

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX121624\  
 Data File : VX044325.D  
 Acq On : 16 Dec 2024 15:43  
 Operator : JC/MD  
 Sample : P5261-15DL 10X  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 19 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 RE125D2-20241210DL

Quant Time: Dec 17 00:51:39 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

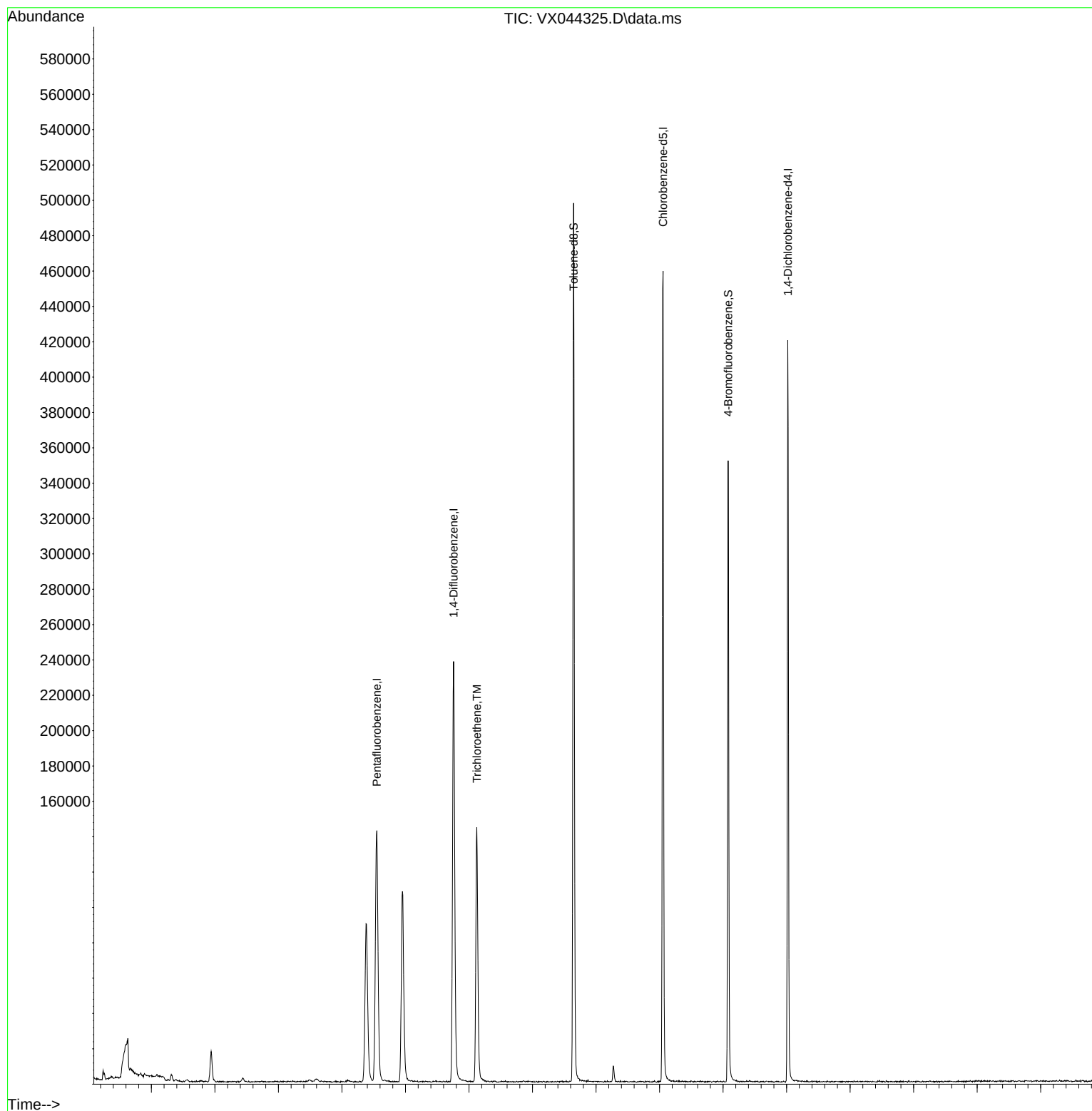
| Compound                     | R.T.           | QIon | Response   | Conc     | Units  | Dev(Min) |
|------------------------------|----------------|------|------------|----------|--------|----------|
| -----                        |                |      |            |          |        |          |
| Internal Standards           |                |      |            |          |        |          |
| 1) Pentafluorobenzene        | 5.550          | 168  | 127800     | 50.000   | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene      | 6.757          | 114  | 235549     | 50.000   | ug/l   | 0.00     |
| 63) Chlorobenzene-d5         | 10.055         | 117  | 201274     | 50.000   | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4   | 12.018         | 152  | 78713      | 50.000   | ug/l   | 0.00     |
|                              |                |      |            |          |        |          |
| System Monitoring Compounds  |                |      |            |          |        |          |
| 33) 1,2-Dichloroethane-d4    | 5.952          | 65   | 106337     | 47.456   | ug/l   | 0.00     |
| Spiked Amount 50.000         | Range 74 - 125 |      | Recovery = | 94.920%  |        |          |
| 35) Dibromofluoromethane     | 5.379          | 113  | 77095      | 47.257   | ug/l   | 0.00     |
| Spiked Amount 50.000         | Range 75 - 124 |      | Recovery = | 94.520%  |        |          |
| 50) Toluene-d8               | 8.647          | 98   | 286322     | 52.022   | ug/l   | 0.00     |
| Spiked Amount 50.000         | Range 86 - 113 |      | Recovery = | 104.040% |        |          |
| 62) 4-Bromofluorobenzene     | 11.079         | 95   | 89801      | 46.694   | ug/l   | 0.00     |
| Spiked Amount 50.000         | Range 77 - 121 |      | Recovery = | 93.380%  |        |          |
|                              |                |      |            |          |        |          |
| Target Compounds             |                |      |            |          |        |          |
| 9) 1,1,2-Trichlorotrifluo... | 2.325          | 101  | 1060       | 0.680    | ug/l   | 94       |
| 12) 1,1-Dichloroethene       | 2.307          | 96   | 405        | 0.283    | ug/l   | 83       |
| 16) Acetone                  | 2.386          | 43   | 721        | 0.789    | ug/l   | 100      |
| 27) cis-1,2-Dichloroethene   | 4.489          | 96   | 743        | 0.384    | ug/l   | 85       |
| 44) Trichloroethene          | 7.123          | 130  | 55846      | 34.977   | ug/l   | 94       |
| 64) Tetrachloroethene        | 9.275          | 164  | 1655       | 1.239    | ug/l # | 79       |
| -----                        |                |      |            |          |        |          |

