

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX122324\  
 Data File : VX044470.D  
 Acq On : 23 Dec 2024 11:27  
 Operator : JC/MD  
 Sample : P5317-06 50X  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 DUP-04-20241216

Quant Time: Dec 23 21:53:26 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X121124W.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Dec 12 04:28:14 2024  
 Response via : Initial Calibration

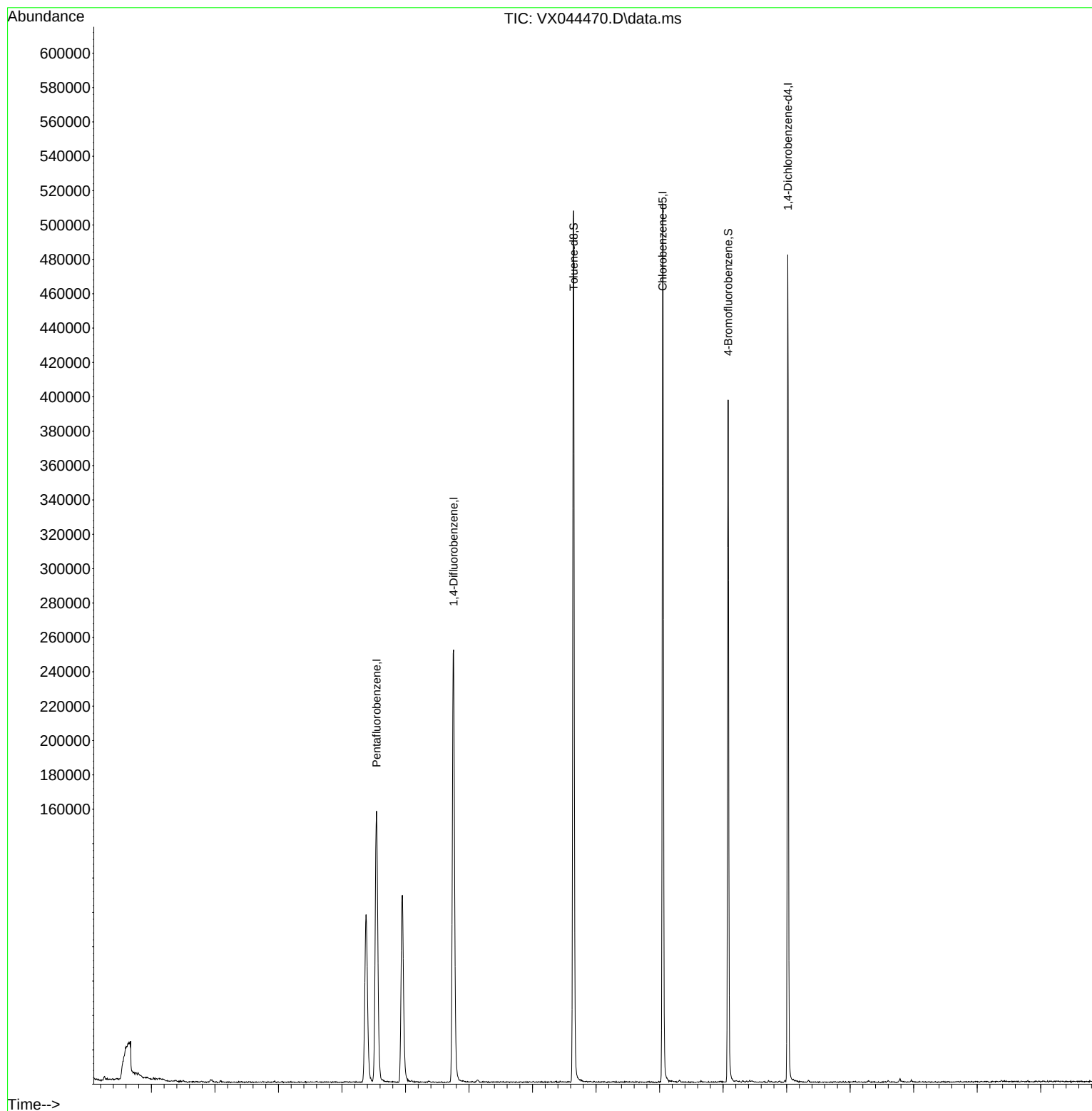
| Compound                    | R.T.           | QIon | Response   | Conc     | Units | Dev(Min)  |
|-----------------------------|----------------|------|------------|----------|-------|-----------|
| -----                       |                |      |            |          |       |           |
| Internal Standards          |                |      |            |          |       |           |
| 1) Pentafluorobenzene       | 5.544          | 168  | 149470     | 50.000   | ug/l  | 0.00      |
| 34) 1,4-Difluorobenzene     | 6.757          | 114  | 262548     | 50.000   | ug/l  | 0.00      |
| 63) Chlorobenzene-d5        | 10.049         | 117  | 227393     | 50.000   | ug/l  | 0.00      |
| 72) 1,4-Dichlorobenzene-d4  | 12.018         | 152  | 96375      | 50.000   | ug/l  | 0.00      |
|                             |                |      |            |          |       |           |
| System Monitoring Compounds |                |      |            |          |       |           |
| 33) 1,2-Dichloroethane-d4   | 5.952          | 65   | 105345     | 40.197   | ug/l  | 0.00      |
| Spiked Amount 50.000        | Range 74 - 125 |      | Recovery = | 80.400%  |       |           |
| 35) Dibromofluoromethane    | 5.379          | 113  | 85735      | 47.149   | ug/l  | 0.00      |
| Spiked Amount 50.000        | Range 75 - 124 |      | Recovery = | 94.300%  |       |           |
| 50) Toluene-d8              | 8.647          | 98   | 312038     | 50.864   | ug/l  | 0.00      |
| Spiked Amount 50.000        | Range 86 - 113 |      | Recovery = | 101.720% |       |           |
| 62) 4-Bromofluorobenzene    | 11.079         | 95   | 100572     | 46.917   | ug/l  | 0.00      |
| Spiked Amount 50.000        | Range 77 - 121 |      | Recovery = | 93.840%  |       |           |
|                             |                |      |            |          |       |           |
| Target Compounds            |                |      |            |          |       |           |
| 44) Trichloroethene         | 7.141          | 130  | 515        | 0.289    | ug/l  | Qvalue 86 |
| -----                       |                |      |            |          |       |           |

