

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX113021\
 Data File : VX025397.D
 Acq On : 30 Nov 2021 17:14
 Operator : JC/MD
 Sample : M4867-07RE
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Dec 01 02:22:28 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)

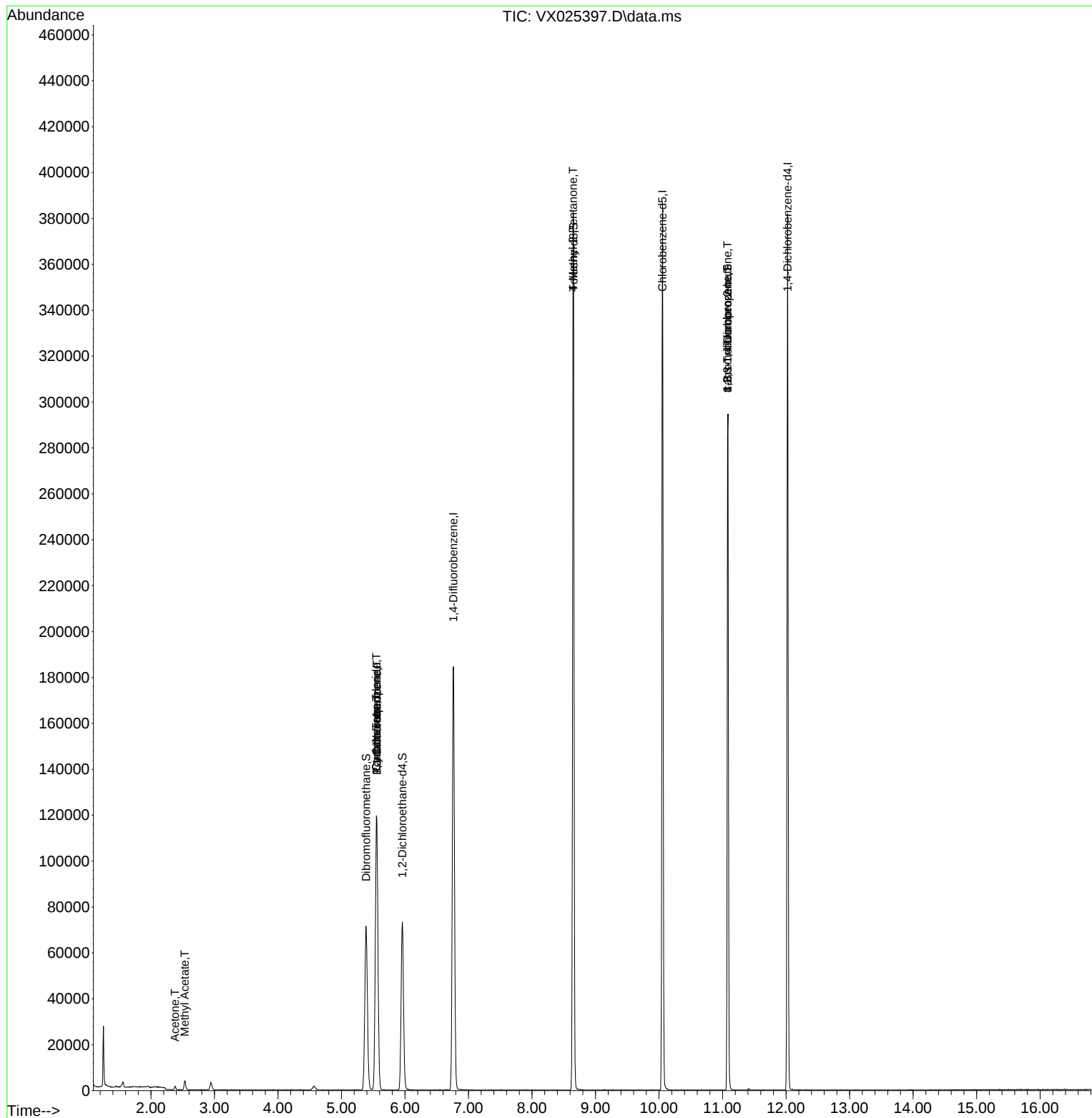
Internal Standards						
1) Pentafluorobenzene	5.555	168	123446	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	202016	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	181602	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	80511	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	68950	52.989	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	105.980%
35) Dibromofluoromethane	5.385	113	61776	49.839	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	99.680%
50) Toluene-d8	8.652	98	231750	49.728	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	99.460%
62) 4-Bromofluorobenzene	11.079	95	81834	46.416	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	92.840%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.940	59	1948	Below Cal	#	72
16) Acetone	2.379	43	1578	2.182	ug/l	96
18) Methyl Acetate	2.532	43	1223	0.529	ug/l #	52
31) Cyclohexane	5.549	56	2205	1.097	ug/l #	18
36) 1,1-Dichloropropene	5.555	75	8252	4.682	ug/l #	50
38) Carbon Tetrachloride	5.549	117	11604	5.978	ug/l #	16
51) 4-Methyl-2-Pentanone	8.646	43	1005	0.480	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	39323	23.851	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	39323	60.085	ug/l #	9

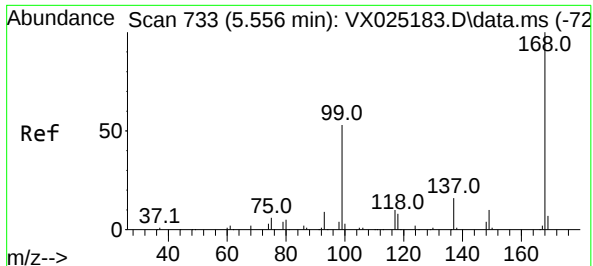
(#) = qualifier out of range (m) = manual integration (+) = signals summed

```
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX113021\  
Data File : VX025397.D  
Acq On    : 30 Nov 2021 17:14  
Operator  : JC/MD  
Sample    : M4867-07RE  
Misc      : 5.0mL/MSVOA_X/WATER  
ALS Vial  : 12 Sample Multiplier: 1
```

