

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111023\
 Data File : VX038757.D
 Acq On : 11 Nov 2023 04:23
 Operator : JC/MD
 Sample : 05350-08
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TT14911-20231107

Quant Time: Nov 11 05:08:56 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X110723W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 08 03:19:07 2023
 Response via : Initial Calibration

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

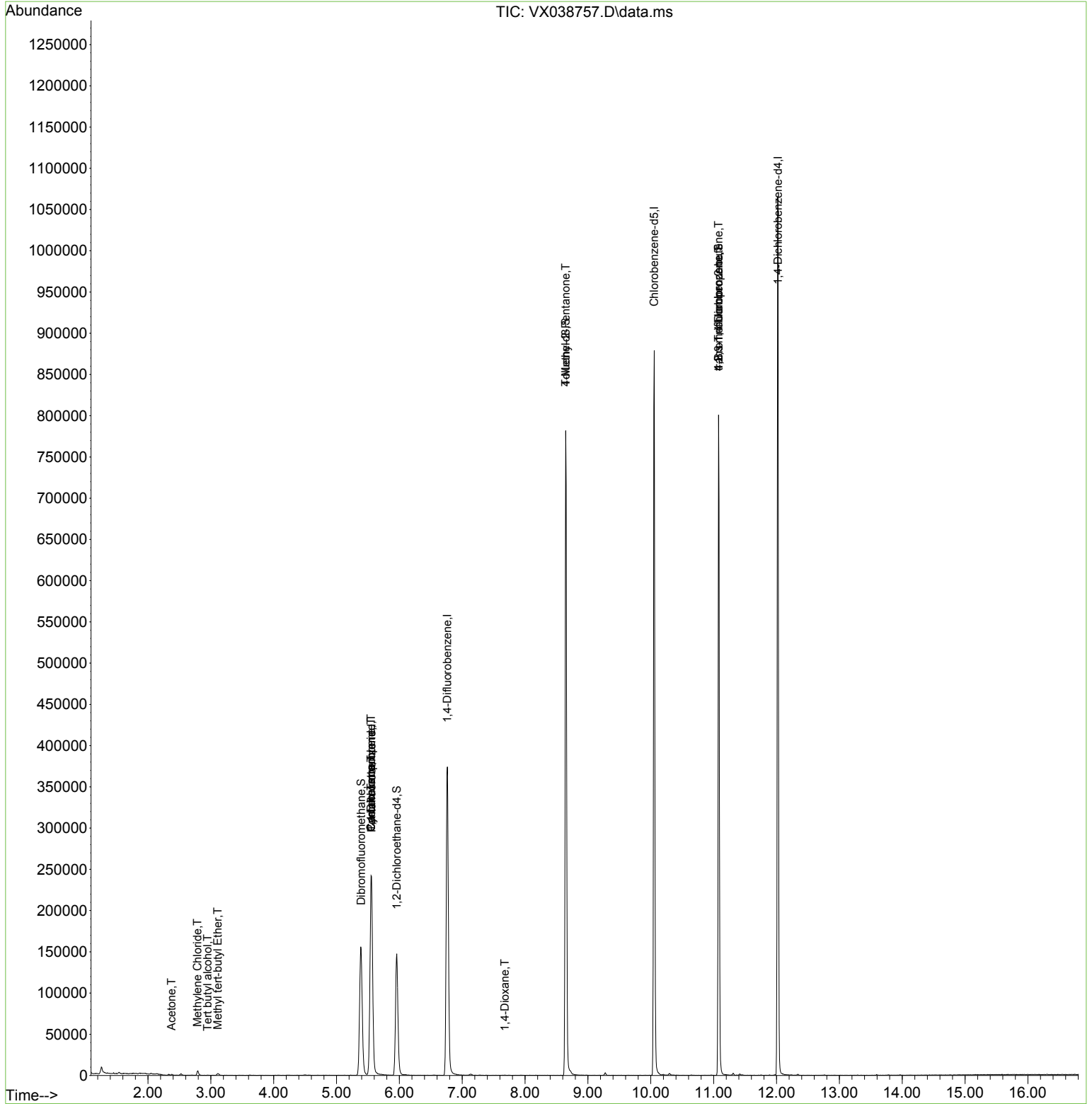
Internal Standards						
1) Pentafluorobenzene	5.556	168	254123	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	423675	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	447062	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	259087	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	147487	46.618	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	93.240%
35) Dibromofluoromethane	5.391	113	139585	45.744	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	91.480%
50) Toluene-d8	8.647	98	504942	46.243	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	92.480%
62) 4-Bromofluorobenzene	11.079	95	217218	51.309	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	102.620%
Target Compounds						
						Qvalue
11) Tert butyl alcohol	2.947	59	189	0.292	ug/l	# 78
16) Acetone	2.373	43	1238	0.929	ug/l	94
19) Methyl tert-butyl Ether	3.111	73	2517	0.332	ug/l	# 89
20) Methylene Chloride	2.788	84	2823	1.051	ug/l	# 75
31) Cyclohexane	5.550	56	4126	1.178	ug/l	# 5
36) 1,1-Dichloropropene	5.550	75	16505	4.354	ug/l	# 51
38) Carbon Tetrachloride	5.550	117	24354	5.747	ug/l	# 15
49) 1,4-Dioxane	7.677	88	43	0.659	ug/l	# 12
51) 4-Methyl-2-Pentanone	8.647	43	1688	0.435	ug/l	# 1
76) 1,2,3-Trichloropropane	11.079	75	104104	20.288	ug/l	# 39
81) trans-1,4-Dichloro-2-b...	11.079	75	104104	61.909	ug/l	# 5

