

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX011224\
 Data File : VX039736.D
 Acq On : 12 Jan 2024 14:52
 Operator : JC/MD
 Sample : P1129-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jan 12 22:39:08 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)

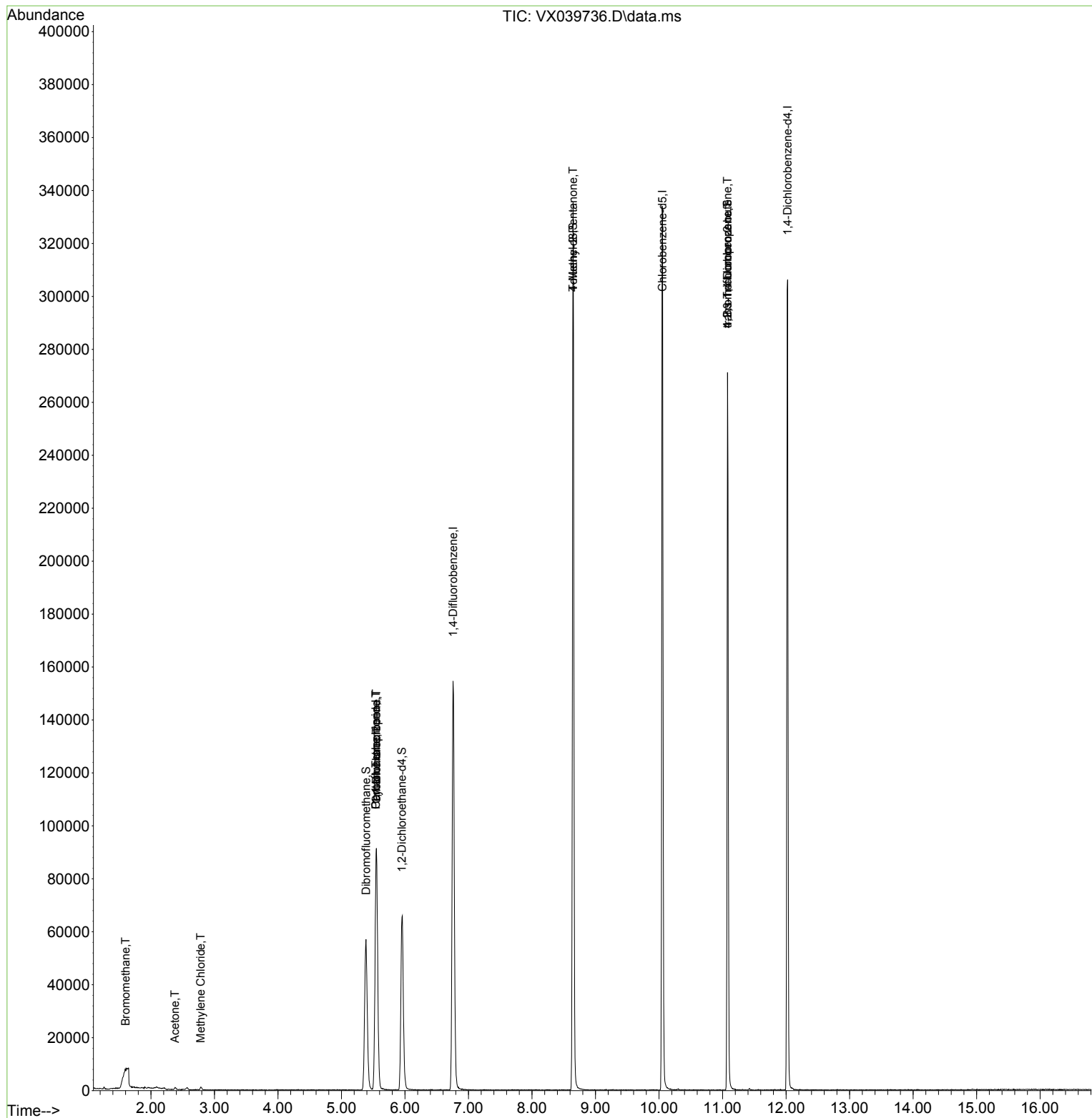
Internal Standards						
1) Pentafluorobenzene	5.544	168	82166	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	158172	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	152523	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	63056	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	63931	46.448	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	92.900%
35) Dibromofluoromethane	5.385	113	49290	46.266	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	92.540%
50) Toluene-d8	8.647	98	194514	48.410	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	96.820%
62) 4-Bromofluorobenzene	11.079	95	73963	47.073	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	94.140%
Target Compounds						
					Qvalue	
5) Bromomethane	1.599	94	237	0.363	ug/l #	80
16) Acetone	2.380	43	946	1.222	ug/l #	87
20) Methylene Chloride	2.782	84	518	0.442	ug/l #	79
31) Cyclohexane	5.550	56	2198	1.210	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	7536	4.544	ug/l #	51
38) Carbon Tetrachloride	5.544	117	8879	5.846	ug/l #	15
51) 4-Methyl-2-Pentanone	8.647	43	990	0.443	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	39737	24.307	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	39737	69.748	ug/l #	5

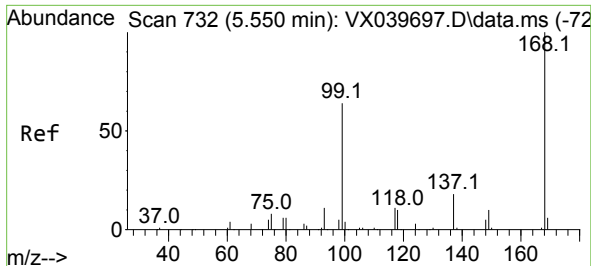
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jan 12 22:39:08 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