Instrument :
MSVOA_X
ClientSampleId :

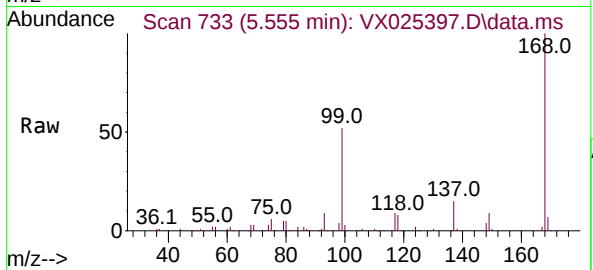
Quant Time: Dec 01 02:22:28 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X111721W.M
Quant Title : SW846 8260
QLast Update : Wed Nov 17 15:36:16 2021
Response via : Initial Calibration



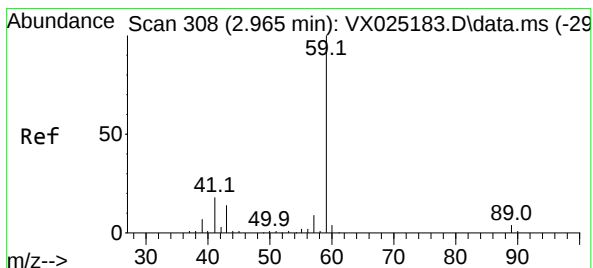
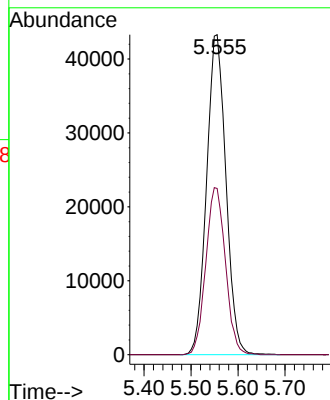
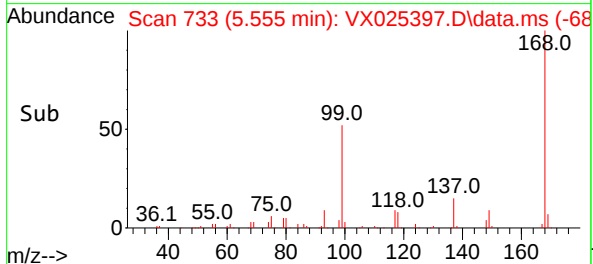


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.555 min Scan# 71
Delta R.T. -0.001 min
Lab File: VX025397.D
Acq: 30 Nov 2021 17:14

Instrument :
MSVOA_X
ClientSampleId :

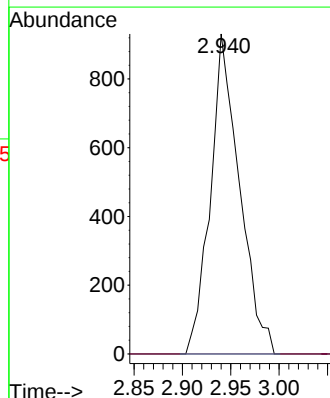
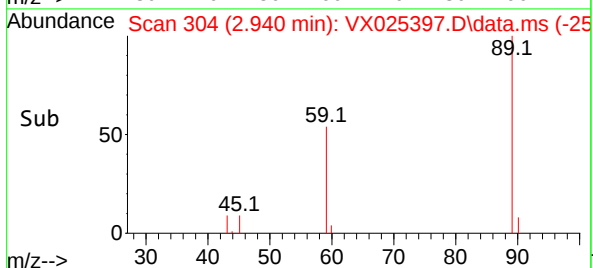
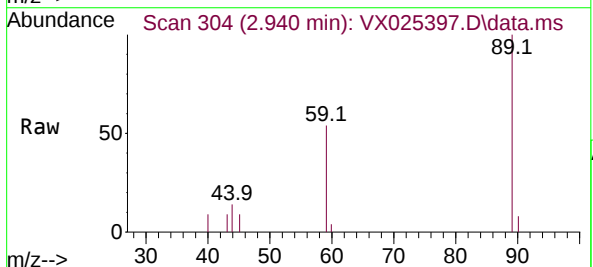


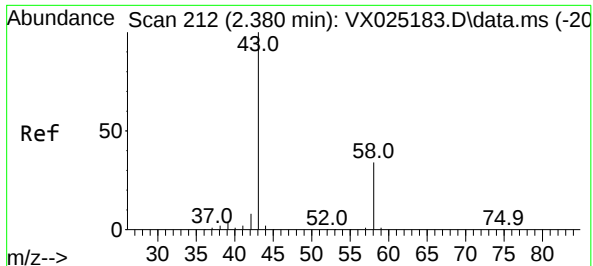
Tgt Ion:168 Resp: 123446
Ion Ratio Lower Upper
168 100
99 52.0 46.4 69.6



#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.940 min Scan# 304
Delta R.T. -0.025 min
Lab File: VX025397.D
Acq: 30 Nov 2021 17:14

