

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111023\
 Data File : VX038756.D
 Acq On : 11 Nov 2023 04:00
 Operator : JC/MD
 Sample : 05350-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TT158S1-20231107

Quant Time: Nov 11 05:08:36 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)

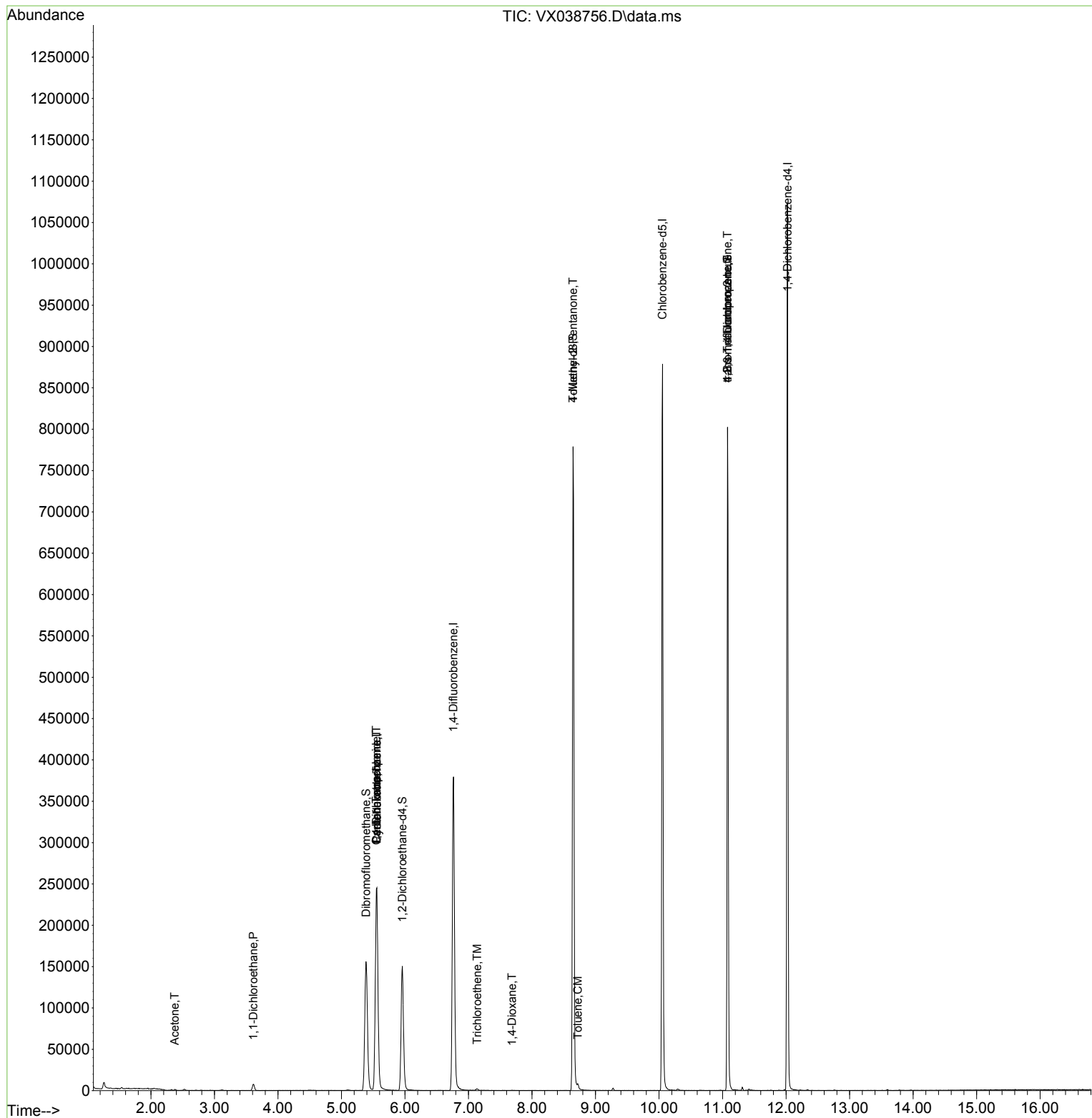
Internal Standards						
1) Pentafluorobenzene	5.556	168	258605	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	424360	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	441220	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	256392	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	149232	46.352	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	92.700%
35) Dibromofluoromethane	5.385	113	139578	45.668	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	91.340%
50) Toluene-d8	8.647	98	502181	45.916	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	91.840%#
62) 4-Bromofluorobenzene	11.079	95	216243	50.996	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	102.000%
Target Compounds						
					Qvalue	
16) Acetone	2.373	43	1377	1.016	ug/l	94
24) 1,1-Dichloroethane	3.611	63	8830	2.049	ug/l	99
31) Cyclohexane	5.556	56	4225	1.186	ug/l	# 1
36) 1,1-Dichloropropene	5.550	75	16521	4.352	ug/l	# 51
38) Carbon Tetrachloride	5.550	117	24691	5.817	ug/l	# 16
44) Trichloroethene	7.135	130	1027	0.302	ug/l	73
49) 1,4-Dioxane	7.684	88	269	4.114	ug/l	# 21
51) 4-Methyl-2-Pentanone	8.647	43	1713	0.441	ug/l	# 1
52) Toluene	8.720	92	1817	0.254	ug/l	93
76) 1,2,3-Trichloropropane	11.079	75	103476	20.378	ug/l	# 39
81) trans-1,4-Dichloro-2-b...	11.079	75	103476	62.152	ug/l	# 5