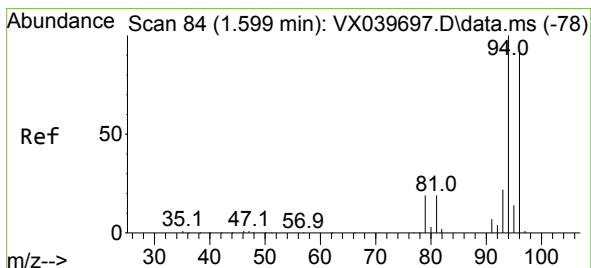
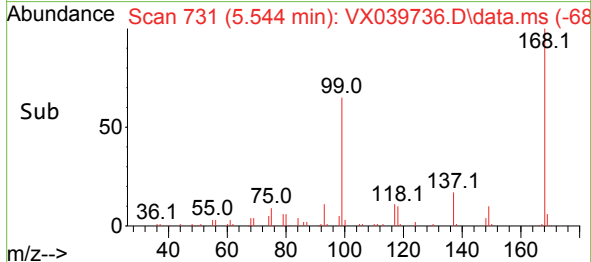
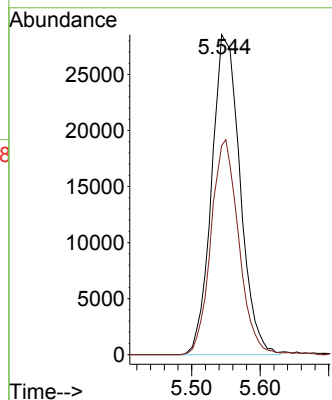
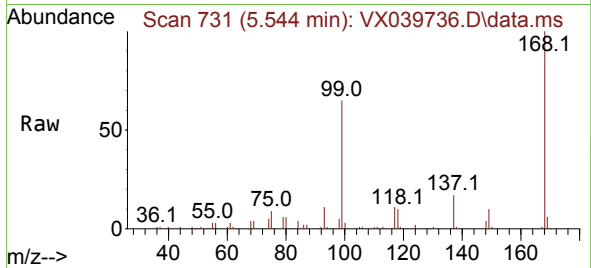




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX039736.D
Acq: 12 Jan 2024 14:52

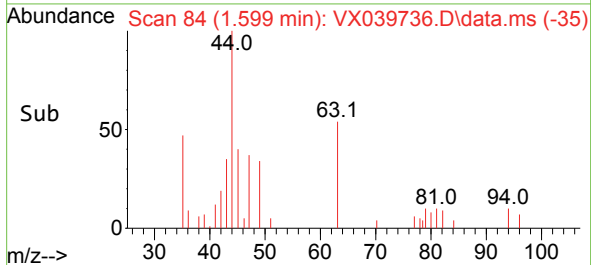
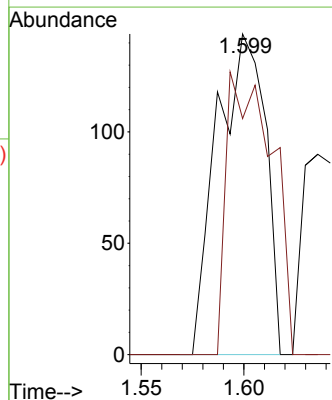
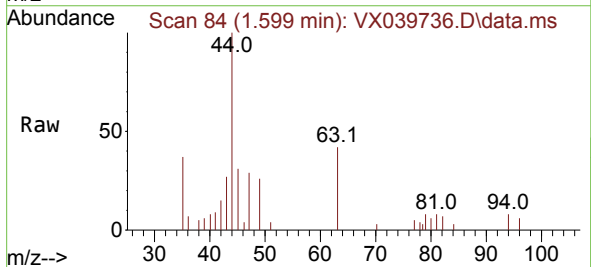
Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:168 Resp: 82166
Ion Ratio Lower Upper
168 100
99 65.3 56.6 85.0



#5
Bromomethane
Concen: 0.363 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.000 min
Lab File: VX039736.D
Acq: 12 Jan 2024 14:52

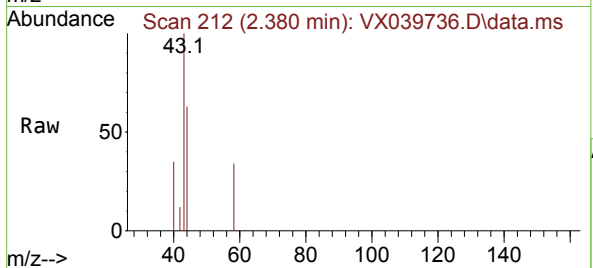
Tgt Ion: 94 Resp: 237
Ion Ratio Lower Upper
94 100
96 73.6 74.6 111.8#



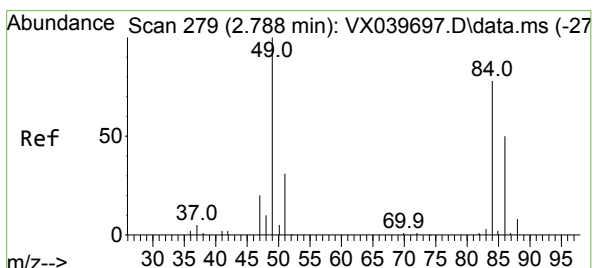
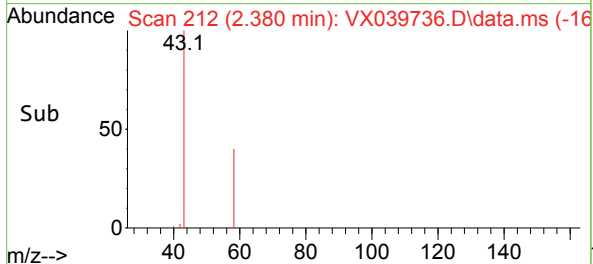
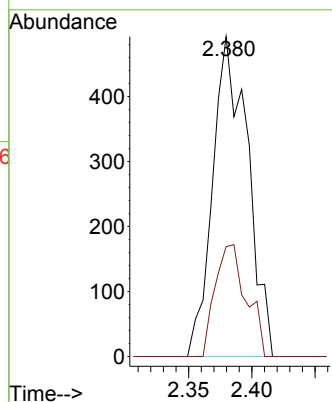


