

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX120421\  
 Data File : VX025524.D  
 Acq On : 04 Dec 2021 16:07  
 Operator : JC/MD  
 Sample : M4924-06  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 RE108D2-20211202

Quant Time: Dec 06 01:03:04 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X111721W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Nov 17 15:36:16 2021  
 Response via : Initial Calibration

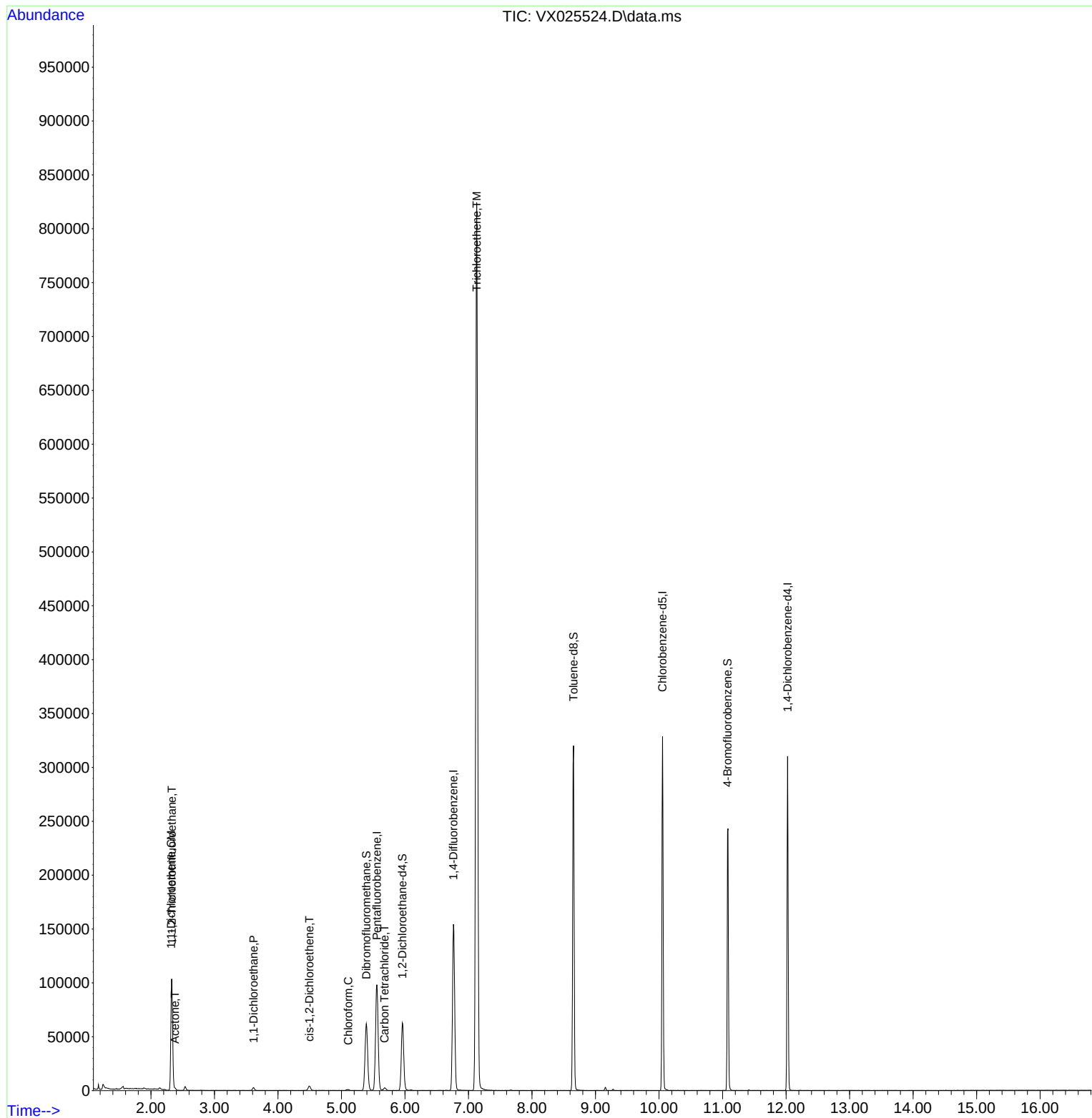
| Compound                     | R.T. QIon |       | Response | Conc     | Units      | Dev(Min) |
|------------------------------|-----------|-------|----------|----------|------------|----------|
| -----                        |           |       |          |          |            |          |
| Internal Standards           |           |       |          |          |            |          |
| 1) Pentafluorobenzene        | 5.556     | 168   | 98947    | 50.000   | ug/l       | 0.00     |
| 34) 1,4-Difluorobenzene      | 6.763     | 114   | 166953   | 50.000   | ug/l       | 0.00     |
| 63) Chlorobenzene-d5         | 10.055    | 117   | 149520   | 50.000   | ug/l       | 0.00     |
| 72) 1,4-Dichlorobenzene-d4   | 12.024    | 152   | 65697    | 50.000   | ug/l       | 0.00     |
| System Monitoring Compounds  |           |       |          |          |            |          |
| 33) 1,2-Dichloroethane-d4    | 5.958     | 65    | 59167    | 56.729   | ug/l       | 0.00     |
| Spiked Amount                | 50.000    | Range | 78 - 117 | Recovery | = 113.460% |          |
| 35) Dibromofluoromethane     | 5.391     | 113   | 51908    | 50.673   | ug/l       | 0.00     |
| Spiked Amount                | 50.000    | Range | 75 - 124 | Recovery | = 101.340% |          |
| 50) Toluene-d8               | 8.653     | 98    | 193420   | 50.220   | ug/l       | 0.00     |
| Spiked Amount                | 50.000    | Range | 92 - 112 | Recovery | = 100.440% |          |
| 62) 4-Bromofluorobenzene     | 11.079    | 95    | 67607    | 46.400   | ug/l       | 0.00     |
| Spiked Amount                | 50.000    | Range | 83 - 123 | Recovery | = 92.800%  |          |
| Target Compounds             |           |       |          |          |            |          |
|                              |           |       |          |          |            | Qvalue   |
| 9) 1,1,2-Trichlorotrifluo... | 2.331     | 101   | 26422    | 28.694   | ug/l       | 98       |
| 12) 1,1-Dichloroethene       | 2.319     | 96    | 16192    | 17.656   | ug/l       | 92       |
| 16) Acetone                  | 2.380     | 43    | 1962     | 3.385    | ug/l       | 93       |
| 24) 1,1-Dichloroethane       | 3.617     | 63    | 2792     | 1.617    | ug/l       | 93       |
| 27) cis-1,2-Dichloroethene   | 4.495     | 96    | 2780     | 2.370    | ug/l       | 87       |
| 30) Chloroform               | 5.105     | 83    | 1268     | 0.705    | ug/l #     | 81       |
| 38) Carbon Tetrachloride     | 5.678     | 117   | 2141     | 1.335    | ug/l       | 87       |
| 44) Trichloroethene          | 7.129     | 130   | 328514   | 256.287  | ug/l       | 95       |
| -----                        |           |       |          |          |            |          |

