

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX090923\
 Data File : VX037622.D
 Acq On : 09 Sep 2023 12:58
 Operator : JC/MD
 Sample : 04358-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Sep 11 01:21:06 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X090823W.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 09 06:38:11 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

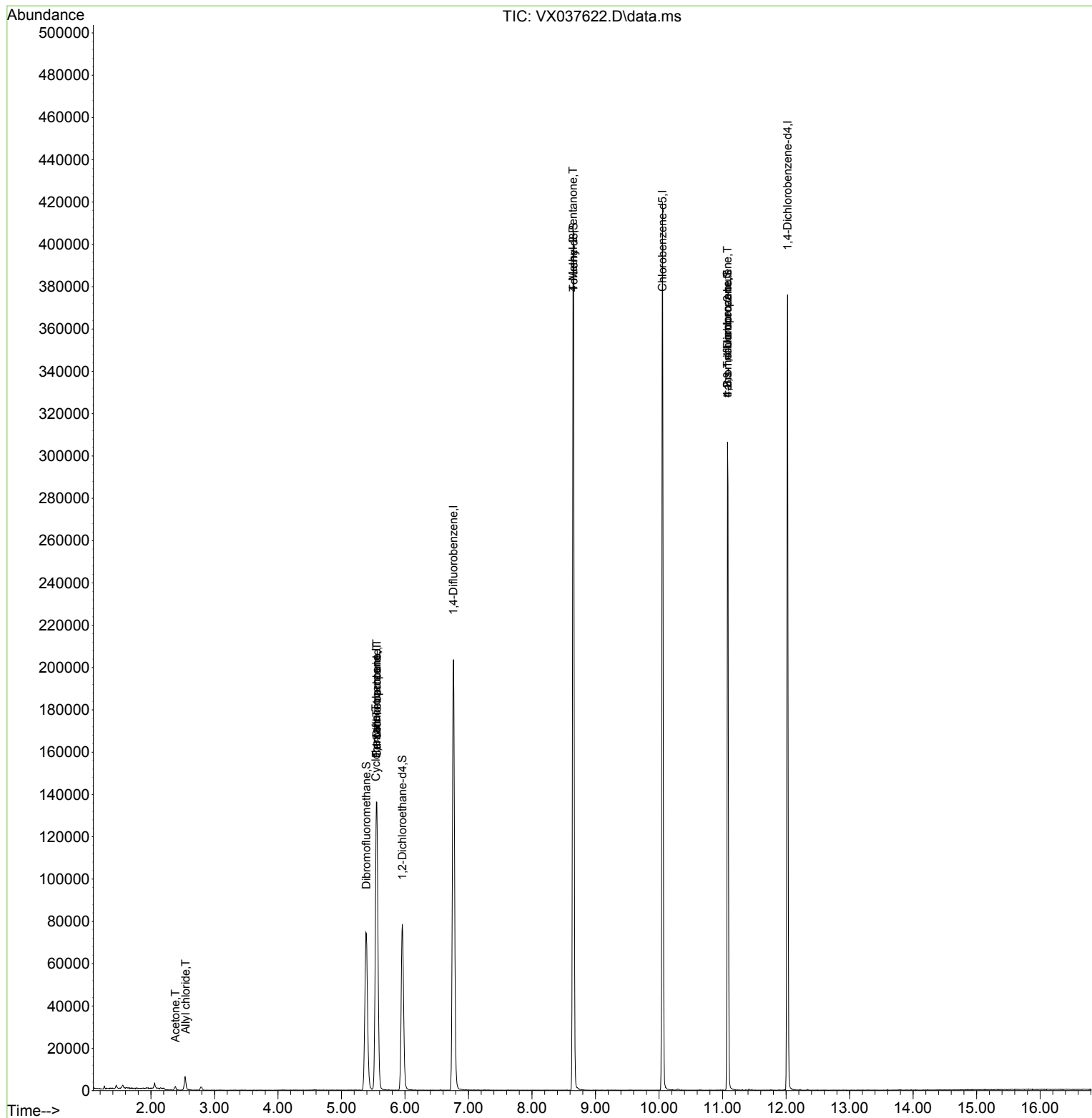
Internal Standards						
1) Pentafluorobenzene	5.550	168	135459	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	224241	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	196090	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	82867	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	76270	41.711	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	83.420%
35) Dibromofluoromethane	5.391	113	68118	43.431	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	86.860%
50) Toluene-d8	8.653	98	260769	45.331	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	90.660%#
62) 4-Bromofluorobenzene	11.079	95	89430	41.249	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	82.500%#
Target Compounds						
					Qvalue	
14) Allyl chloride	2.544	41	630	0.309	ug/l #	71
16) Acetone	2.386	43	1882	2.503	ug/l #	83
20) Methylene Chloride	2.782	84	939	Below Cal	#	69
31) Cyclohexane	5.544	56	2363	1.062	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	9669	4.666	ug/l #	51
38) Carbon Tetrachloride	5.556	117	13859	6.472	ug/l #	15
51) 4-Methyl-2-Pentanone	8.647	43	787	0.389	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	41531	21.409	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	41531	63.989	ug/l #	5