#16
Acetone
Concen: 1.222 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.000 min
Lab File: VX039736.D
Acq: 12 Jan 2024 14:52

Instrument :
MSVOA_X
ClientSampleId :

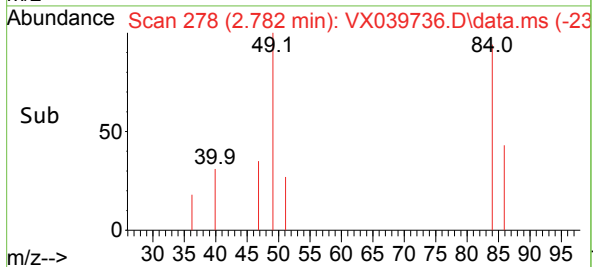
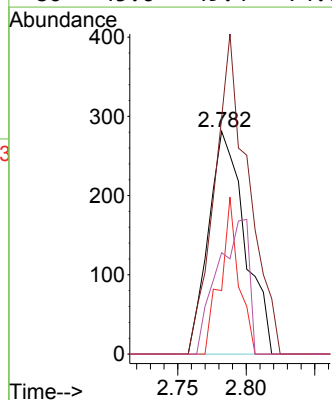
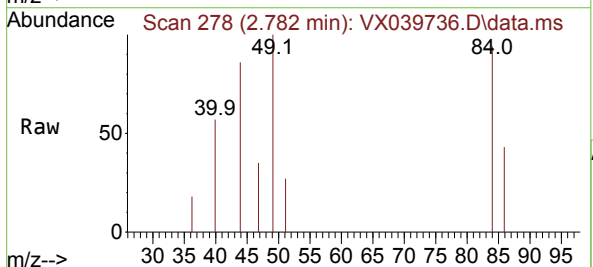


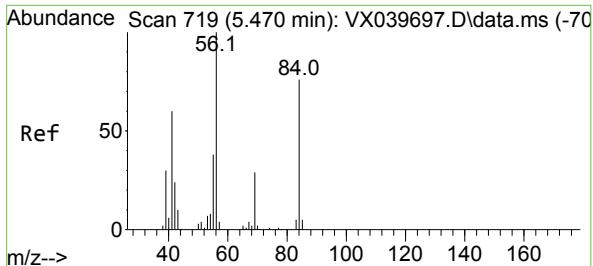
Tgt Ion: 43 Resp: 946
Ion Ratio Lower Upper
43 100
58 34.3 21.9 32.9#



#20
Methylene Chloride
Concen: 0.442 ug/l
RT: 2.782 min Scan# 278
Delta R.T. -0.006 min
Lab File: VX039736.D
Acq: 12 Jan 2024 14:52

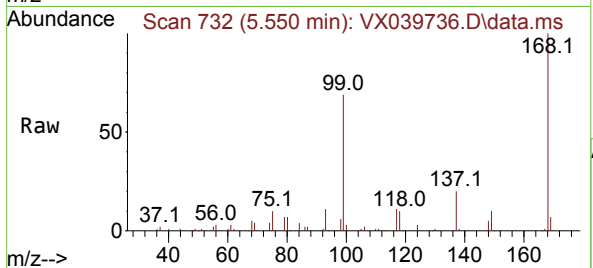
Tgt Ion: 84 Resp: 518
Ion Ratio Lower Upper
84 100
49 106.0 103.6 155.4
51 28.5 33.8 50.6#
86 45.6 49.4 74.0#



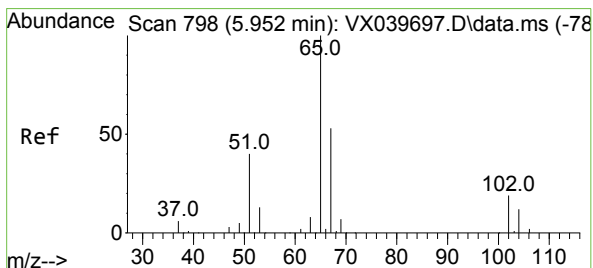
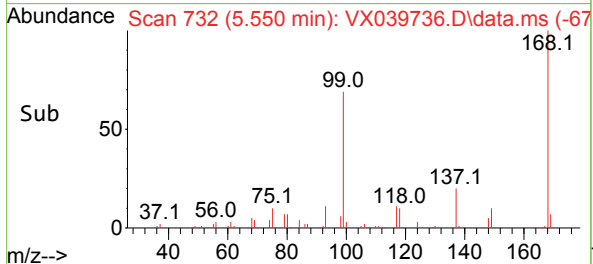
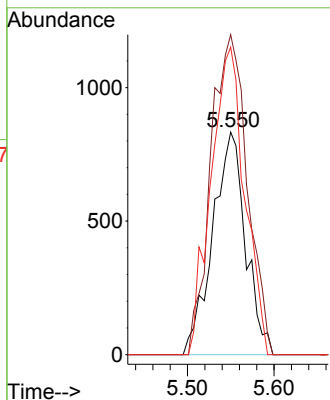