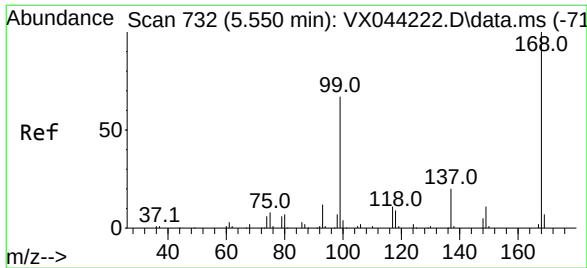
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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MSVOA\_X  
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DUP-04-20241216

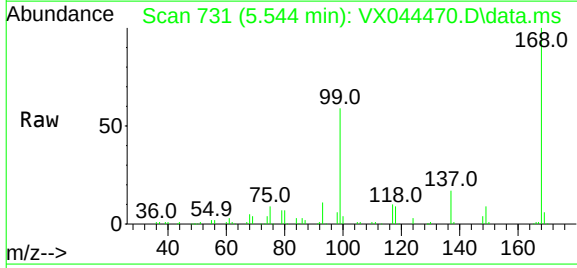
Quant Time: Dec 23 21:53:26 2024  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X121124W.M  
Quant Title : SW846 8260  
QLast Update : Thu Dec 12 04:28:14 2024  
Response via : Initial Calibration