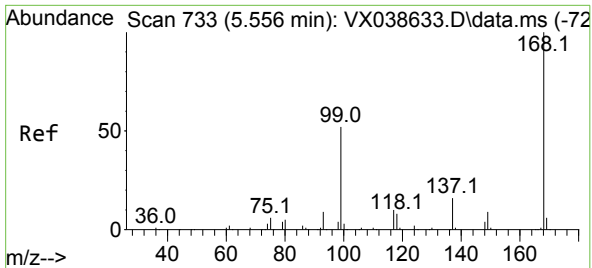
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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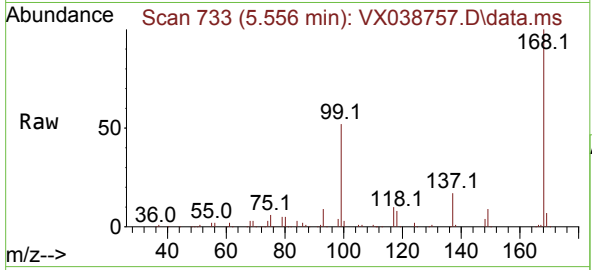
Quant Time: Nov 11 05:08:56 2023
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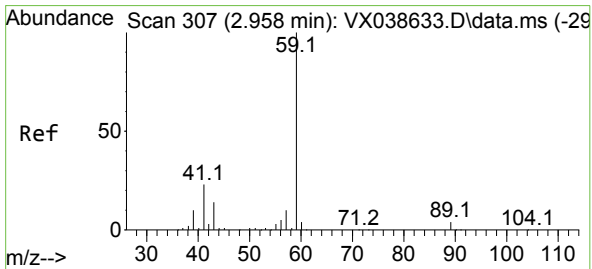
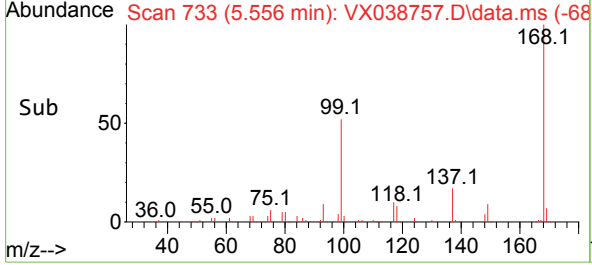
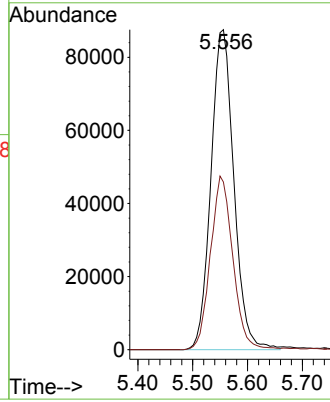


#1
 Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 5.556 min Scan# 71
 Delta R.T. -0.000 min
 Lab File: VX038757.D
 Acq: 11 Nov 2023 04:23

Instrument : MSVOA_X
 ClientSampleId : TT14911-20231107

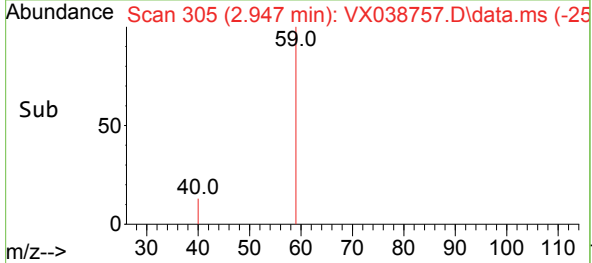
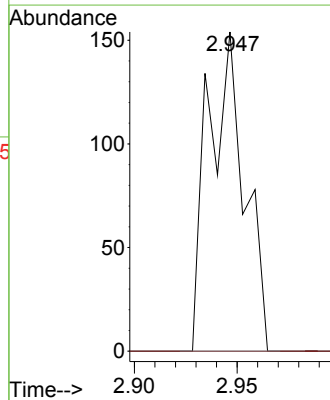
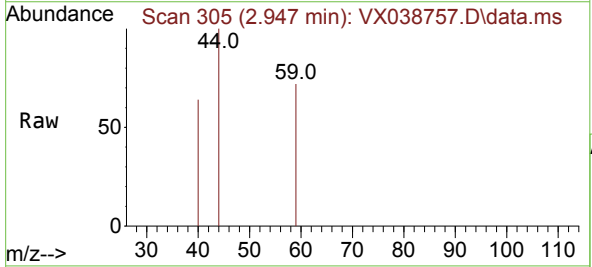


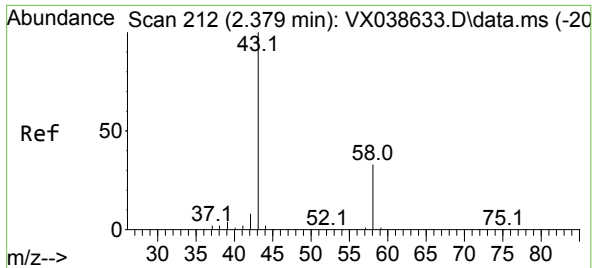
Tgt Ion:168 Resp: 254123
 Ion Ratio Lower Upper
 168 100
 99 52.4 56.6 85.0#



#11
 Tert butyl alcohol
 Concen: 0.292 ug/l
 RT: 2.947 min Scan# 305
 Delta R.T. -0.012 min
 Lab File: VX038757.D
 Acq: 11 Nov 2023 04:23

Tgt Ion: 59 Resp: 189
 Ion Ratio Lower Upper
 59 100
 57 0.0 6.0 9.0#

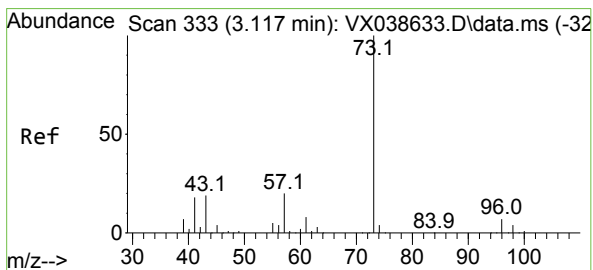
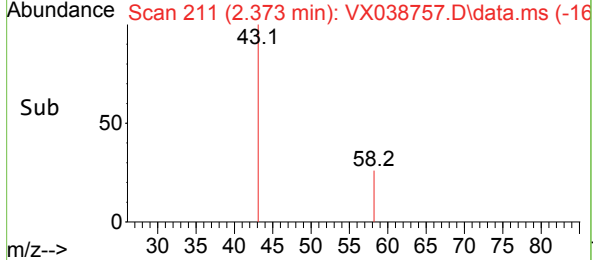
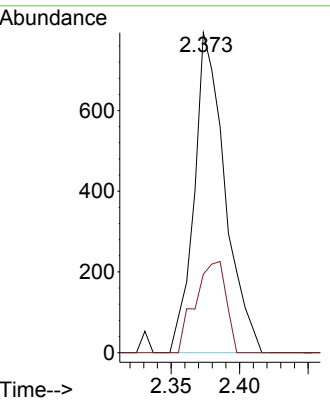
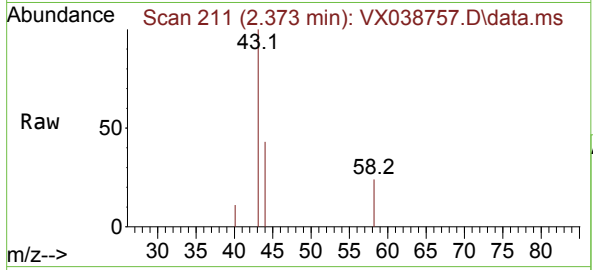