#31
Cyclohexane
Concen: 1.210 ug/l
RT: 5.550 min Scan# 719
Delta R.T. 0.079 min
Lab File: VX039736.D
Acq: 12 Jan 2024 14:52

Instrument :
MSVOA_X
ClientSampleId :

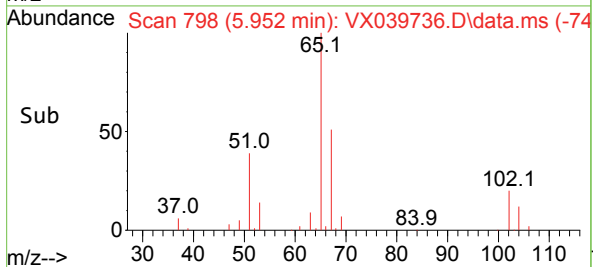
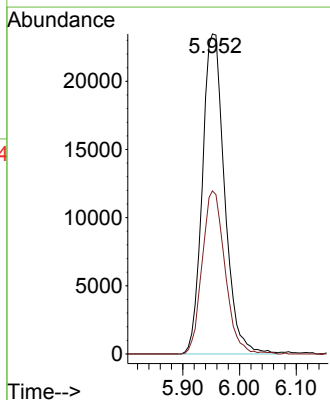
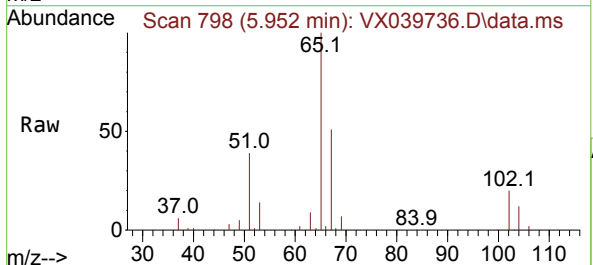


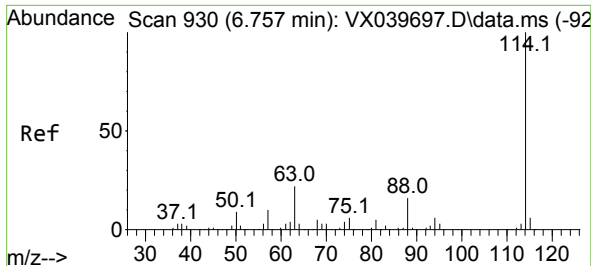
Tgt Ion: 56 Resp: 2198
Ion Ratio Lower Upper
56 100
69 143.8 23.4 35.2#
84 138.2 65.9 98.9#



#33
1,2-Dichloroethane-d4
Concen: 46.448 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.000 min
Lab File: VX039736.D
Acq: 12 Jan 2024 14:52

Tgt Ion: 65 Resp: 63931
Ion Ratio Lower Upper
65 100
67 52.4 0.0 100.2

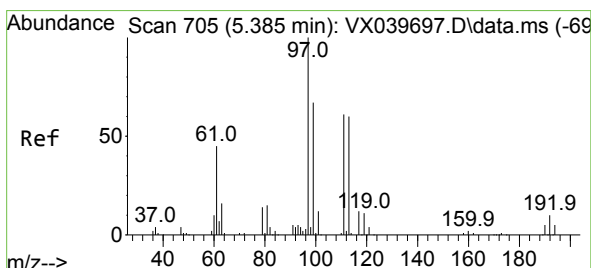
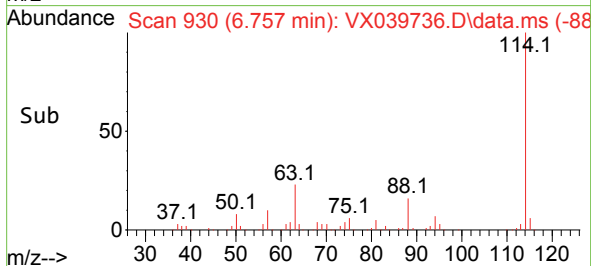
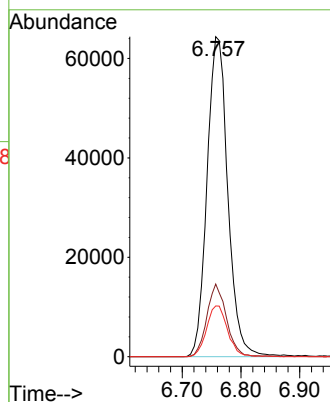
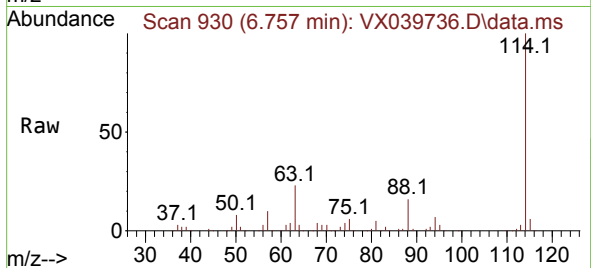




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX039736.D
Acq: 12 Jan 2024 14:52