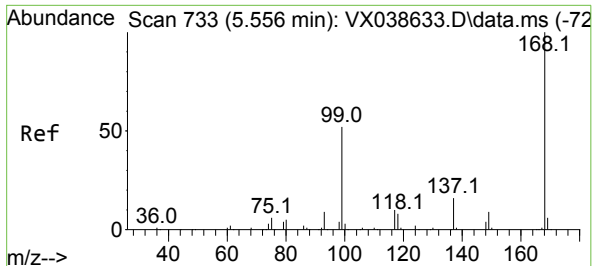
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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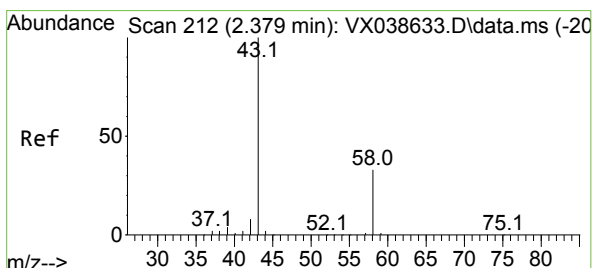
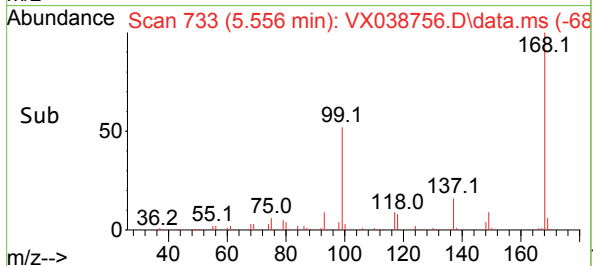
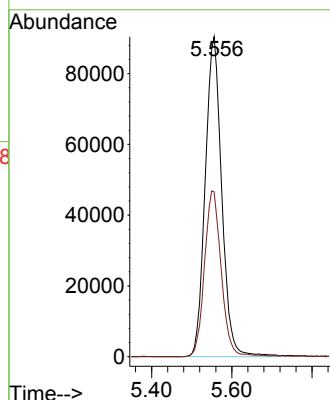
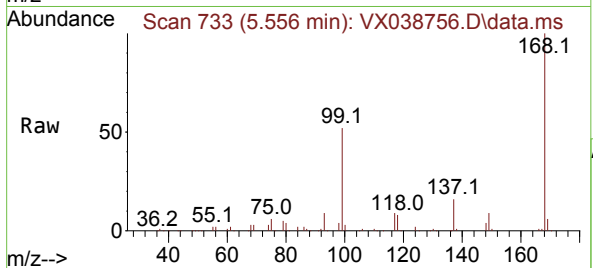




