

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100423\
 Data File : VX038067.D
 Acq On : 04 Oct 2023 15:58
 Operator : JC/MD
 Sample : 04656-20
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Oct 05 01:03:36 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100323W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 04 09:08:35 2023
 Response via : Initial Calibration

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

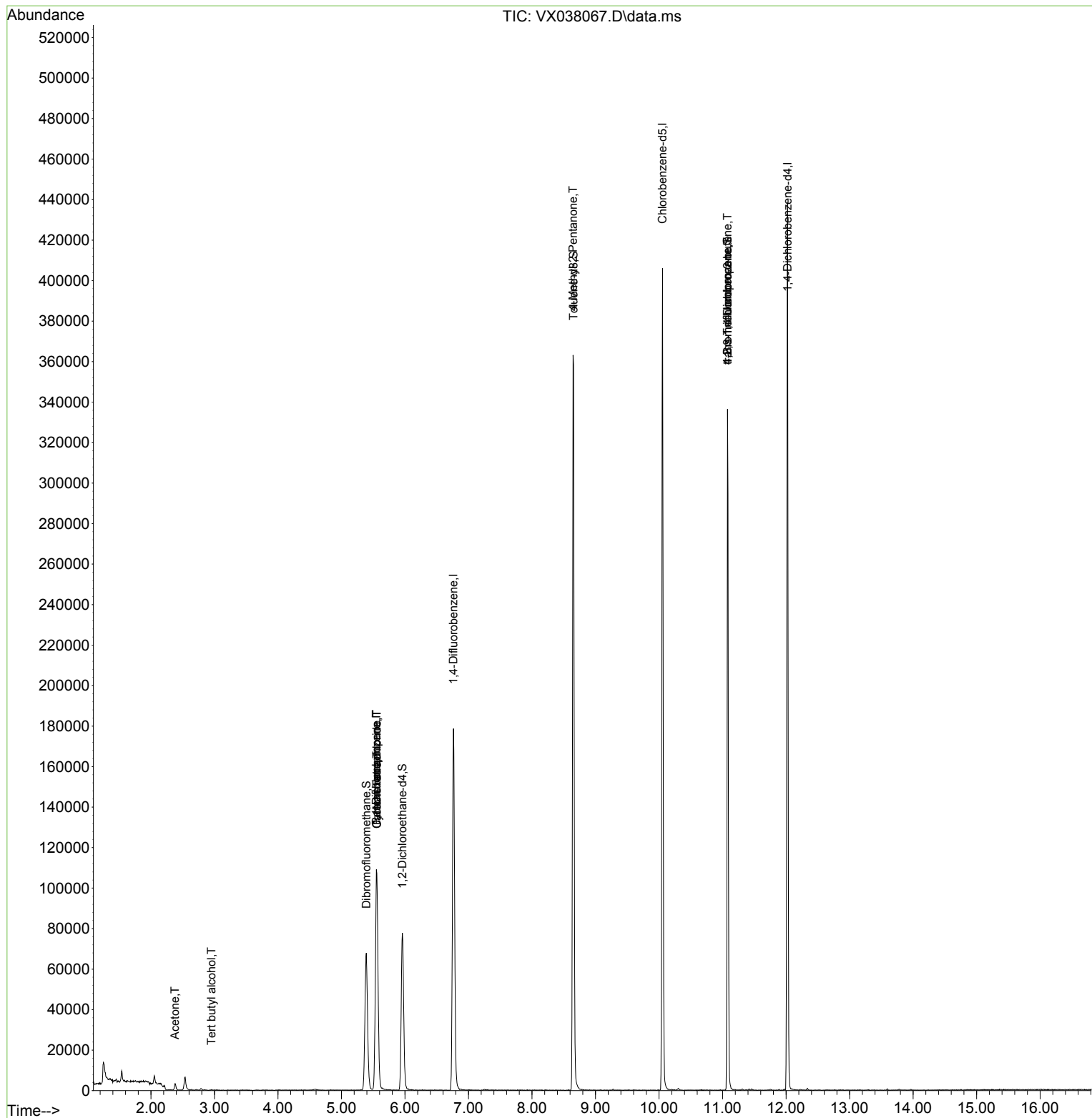
Internal Standards						
1) Pentafluorobenzene	5.550	168	101694	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	178471	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	175311	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	89072	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	75277	47.574	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	95.140%
35) Dibromofluoromethane	5.391	113	57326	46.820	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	93.640%
50) Toluene-d8	8.653	98	226414	48.320	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	96.640%
62) 4-Bromofluorobenzene	11.079	95	82031	48.103	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	96.200%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.953	59	164	0.461	ug/l #	78
16) Acetone	2.380	43	3480	5.008	ug/l	92
20) Methylene Chloride	2.782	84	365	Below Cal	#	85
31) Cyclohexane	5.556	56	2756	1.489	ug/l #	33
36) 1,1-Dichloropropene	5.550	75	8777	4.864	ug/l #	50
38) Carbon Tetrachloride	5.556	117	10815	6.159	ug/l #	14
51) 4-Methyl-2-Pentanone	8.647	43	942	0.432	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	47186	22.869	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	47186	77.233	ug/l #	5