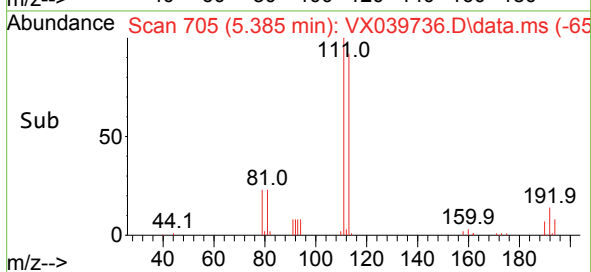
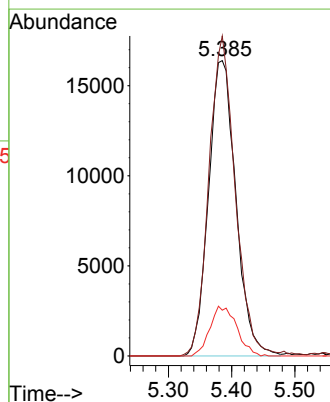
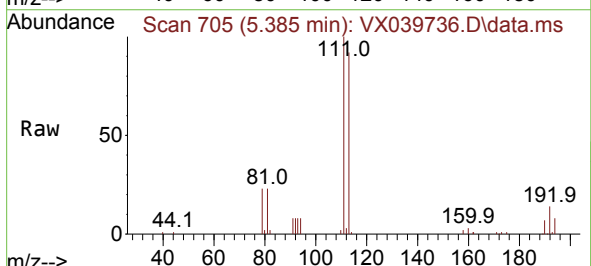
Instrument :
MSVOA_X
ClientSampleId :

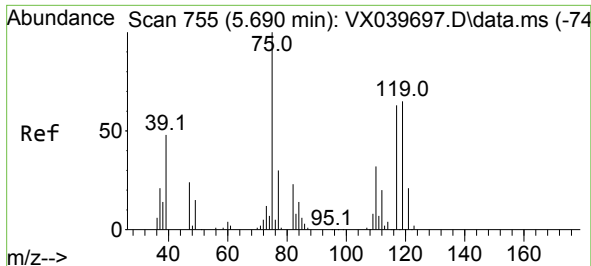
Tgt Ion:114 Resp: 158172
Ion Ratio Lower Upper
114 100
63 22.7 0.0 45.0
88 15.8 0.0 36.6



#35
Dibromofluoromethane
Concen: 46.266 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX039736.D
Acq: 12 Jan 2024 14:52

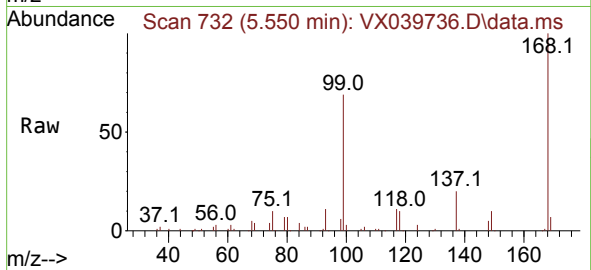
Tgt Ion:113 Resp: 49290
Ion Ratio Lower Upper
113 100
111 104.6 82.9 124.3
192 16.5 13.3 19.9



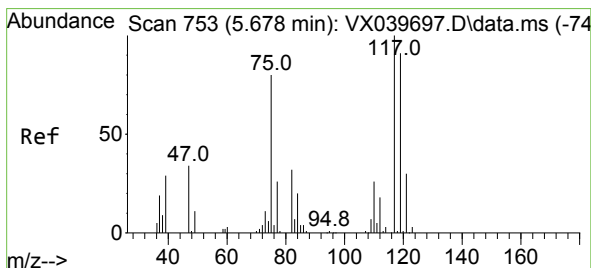
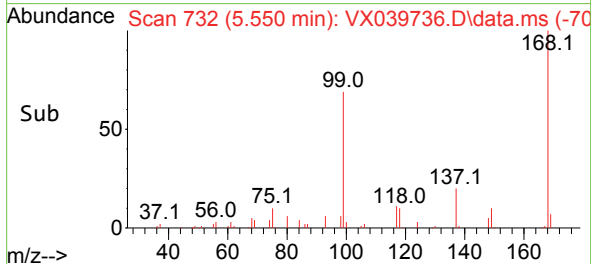
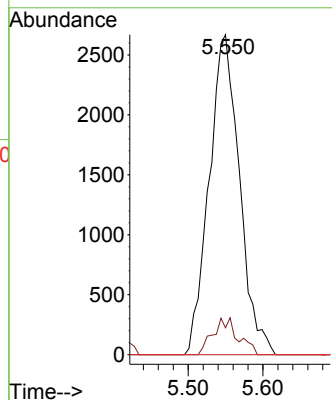


#36
1,1-Dichloropropene
Concen: 4.544 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.140 min
Lab File: VX039736.D
Acq: 12 Jan 2024 14:52

Instrument :
MSVOA_X
ClientSampleId :

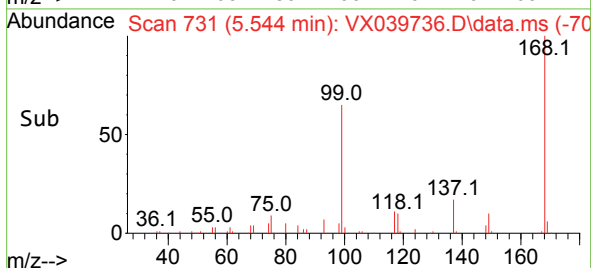
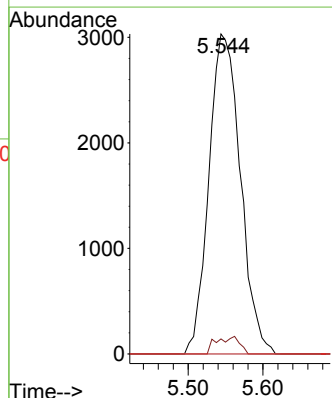
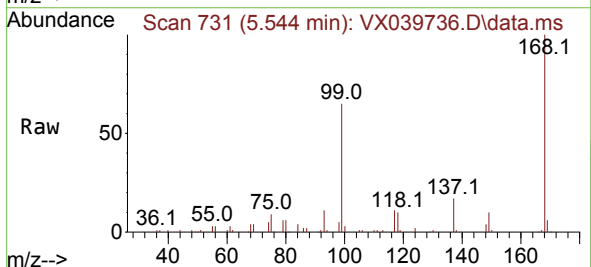