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX038756.D
Acq: 11 Nov 2023 04:00

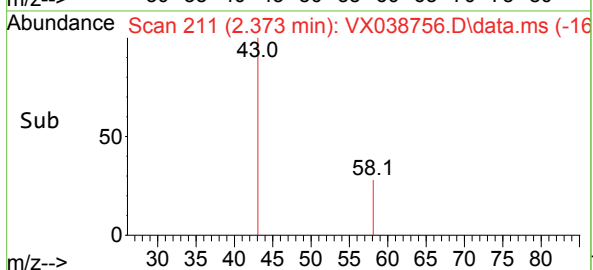
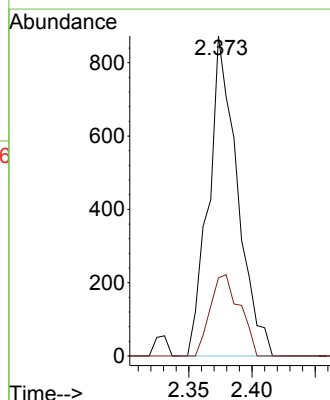
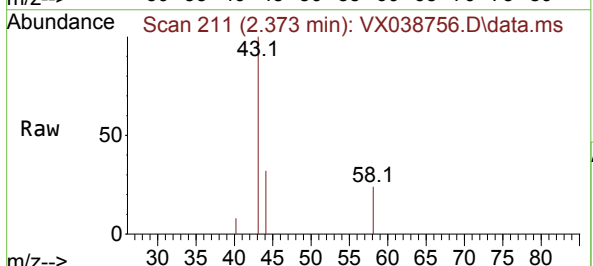
Instrument :
MSVOA_X
ClientSampleId :
TT158S1-20231107

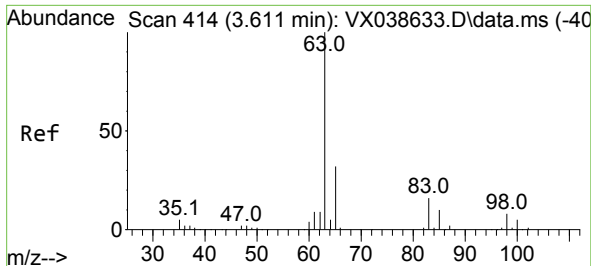
Tgt Ion:168 Resp: 258605
Ion Ratio Lower Upper
168 100
99 51.5 56.6 85.0#



#16
Acetone
Concen: 1.016 ug/l
RT: 2.373 min Scan# 211
Delta R.T. -0.006 min
Lab File: VX038756.D
Acq: 11 Nov 2023 04:00

Tgt Ion: 43 Resp: 1377
Ion Ratio Lower Upper
43 100
58 24.4 21.9 32.9

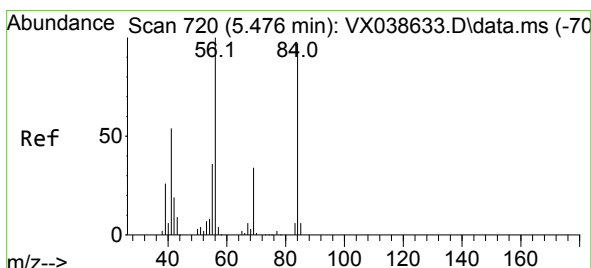
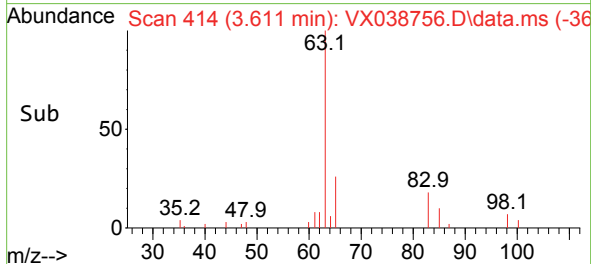
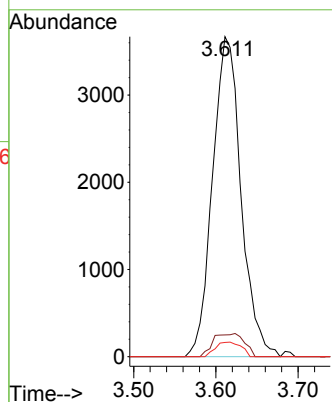
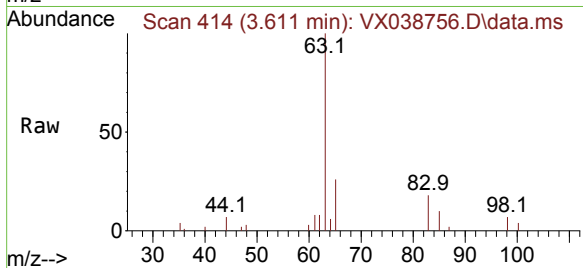