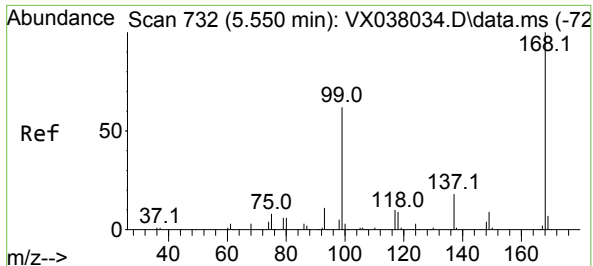
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100423\
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MSVOA_X
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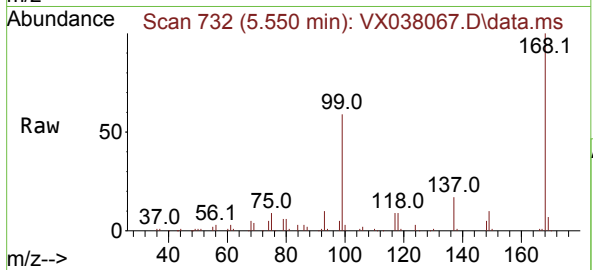
Quant Time: Oct 05 01:03:36 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100323W.M
Quant Title : SW846 8260
QLast Update : Wed Oct 04 09:08:35 2023
Response via : Initial Calibration



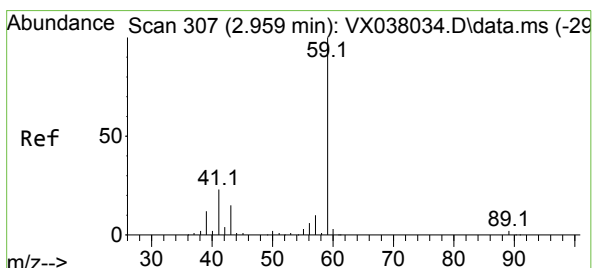
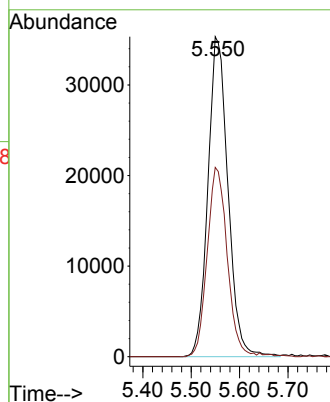
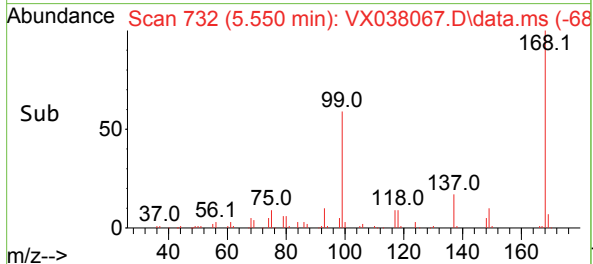


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX038067.D
Acq: 04 Oct 2023 15:58

Instrument :
MSVOA_X
ClientSampleId :

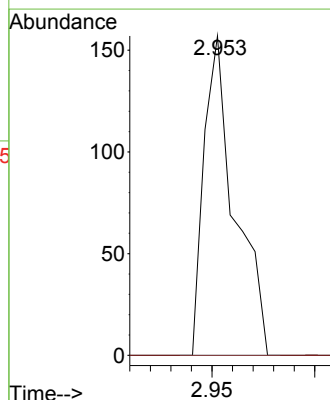
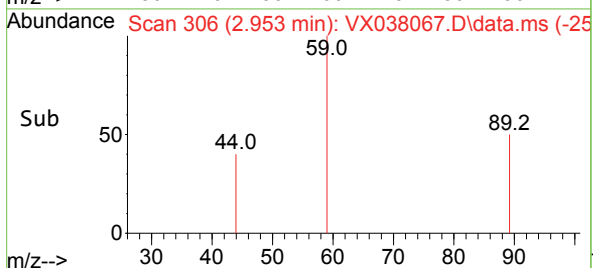
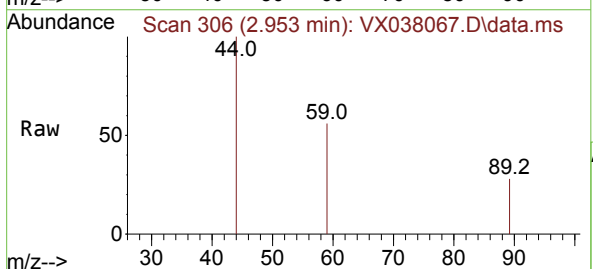


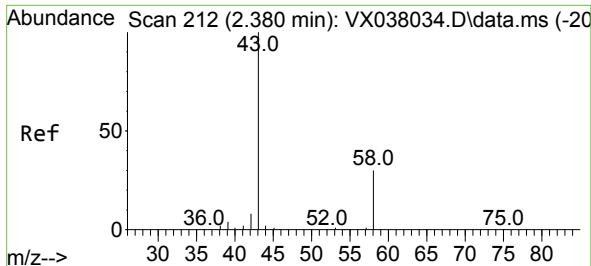
Tgt Ion:168 Resp: 101694
Ion Ratio Lower Upper
168 100
99 59.1 56.6 85.0



#11
Tert butyl alcohol
Concen: 0.461 ug/l
RT: 2.953 min Scan# 306
Delta R.T. -0.006 min
Lab File: VX038067.D
Acq: 04 Oct 2023 15:58