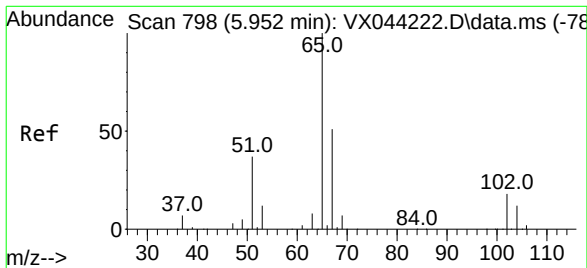
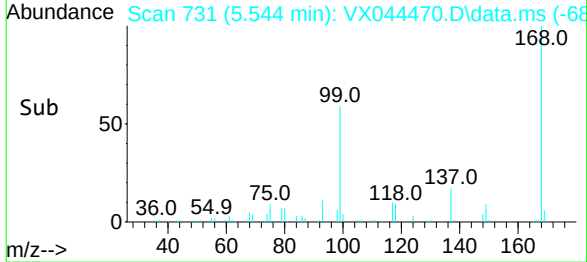
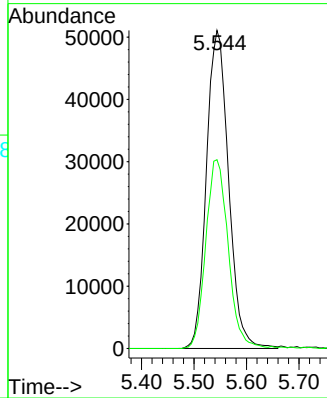


#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.544 min Scan# 731  
Delta R.T. -0.006 min  
Lab File: VX044470.D  
Acq: 23 Dec 2024 11:27

Instrument :  
MSVOA\_X  
ClientSampleId :  
DUP-04-20241216

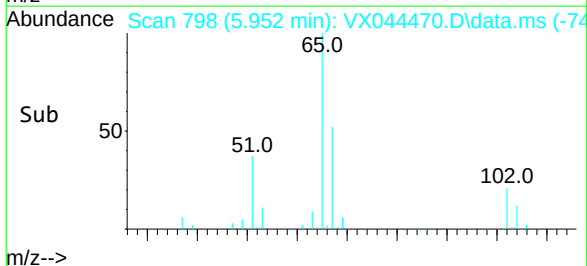
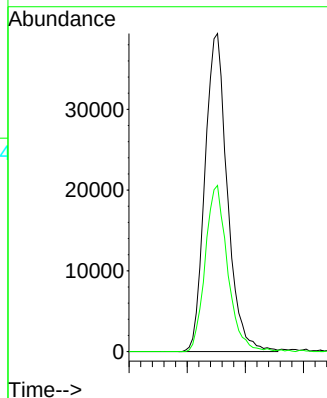
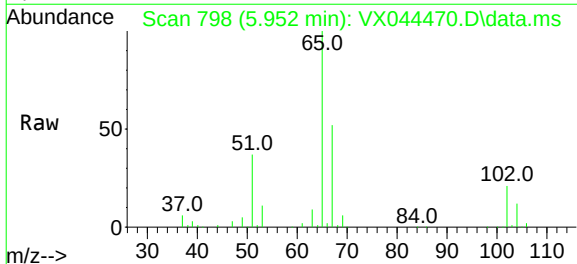


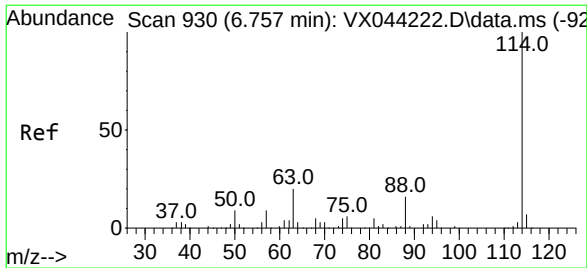
Tgt Ion:168 Resp: 149470  
Ion Ratio Lower Upper  
168 100  
99 59.4 53.4 80.0



#33  
1,2-Dichloroethane-d4  
Concen: 40.197 ug/l  
RT: 5.952 min Scan# 798  
Delta R.T. -0.000 min  
Lab File: VX044470.D  
Acq: 23 Dec 2024 11:27