#24
1,1-Dichloroethane
Concen: 2.049 ug/l
RT: 3.611 min Scan# 414
Delta R.T. 0.000 min
Lab File: VX038756.D
Acq: 11 Nov 2023 04:00

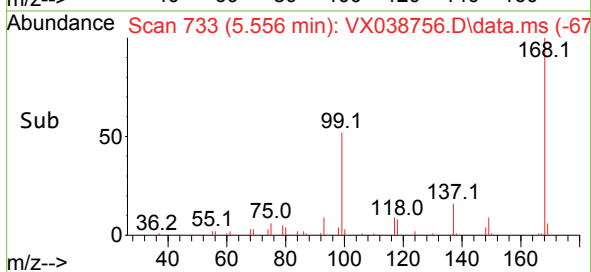
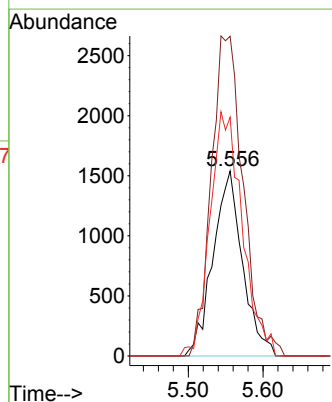
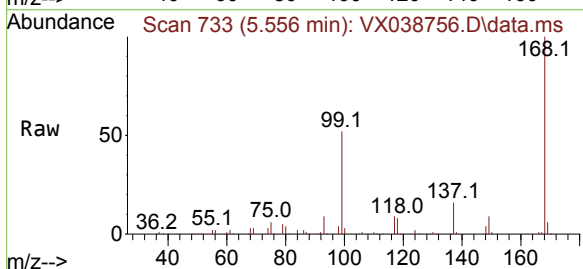
Instrument :
MSVOA_X
ClientSampleId :
TT158S1-20231107

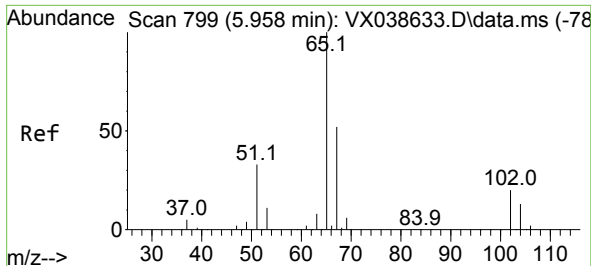
Tgt Ion: 63 Resp: 8830
Ion Ratio Lower Upper
63 100
98 6.8 3.3 9.8
100 4.4 2.1 6.5



#31
Cyclohexane
Concen: 1.186 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.080 min
Lab File: VX038756.D
Acq: 11 Nov 2023 04:00

Tgt Ion: 56 Resp: 4225
Ion Ratio Lower Upper
56 100
69 172.8 23.4 35.2#
84 129.1 65.9 98.9#