#16
 Acetone
 Concen: 0.929 ug/l
 RT: 2.373 min Scan# 211
 Delta R.T. -0.006 min
 Lab File: VX038757.D
 Acq: 11 Nov 2023 04:23

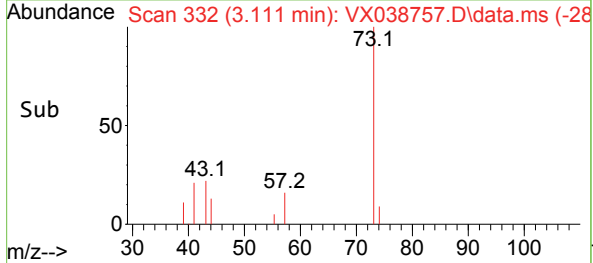
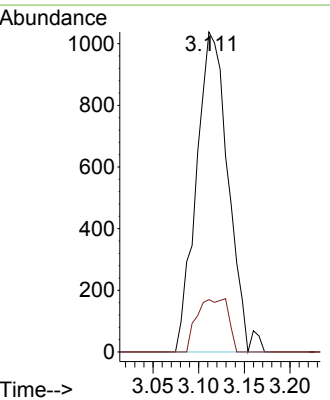
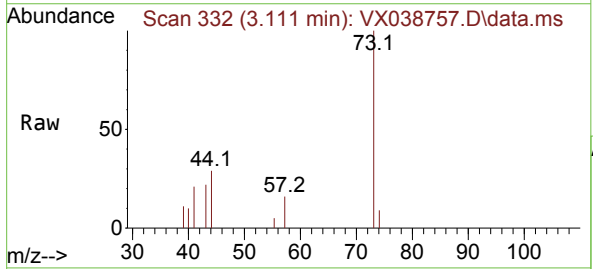
Instrument : MSVOA_X
 ClientSampleId : TT14911-20231107

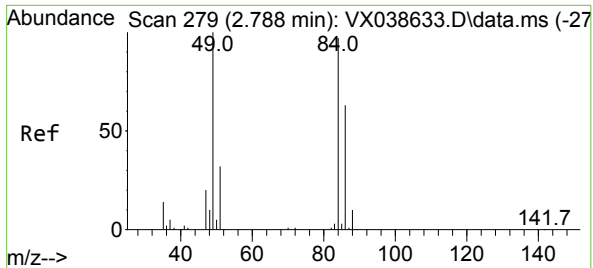
Tgt Ion: 43 Resp: 1238
 Ion Ratio Lower Upper
 43 100
 58 24.5 21.9 32.9



#19
 Methyl tert-butyl Ether
 Concen: 0.332 ug/l
 RT: 3.111 min Scan# 332
 Delta R.T. -0.006 min
 Lab File: VX038757.D
 Acq: 11 Nov 2023 04:23

Tgt Ion: 73 Resp: 2517
 Ion Ratio Lower Upper
 73 100
 57 16.4 17.3 25.9#



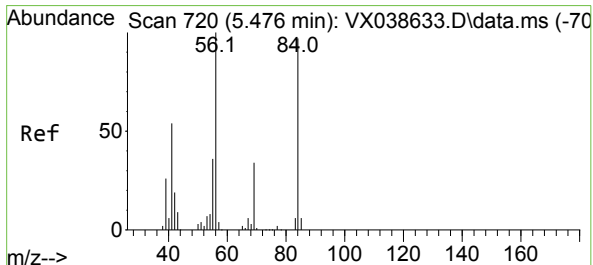
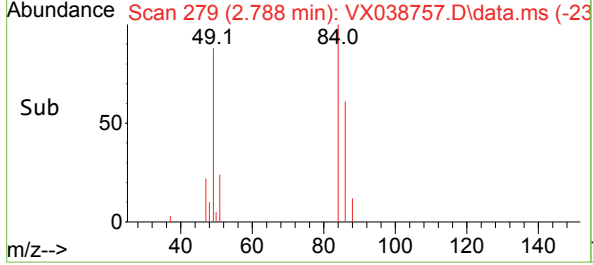
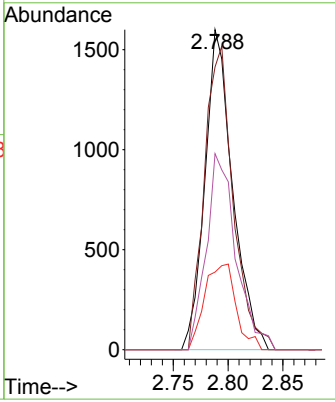
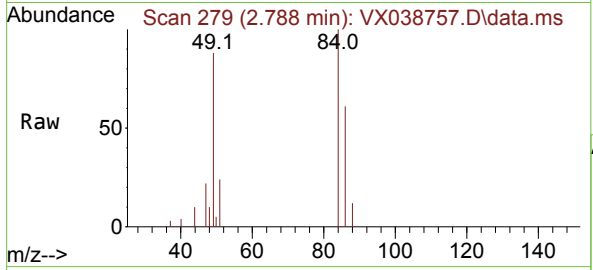


#20
 Methylene Chloride
 Concen: 1.051 ug/l
 RT: 2.788 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VX038757.D
 Acq: 11 Nov 2023 04:23

Instrument : MSVOA_X
 ClientSampleId : TT14911-20231107

Tgt Ion: 84 Resp: 2823

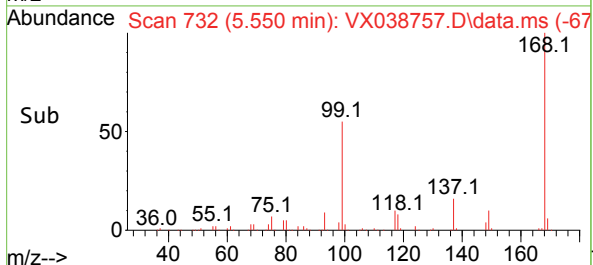
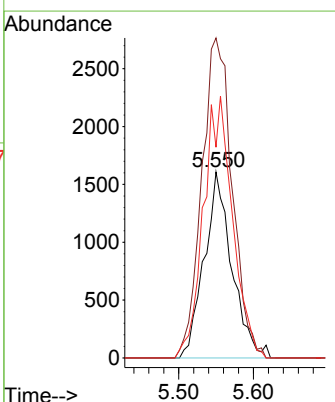
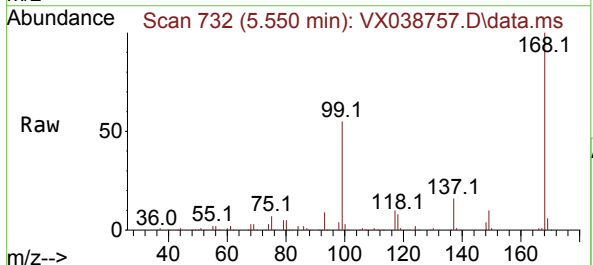
Ion	Ratio	Lower	Upper
84	100		
49	88.4	103.6	155.4#
51	24.3	33.8	50.6#
86	61.3	49.4	74.0