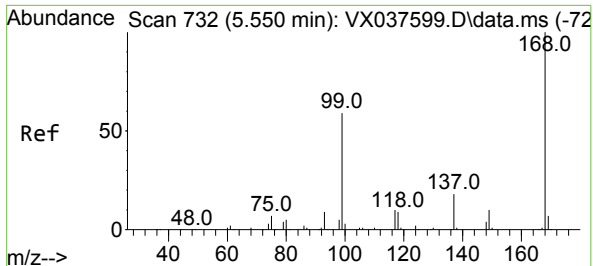
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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MSVOA_X
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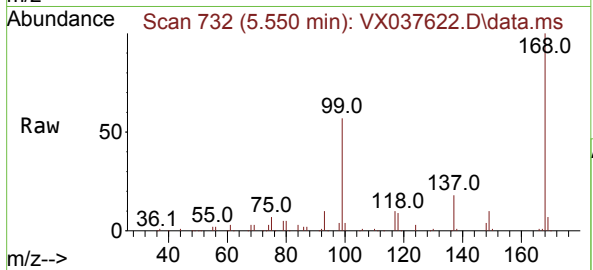
Quant Time: Sep 11 01:21:06 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X090823W.M
Quant Title : SW846 8260
QLast Update : Sat Sep 09 06:38:11 2023
Response via : Initial Calibration



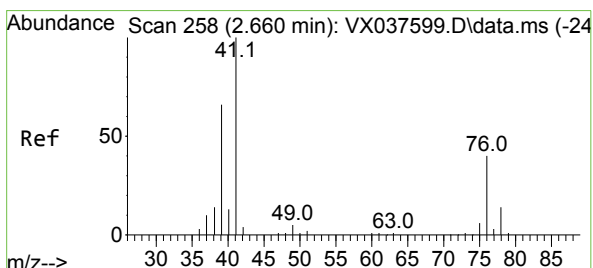
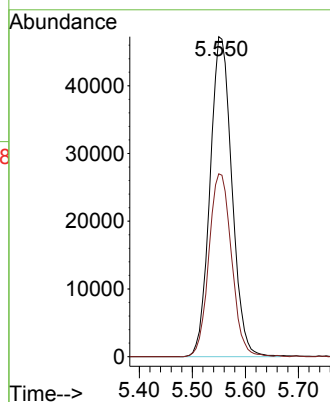
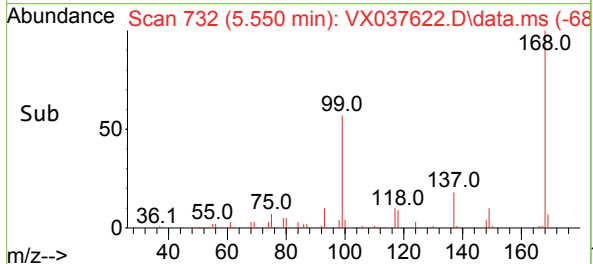


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX037622.D
Acq: 09 Sep 2023 12:58

Instrument :
MSVOA_X
ClientSampleId :

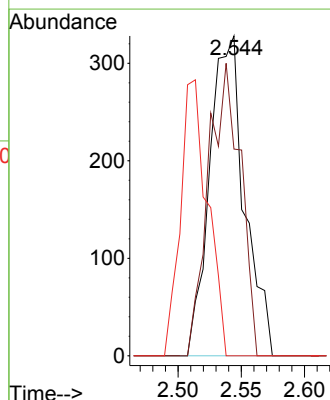
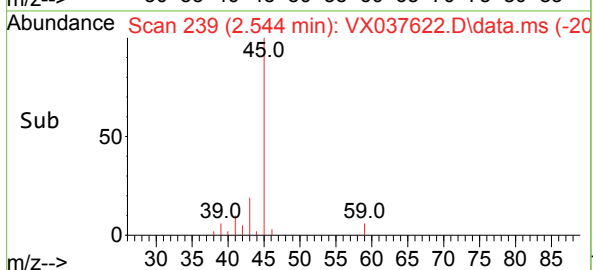
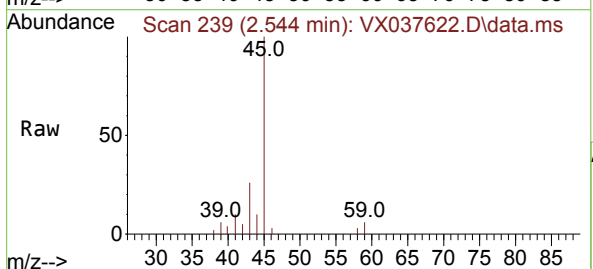


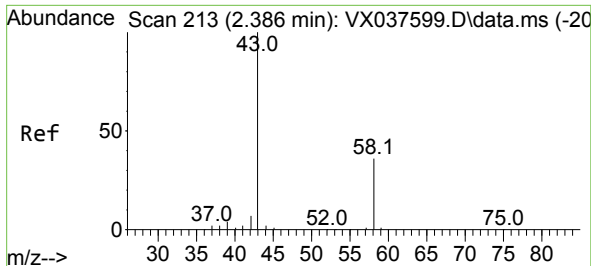
Tgt Ion:168 Resp: 135459
Ion Ratio Lower Upper
168 100
99 57.1 56.6 85.0



#14
Allyl chloride
Concen: 0.309 ug/l
RT: 2.544 min Scan# 239
Delta R.T. -0.116 min
Lab File: VX037622.D
Acq: 09 Sep 2023 12:58

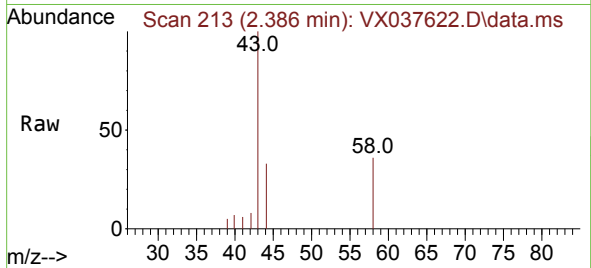
Tgt Ion: 41 Resp: 630
Ion Ratio Lower Upper
41 100
39 83.8 55.8 83.6#
76 0.0 24.3 36.5#