Tgt Ion: 59 Resp: 1948
Ion Ratio Lower Upper
59 100
57 0.0 8.5 12.7#

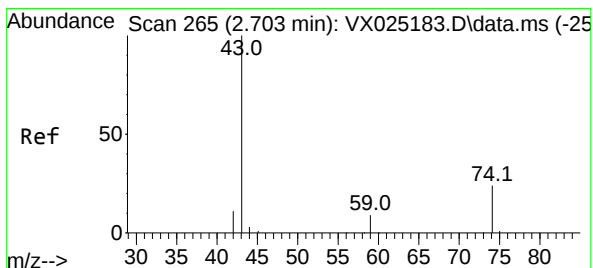
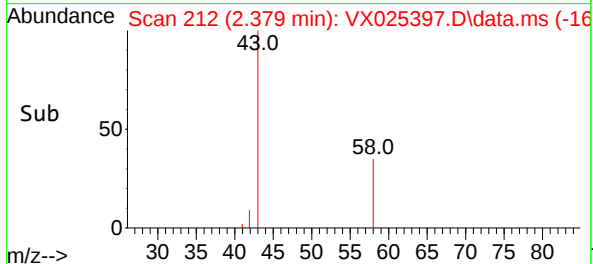
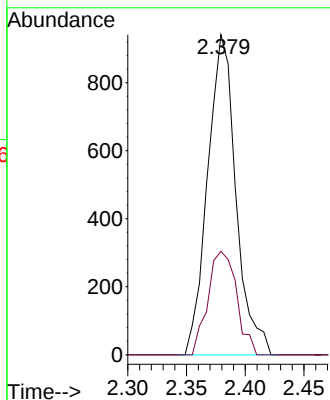
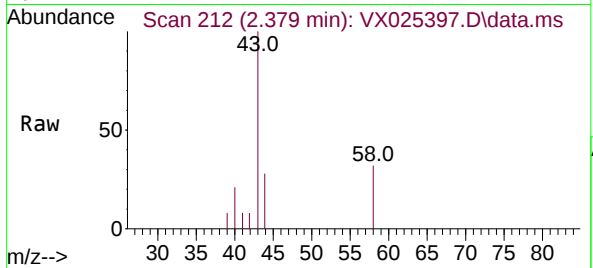




#16
Acetone
Concen: 2.182 ug/l
RT: 2.379 min Scan# 21
Delta R.T. -0.001 min
Lab File: VX025397.D
Acq: 30 Nov 2021 17:14

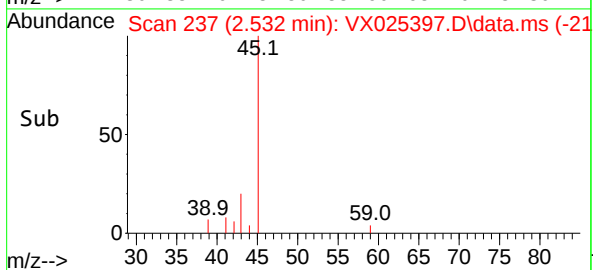
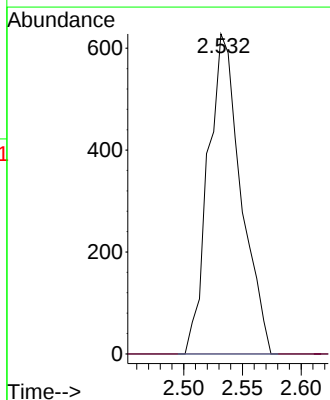
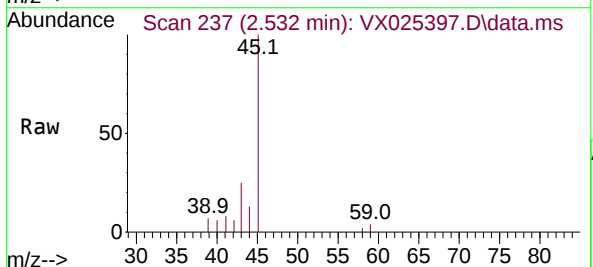
Instrument :
MSVOA_X
ClientSampleId :

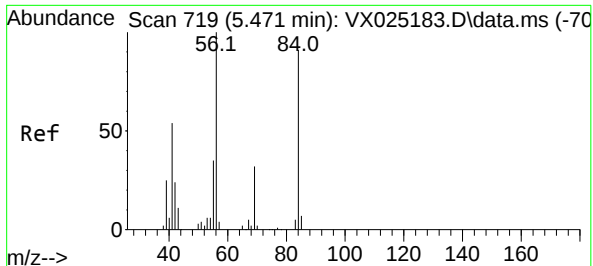
Tgt Ion: 43 Resp: 1578
Ion Ratio Lower Upper
43 100
58 32.3 24.0 36.0



#18
Methyl Acetate
Concen: 0.529 ug/l
RT: 2.532 min Scan# 237
Delta R.T. -0.171 min
Lab File: VX025397.D
Acq: 30 Nov 2021 17:14

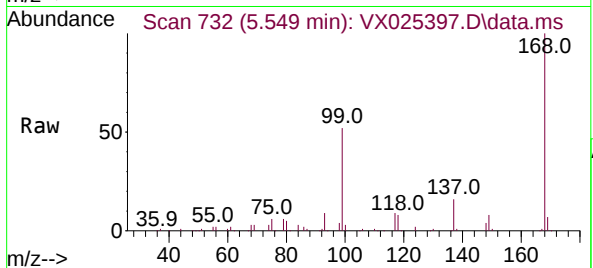
Tgt Ion: 43 Resp: 1223
Ion Ratio Lower Upper
43 100
74 0.0 19.0 28.6#