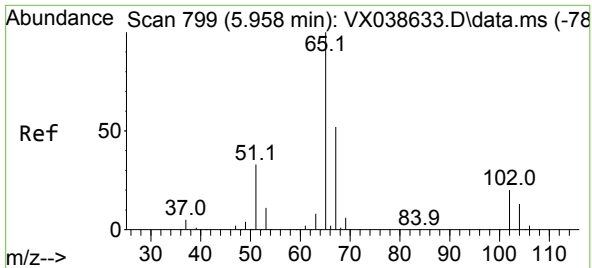


#31
 Cyclohexane
 Concen: 1.178 ug/l
 RT: 5.550 min Scan# 732
 Delta R.T. 0.074 min
 Lab File: VX038757.D
 Acq: 11 Nov 2023 04:23

Tgt Ion: 56 Resp: 4126

Ion	Ratio	Lower	Upper
56	100		
69	172.1	23.4	35.2#
84	113.4	65.9	98.9#

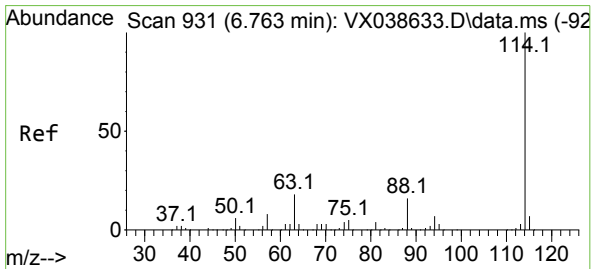
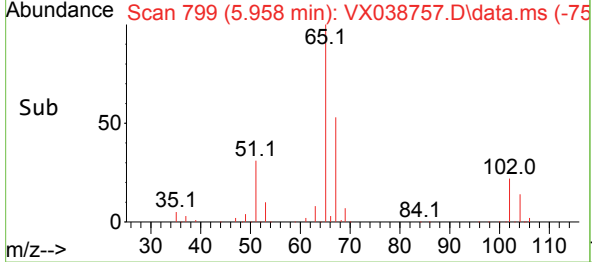
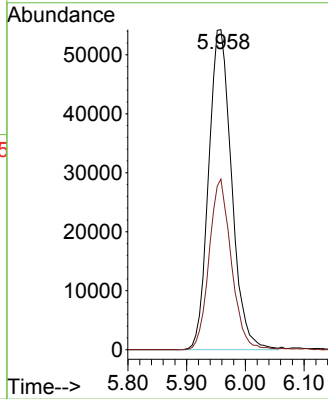
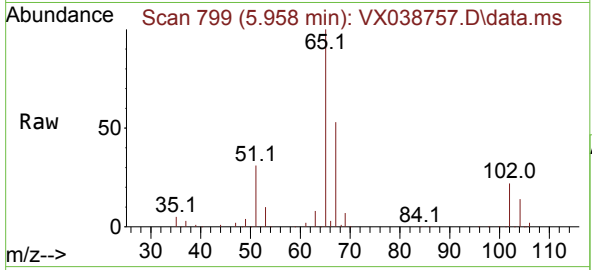




#33
 1,2-Dichloroethane-d4
 Concen: 46.618 ug/l
 RT: 5.958 min Scan# 799
 Delta R.T. 0.000 min
 Lab File: VX038757.D
 Acq: 11 Nov 2023 04:23

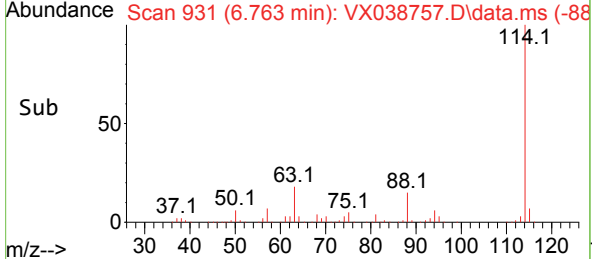
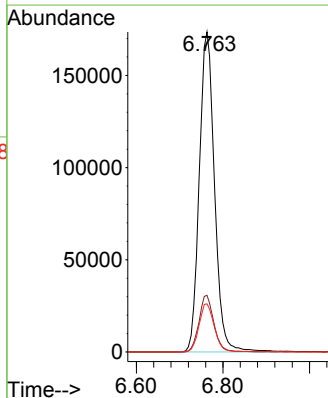
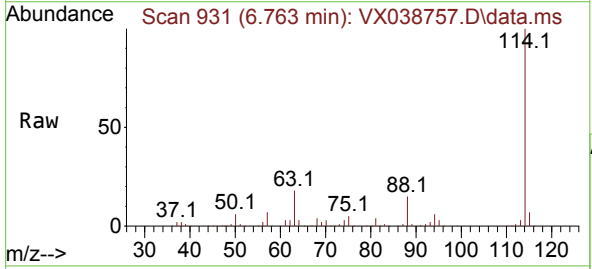
Instrument : MSVOA_X
 ClientSampleId : TT14911-20231107

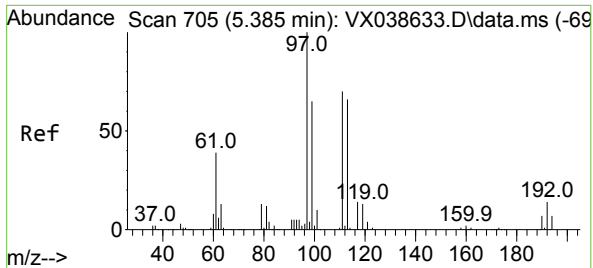
Tgt Ion: 65 Resp: 147487
 Ion Ratio Lower Upper
 65 100
 67 51.3 0.0 100.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. 0.000 min
 Lab File: VX038757.D
 Acq: 11 Nov 2023 04:23