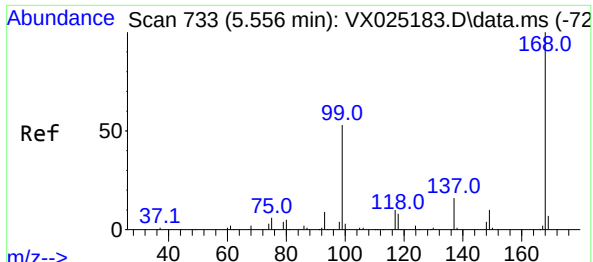
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX120421\  
Data File : VX025524.D  
Acq On : 04 Dec 2021 16:07  
Operator : JC/MD  
Sample : M4924-06  
Misc : 5.0mL/MSVOA\_X/WATER  
ALS Vial : 14 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
RE108D2-20211202

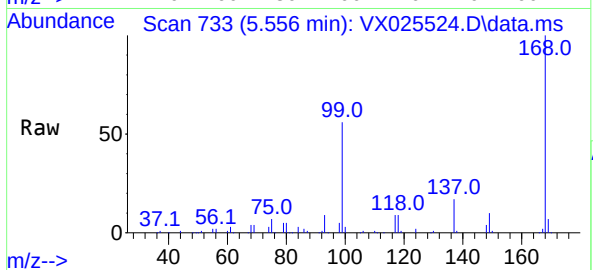
Quant Time: Dec 06 01:03:04 2021  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X111721W.M  
Quant Title : SW846 8260  
QLast Update : Wed Nov 17 15:36:16 2021  
Response via : Initial Calibration



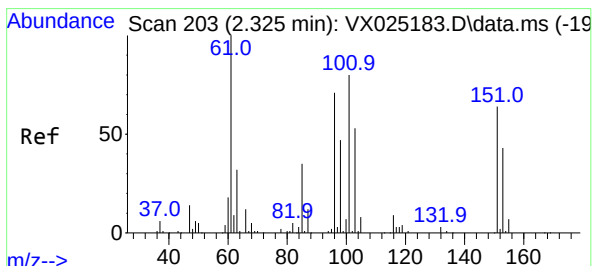
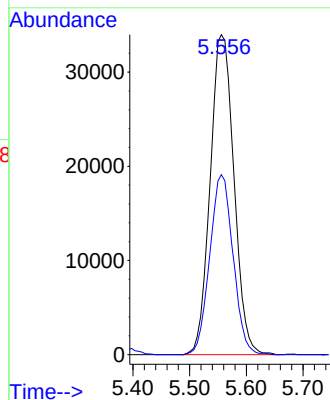
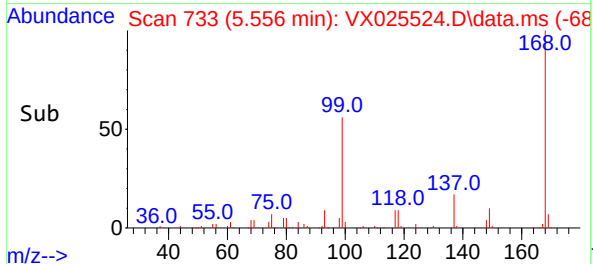


#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.556 min Scan# 71  
Delta R.T. -0.000 min  
Lab File: VX025524.D  
Acq: 04 Dec 2021 16:07

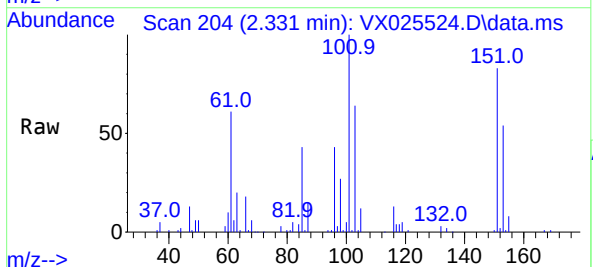
Instrument :  
MSVOA\_X  
ClientSampleId :  
RE108D2-20211202