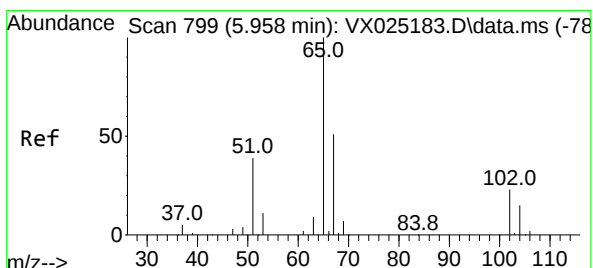
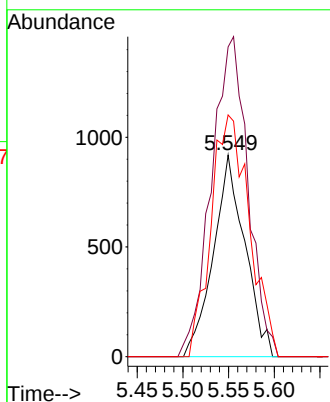
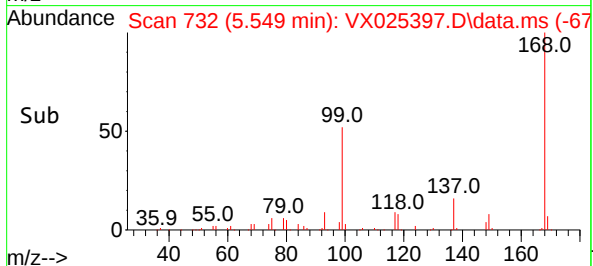


#31
Cyclohexane
Concen: 1.097 ug/l
RT: 5.549 min Scan# 719
Delta R.T. 0.078 min
Lab File: VX025397.D
Acq: 30 Nov 2021 17:14

Instrument :
MSVOA_X
ClientSampleId :

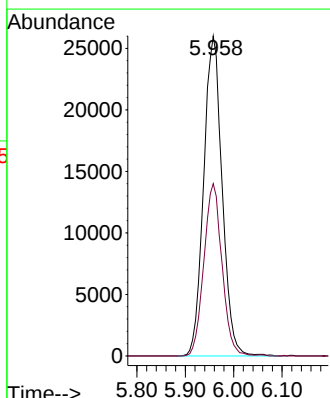
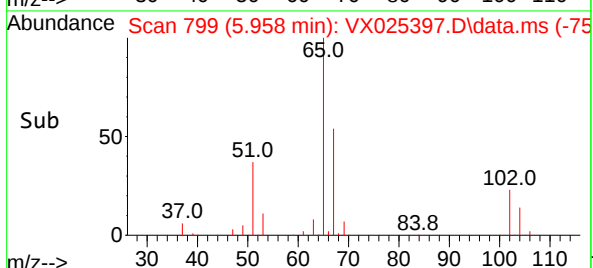
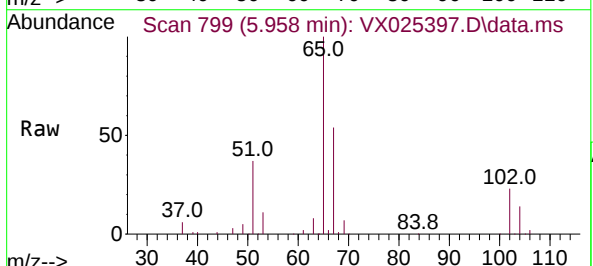


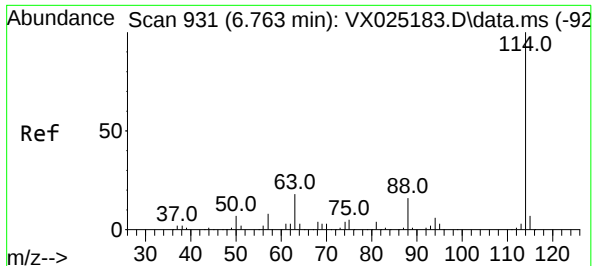
Tgt Ion: 56 Resp: 2205
Ion Ratio Lower Upper
56 100
69 153.6 24.2 36.2#
84 119.9 71.5 107.3#



#33
1,2-Dichloroethane-d4
Concen: 52.989 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.000 min
Lab File: VX025397.D
Acq: 30 Nov 2021 17:14

Tgt Ion: 65 Resp: 68950
Ion Ratio Lower Upper
65 100
67 52.8 0.0 101.0

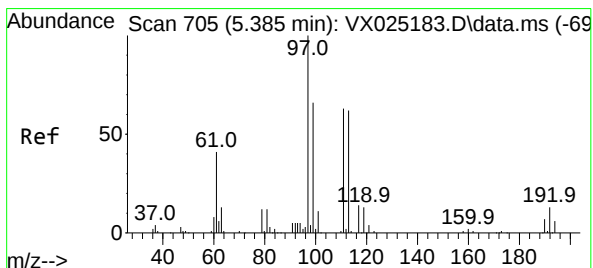
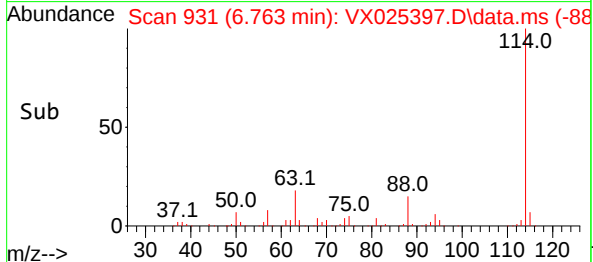
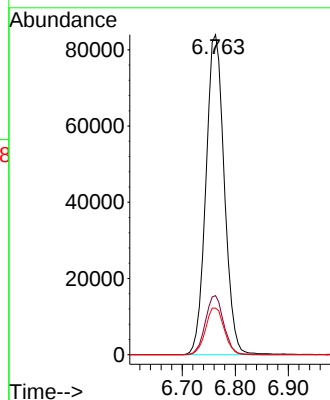
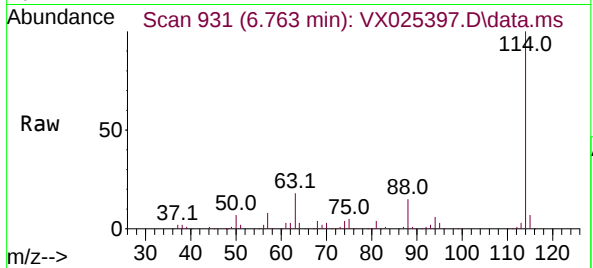