Tgt Ion: 114 Resp: 423675
 Ion Ratio Lower Upper
 114 100
 63 17.7 0.0 45.0
 88 15.1 0.0 36.6

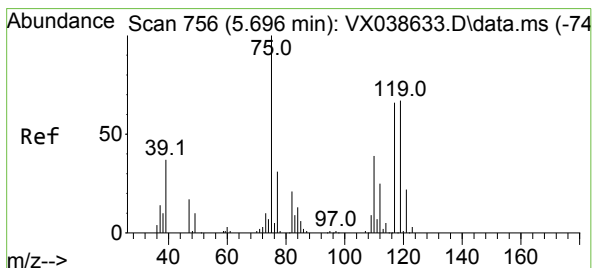
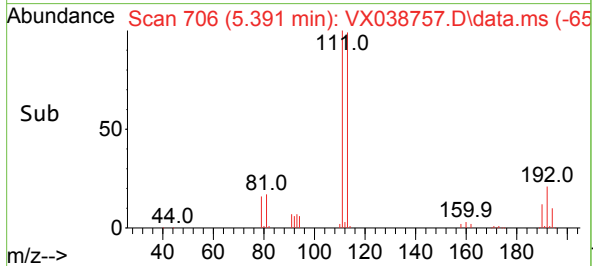
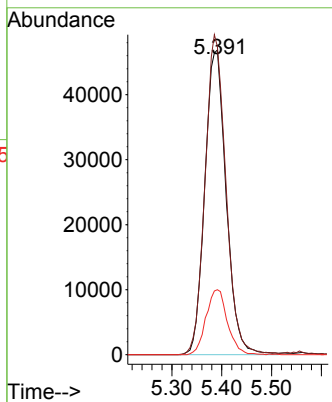
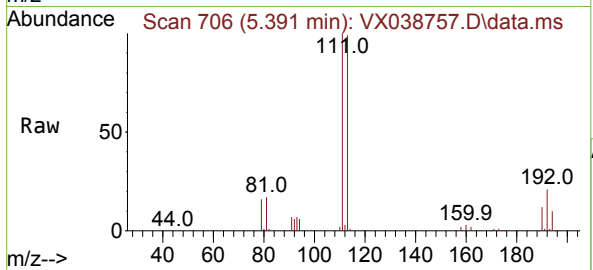




#35
 Dibromofluoromethane
 Concen: 45.744 ug/l
 RT: 5.391 min Scan# 706
 Delta R.T. 0.006 min
 Lab File: VX038757.D
 Acq: 11 Nov 2023 04:23

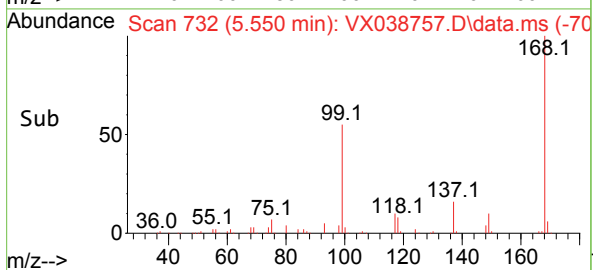
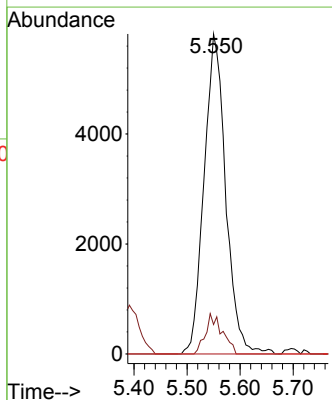
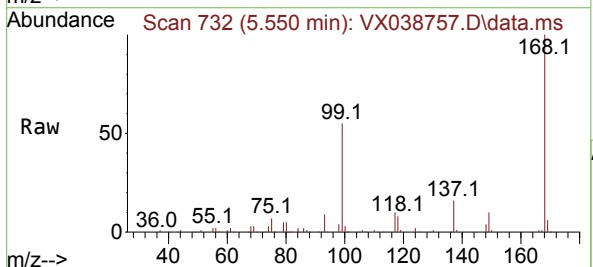
Instrument : MSVOA_X
 ClientSampleId : TT14911-20231107

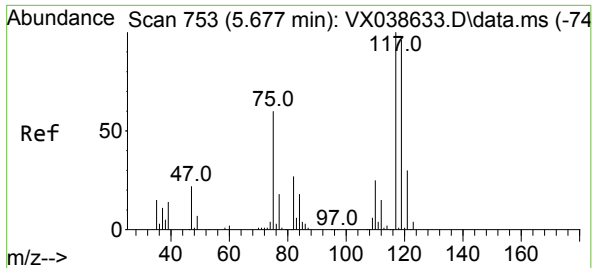
Tgt Ion	Resp	Lower	Upper
113	139585		
113	100		
111	102.7	82.9	124.3
192	21.3	13.3	19.9#



#36
 1,1-Dichloropropene
 Concen: 4.354 ug/l
 RT: 5.550 min Scan# 732
 Delta R.T. -0.146 min
 Lab File: VX038757.D
 Acq: 11 Nov 2023 04:23

Tgt Ion	Resp	Lower	Upper
75	16505		
75	100		
110	9.7	17.0	50.9#
77	0.0	24.7	37.1#

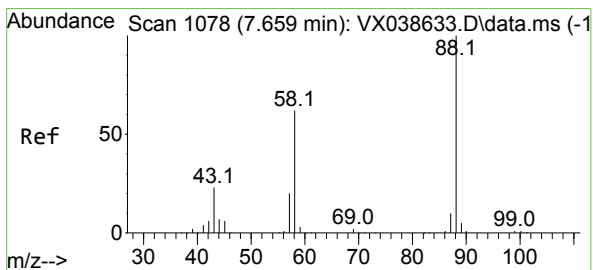
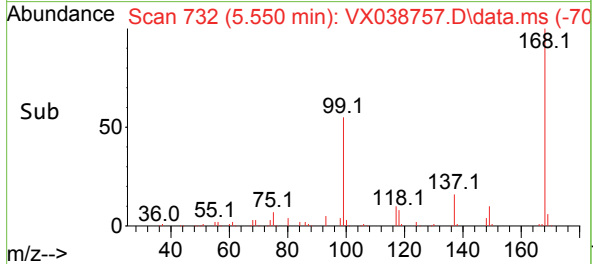
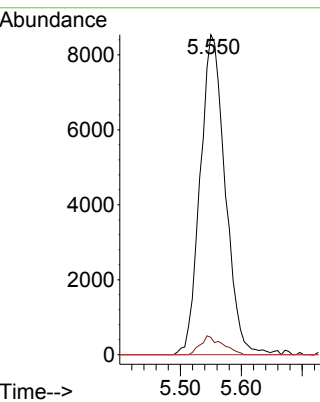
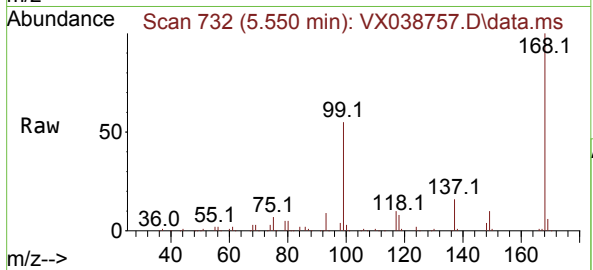