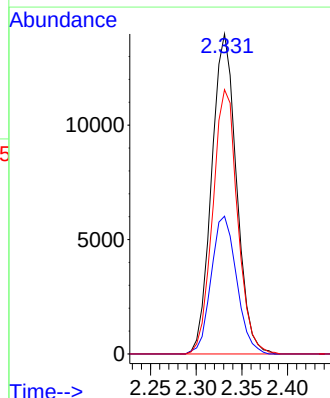
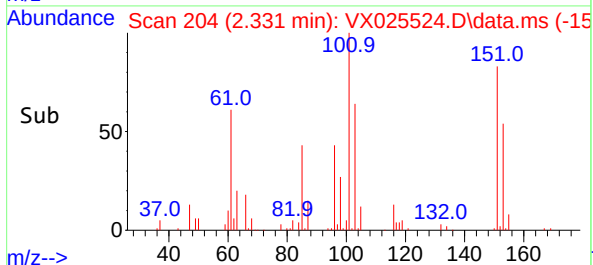
Tgt Ion:168 Resp: 98947  
Ion Ratio Lower Upper  
168 100  
99 56.3 46.4 69.6

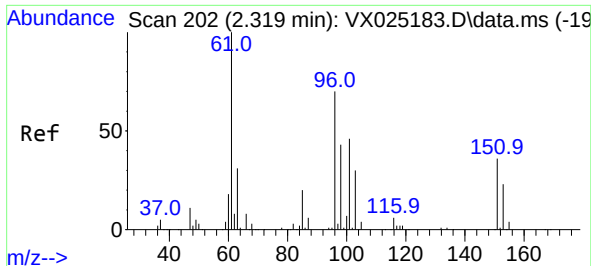


#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 28.694 ug/l  
RT: 2.331 min Scan# 204  
Delta R.T. 0.006 min  
Lab File: VX025524.D  
Acq: 04 Dec 2021 16:07



Tgt Ion:101 Resp: 26422  
Ion Ratio Lower Upper  
101 100  
85 44.1 35.9 53.9  
151 82.5 64.4 96.6

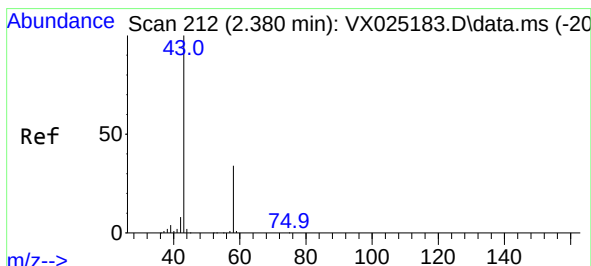
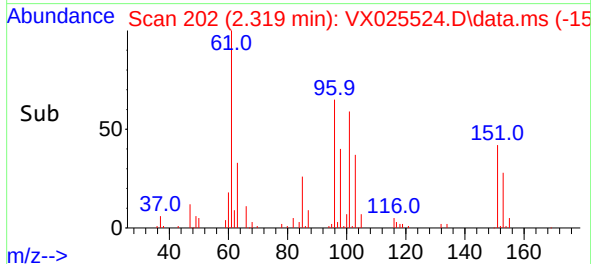
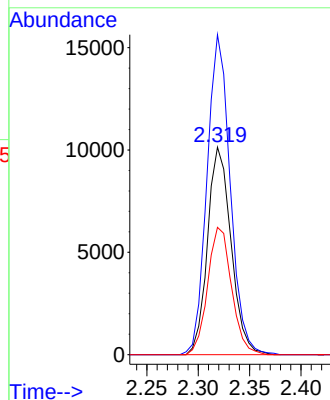
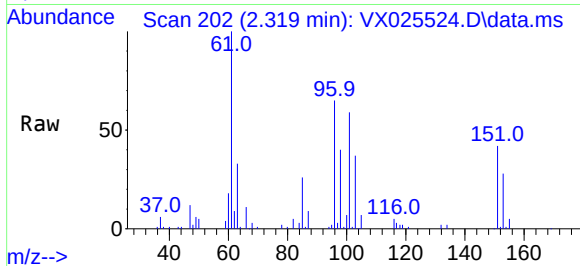




#12  
1,1-Dichloroethene  
Concen: 17.656 ug/l  
RT: 2.319 min Scan# 202  
Delta R.T. -0.000 min  
Lab File: VX025524.D  
Acq: 04 Dec 2021 16:07

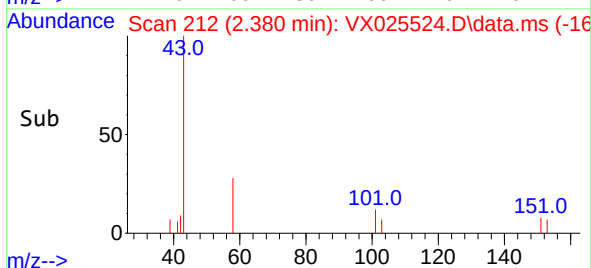
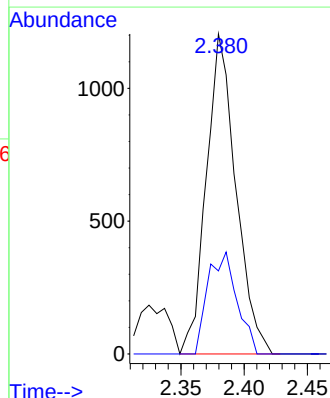
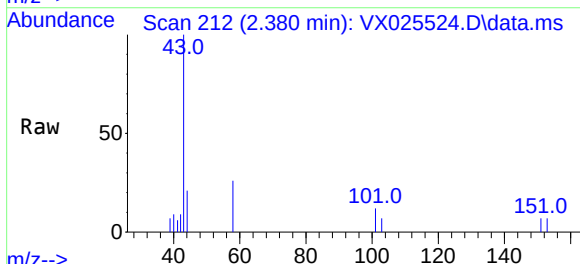
Instrument :  
MSVOA\_X  
ClientSampleId :  
RE108D2-20211202