Tgt Ion: 59 Resp: 164
Ion Ratio Lower Upper
59 100
57 0.0 6.0 9.0#

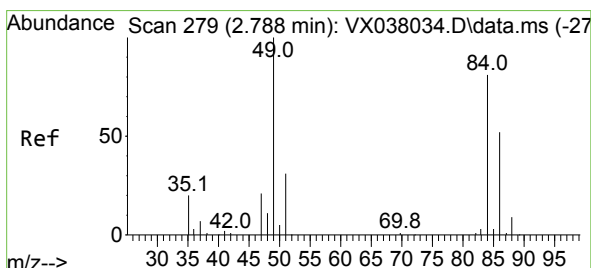
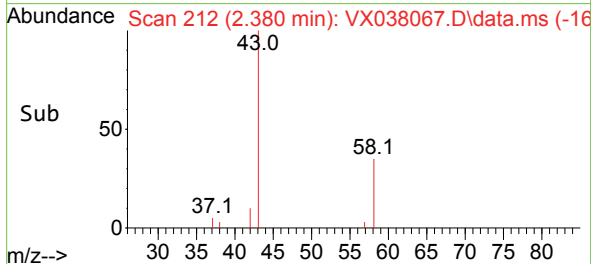
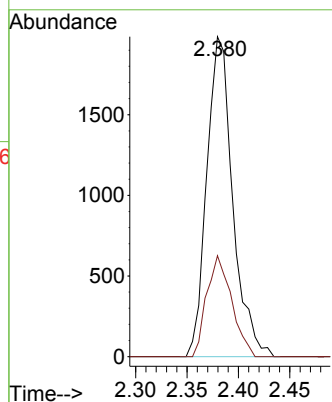
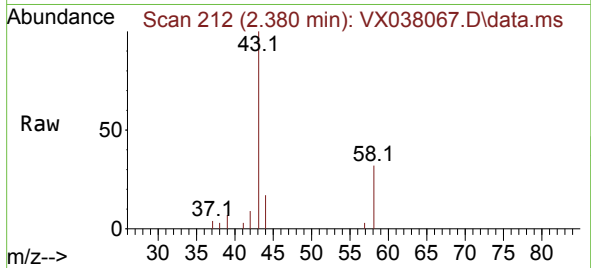




#16
Acetone
Concen: 5.008 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.000 min
Lab File: VX038067.D
Acq: 04 Oct 2023 15:58

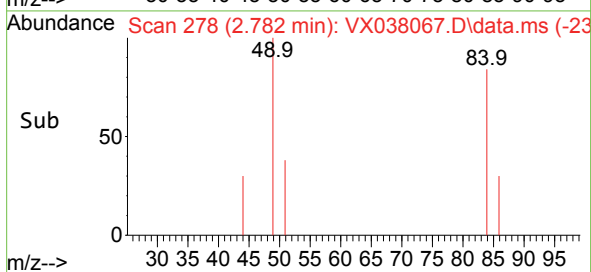
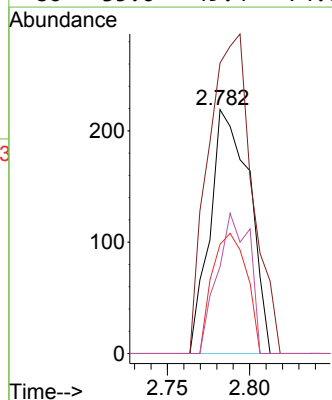
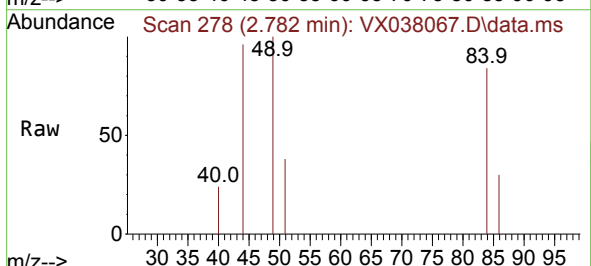
Instrument :
MSVOA_X
ClientSampleId :

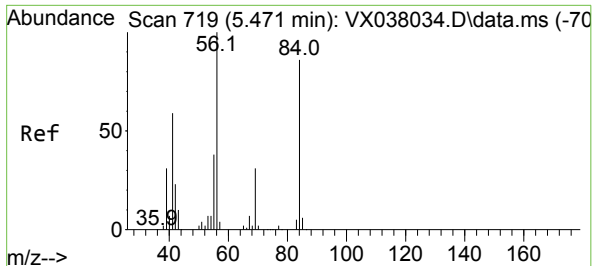
Tgt Ion: 43 Resp: 3480
Ion Ratio Lower Upper
43 100
58 31.6 21.9 32.9



#20
Methylene Chloride
Concen: Below Cal
RT: 2.782 min Scan# 278
Delta R.T. -0.006 min
Lab File: VX038067.D
Acq: 04 Oct 2023 15:58

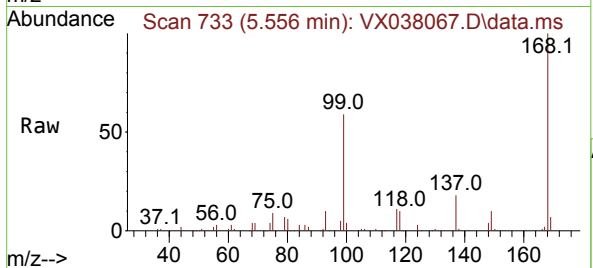
Tgt Ion: 84 Resp: 365
Ion Ratio Lower Upper
84 100
49 119.2 103.6 155.4
51 44.7 33.8 50.6
86 35.6 49.4 74.0#



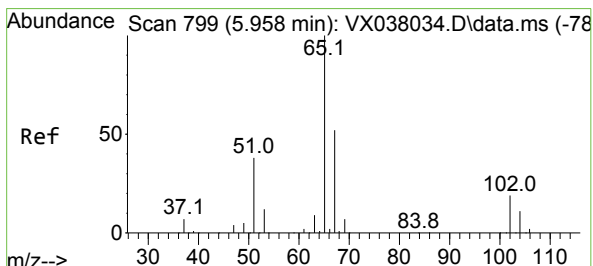
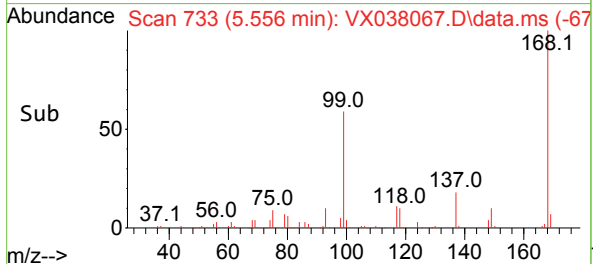
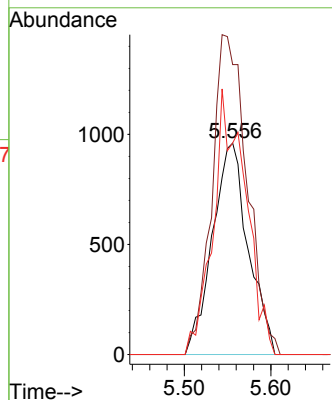