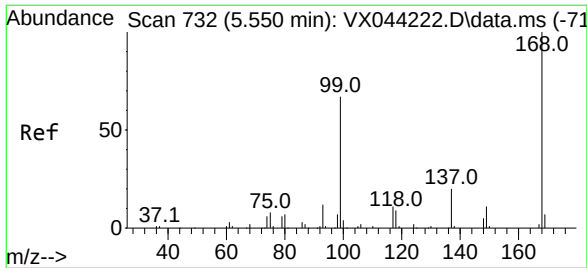
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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MSVOA\_X  
ClientSampleId :  
RE125D2-20241210DL

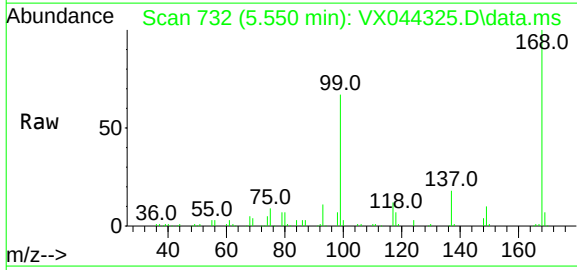
Quant Time: Dec 17 00:51:39 2024  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X121124W.M  
Quant Title : SW846 8260  
QLast Update : Thu Dec 12 04:28:14 2024  
Response via : Initial Calibration



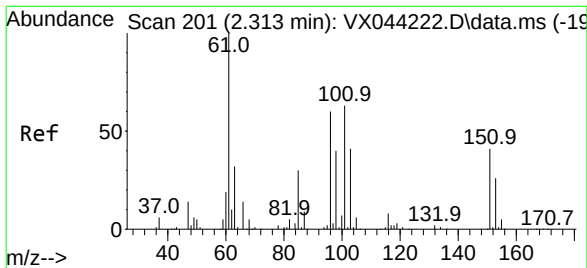
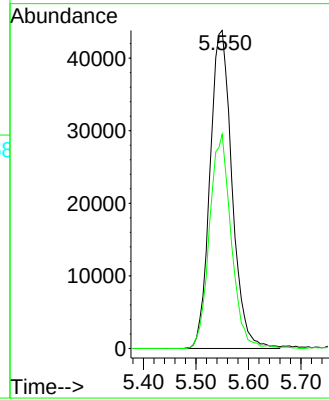
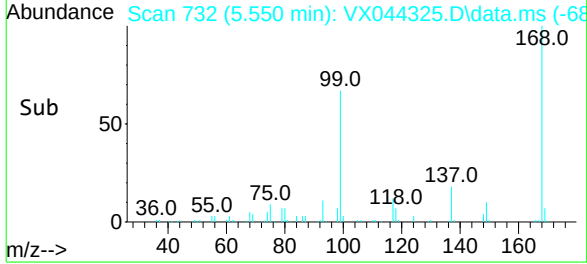


#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.550 min Scan# 732  
Delta R.T. -0.000 min  
Lab File: VX044325.D  
Acq: 16 Dec 2024 15:43