Tgt Ion: 65 Resp: 105345  
Ion Ratio Lower Upper  
65 100  
67 52.2 0.0 101.6

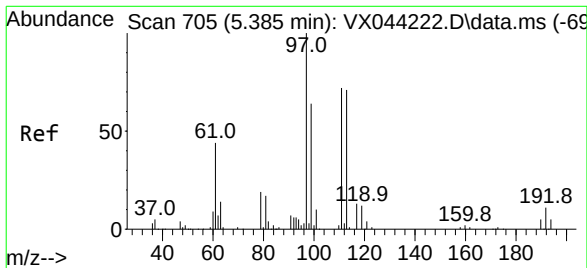
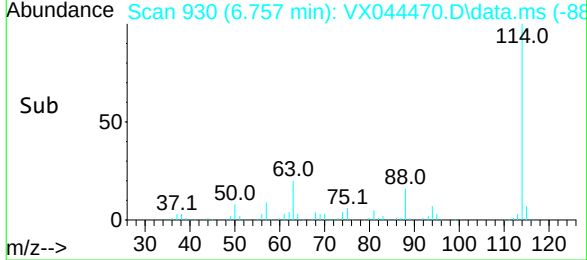
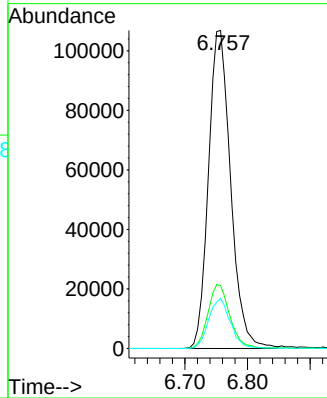
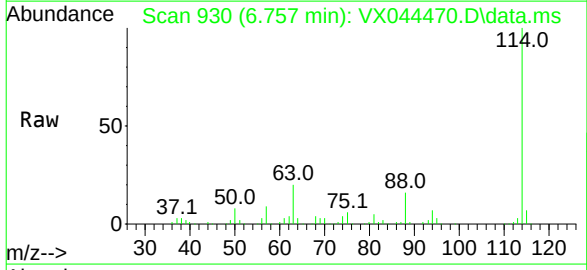




#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 6.757 min Scan# 93  
Delta R.T. -0.000 min  
Lab File: VX044470.D  
Acq: 23 Dec 2024 11:27

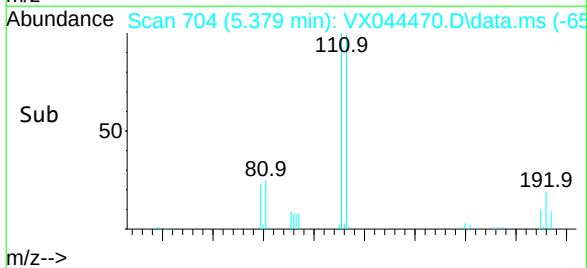
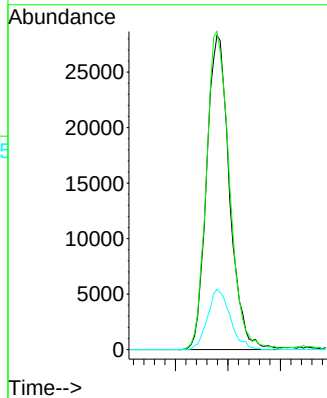
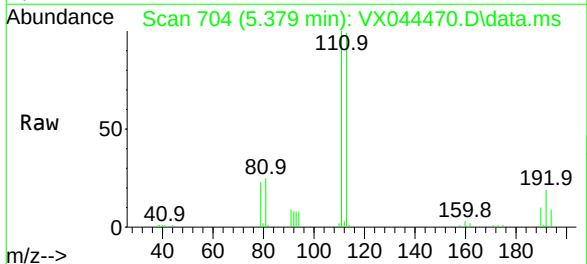
Instrument :  
MSVOA\_X  
ClientSampleId :  
DUP-04-20241216