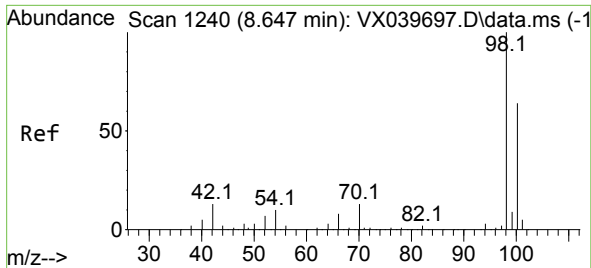
Tgt Ion: 75 Resp: 7536
Ion Ratio Lower Upper
75 100
110 9.5 17.0 50.9#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 5.846 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.134 min
Lab File: VX039736.D
Acq: 12 Jan 2024 14:52

Tgt Ion: 117 Resp: 8879
Ion Ratio Lower Upper
117 100
119 4.7 78.2 117.2#
121 0.0 24.4 36.6#

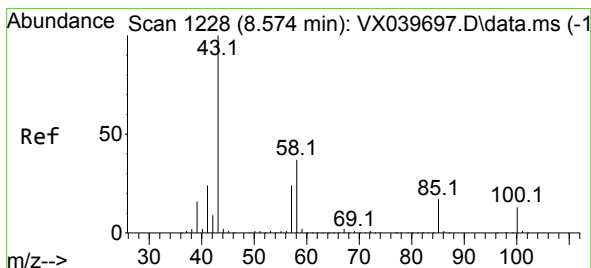
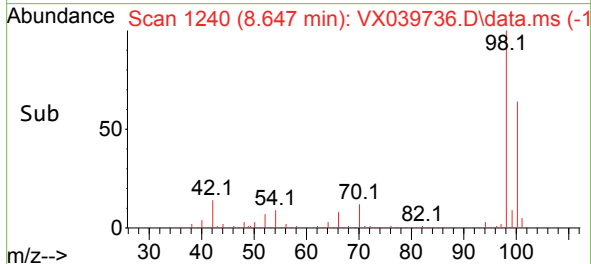
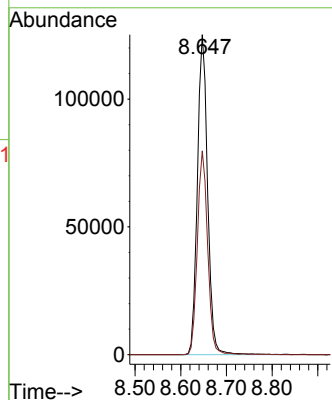
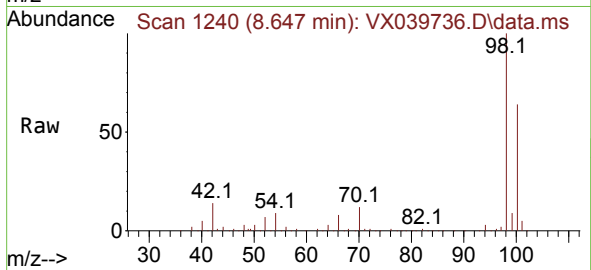




#50
Toluene-d8
Concen: 48.410 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX039736.D
Acq: 12 Jan 2024 14:52

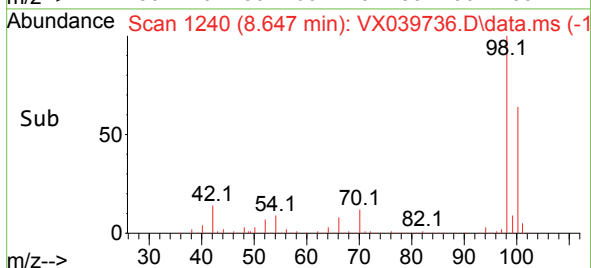
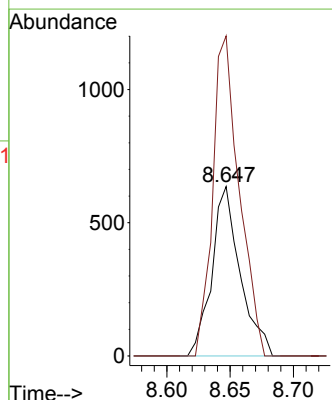
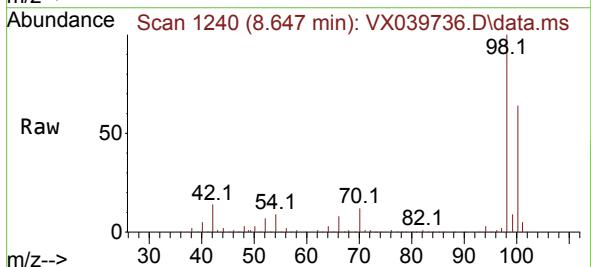
Instrument :
MSVOA_X
ClientSampleId :