#31
Cyclohexane
Concen: 1.489 ug/l
RT: 5.556 min Scan# 719
Delta R.T. 0.085 min
Lab File: VX038067.D
Acq: 04 Oct 2023 15:58

Instrument :
MSVOA_X
ClientSampleId :

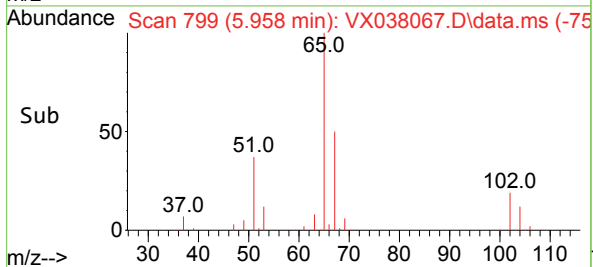
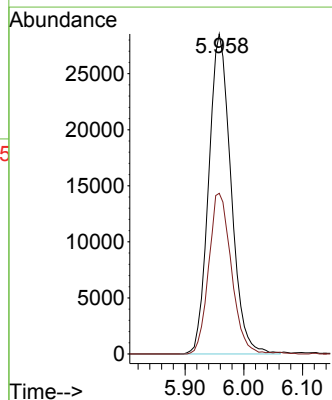
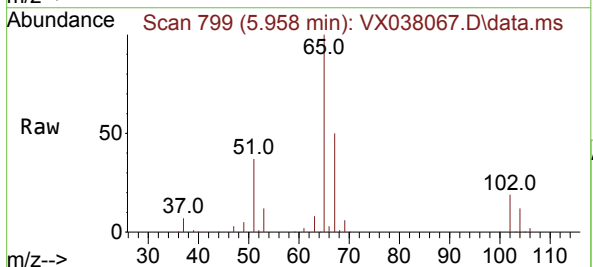


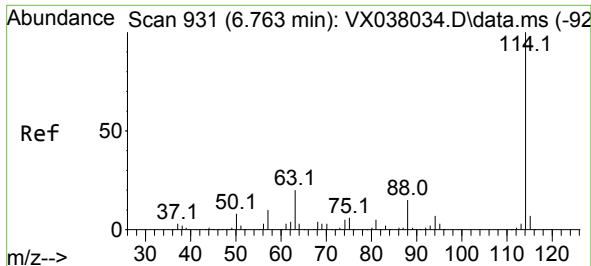
Tgt Ion: 56 Resp: 2756
Ion Ratio Lower Upper
56 100
69 137.2 23.4 35.2#
84 100.1 65.9 98.9#



#33
1,2-Dichloroethane-d4
Concen: 47.574 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX038067.D
Acq: 04 Oct 2023 15:58

Tgt Ion: 65 Resp: 75277
Ion Ratio Lower Upper
65 100
67 51.0 0.0 100.2

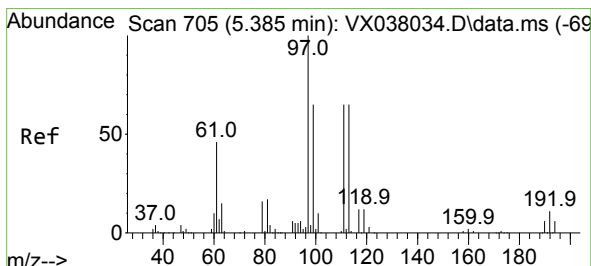
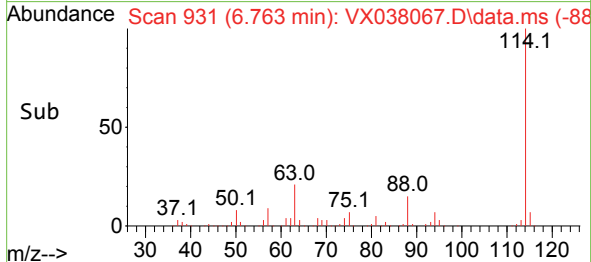
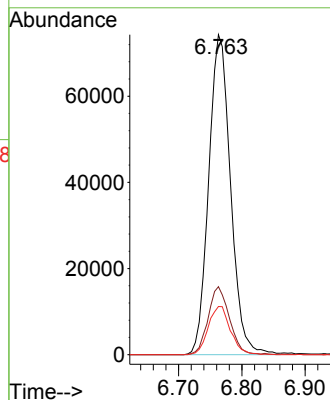
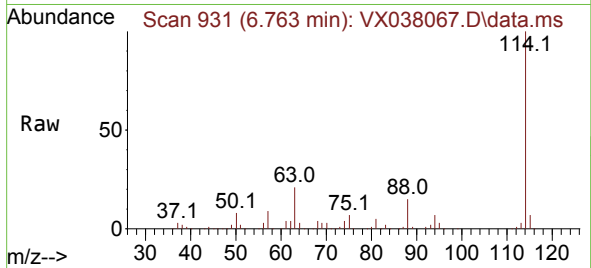