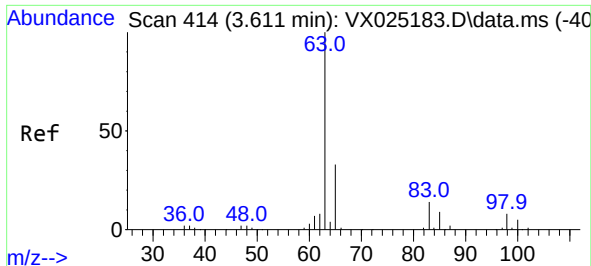
Tgt Ion: 96 Resp: 16192  
Ion Ratio Lower Upper  
96 100  
61 154.2 134.1 201.1  
98 61.3 51.5 77.3



#16  
Acetone  
Concen: 3.385 ug/l  
RT: 2.380 min Scan# 212  
Delta R.T. -0.000 min  
Lab File: VX025524.D  
Acq: 04 Dec 2021 16:07

Tgt Ion: 43 Resp: 1962  
Ion Ratio Lower Upper  
43 100  
58 26.0 24.0 36.0

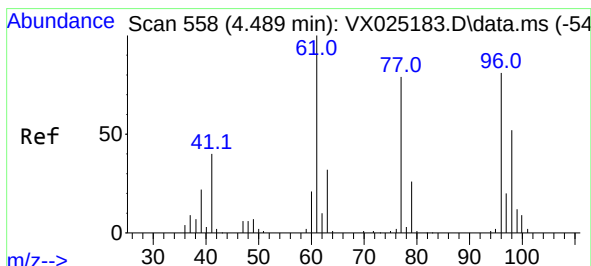
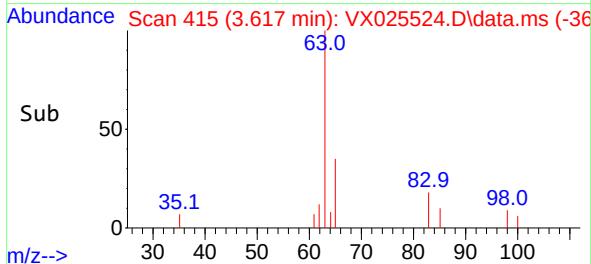
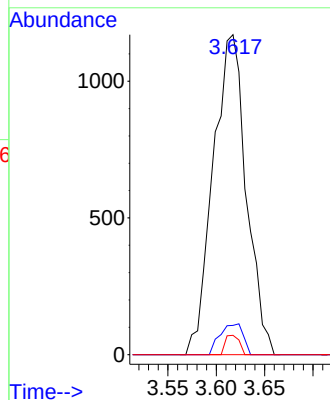
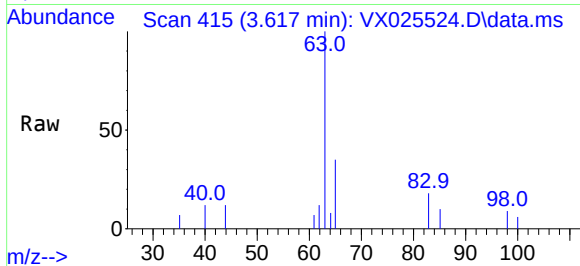




#24  
1,1-Dichloroethane  
Concen: 1.617 ug/l  
RT: 3.617 min Scan# 414  
Delta R.T. 0.006 min  
Lab File: VX025524.D  
Acq: 04 Dec 2021 16:07

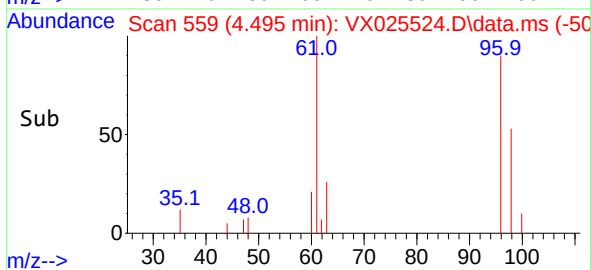
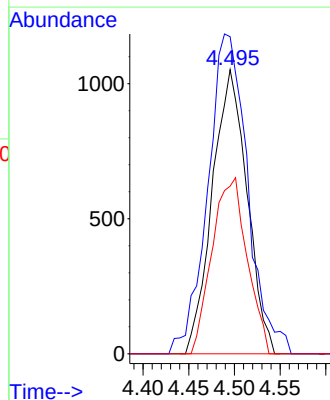
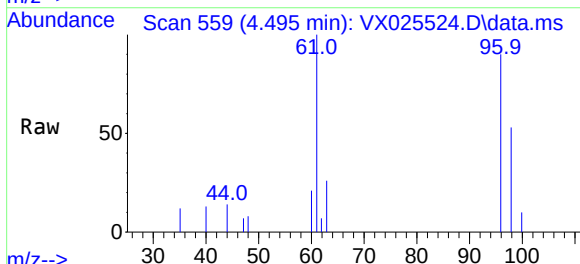
Instrument :  
MSVOA\_X  
ClientSampleId :  
RE108D2-20211202

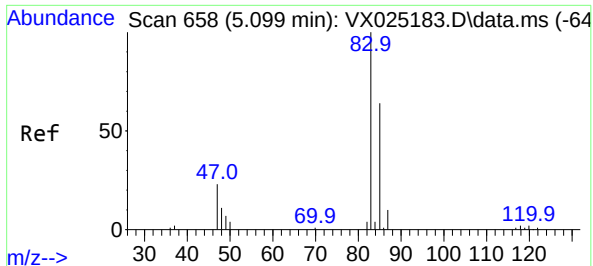
Tgt Ion: 63 Resp: 2792  
Ion Ratio Lower Upper  
63 100  
98 9.1 3.3 9.9  
100 6.1 2.1 6.2



#27  
cis-1,2-Dichloroethene  
Concen: 2.370 ug/l  
RT: 4.495 min Scan# 559  
Delta R.T. 0.006 min  
Lab File: VX025524.D  
Acq: 04 Dec 2021 16:07