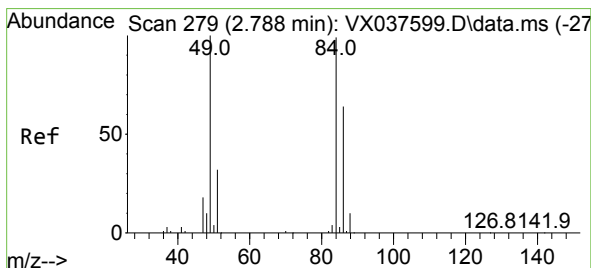
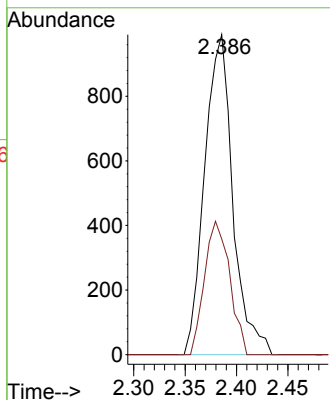
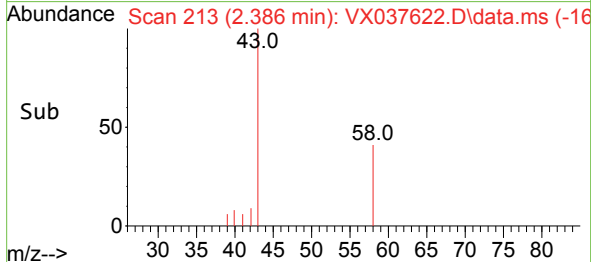


#16
Acetone
Concen: 2.503 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX037622.D
Acq: 09 Sep 2023 12:58

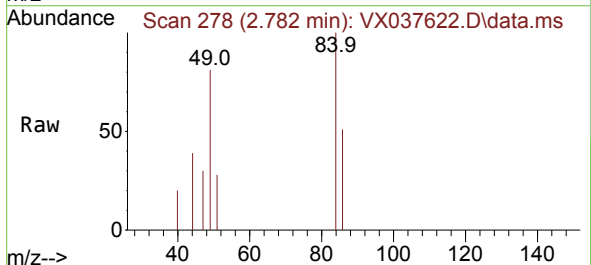
Instrument :
MSVOA_X
ClientSampleId :



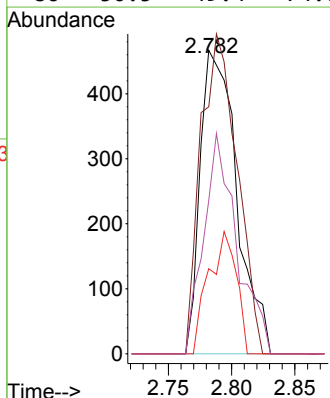
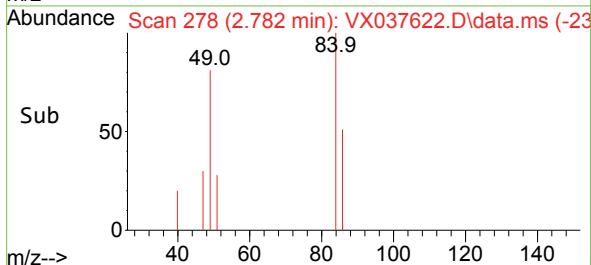
Tgt Ion: 43 Resp: 1882
Ion Ratio Lower Upper
43 100
58 36.1 21.9 32.9#

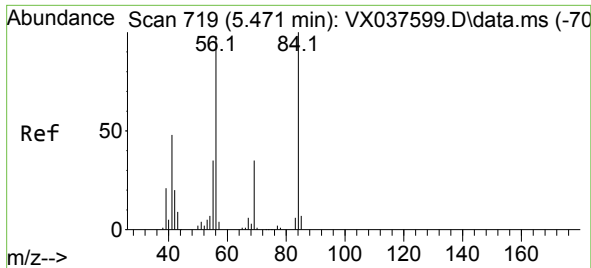


#20
Methylene Chloride
Concen: Below Cal
RT: 2.782 min Scan# 278
Delta R.T. -0.006 min
Lab File: VX037622.D
Acq: 09 Sep 2023 12:58



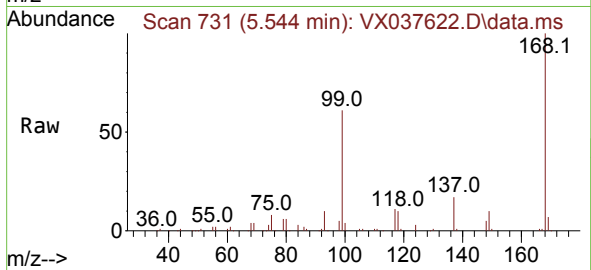
Tgt Ion: 84 Resp: 939
Ion Ratio Lower Upper
84 100
49 81.4 103.6 155.4#
51 28.1 33.8 50.6#
86 50.5 49.4 74.0



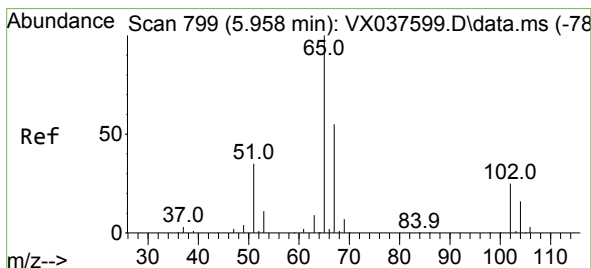
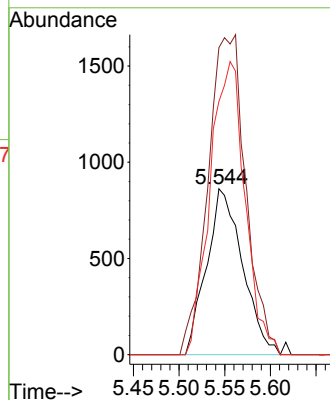
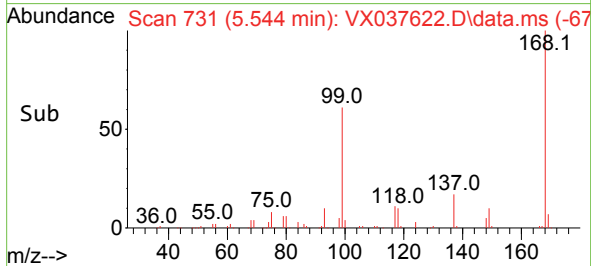