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX025397.D
Acq: 30 Nov 2021 17:14

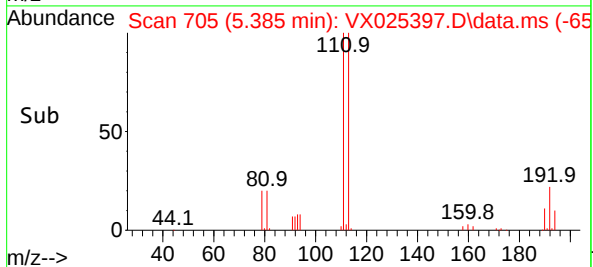
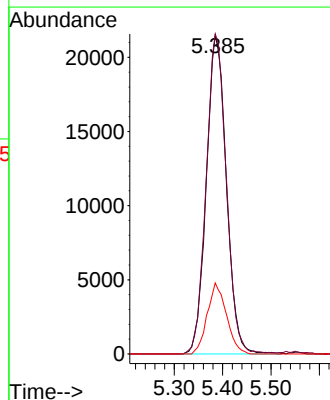
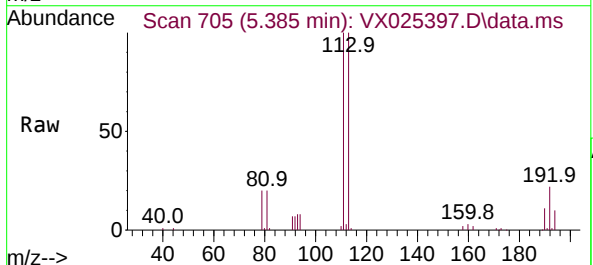
Instrument :
MSVOA_X
ClientSampleId :

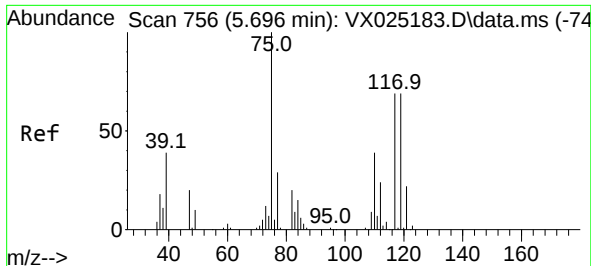
Tgt Ion:114 Resp: 202016
Ion Ratio Lower Upper
114 100
63 18.5 0.0 41.0
88 14.5 0.0 34.8



#35
Dibromofluoromethane
Concen: 49.839 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX025397.D
Acq: 30 Nov 2021 17:14

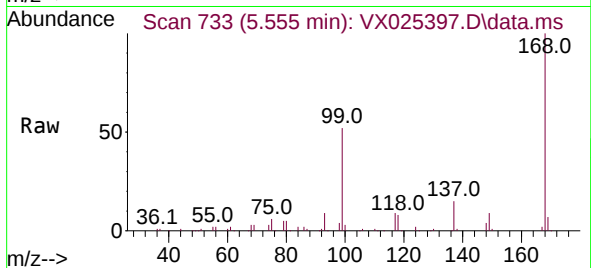
Tgt Ion:113 Resp: 61776
Ion Ratio Lower Upper
113 100
111 101.0 82.1 123.1
192 21.3 15.6 23.4



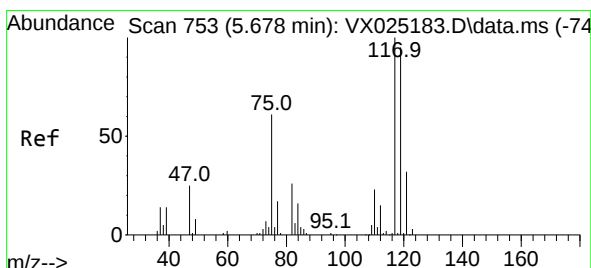
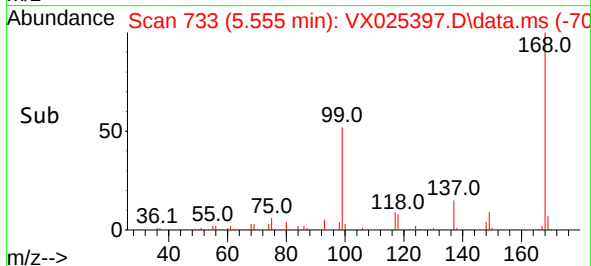
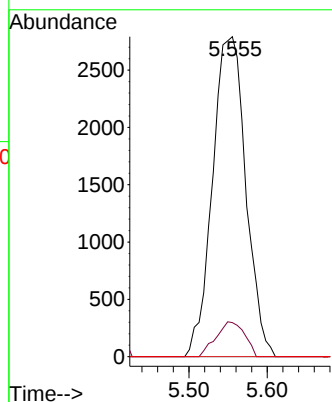


#36
1,1-Dichloropropene
Concen: 4.682 ug/l
RT: 5.555 min Scan# 71
Delta R.T. -0.141 min
Lab File: VX025397.D
Acq: 30 Nov 2021 17:14

Instrument :
MSVOA_X
ClientSampleId :