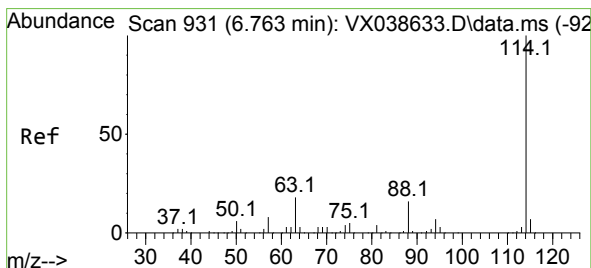
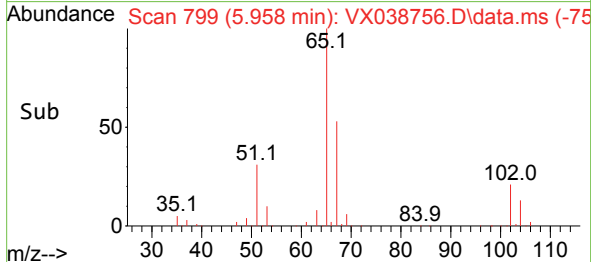
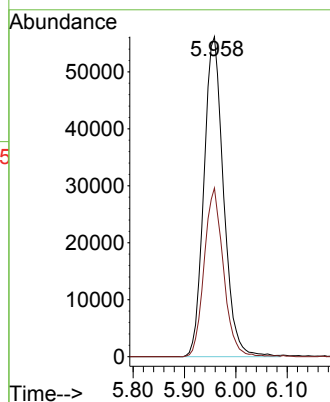
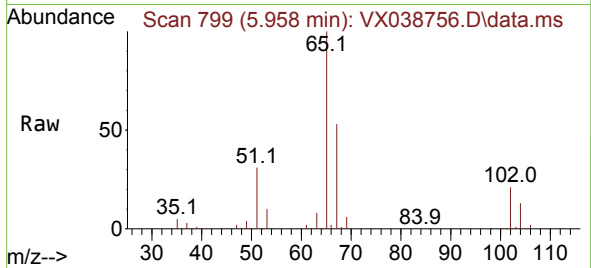




#33
 1,2-Dichloroethane-d4
 Concen: 46.352 ug/l
 RT: 5.958 min Scan# 799
 Delta R.T. 0.000 min
 Lab File: VX038756.D
 Acq: 11 Nov 2023 04:00

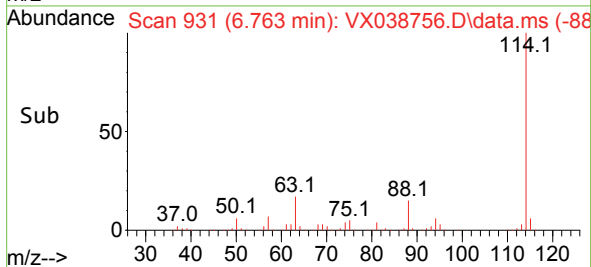
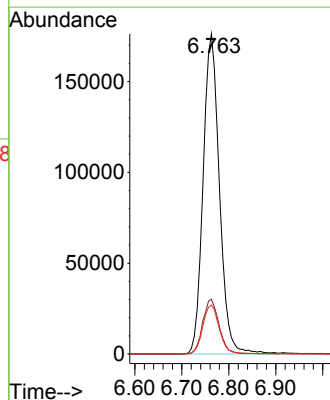
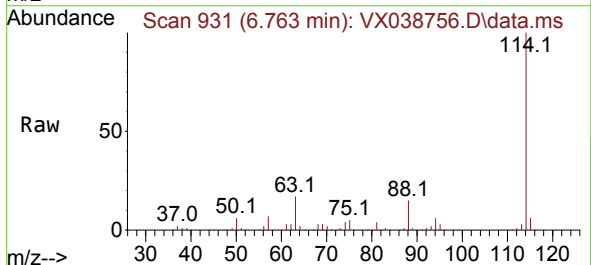
Instrument :
 MSVOA_X
 ClientSampleId :
 TT158S1-20231107

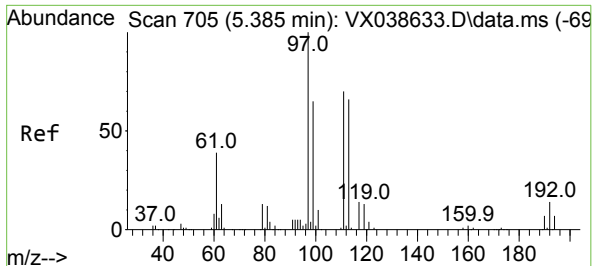
Tgt Ion: 65 Resp: 149232
 Ion Ratio Lower Upper
 65 100
 67 51.5 0.0 100.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. 0.000 min
 Lab File: VX038756.D
 Acq: 11 Nov 2023 04:00