#31
Cyclohexane
Concen: 1.062 ug/l
RT: 5.544 min Scan# 719
Delta R.T. 0.073 min
Lab File: VX037622.D
Acq: 09 Sep 2023 12:58

Instrument :
MSVOA_X
ClientSampleId :

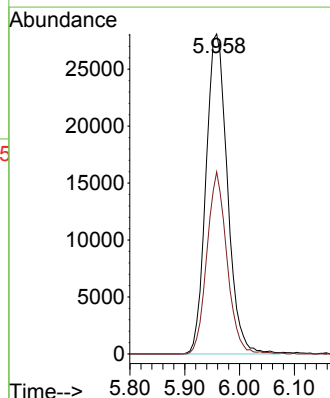
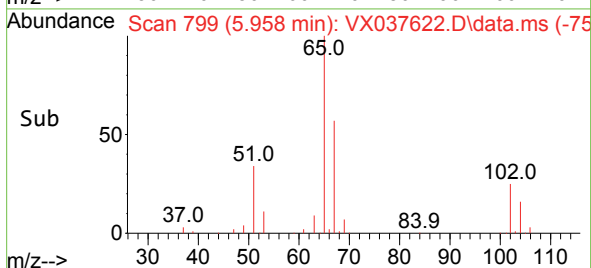
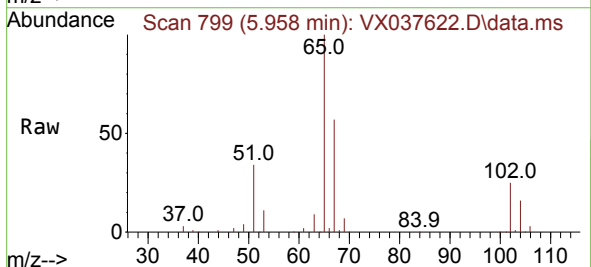


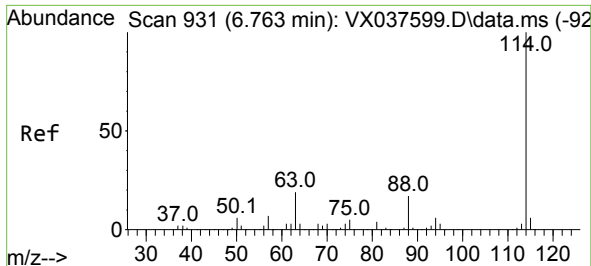
Tgt Ion: 56 Resp: 2363
Ion Ratio Lower Upper
56 100
69 185.2 23.4 35.2#
84 152.7 65.9 98.9#



#33
1,2-Dichloroethane-d4
Concen: 41.711 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.000 min
Lab File: VX037622.D
Acq: 09 Sep 2023 12:58

Tgt Ion: 65 Resp: 76270
Ion Ratio Lower Upper
65 100
67 53.3 0.0 100.2

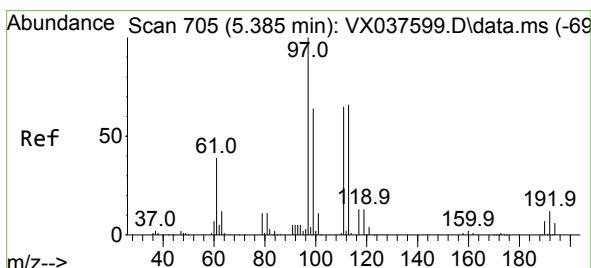
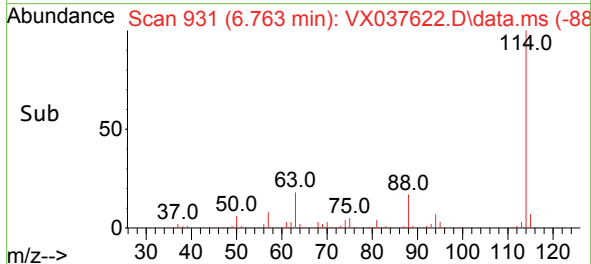
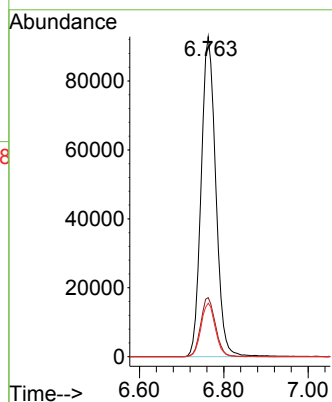
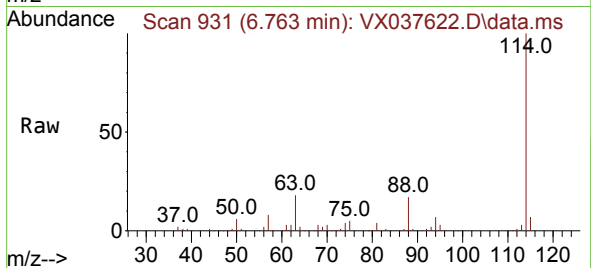