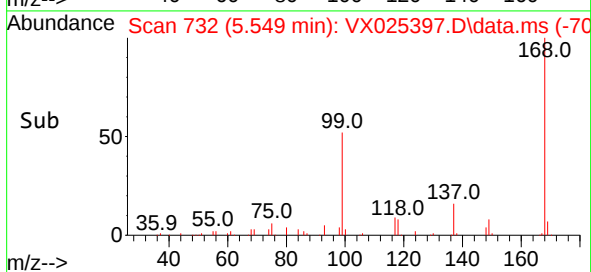
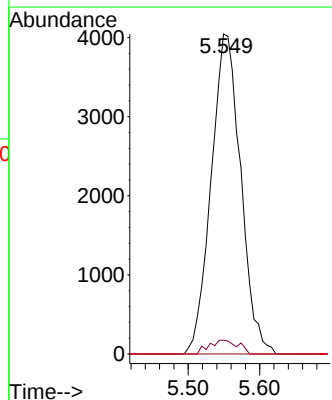
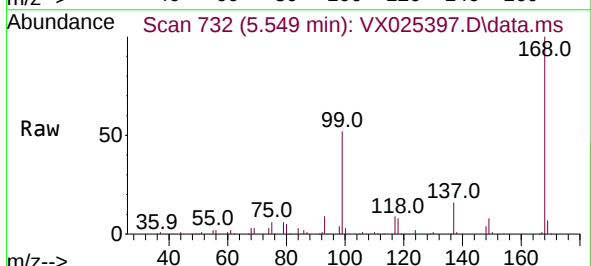


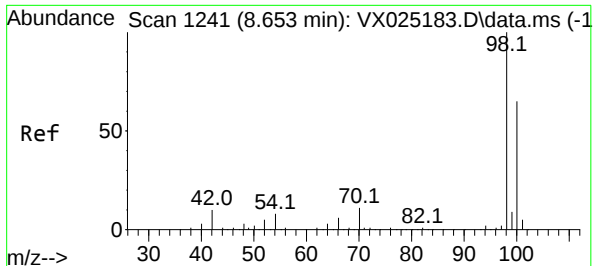
Tgt Ion: 75 Resp: 8252
Ion Ratio Lower Upper
75 100
110 9.3 18.1 54.3#
77 0.0 24.4 36.6#



#38
Carbon Tetrachloride
Concen: 5.978 ug/l
RT: 5.549 min Scan# 732
Delta R.T. -0.129 min
Lab File: VX025397.D
Acq: 30 Nov 2021 17:14

Tgt Ion: 117 Resp: 11604
Ion Ratio Lower Upper
117 100
119 4.3 75.6 113.4#
121 0.0 23.7 35.5#





#50

Toluene-d8

Concen: 49.728 ug/l

RT: 8.652 min Scan# 11

Delta R.T. -0.001 min

Lab File: VX025397.D

Acq: 30 Nov 2021 17:14

Instrument :

MSVOA_X

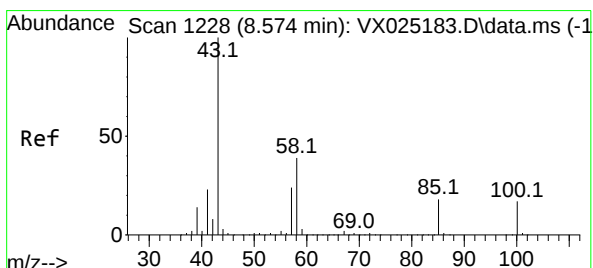
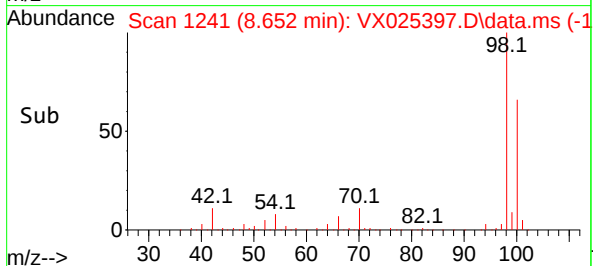
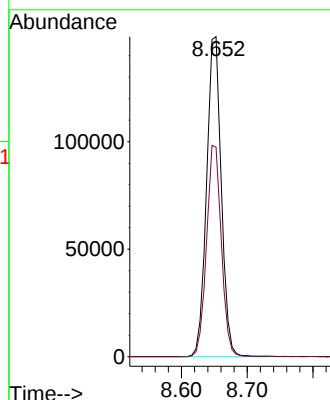
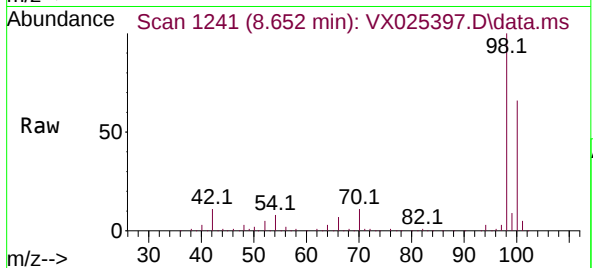
ClientSampleId :

Tgt Ion: 98 Resp: 231750

Ion Ratio Lower Upper

98 100

100 66.5 51.4 77.0



#51

4-Methyl-2-Pentanone

Concen: 0.480 ug/l

RT: 8.646 min Scan# 1240

Delta R.T. 0.072 min

Lab File: VX025397.D

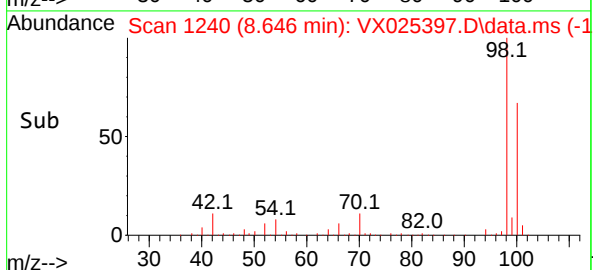
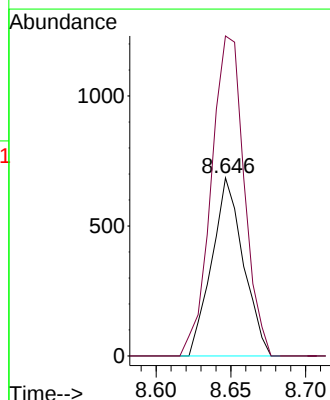
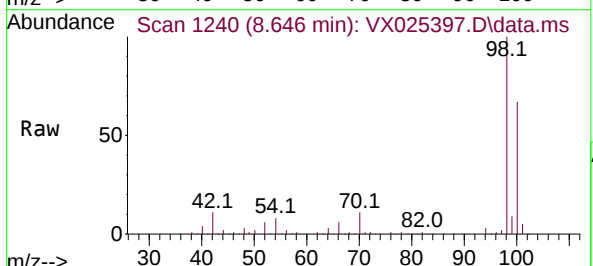
Acq: 30 Nov 2021 17:14