Tgt Ion: 114 Resp: 424360
 Ion Ratio Lower Upper
 114 100
 63 17.1 0.0 45.0
 88 15.3 0.0 36.6

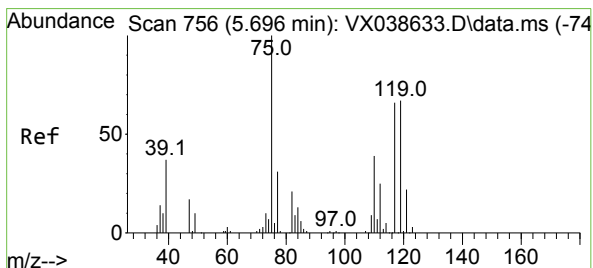
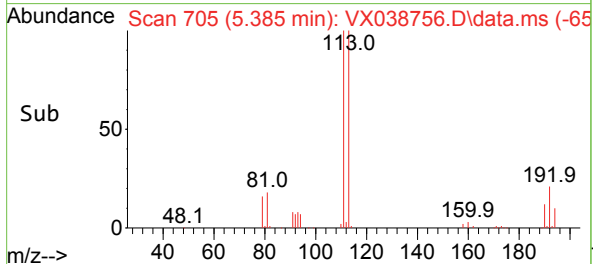
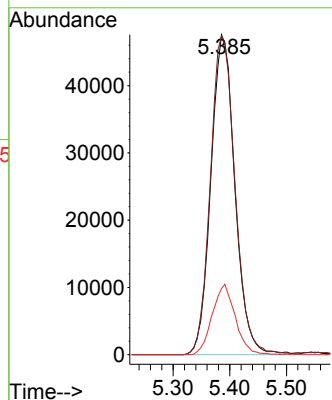
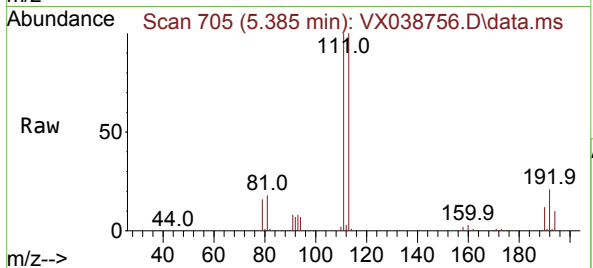




#35
Dibromofluoromethane
Concen: 45.668 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX038756.D
Acq: 11 Nov 2023 04:00

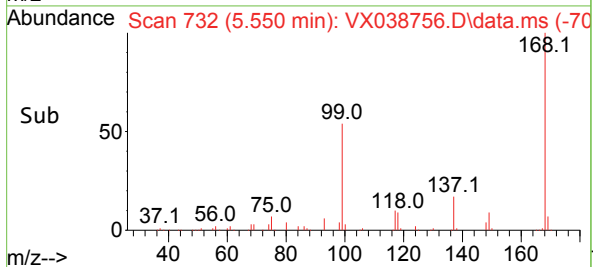
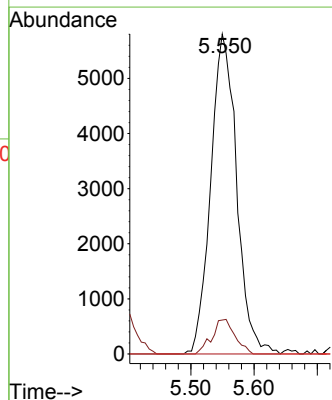
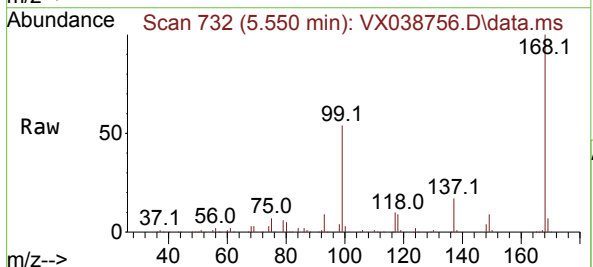
Instrument :
MSVOA_X
ClientSampleId :
TT158S1-20231107