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX037622.D
Acq: 09 Sep 2023 12:58

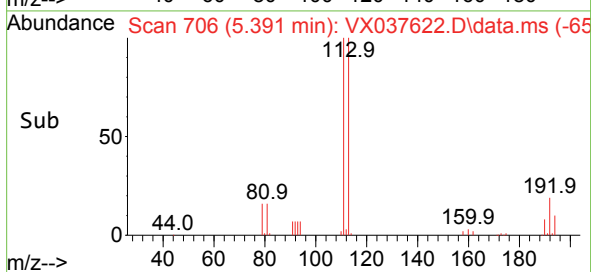
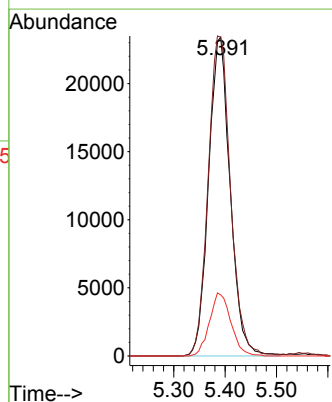
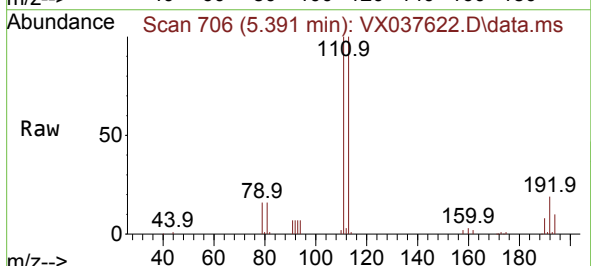
Instrument :
MSVOA_X
ClientSampleId :

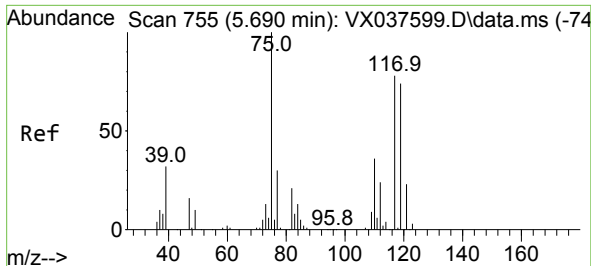
Tgt Ion:114 Resp: 224241
Ion Ratio Lower Upper
114 100
63 18.5 0.0 45.0
88 16.7 0.0 36.6



#35
Dibromofluoromethane
Concen: 43.431 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX037622.D
Acq: 09 Sep 2023 12:58

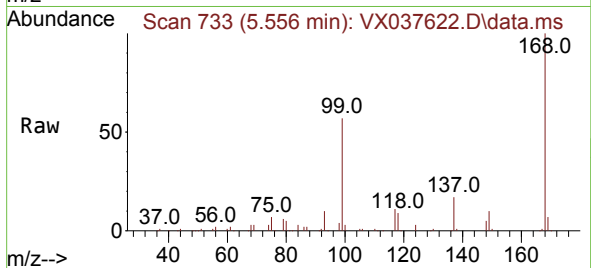
Tgt Ion:113 Resp: 68118
Ion Ratio Lower Upper
113 100
111 104.2 82.9 124.3
192 19.6 13.3 19.9



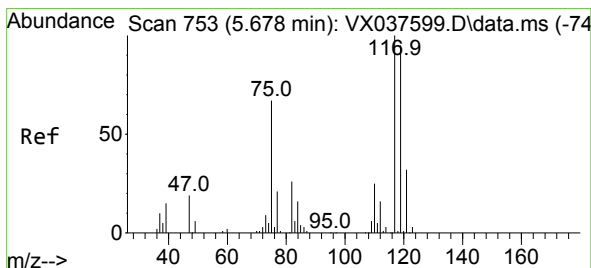
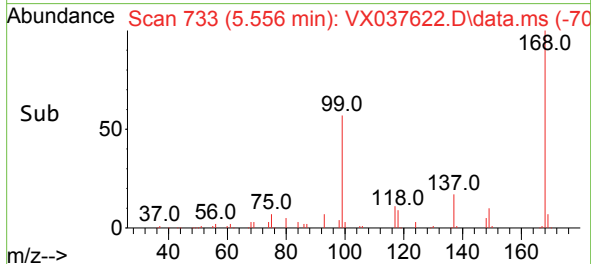
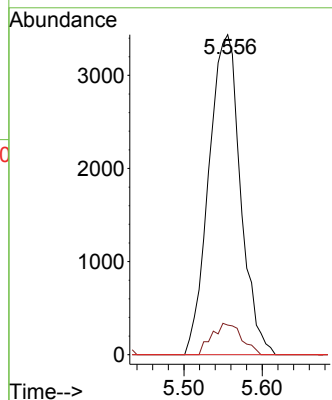


#36
1,1-Dichloropropene
Concen: 4.666 ug/l
RT: 5.556 min Scan# 713
Delta R.T. -0.134 min
Lab File: VX037622.D
Acq: 09 Sep 2023 12:58

Instrument :
MSVOA_X
ClientSampleId :