Tgt Ion: 96 Resp: 2780  
Ion Ratio Lower Upper  
96 100  
61 128.8 0.0 302.2  
98 62.5 0.0 131.4





#30

Chloroform

Concen: 0.705 ug/l

RT: 5.105 min Scan# 61

Delta R.T. 0.006 min

Lab File: VX025524.D

Acq: 04 Dec 2021 16:07

Instrument :

MSVOA\_X

ClientSampleId :

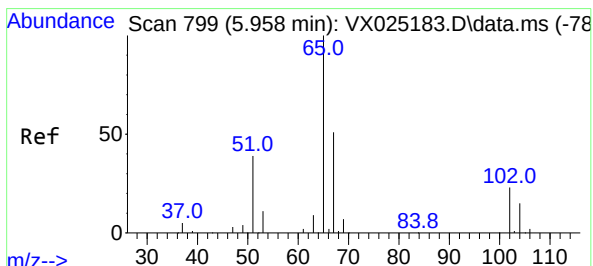
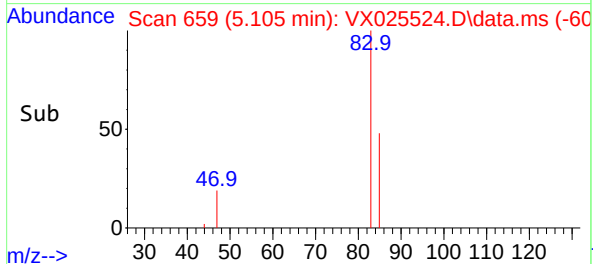
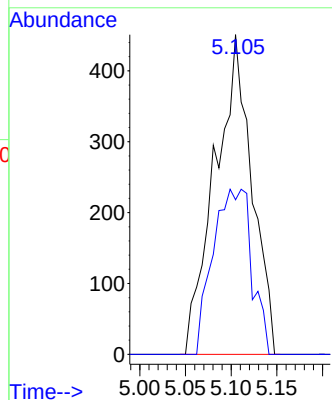
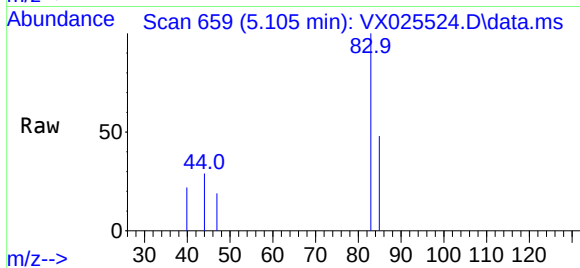
RE108D2-20211202

Tgt Ion: 83 Resp: 1268

Ion Ratio Lower Upper

83 100

85 48.3 50.2 75.2#



#33

1,2-Dichloroethane-d4

Concen: 56.729 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX025524.D

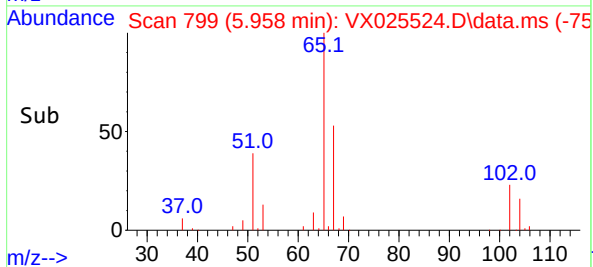
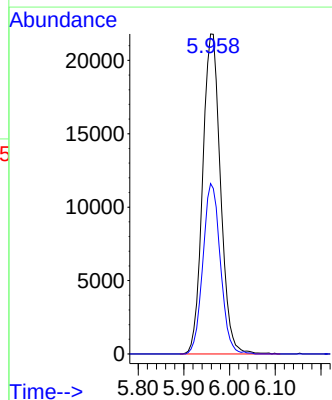
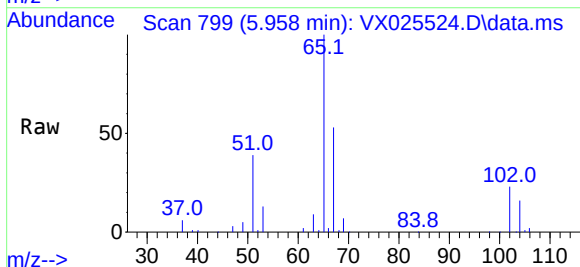
Acq: 04 Dec 2021 16:07