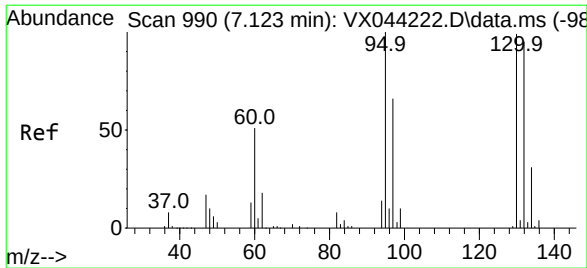
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 114   | Resp: | 262548 |
| Ion      | Ratio | Lower | Upper  |
| 114      | 100   |       |        |
| 63       | 19.8  | 0.0   | 40.6   |
| 88       | 15.8  | 0.0   | 31.8   |



#35  
Dibromofluoromethane  
Concen: 47.149 ug/l  
RT: 5.379 min Scan# 704  
Delta R.T. -0.006 min  
Lab File: VX044470.D  
Acq: 23 Dec 2024 11:27

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 113   | Resp: | 85735 |
| Ion      | Ratio | Lower | Upper |
| 113      | 100   |       |       |
| 111      | 102.4 | 80.4  | 120.6 |
| 192      | 19.0  | 13.3  | 19.9  |

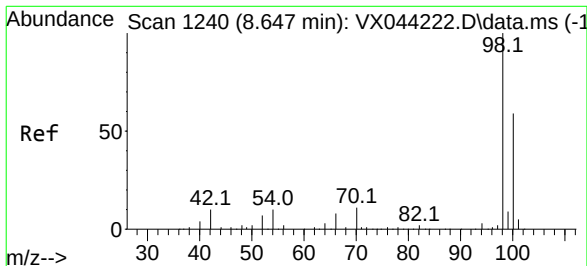
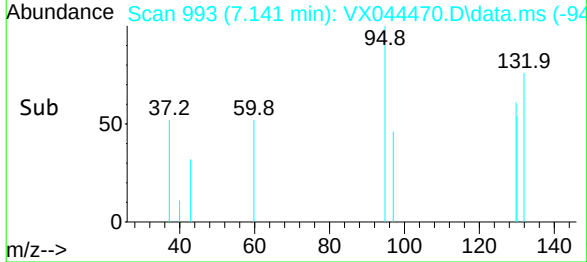
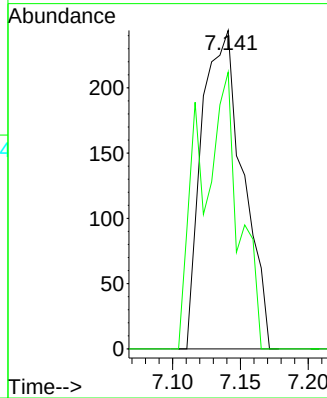
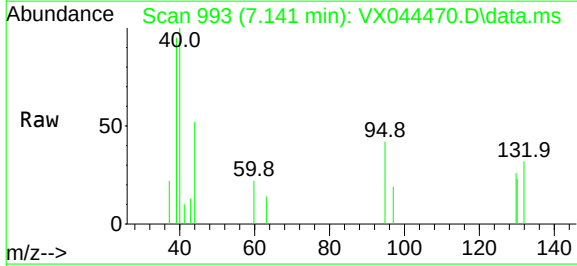




#44  
Trichloroethene  
Concen: 0.289 ug/l  
RT: 7.141 min Scan# 99  
Delta R.T. 0.018 min  
Lab File: VX044470.D  
Acq: 23 Dec 2024 11:27