#38
 Carbon Tetrachloride
 Concen: 5.747 ug/l
 RT: 5.550 min Scan# 711
 Delta R.T. -0.128 min
 Lab File: VX038757.D
 Acq: 11 Nov 2023 04:23

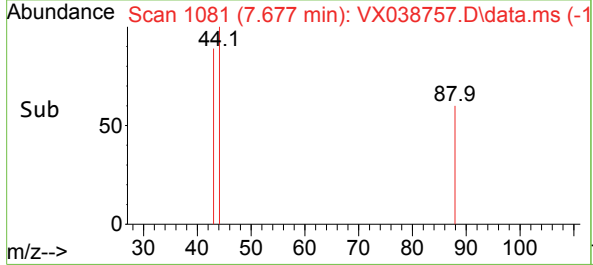
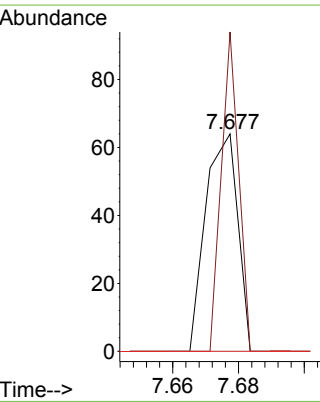
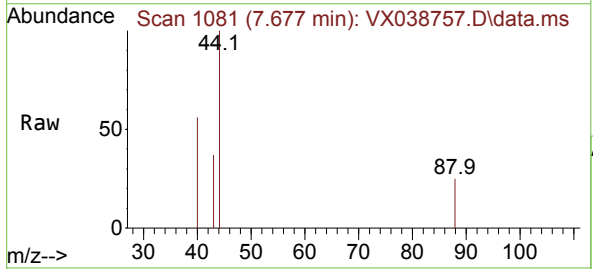
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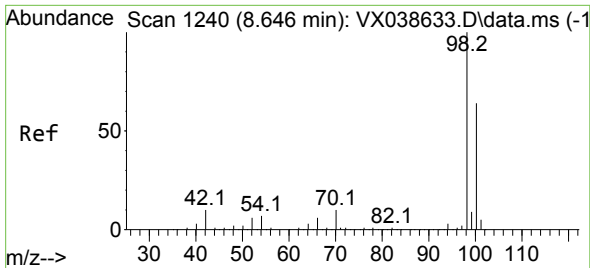
Tgt Ion	Resp	Lower	Upper
117	100		
119	5.4	78.2	117.2#
121	0.0	24.4	36.6#



#49
 1,4-Dioxane
 Concen: 0.659 ug/l
 RT: 7.677 min Scan# 1081
 Delta R.T. 0.019 min
 Lab File: VX038757.D
 Acq: 11 Nov 2023 04:23

Tgt Ion	Resp	Lower	Upper
88	100		
43	79.1	0.0	0.0#
58	0.0	60.1	90.1#

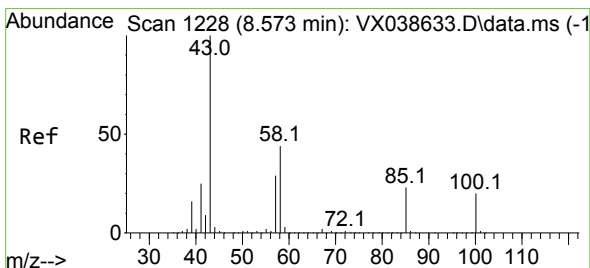
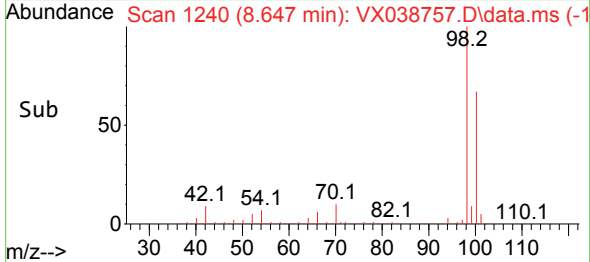
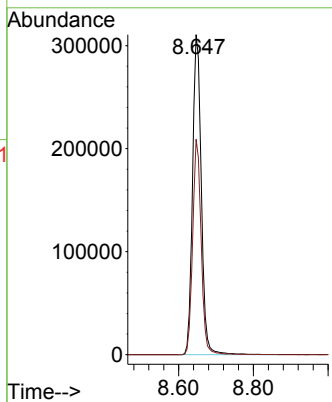
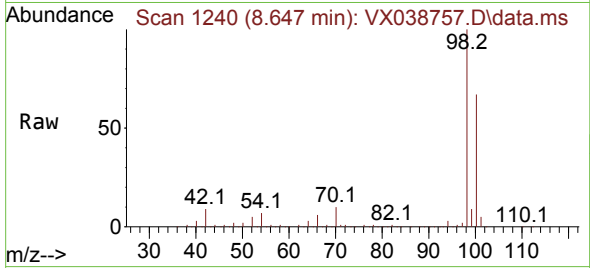




#50
 Toluene-d8
 Concen: 46.243 ug/l
 RT: 8.647 min Scan# 1240
 Delta R.T. 0.000 min
 Lab File: VX038757.D
 Acq: 11 Nov 2023 04:23