Instrument :  
MSVOA\_X  
ClientSampleId :  
RE125D2-20241210DL

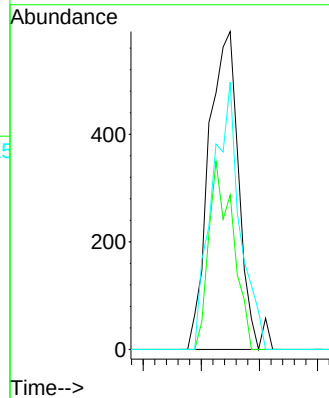
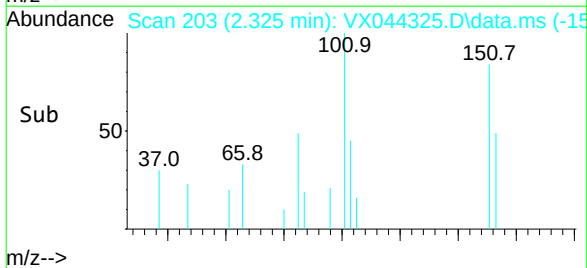
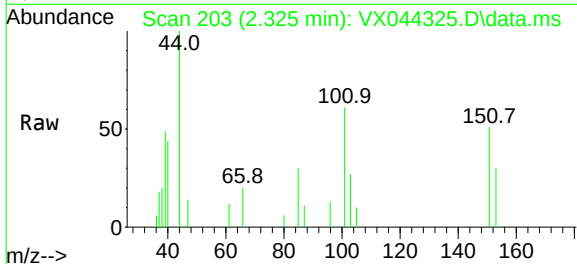


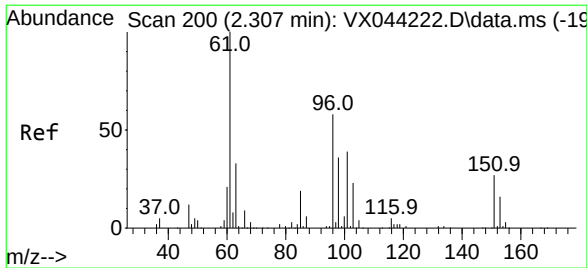
Tgt Ion:168 Resp: 127800  
Ion Ratio Lower Upper  
168 100  
99 67.3 53.4 80.0



#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 0.680 ug/l  
RT: 2.325 min Scan# 203  
Delta R.T. 0.012 min  
Lab File: VX044325.D  
Acq: 16 Dec 2024 15:43

Tgt Ion:101 Resp: 1060  
Ion Ratio Lower Upper  
101 100  
85 47.5 38.5 57.7  
151 77.6 55.8 83.6

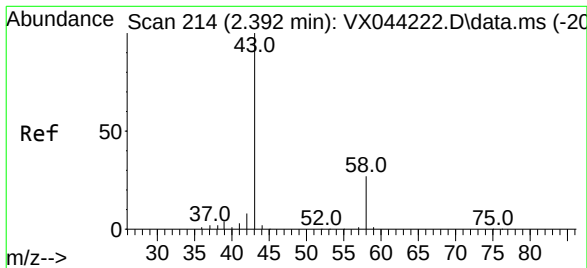
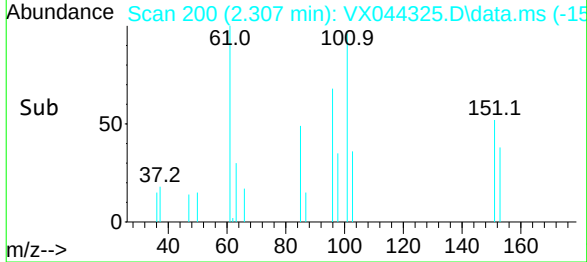
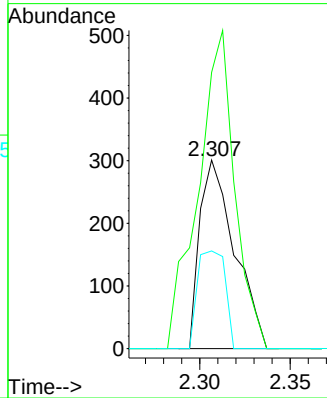
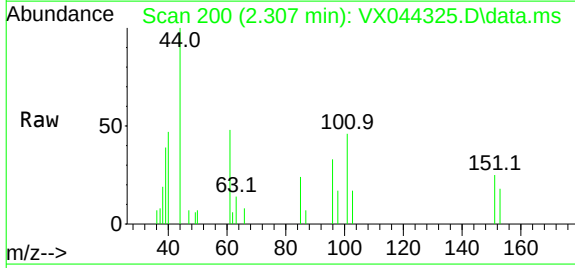




#12  
1,1-Dichloroethene  
Concen: 0.283 ug/l  
RT: 2.307 min Scan# 20  
Delta R.T. 0.000 min  
Lab File: VX044325.D  
Acq: 16 Dec 2024 15:43