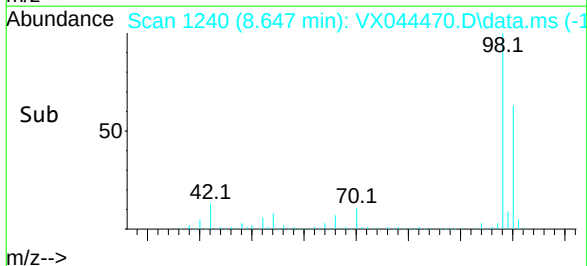
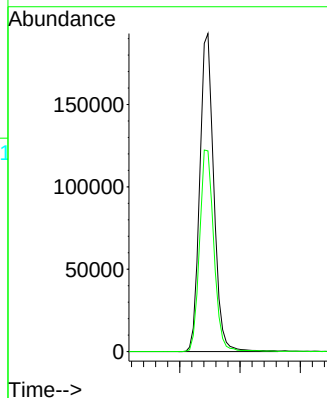
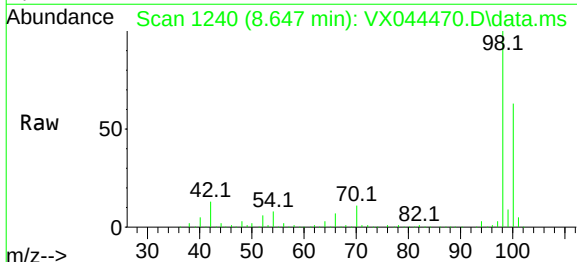
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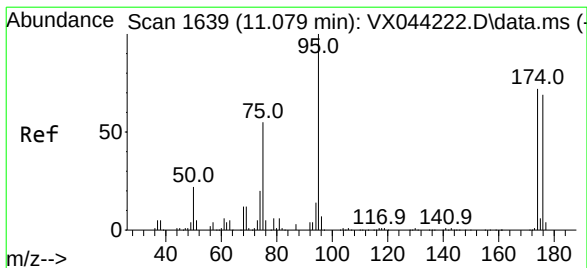
Tgt Ion:130 Resp: 515  
Ion Ratio Lower Upper  
130 100  
95 86.9 0.0 201.4



#50  
Toluene-d8  
Concen: 50.864 ug/l  
RT: 8.647 min Scan# 1240  
Delta R.T. -0.000 min  
Lab File: VX044470.D  
Acq: 23 Dec 2024 11:27

Tgt Ion: 98 Resp: 312038  
Ion Ratio Lower Upper  
98 100  
100 64.5 51.5 77.3





#62

4-Bromofluorobenzene

Concen: 46.917 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.000 min

Lab File: VX044470.D

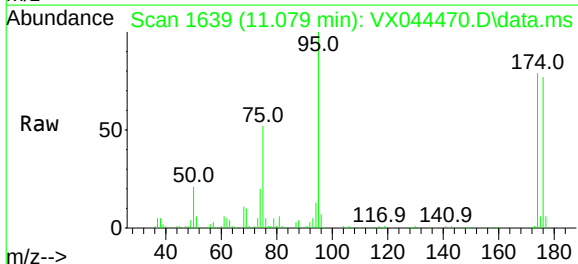
Acq: 23 Dec 2024 11:27

Instrument :

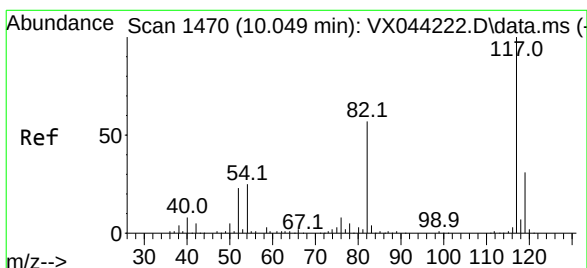
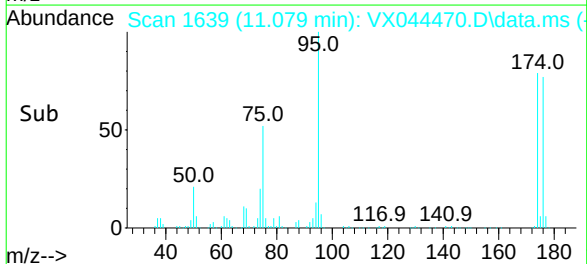
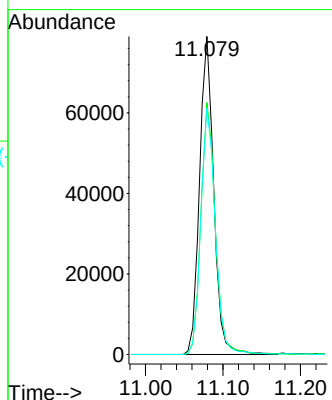
MSVOA\_X

ClientSampleId :