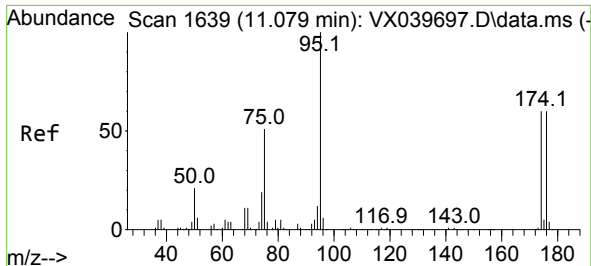
Tgt Ion: 98 Resp: 194514
Ion Ratio Lower Upper
98 100
100 64.0 53.1 79.7



#51
4-Methyl-2-Pentanone
Concen: 0.443 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.073 min
Lab File: VX039736.D
Acq: 12 Jan 2024 14:52

Tgt Ion: 43 Resp: 990
Ion Ratio Lower Upper
43 100
58 176.9 30.4 45.6#

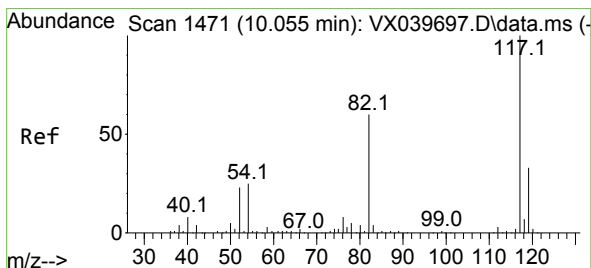
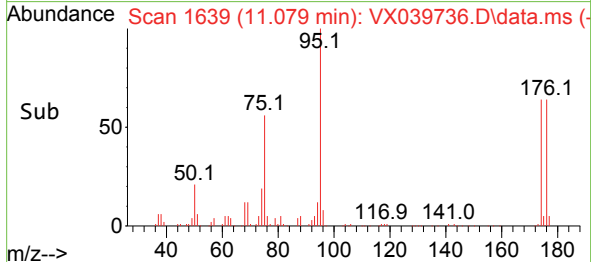
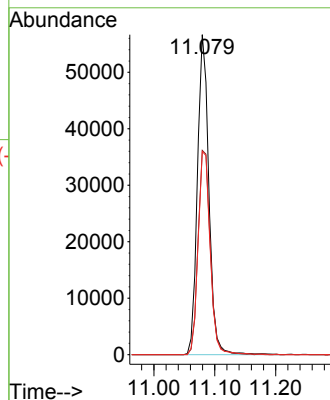
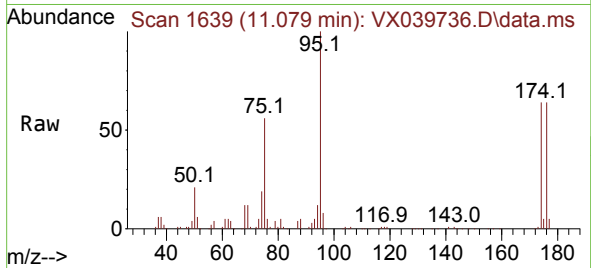




#62
4-Bromofluorobenzene
Concen: 47.073 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX039736.D
Acq: 12 Jan 2024 14:52

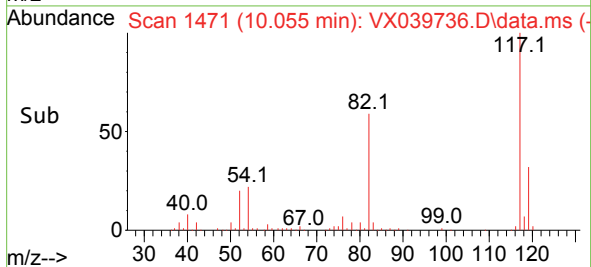
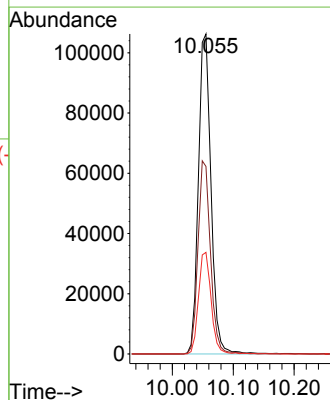
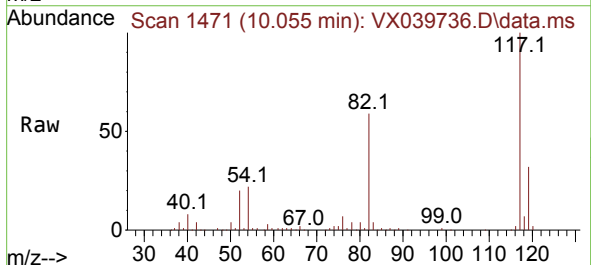
Instrument :
MSVOA_X
ClientSampleId :

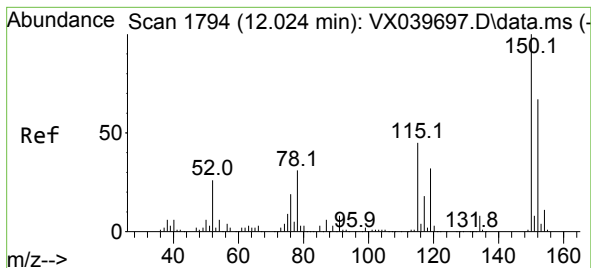
Tgt Ion: 95 Resp: 73963
Ion Ratio Lower Upper
95 100
174 67.8 0.0 135.6
176 66.9 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX039736.D
Acq: 12 Jan 2024 14:52

Tgt Ion: 117 Resp: 152523
Ion Ratio Lower Upper
117 100
82 58.6 46.2 69.4
119 31.8 25.5 38.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX039736.D