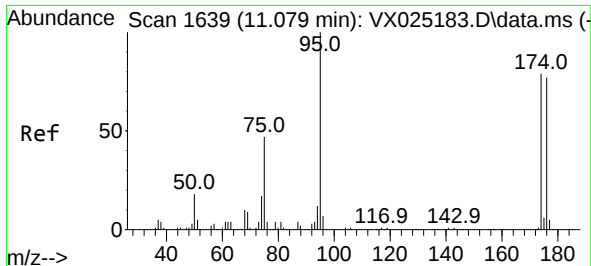
Tgt Ion: 43 Resp: 1005

Ion Ratio Lower Upper

43 100

58 188.0 30.9 46.3#





#62

4-Bromofluorobenzene

Concen: 46.416 ug/l

RT: 11.079 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX025397.D

Acq: 30 Nov 2021 17:14

Instrument :

MSVOA_X

ClientSampleId :

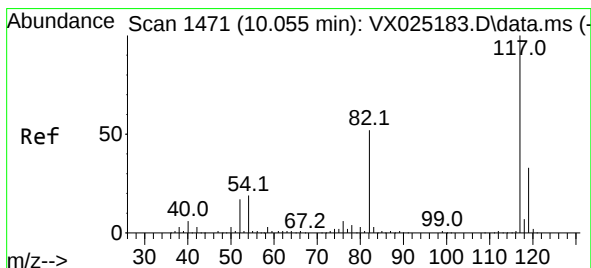
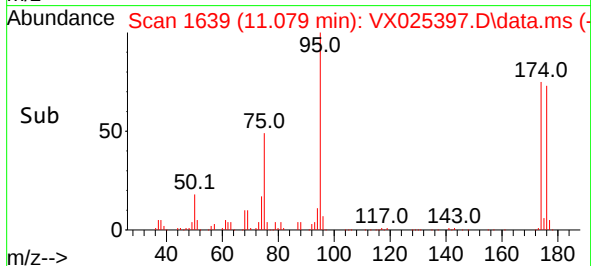
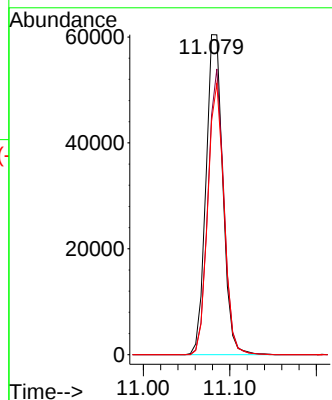
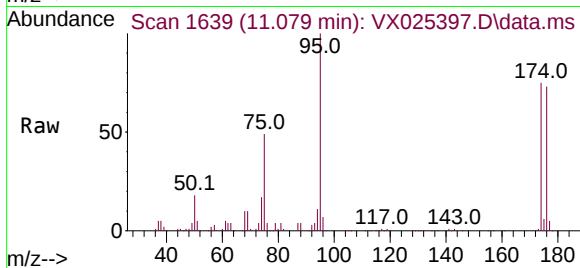
Tgt Ion: 95 Resp: 81834

Ion Ratio Lower Upper

95 100

174 84.3 0.0 158.0

176 81.6 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: VX025397.D

Acq: 30 Nov 2021 17:14

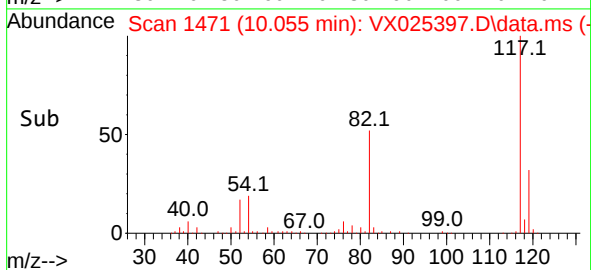
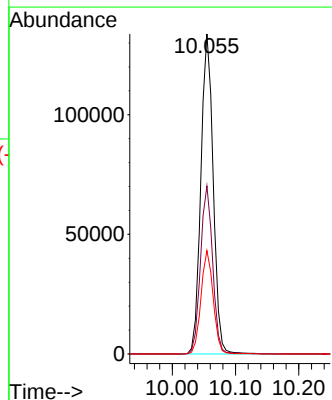
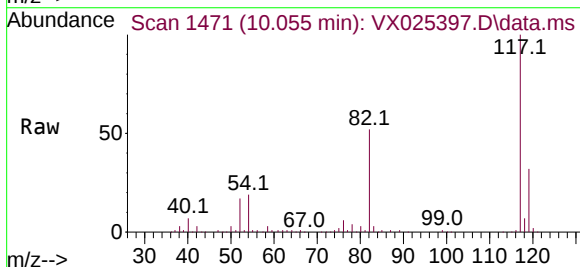
Tgt Ion: 117 Resp: 181602

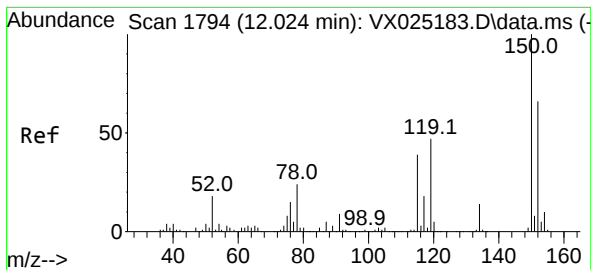
Ion Ratio Lower Upper

117 100

82 52.5 44.6 67.0

119 32.3 24.8 37.2





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX025397.D

Acq: 30 Nov 2021 17:14

Instrument :