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX038067.D
Acq: 04 Oct 2023 15:58

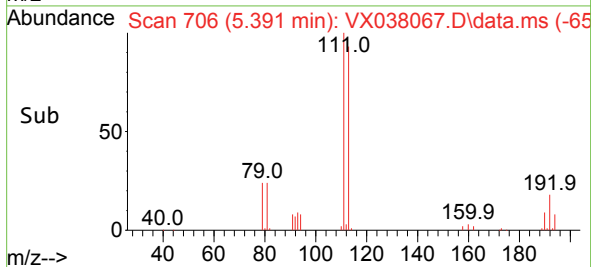
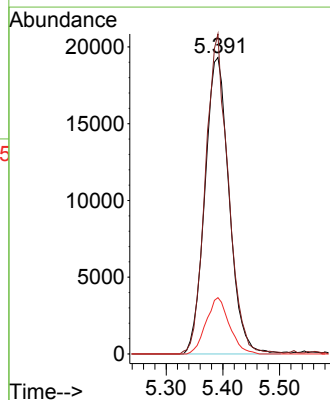
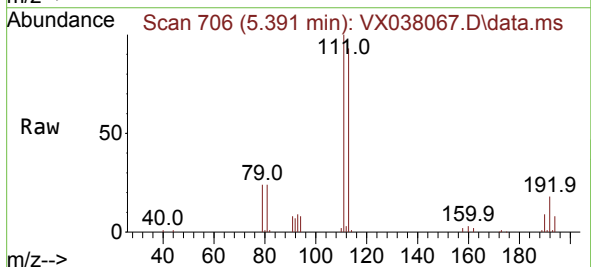
Instrument :
MSVOA_X
ClientSampleId :

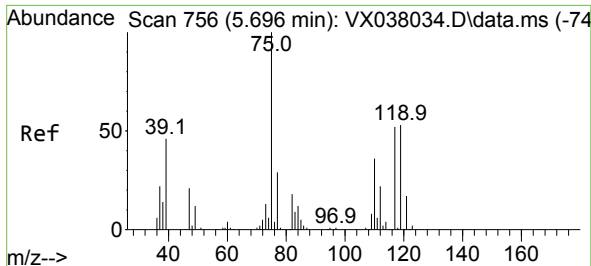
Tgt Ion:114 Resp: 178471
Ion Ratio Lower Upper
114 100
63 21.3 0.0 45.0
88 15.0 0.0 36.6



#35
Dibromofluoromethane
Concen: 46.820 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX038067.D
Acq: 04 Oct 2023 15:58

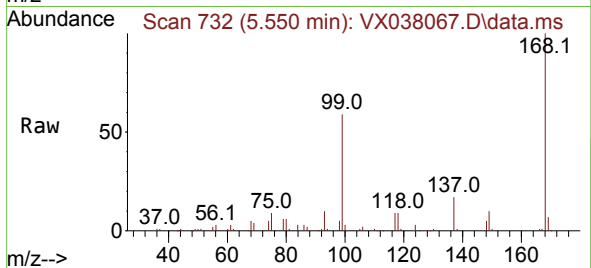
Tgt Ion:113 Resp: 57326
Ion Ratio Lower Upper
113 100
111 102.0 82.9 124.3
192 18.2 13.3 19.9



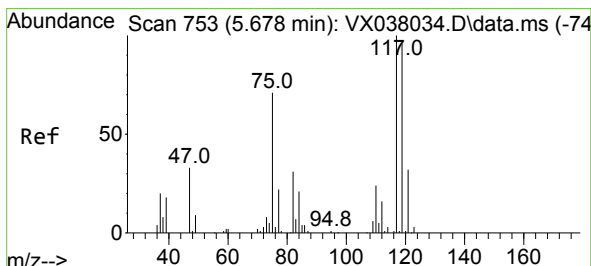
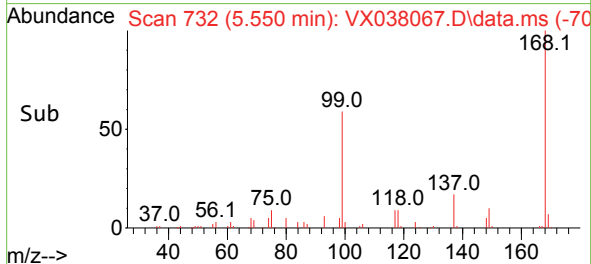
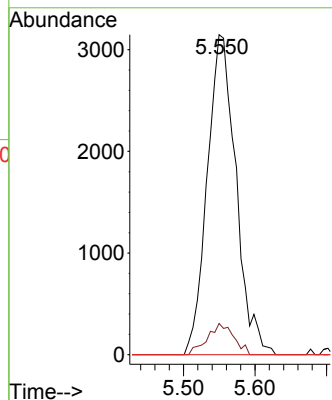


#36
1,1-Dichloropropene
Concen: 4.864 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.146 min
Lab File: VX038067.D
Acq: 04 Oct 2023 15:58

Instrument :
MSVOA_X
ClientSampleId :