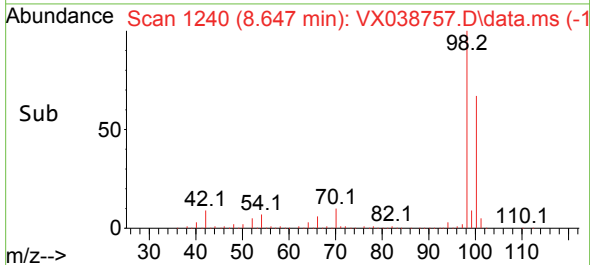
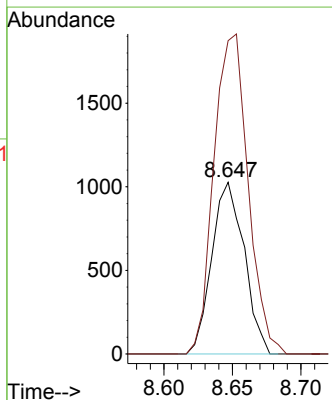
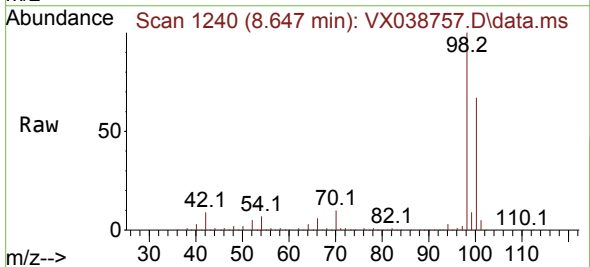
Instrument : MSVOA_X
 ClientSampleId : TT14911-20231107

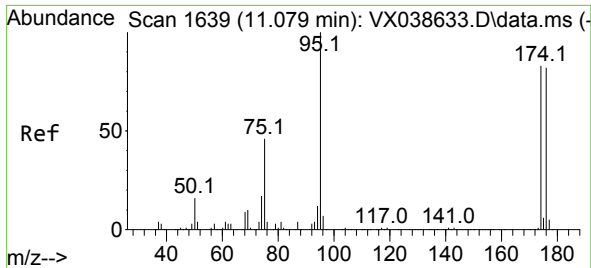
Tgt Ion: 98 Resp: 504942
 Ion Ratio Lower Upper
 98 100
 100 65.3 53.1 79.7



#51
 4-Methyl-2-Pentanone
 Concen: 0.435 ug/l
 RT: 8.647 min Scan# 1240
 Delta R.T. 0.073 min
 Lab File: VX038757.D
 Acq: 11 Nov 2023 04:23

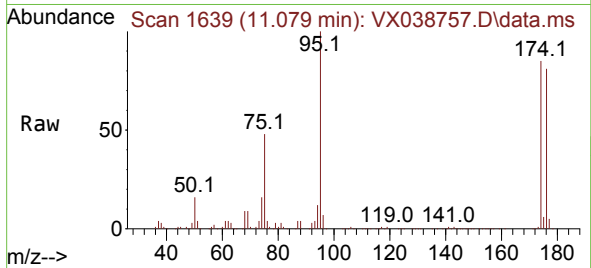
Tgt Ion: 43 Resp: 1688
 Ion Ratio Lower Upper
 43 100
 58 196.9 30.4 45.6#



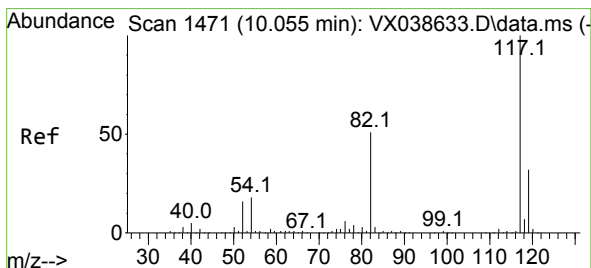
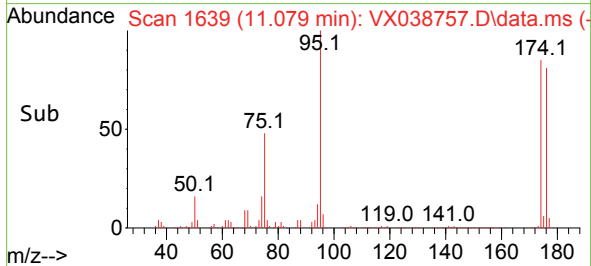
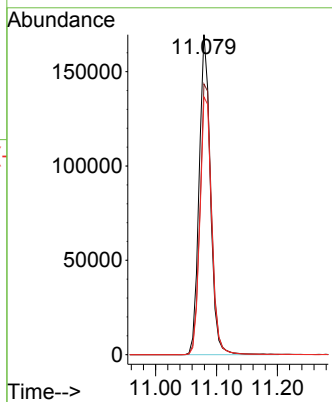


#62
 4-Bromofluorobenzene
 Concen: 51.309 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. 0.000 min
 Lab File: VX038757.D
 Acq: 11 Nov 2023 04:23

Instrument : MSVOA_X
 ClientSampleId : TT14911-20231107

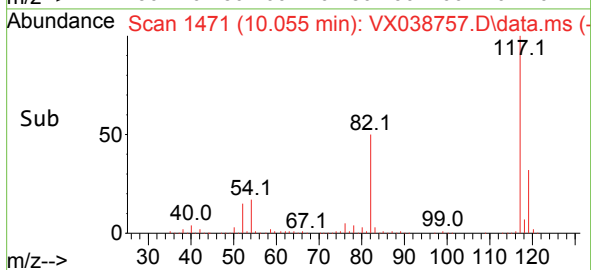
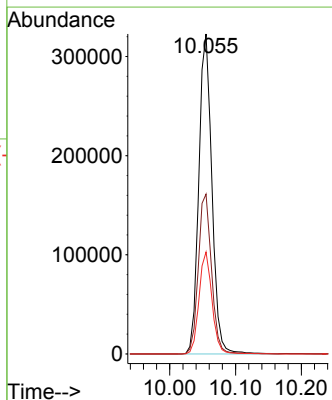
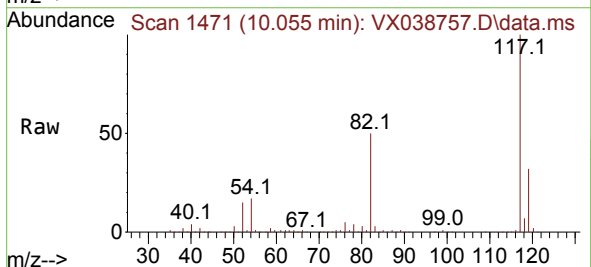


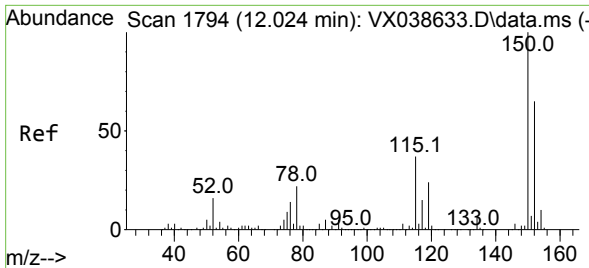
Tgt Ion: 95 Resp: 217218
 Ion Ratio Lower Upper
 95 100
 174 88.9 0.0 135.6
 176 84.4 0.0 131.0