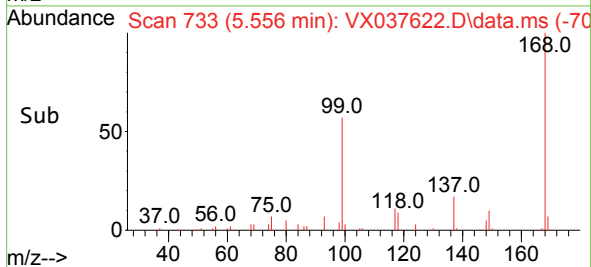
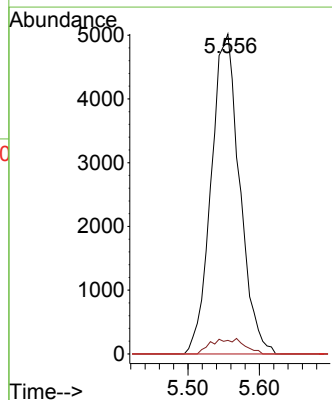
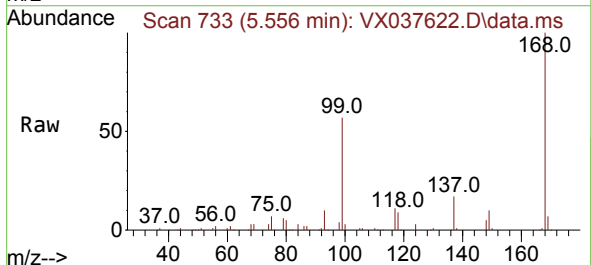


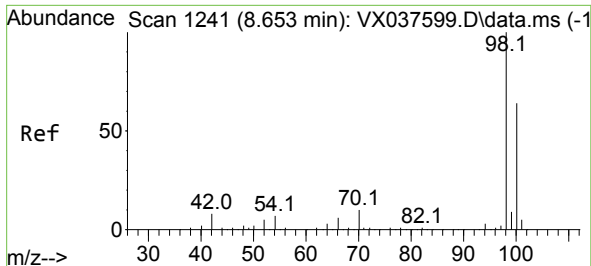
Tgt Ion: 75 Resp: 9669
Ion Ratio Lower Upper
75 100
110 9.2 17.0 50.9#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 6.472 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.122 min
Lab File: VX037622.D
Acq: 09 Sep 2023 12:58

Tgt Ion: 117 Resp: 13859
Ion Ratio Lower Upper
117 100
119 4.2 78.2 117.2#
121 0.0 24.4 36.6#

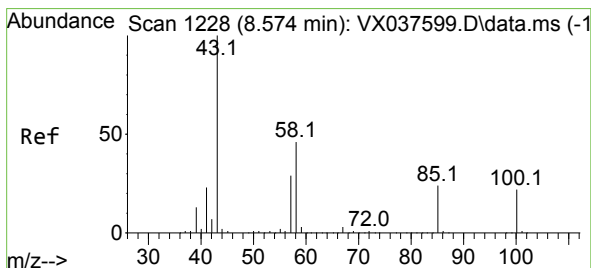
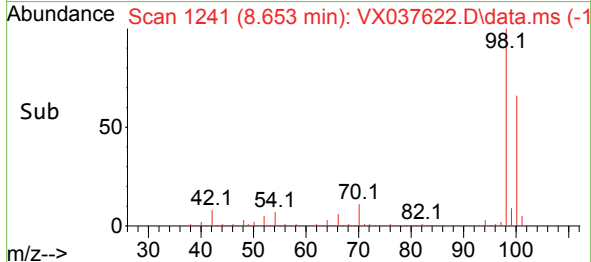
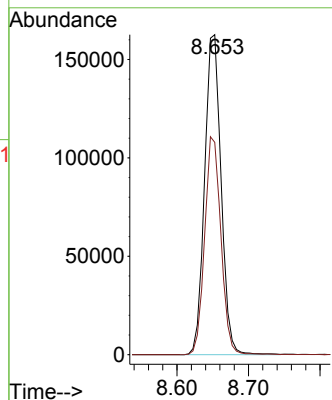
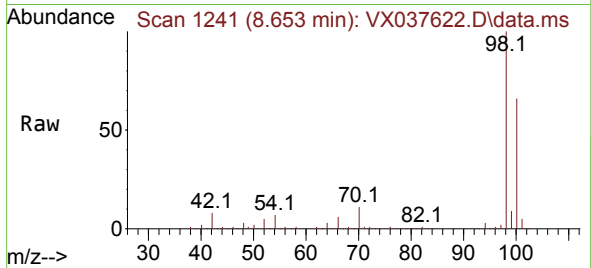




#50
Toluene-d8
Concen: 45.331 ug/l
RT: 8.653 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX037622.D
Acq: 09 Sep 2023 12:58

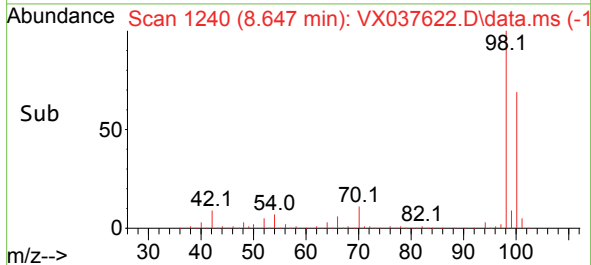
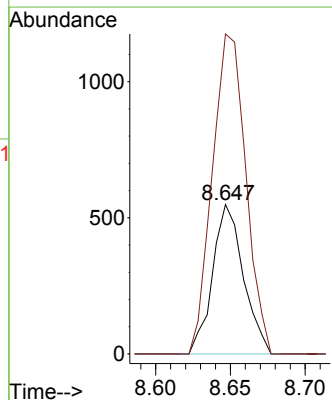
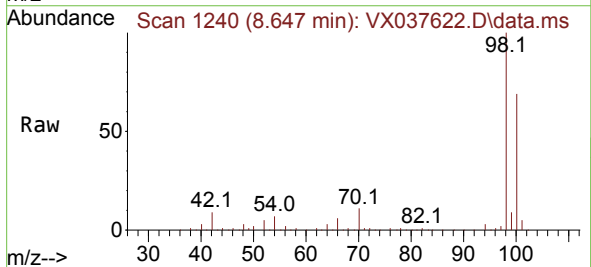
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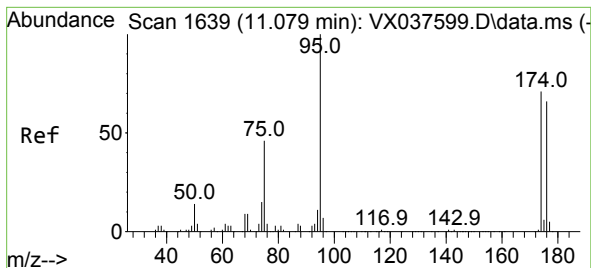
Tgt Ion: 98 Resp: 260769
Ion Ratio Lower Upper
98 100
100 67.2 53.1 79.7