Acq: 12 Jan 2024 14:52

Instrument :

MSVOA_X

ClientSampleId :

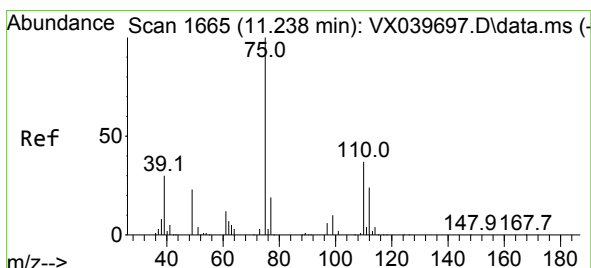
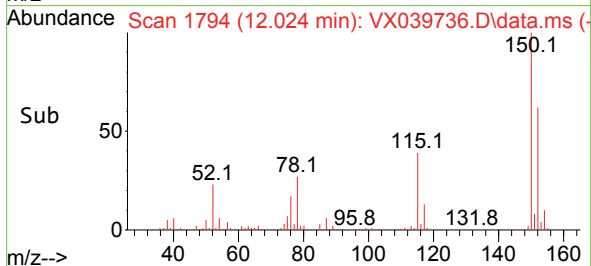
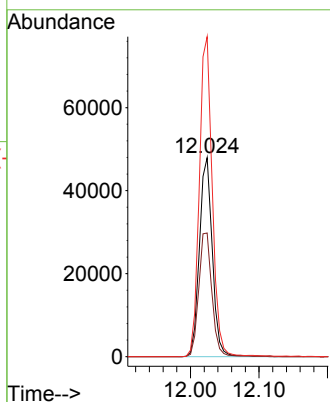
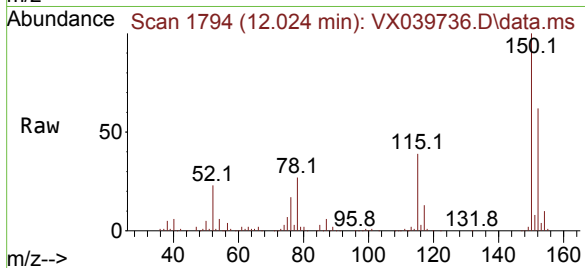
Tgt Ion:152 Resp: 63056

Ion Ratio Lower Upper

152 100

115 63.4 43.3 129.9

150 161.0 0.0 345.0



#76

1,2,3-Trichloropropane

Concen: 24.307 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.158 min

Lab File: VX039736.D

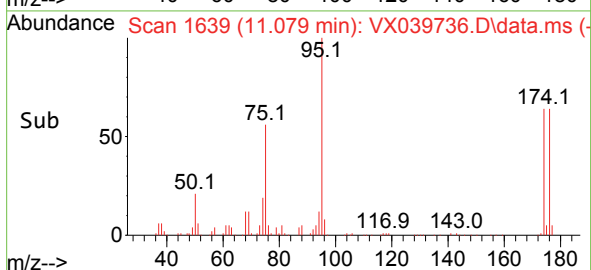
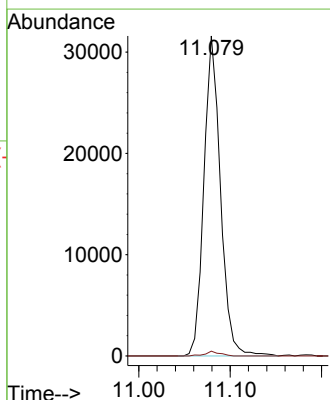
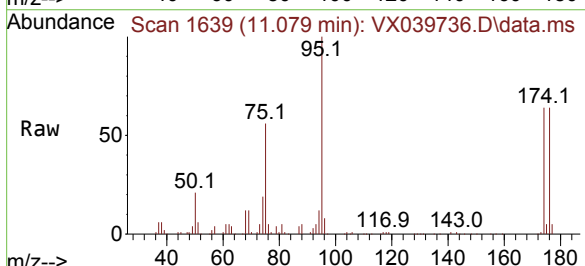
Acq: 12 Jan 2024 14:52

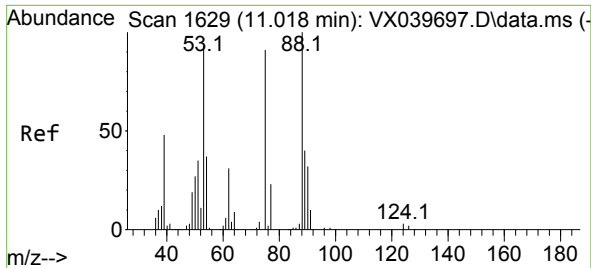
Tgt Ion: 75 Resp: 39737

Ion Ratio Lower Upper

75 100

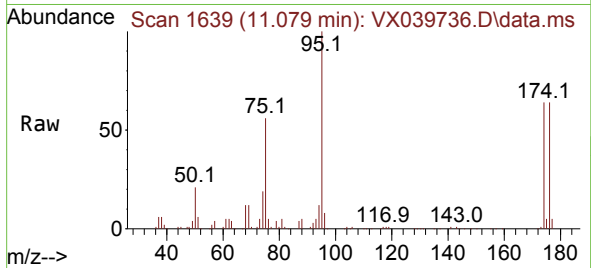
77 1.3 19.1 57.5#





#81
trans-1,4-Dichloro-2-butene
Concen: 69.748 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX039736.D
Acq: 12 Jan 2024 14:52

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion: 75 Resp: 39737
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 36.9 55.3#