#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 10.055 min Scan# 1471
 Delta R.T. 0.000 min
 Lab File: VX038757.D
 Acq: 11 Nov 2023 04:23

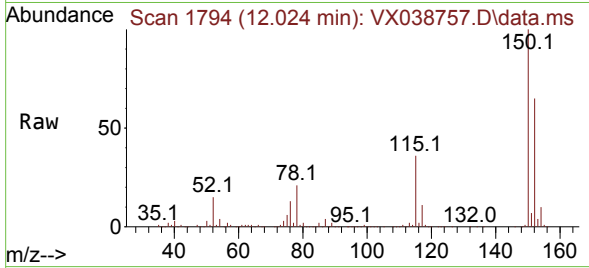
Tgt Ion: 117 Resp: 447062
 Ion Ratio Lower Upper
 117 100
 82 49.9 46.2 69.4
 119 31.9 25.5 38.3



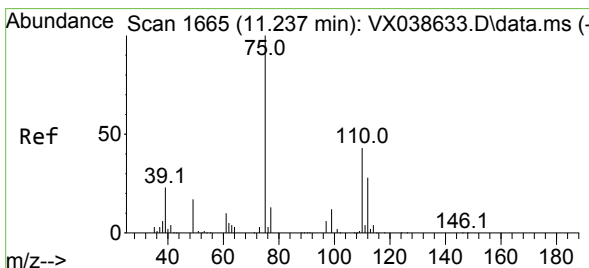
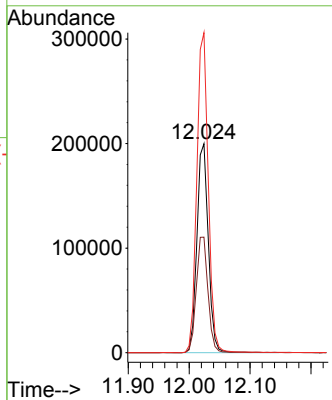
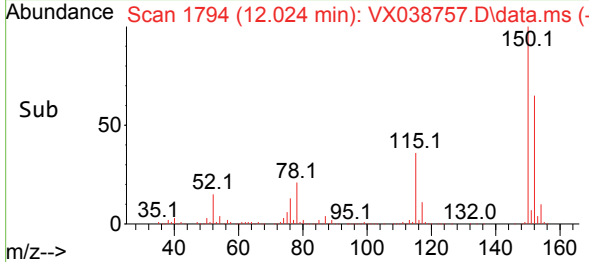


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX038757.D
 Acq: 11 Nov 2023 04:23

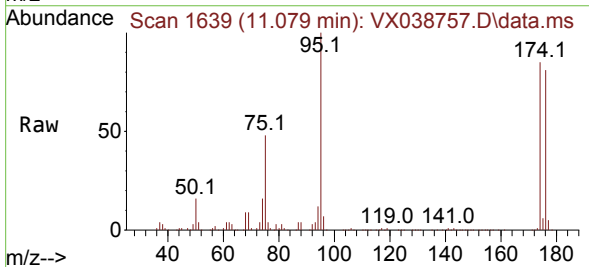
Instrument :
 MSVOA_X
 ClientSampleId :
 TT149I1-20231107



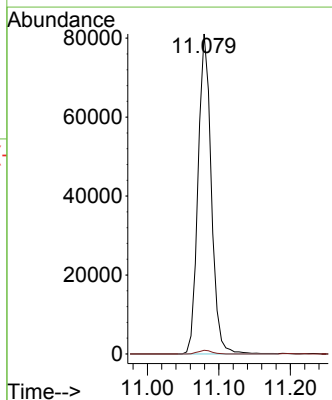
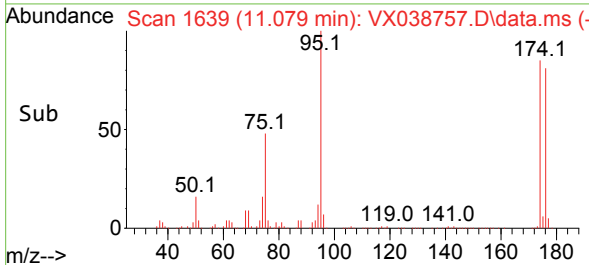
Tgt Ion:152 Resp: 259087
 Ion Ratio Lower Upper
 152 100
 115 56.8 43.3 129.9
 150 154.2 0.0 345.0

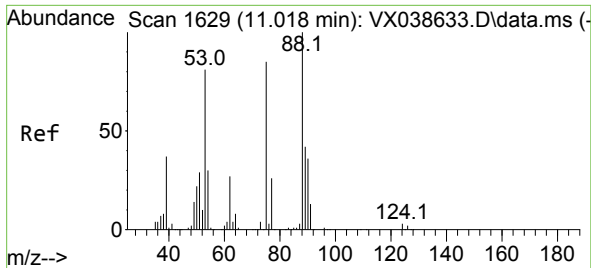


#76
 1,2,3-Trichloropropane
 Concen: 20.288 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.158 min
 Lab File: VX038757.D
 Acq: 11 Nov 2023 04:23



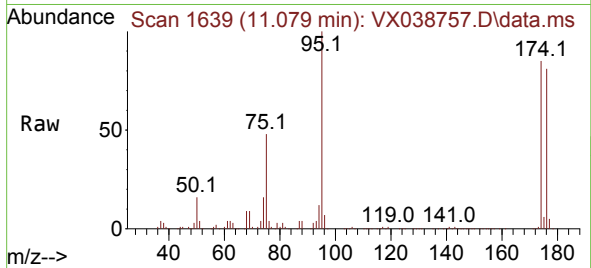
Tgt Ion: 75 Resp: 104104
 Ion Ratio Lower Upper
 75 100
 77 1.2 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 61.909 ug/l
 RT: 11.079 min Scan# 10
 Delta R.T. 0.061 min
 Lab File: VX038757.D
 Acq: 11 Nov 2023 04:23

Instrument : MSVOA_X
 ClientSampleId : TT14911-20231107



Tgt Ion: 75 Resp: 104104
 Ion Ratio Lower Upper
 75 100
 53 0.0 90.5 135.7#
 89 0.0 36.9 55.3#