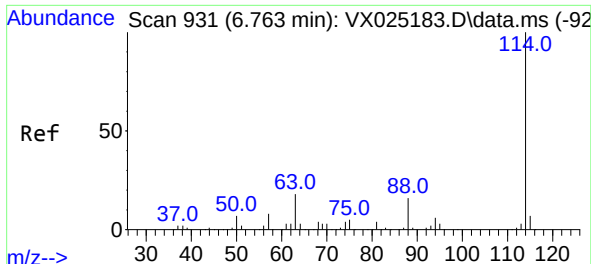
Tgt Ion: 65 Resp: 59167

Ion Ratio Lower Upper

65 100

67 52.1 0.0 101.0

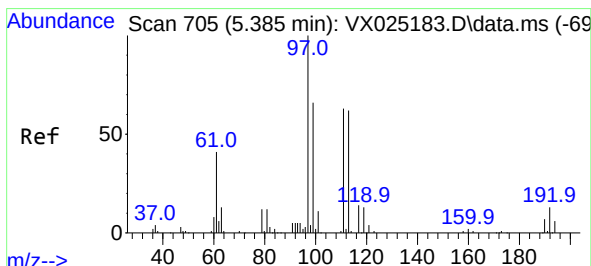
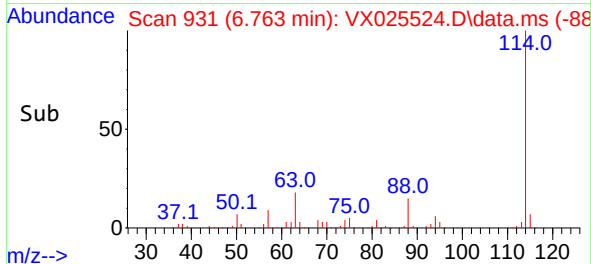
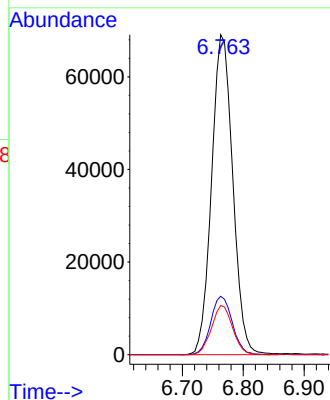
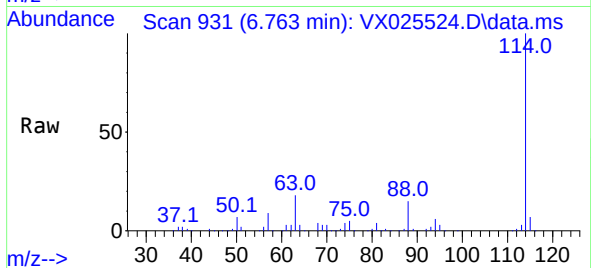




#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 6.763 min Scan# 91  
Delta R.T. 0.000 min  
Lab File: VX025524.D  
Acq: 04 Dec 2021 16:07

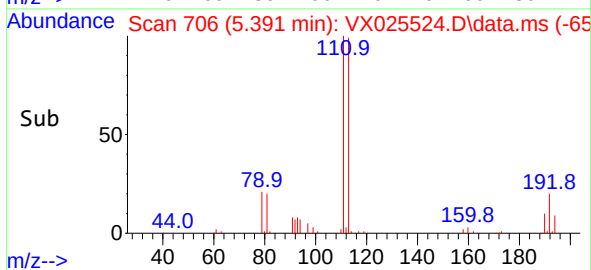
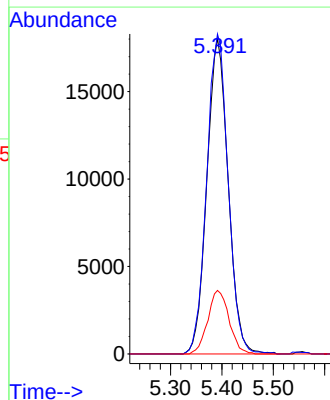
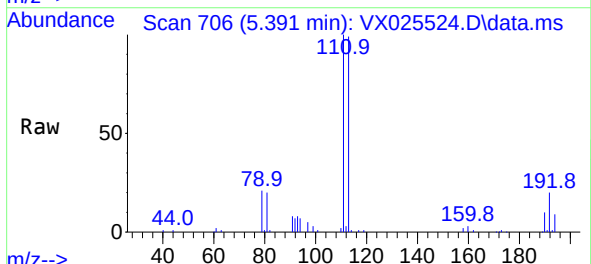
Instrument :  
MSVOA\_X  
ClientSampleId :  
RE108D2-20211202

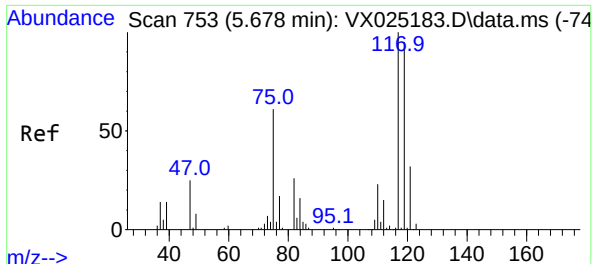
Tgt Ion:114 Resp: 166953  
Ion Ratio Lower Upper  
114 100  
63 18.3 0.0 41.0  
88 15.4 0.0 34.8



#35  
Dibromofluoromethane  
Concen: 50.673 ug/l  
RT: 5.391 min Scan# 706  
Delta R.T. 0.006 min  
Lab File: VX025524.D  
Acq: 04 Dec 2021 16:07

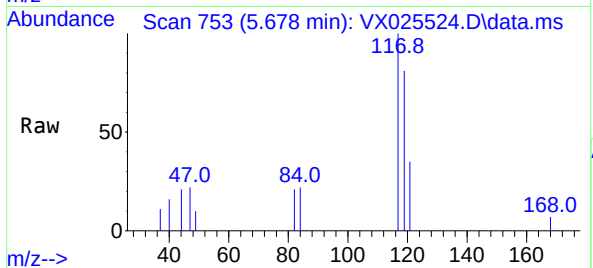
Tgt Ion:113 Resp: 51908  
Ion Ratio Lower Upper  
113 100  
111 102.1 82.1 123.1  
192 20.1 15.6 23.4



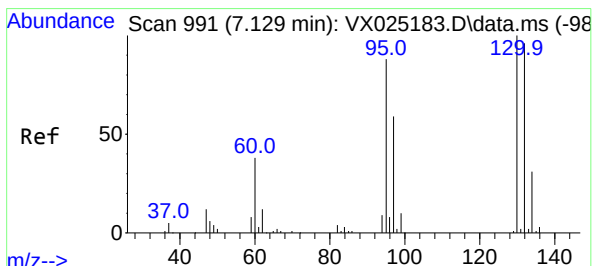
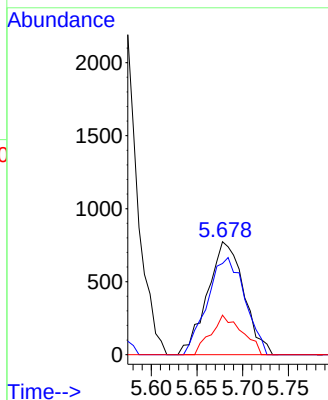
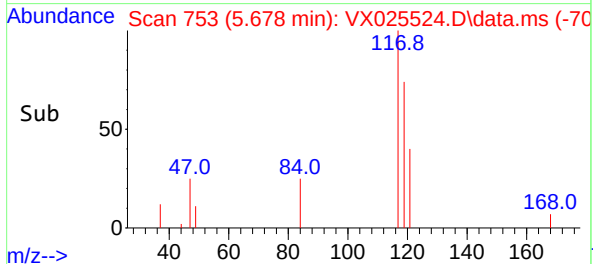