MSVOA_X

ClientSampleId :

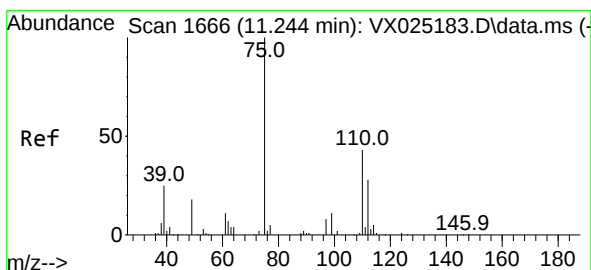
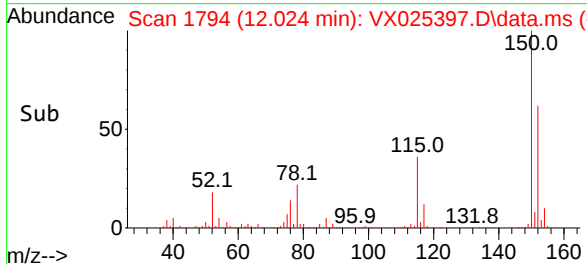
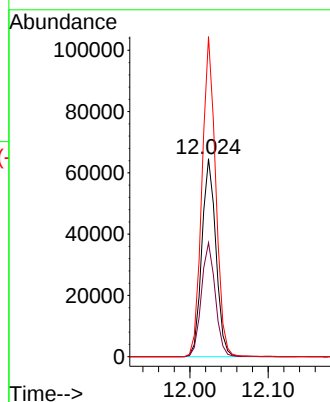
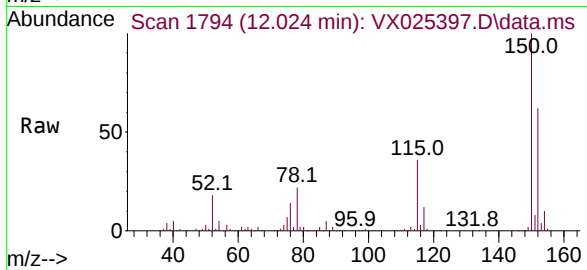
Tgt Ion:152 Resp: 80511

Ion Ratio Lower Upper

152 100

115 56.9 43.3 129.8

150 157.5 0.0 351.2



#76

1,2,3-Trichloropropane

Concen: 23.851 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.165 min

Lab File: VX025397.D

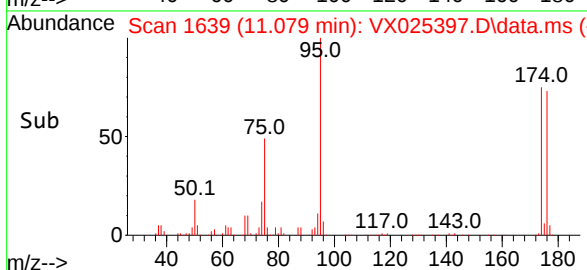
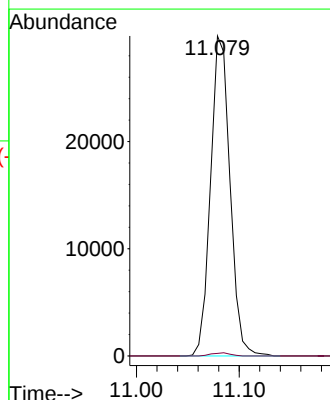
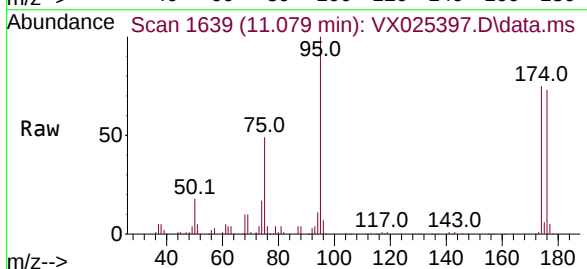
Acq: 30 Nov 2021 17:14

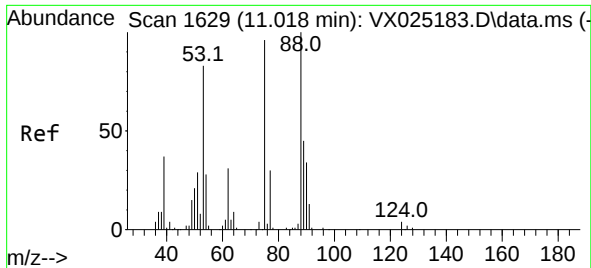
Tgt Ion: 75 Resp: 39323

Ion Ratio Lower Upper

75 100

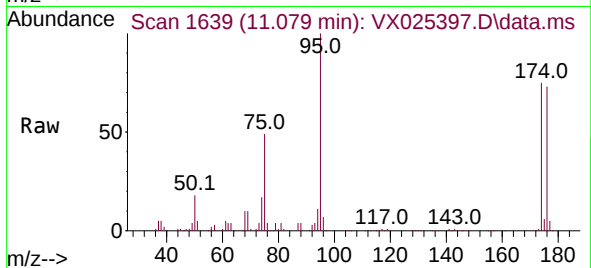
77 1.0 20.0 59.9#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 60.085 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX025397.D
 Acq: 30 Nov 2021 17:14

Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion: 75 Resp: 39323
 Ion Ratio Lower Upper
 75 100
 53 0.0 81.9 122.9#
 89 0.0 38.2 57.2#