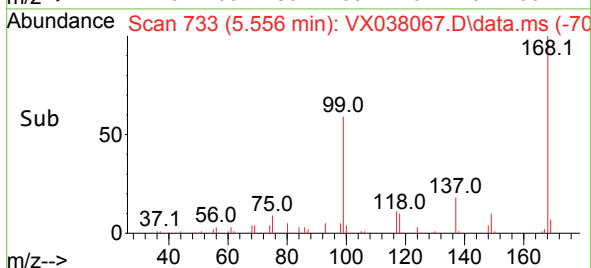
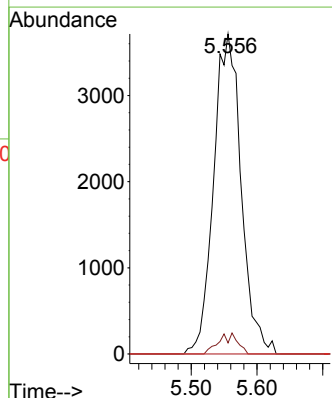
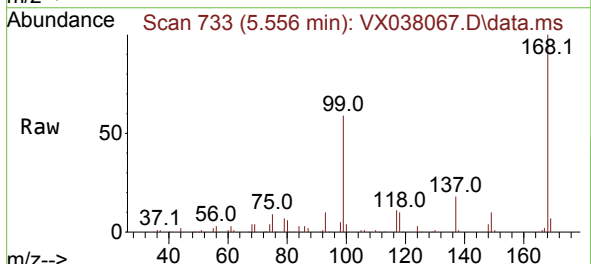


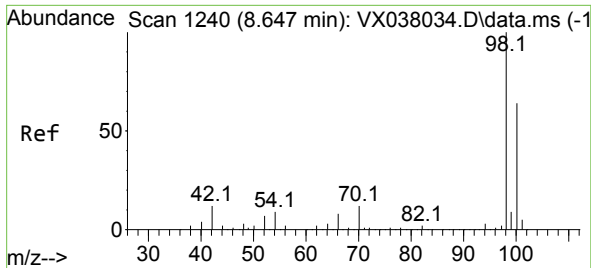
Tgt Ion: 75 Resp: 8777
Ion Ratio Lower Upper
75 100
110 9.0 17.0 50.9#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 6.159 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.122 min
Lab File: VX038067.D
Acq: 04 Oct 2023 15:58

Tgt Ion: 117 Resp: 10815
Ion Ratio Lower Upper
117 100
119 3.5 78.2 117.2#
121 0.0 24.4 36.6#

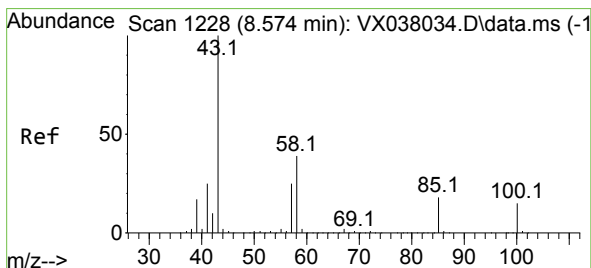
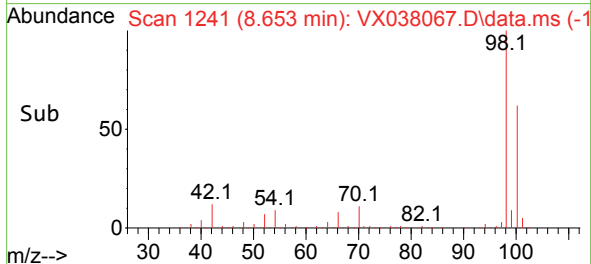
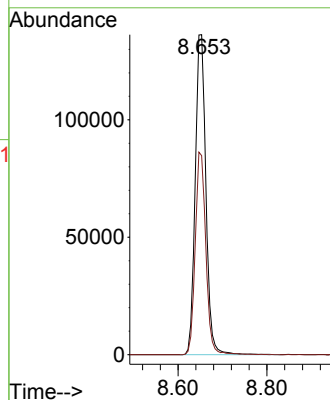
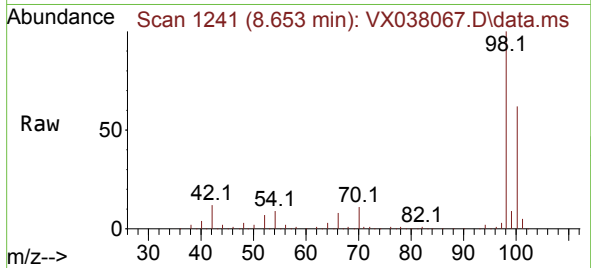




#50
Toluene-d8
Concen: 48.320 ug/l
RT: 8.653 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX038067.D
Acq: 04 Oct 2023 15:58

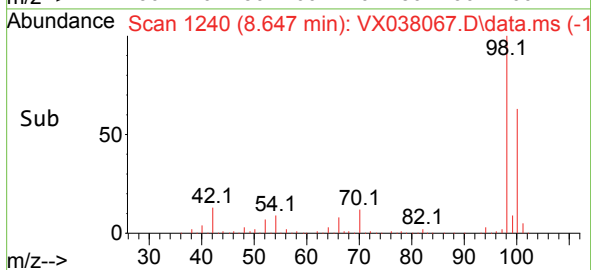
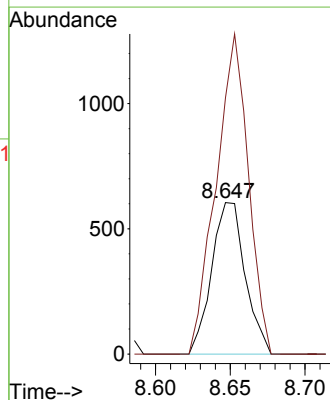
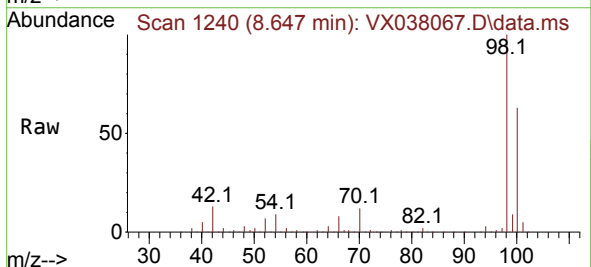
Instrument :
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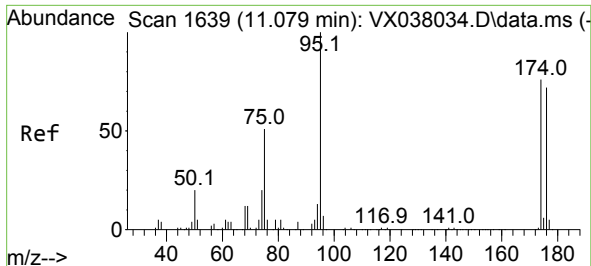
Tgt Ion: 98 Resp: 226414
Ion Ratio Lower Upper
98 100
100 62.8 53.1 79.7