#38  
Carbon Tetrachloride  
Concen: 1.335 ug/l  
RT: 5.678 min Scan# 753  
Delta R.T. -0.000 min  
Lab File: VX025524.D  
Acq: 04 Dec 2021 16:07

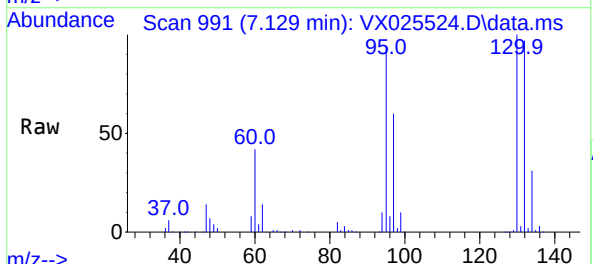
Instrument :  
MSVOA\_X  
ClientSampleId :  
RE108D2-20211202



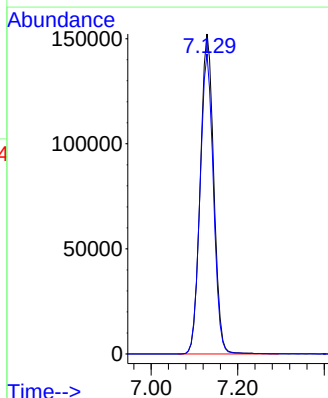
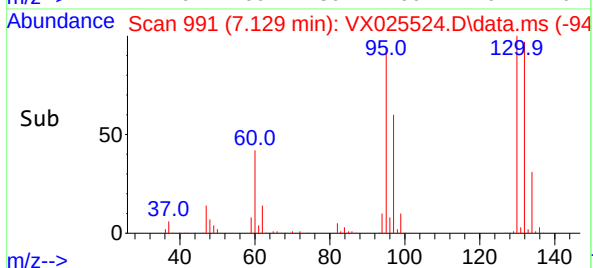
Tgt Ion:117 Resp: 2141  
Ion Ratio Lower Upper  
117 100  
119 80.7 75.6 113.4  
121 35.0 23.7 35.5



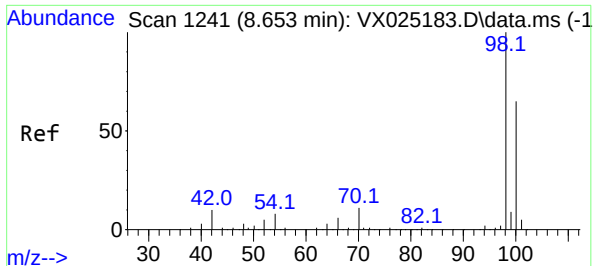
#44  
Trichloroethene  
Concen: 256.287 ug/l  
RT: 7.129 min Scan# 991  
Delta R.T. -0.000 min  
Lab File: VX025524.D  
Acq: 04 Dec 2021 16:07



Tgt Ion:130 Resp: 328514  
Ion Ratio Lower Upper  
130 100  
95 93.8 0.0 196.8



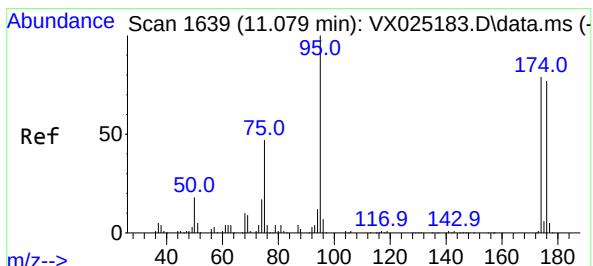
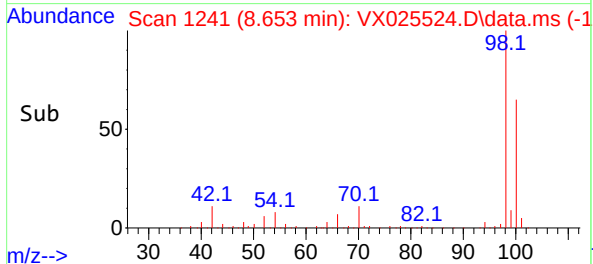
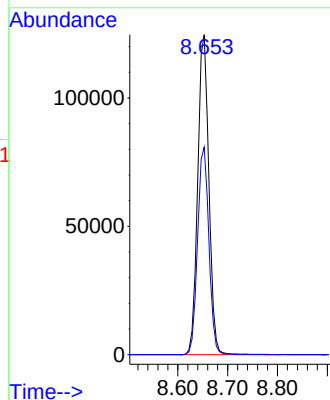
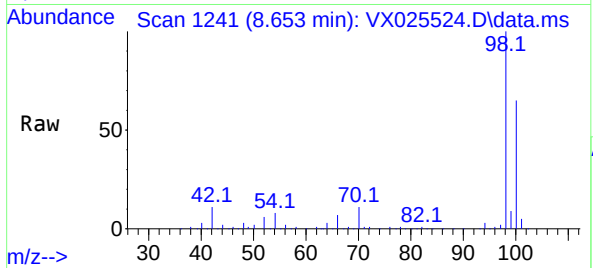