#51
4-Methyl-2-Pentanone
Concen: 0.389 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.073 min
Lab File: VX037622.D
Acq: 09 Sep 2023 12:58

Tgt Ion: 43 Resp: 787
Ion Ratio Lower Upper
43 100
58 232.9 30.4 45.6#

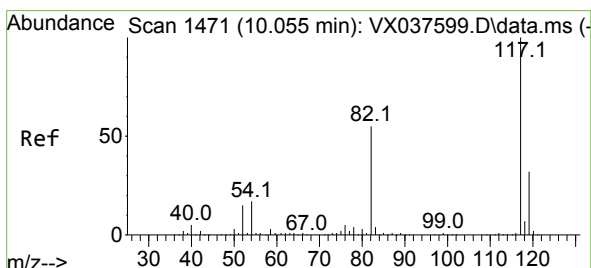
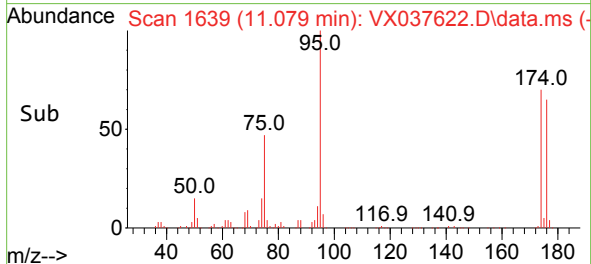
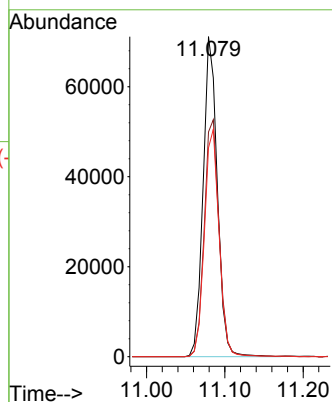
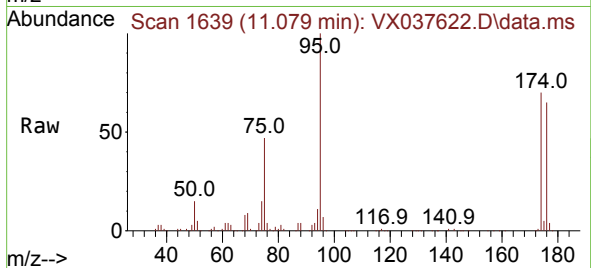




#62
4-Bromofluorobenzene
Concen: 41.249 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX037622.D
Acq: 09 Sep 2023 12:58

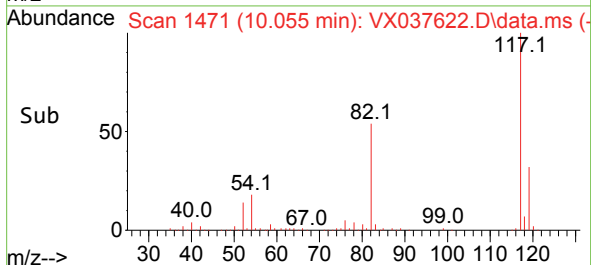
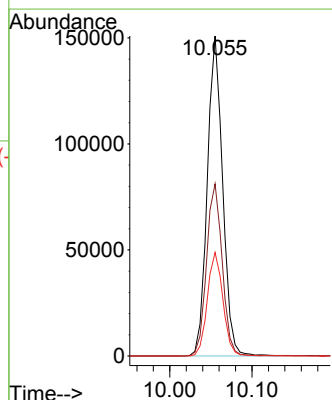
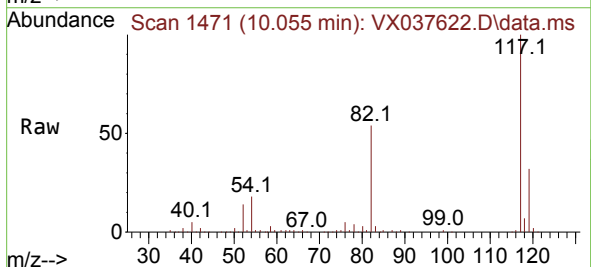
Instrument :
MSVOA_X
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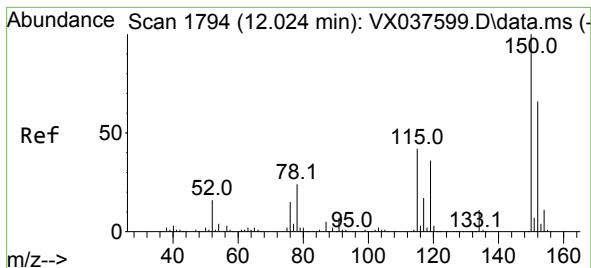
Tgt Ion: 95 Resp: 89430
Ion Ratio Lower Upper
95 100
174 77.7 0.0 135.6
176 73.4 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX037622.D
Acq: 09 Sep 2023 12:58