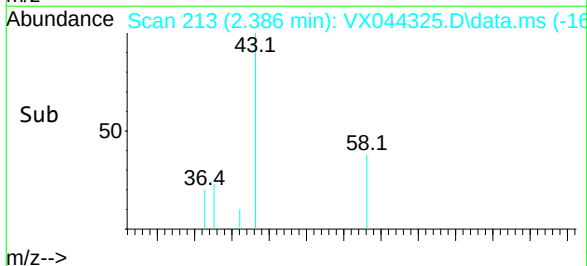
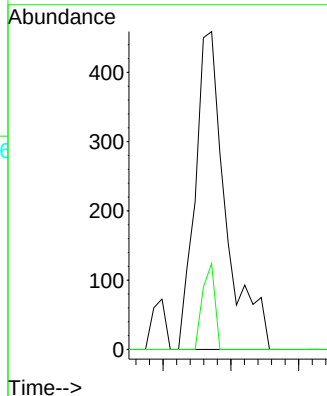
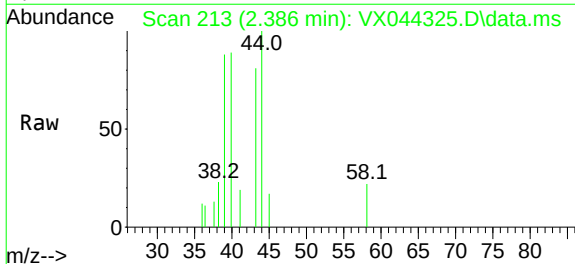
Instrument :  
MSVOA\_X  
ClientSampleId :  
RE125D2-20241210DL

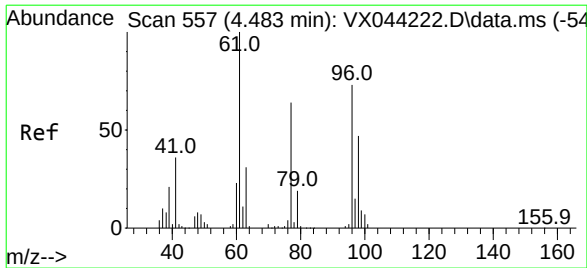
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 96    | Resp: | 405   |
| Ion      | Ratio | Lower | Upper |
| 96       | 100   |       |       |
| 61       | 146.5 | 138.0 | 207.0 |
| 98       | 51.8  | 50.0  | 75.0  |



#16  
Acetone  
Concen: 0.789 ug/l  
RT: 2.386 min Scan# 213  
Delta R.T. -0.006 min  
Lab File: VX044325.D  
Acq: 16 Dec 2024 15:43

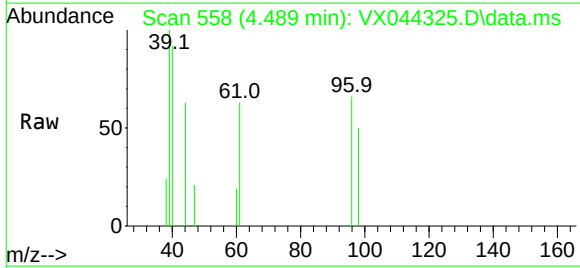
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 43    | Resp: | 721   |
| Ion      | Ratio | Lower | Upper |
| 43       | 100   |       |       |
| 58       | 27.0  | 21.6  | 32.4  |



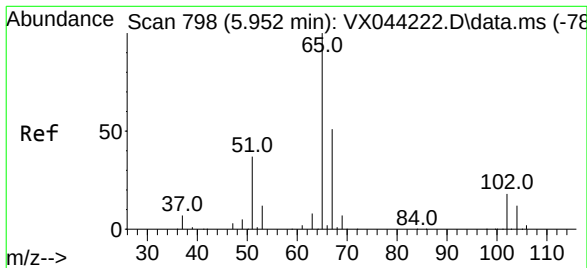
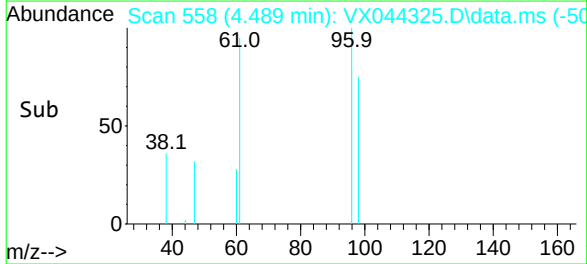
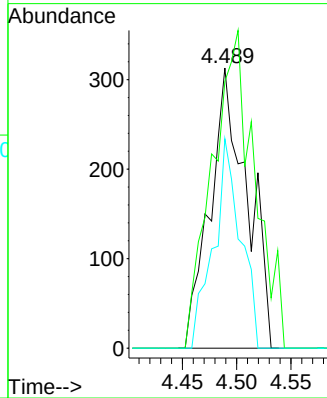


#27  
 cis-1,2-Dichloroethene  
 Concen: 0.384 ug/l  
 RT: 4.489 min Scan# 55  
 Delta R.T. 0.006 min  
 Lab File: VX044325.D  
 Acq: 16 Dec 2024 15:43