#51
4-Methyl-2-Pentanone
Concen: 0.432 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.073 min
Lab File: VX038067.D
Acq: 04 Oct 2023 15:58

Tgt Ion: 43 Resp: 942
Ion Ratio Lower Upper
43 100
58 203.8 30.4 45.6#





#62

4-Bromofluorobenzene

Concen: 48.103 ug/l

RT: 11.079 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX038067.D

Acq: 04 Oct 2023 15:58

Instrument :

MSVOA_X

ClientSampleId :

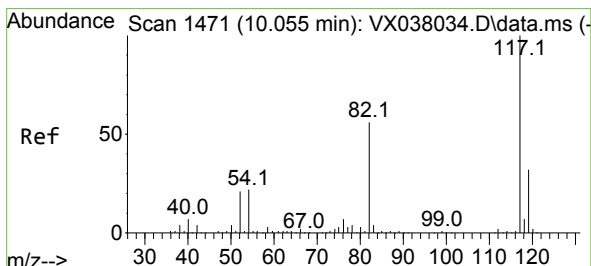
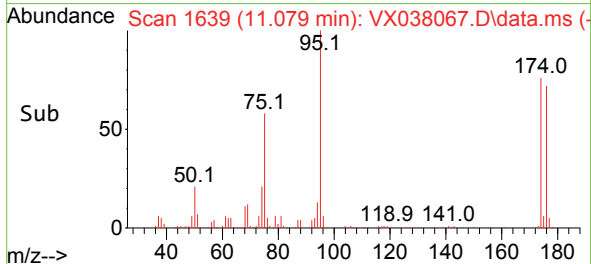
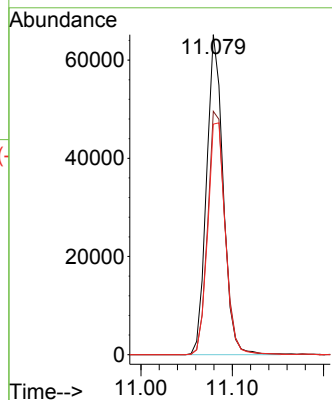
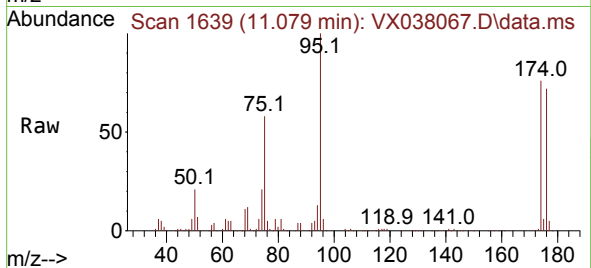
Tgt Ion: 95 Resp: 82031

Ion Ratio Lower Upper

95 100

174 79.9 0.0 135.6

176 76.9 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: VX038067.D

Acq: 04 Oct 2023 15:58

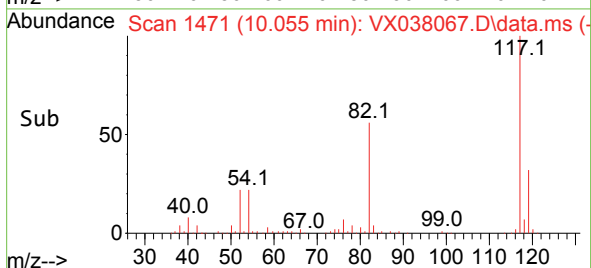
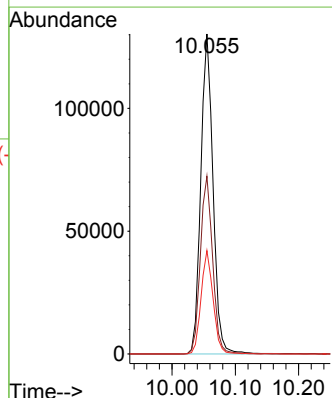
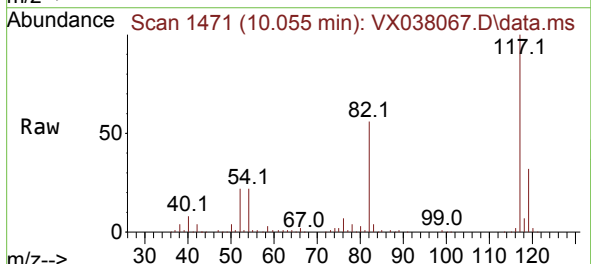
Tgt Ion: 117 Resp: 175311