DUP-04-20241216



| Tgt Ion:  | 95    | Resp: | 100572 |
|-----------|-------|-------|--------|
| Ion Ratio | 100   |       |        |
| Lower     | 0.0   |       |        |
| Upper     | 145.8 |       |        |
| 174       | 80.5  |       |        |
| 176       | 79.4  |       |        |
| 137.8     |       |       |        |



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

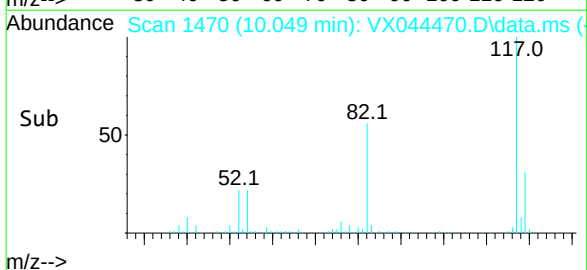
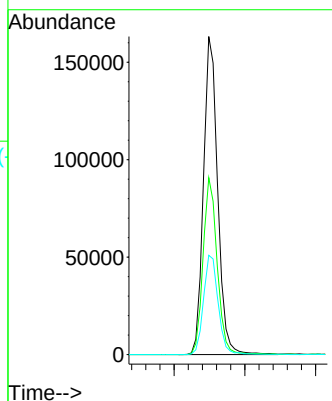
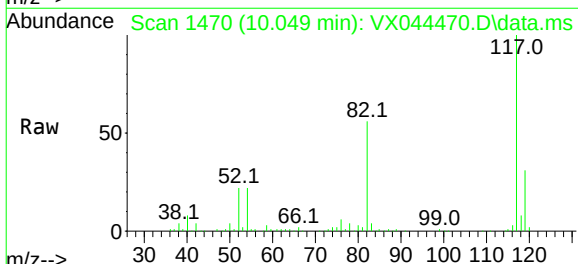
RT: 10.049 min Scan# 1470

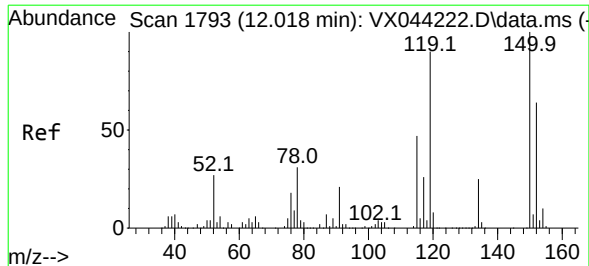
Delta R.T. -0.000 min

Lab File: VX044470.D

Acq: 23 Dec 2024 11:27

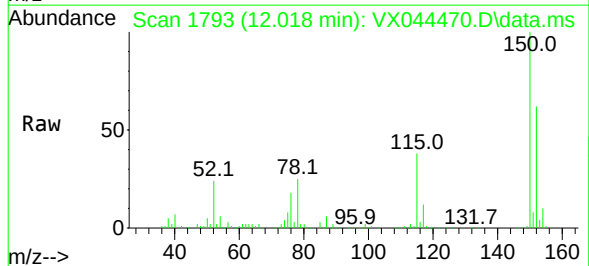
| Tgt Ion:  | 117  | Resp: | 227393 |
|-----------|------|-------|--------|
| Ion Ratio | 100  |       |        |
| Lower     | 45.8 |       |        |
| Upper     | 68.8 |       |        |
| 82        | 55.6 |       |        |
| 119       | 31.2 |       |        |
| 37.4      |      |       |        |





#72  
 1,4-Dichlorobenzene-d4  
 Concen: 50.000 ug/l  
 RT: 12.018 min Scan# 17  
 Delta R.T. -0.000 min  
 Lab File: VX044470.D  
 Acq: 23 Dec 2024 11:27

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 DUP-04-20241216



|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 152   | Resp: | 96375 |
| Ion      | Ratio | Lower | Upper |
| 152      | 100   |       |       |
| 115      | 59.2  | 44.5  | 133.3 |
| 150      | 159.7 | 0.0   | 353.8 |