#50  
Toluene-d8  
Concen: 50.220 ug/l  
RT: 8.653 min Scan# 1241  
Delta R.T. -0.000 min  
Lab File: VX025524.D  
Acq: 04 Dec 2021 16:07

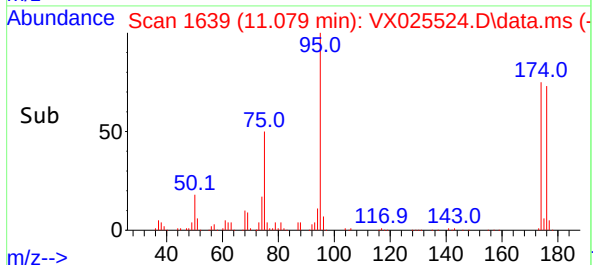
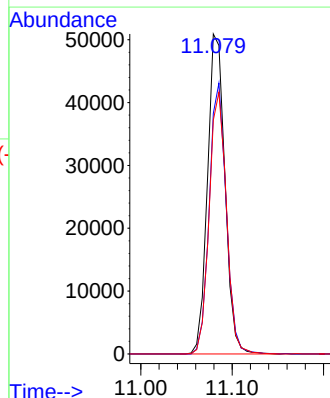
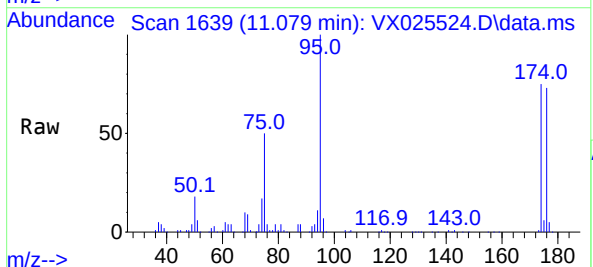
Instrument :  
MSVOA\_X  
ClientSampleId :  
RE108D2-20211202

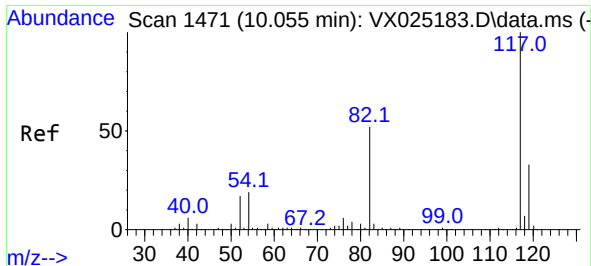
Tgt Ion: 98 Resp: 193420  
Ion Ratio Lower Upper  
98 100  
100 65.7 51.4 77.0



#62  
4-Bromofluorobenzene  
Concen: 46.400 ug/l  
RT: 11.079 min Scan# 1639  
Delta R.T. 0.000 min  
Lab File: VX025524.D  
Acq: 04 Dec 2021 16:07

Tgt Ion: 95 Resp: 67607  
Ion Ratio Lower Upper  
95 100  
174 82.3 0.0 158.0  
176 80.9 0.0 153.6

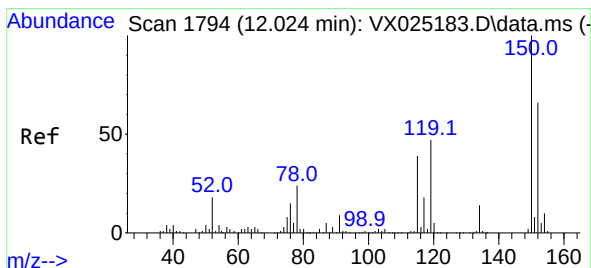
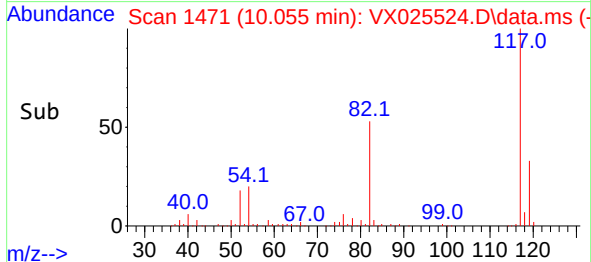
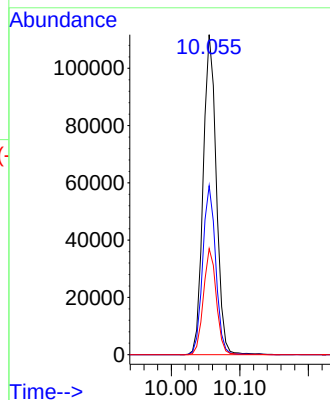
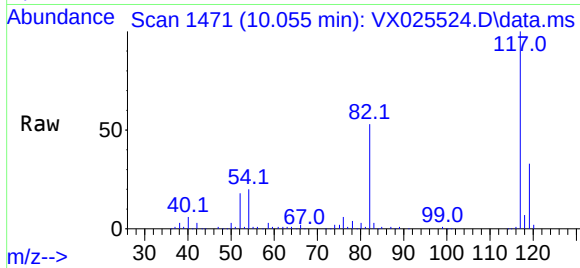




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.055 min Scan# 1471  
Delta R.T. 0.000 min  
Lab File: VX025524.D  
Acq: 04 Dec 2021 16:07

Instrument :  
MSVOA\_X  
ClientSampleId :  
RE108D2-20211202

Tgt Ion:117 Resp: 149520  
Ion Ratio Lower Upper  
117 100  
82 52.8 44.6 67.0  
119 33.1 24.8 37.2



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 12.024 min Scan# 1794  
Delta R.T. 0.000 min  
Lab File: VX025524.D  
Acq: 04 Dec 2021 16:07

Tgt Ion:152 Resp: 65697  
Ion Ratio Lower Upper  
152 100  
115 58.1 43.3 129.8  
150 158.1 0.0 351.2