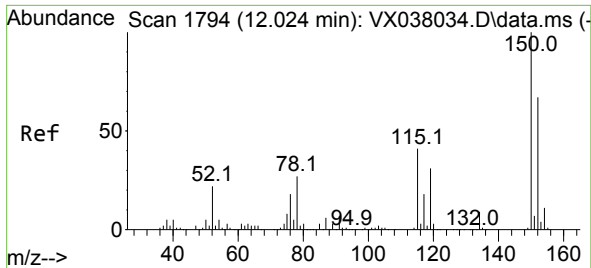
Ion Ratio Lower Upper

117 100

82 55.5 46.2 69.4

119 32.3 25.5 38.3

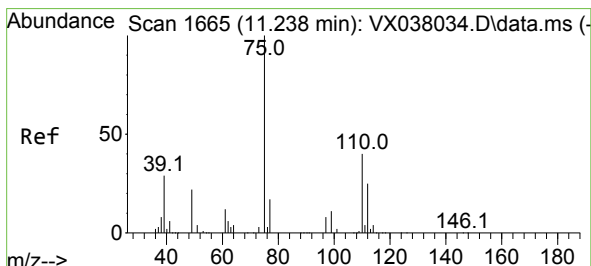
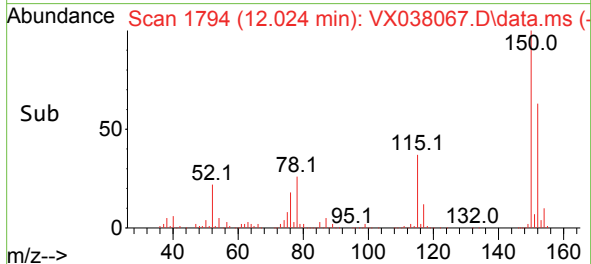
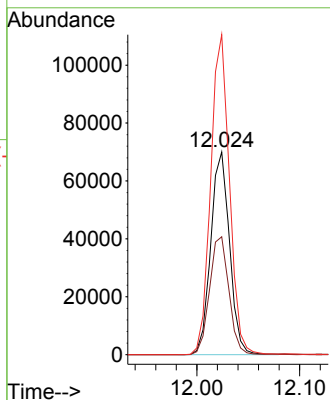
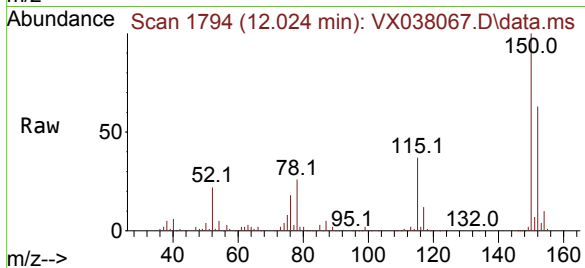




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX038067.D
 Acq: 04 Oct 2023 15:58

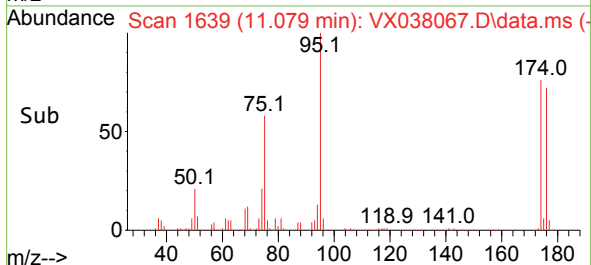
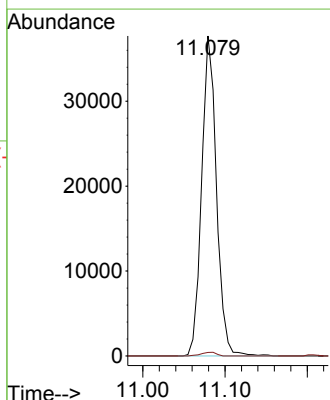
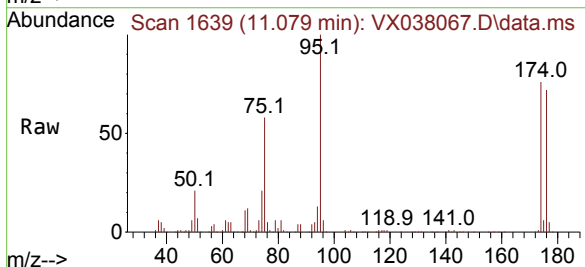
Instrument :
 MSVOA_X
 ClientSampleId :

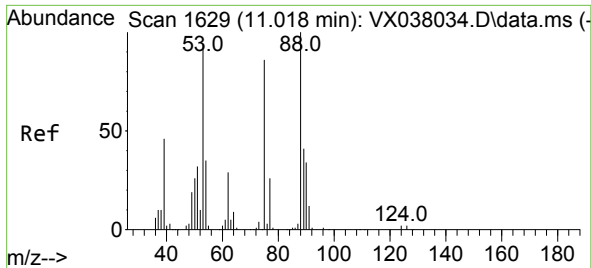
Tgt Ion:152 Resp: 89072
 Ion Ratio Lower Upper
 152 100
 115 60.0 43.3 129.9
 150 157.5 0.0 345.0



#76
 1,2,3-Trichloropropane
 Concen: 22.869 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.159 min
 Lab File: VX038067.D
 Acq: 04 Oct 2023 15:58

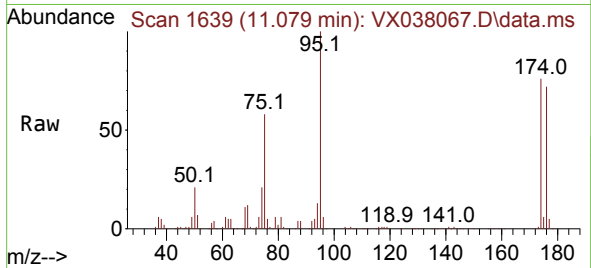
Tgt Ion: 75 Resp: 47186
 Ion Ratio Lower Upper
 75 100
 77 1.2 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 77.233 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX038067.D
 Acq: 04 Oct 2023 15:58

Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion: 75 Resp: 47186
 Ion Ratio Lower Upper
 75 100
 53 0.0 90.5 135.7#
 89 0.0 36.9 55.3#