Tgt Ion: 117 Resp: 196090
Ion Ratio Lower Upper
117 100
82 53.8 46.2 69.4
119 32.3 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

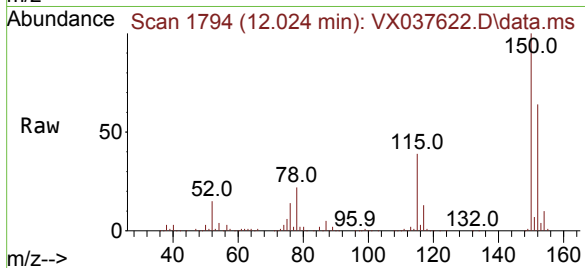
Lab File: VX037622.D

Acq: 09 Sep 2023 12:58

Instrument :

MSVOA_X

ClientSampleId :



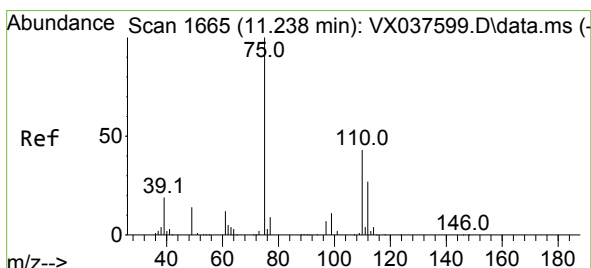
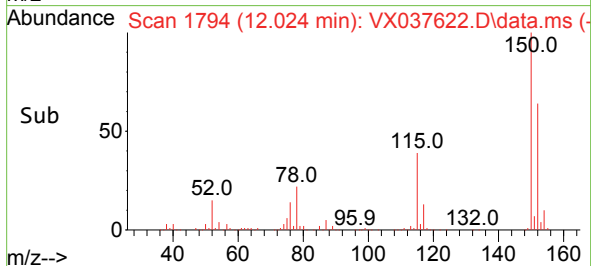
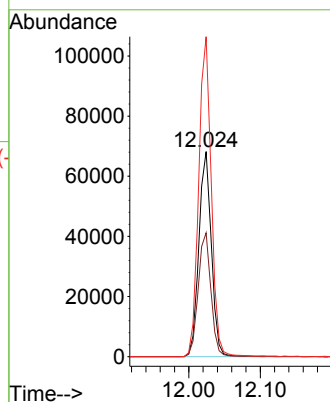
Tgt Ion:152 Resp: 82867

Ion Ratio Lower Upper

152 100

115 61.5 43.3 129.9

150 156.6 0.0 345.0



#76

1,2,3-Trichloropropane

Concen: 21.409 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX037622.D

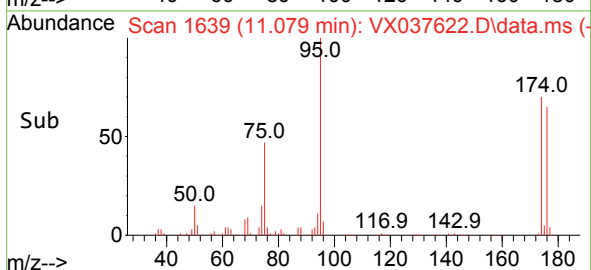
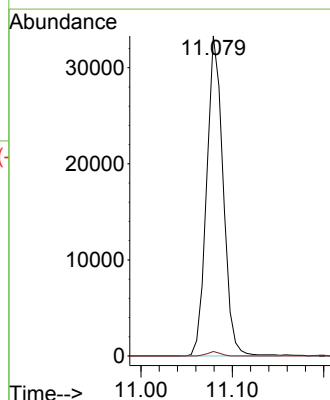
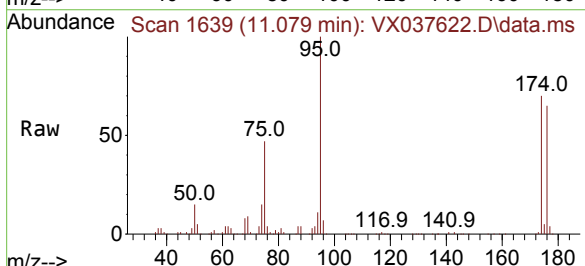
Acq: 09 Sep 2023 12:58

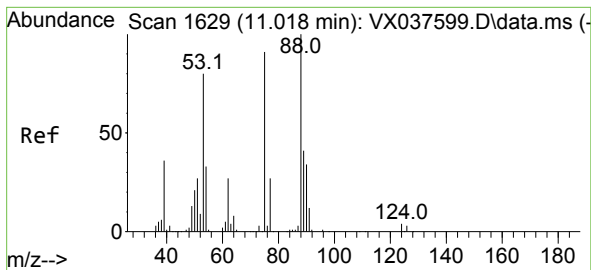
Tgt Ion: 75 Resp: 41531

Ion Ratio Lower Upper

75 100

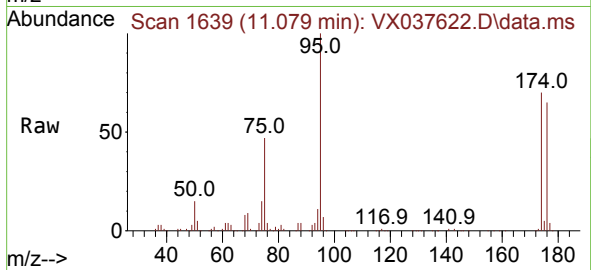
77 1.1 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 63.989 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX037622.D
 Acq: 09 Sep 2023 12:58

Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion: 75 Resp: 41531
 Ion Ratio Lower Upper
 75 100
 53 0.0 90.5 135.7#
 89 0.0 36.9 55.3#