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 RE125D2-20241210DL

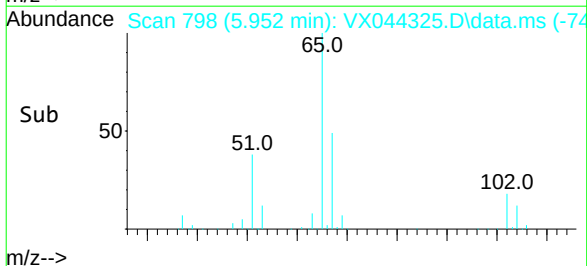
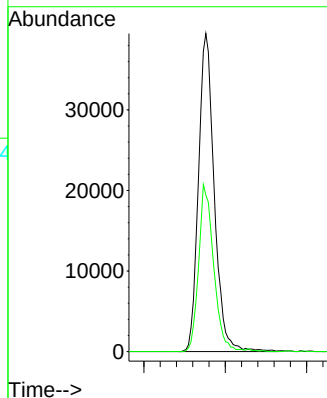
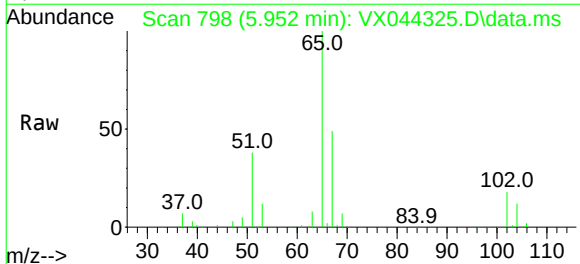


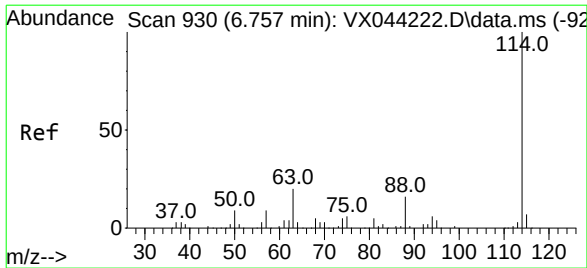
Tgt Ion: 96 Resp: 743  
 Ion Ratio Lower Upper  
 96 100  
 61 129.6 0.0 299.0  
 98 54.4 0.0 129.0



#33  
 1,2-Dichloroethane-d4  
 Concen: 47.456 ug/l  
 RT: 5.952 min Scan# 798  
 Delta R.T. 0.000 min  
 Lab File: VX044325.D  
 Acq: 16 Dec 2024 15:43

Tgt Ion: 65 Resp: 106337  
 Ion Ratio Lower Upper  
 65 100  
 67 49.9 0.0 101.6

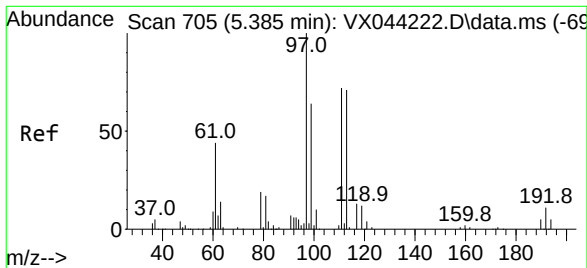
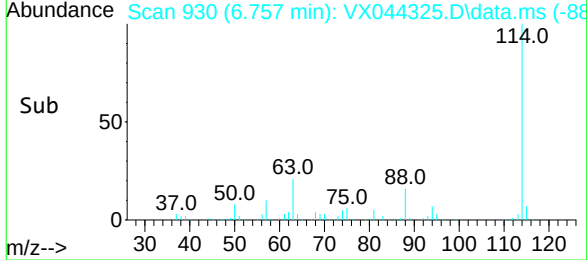
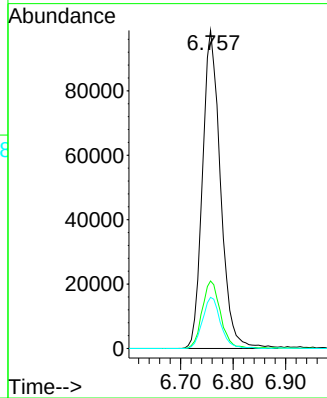
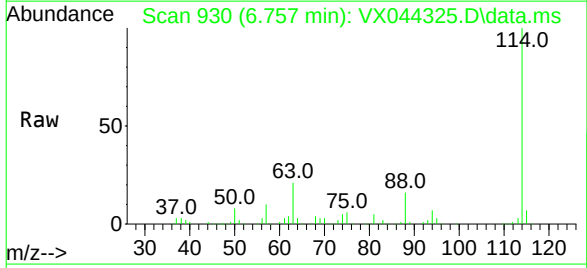




#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 6.757 min Scan# 93  
Delta R.T. 0.000 min  
Lab File: VX044325.D  
Acq: 16 Dec 2024 15:43

