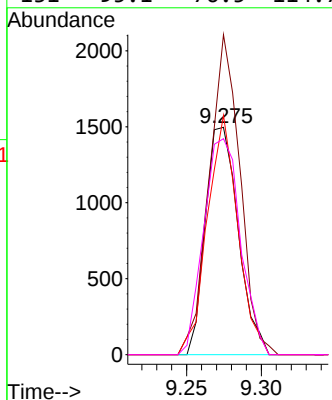
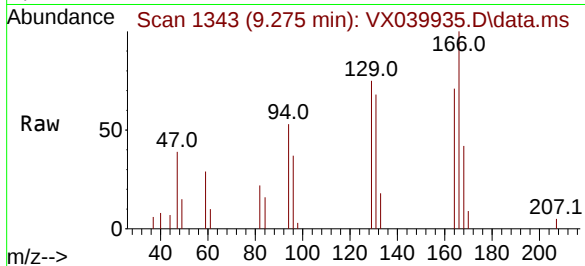


#64  
Tetrachloroethene  
Concen: 2.712 ug/l  
RT: 9.275 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VX039935.D  
Acq: 24 Jan 2024 14:37

Instrument :  
MSVOA\_X  
ClientSampleId :  
DUP-2-SUMOGW

Tgt Ion:164 Resp: 2285

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 164 | 100   |       |       |
| 166 | 140.8 | 102.7 | 154.1 |
| 129 | 105.3 | 80.4  | 120.6 |
| 131 | 95.1  | 76.5  | 114.7 |



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 12.024 min Scan# 1794  
Delta R.T. -0.000 min  
Lab File: VX039935.D  
Acq: 24 Jan 2024 14:37

Tgt Ion:152 Resp: 63108

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 152 | 100   |       |       |
| 115 | 66.2  | 43.3  | 129.9 |
| 150 | 156.5 | 0.0   | 345.0 |