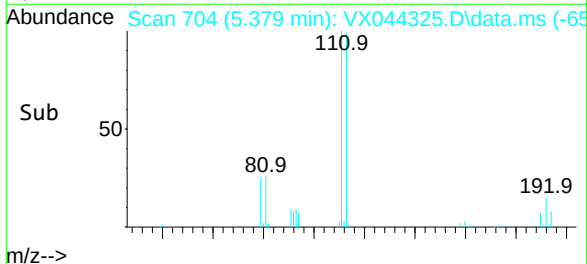
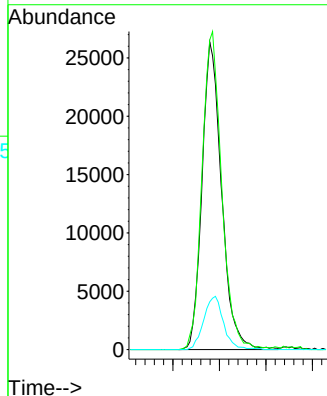
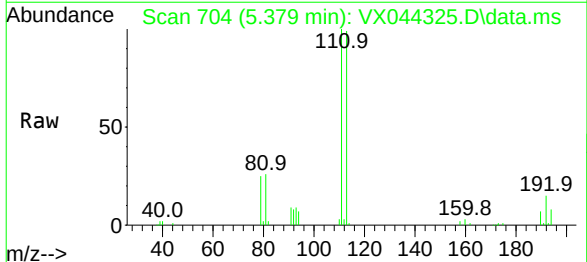
Instrument :  
MSVOA\_X  
ClientSampleId :  
RE125D2-20241210DL

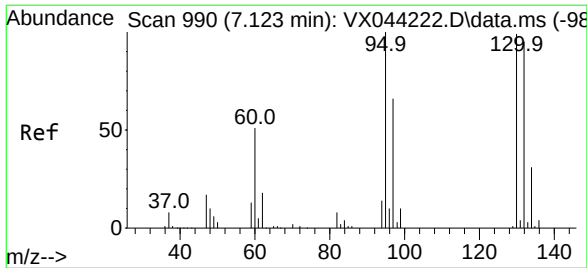
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 114   | Resp: | 235549 |
| Ion      | Ratio | Lower | Upper  |
| 114      | 100   |       |        |
| 63       | 21.2  | 0.0   | 40.6   |
| 88       | 16.1  | 0.0   | 31.8   |



#35  
Dibromofluoromethane  
Concen: 47.257 ug/l  
RT: 5.379 min Scan# 704  
Delta R.T. -0.006 min  
Lab File: VX044325.D  
Acq: 16 Dec 2024 15:43

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 113   | Resp: | 77095 |
| Ion      | Ratio | Lower | Upper |
| 113      | 100   |       |       |
| 111      | 104.0 | 80.4  | 120.6 |
| 192      | 17.6  | 13.3  | 19.9  |





#44

Trichloroethene

Concen: 34.977 ug/l

RT: 7.123 min Scan# 99

Delta R.T. 0.000 min

Lab File: VX044325.D

Acq: 16 Dec 2024 15:43

Instrument :

MSVOA\_X

ClientSampleId :

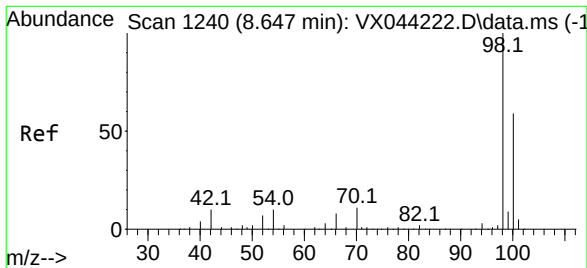
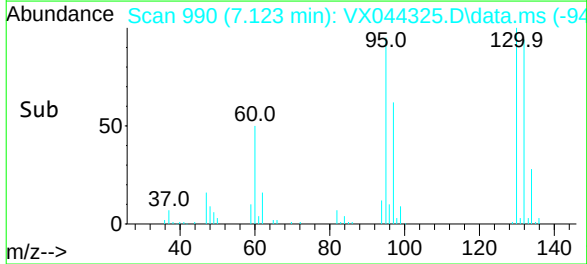
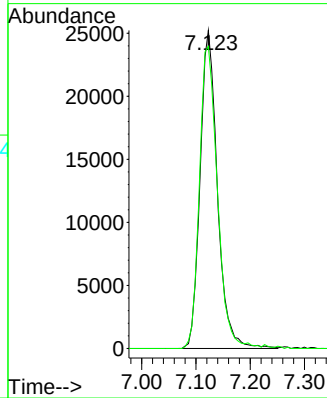
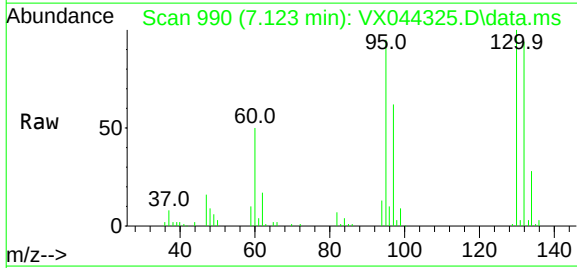
RE125D2-20241210DL

Tgt Ion:130 Resp: 55846

Ion Ratio Lower Upper

130 100

95 95.0 0.0 201.4



#50

Toluene-d8

Concen: 52.022 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.000 min

Lab File: VX044325.D

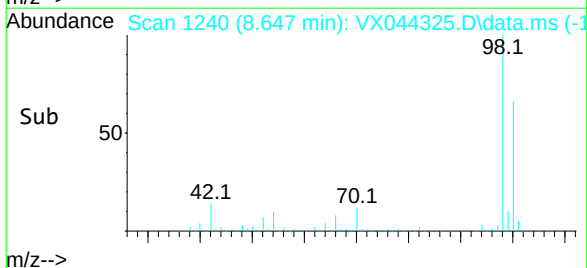
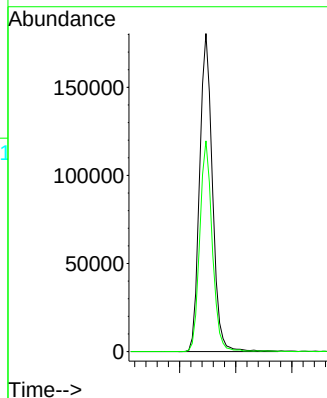
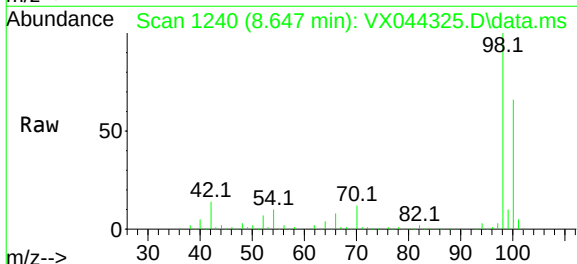
Acq: 16 Dec 2024 15:43

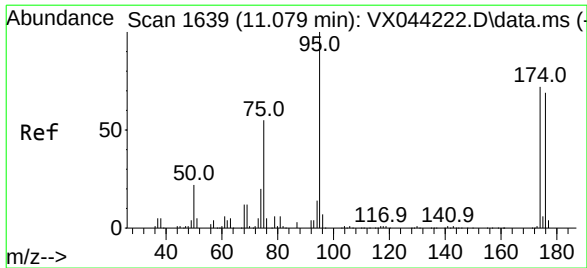
Tgt Ion: 98 Resp: 286322

Ion Ratio Lower Upper

98 100

100 64.6 51.5 77.3





#62

4-Bromofluorobenzene

Concen: 46.694 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX044325.D

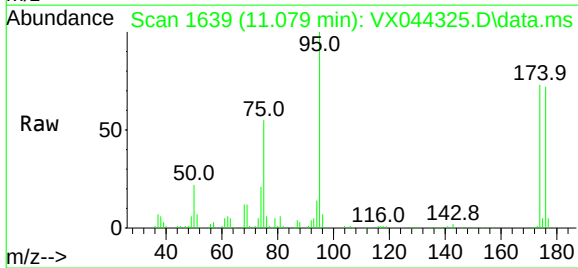
Acq: 16 Dec 2024 15:43

Instrument :

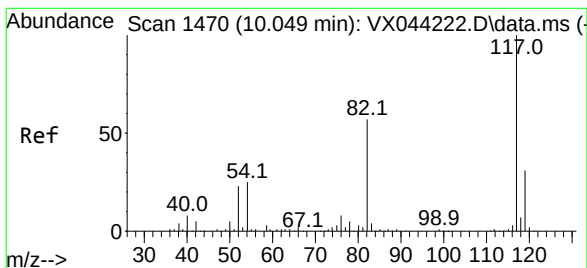
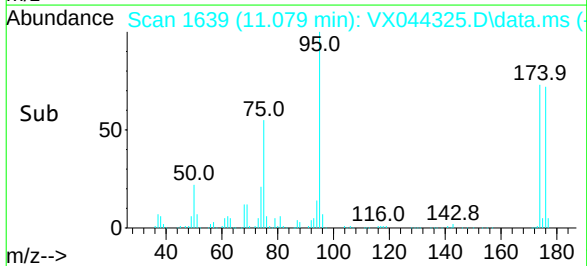
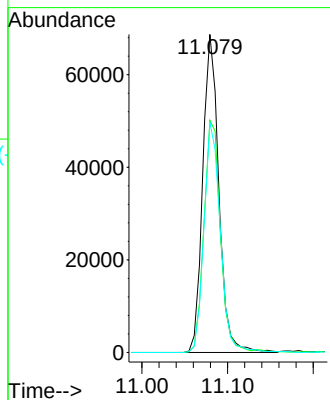
MSVOA\_X

ClientSampleId :

RE125D2-20241210DL



|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 95    | Resp: | 89801 |
| Ion      | Ratio | Lower | Upper |
| 95       | 100   |       |       |
| 174      | 75.4  | 0.0   | 145.8 |
| 176      | 73.5  | 0.0   | 137.8 |



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

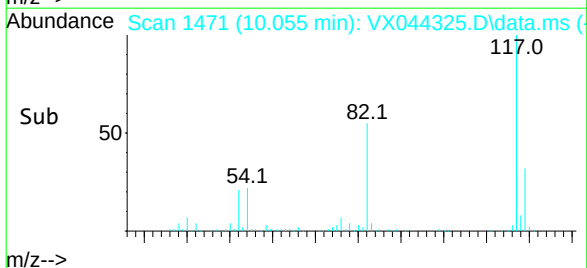
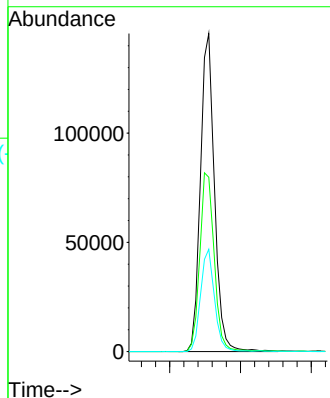
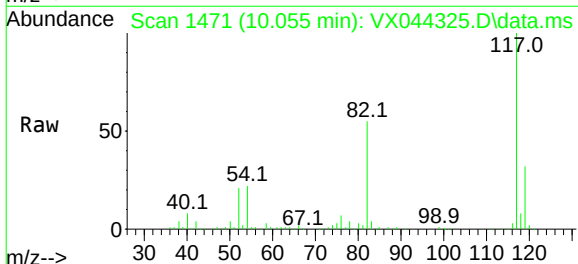
RT: 10.055 min Scan# 1471

Delta R.T. 0.006 min

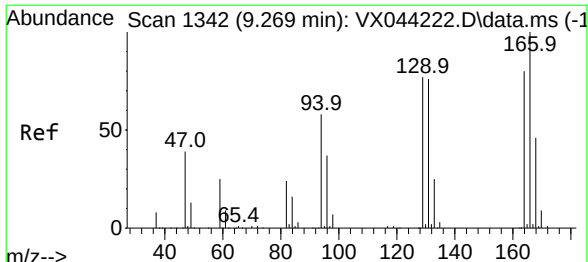
Lab File: VX044325.D

Acq: 16 Dec 2024 15:43

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 117   | Resp: | 201274 |
| Ion      | Ratio | Lower | Upper  |
| 117      | 100   |       |        |
| 82       | 54.8  | 45.8  | 68.8   |
| 119      | 32.2  | 25.0  | 37.4   |

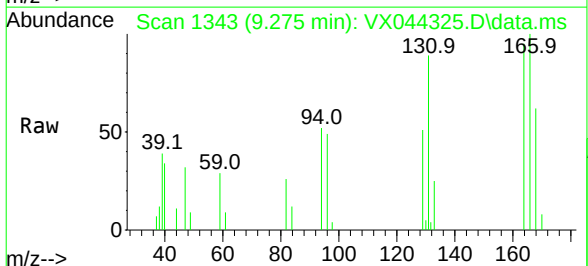




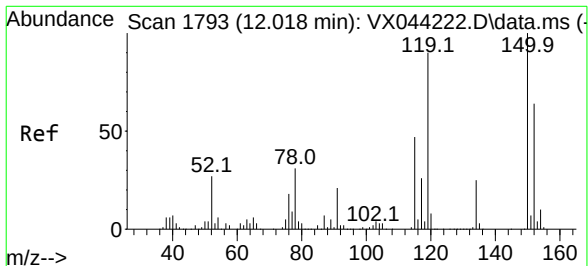
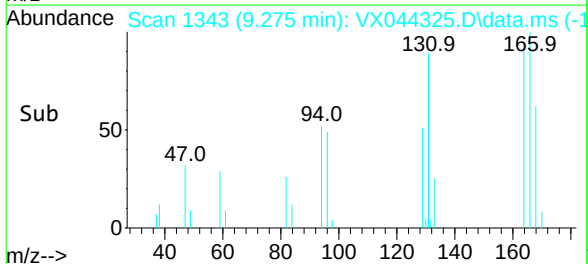
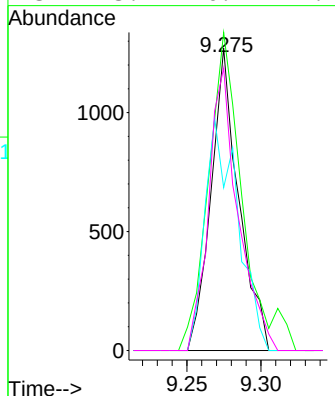


#64  
 Tetrachloroethene  
 Concen: 1.239 ug/l  
 RT: 9.275 min Scan# 1313  
 Delta R.T. 0.006 min  
 Lab File: VX044325.D  
 Acq: 16 Dec 2024 15:43

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 RE125D2-20241210DL



|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 164   | Resp: | 1655  |
| Ion      | Ratio | Lower | Upper |
| 164      | 100   |       |       |
| 166      | 105.2 | 100.4 | 150.6 |
| 129      | 53.9  | 77.2  | 115.8 |
| 131      | 93.4  | 76.2  | 114.2 |



#72  
 1,4-Dichlorobenzene-d4  
 Concen: 50.000 ug/l  
 RT: 12.018 min Scan# 1793  
 Delta R.T. 0.000 min  
 Lab File: VX044325.D  
 Acq: 16 Dec 2024 15:43

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 152   | Resp: | 78713 |
| Ion      | Ratio | Lower | Upper |
| 152      | 100   |       |       |
| 115      | 62.7  | 44.5  | 133.3 |
| 150      | 161.9 | 0.0   | 353.8 |