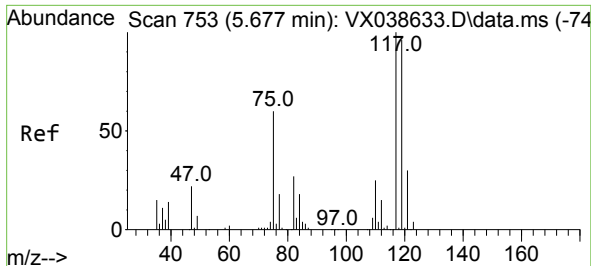
Tgt Ion:113 Resp: 139578
Ion Ratio Lower Upper
113 100
111 102.7 82.9 124.3
192 21.2 13.3 19.9#



#36
1,1-Dichloropropene
Concen: 4.352 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.146 min
Lab File: VX038756.D
Acq: 11 Nov 2023 04:00

Tgt Ion: 75 Resp: 16521
Ion Ratio Lower Upper
75 100
110 9.6 17.0 50.9#
77 0.0 24.7 37.1#





#38

Carbon Tetrachloride

Concen: 5.817 ug/l

RT: 5.550 min Scan# 71

Delta R.T. -0.128 min

Lab File: VX038756.D

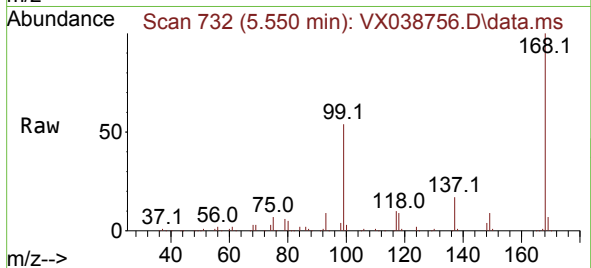
Acq: 11 Nov 2023 04:00

Instrument :

MSVOA_X

ClientSampleId :

TT158S1-20231107



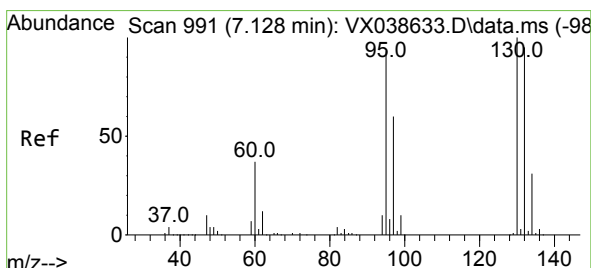
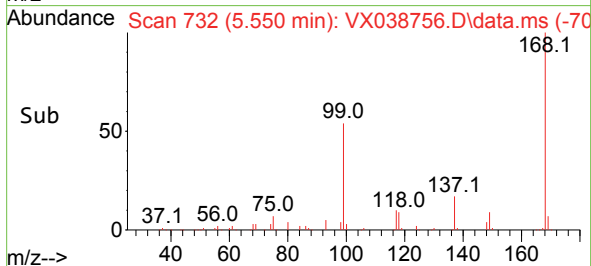
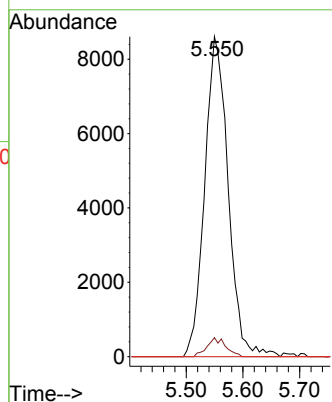
Tgt Ion:117 Resp: 24691

Ion Ratio Lower Upper

117 100

119 6.0 78.2 117.2#

121 0.0 24.4 36.6#



#44

Trichloroethene

Concen: 0.302 ug/l

RT: 7.135 min Scan# 992

Delta R.T. 0.006 min

Lab File: VX038756.D

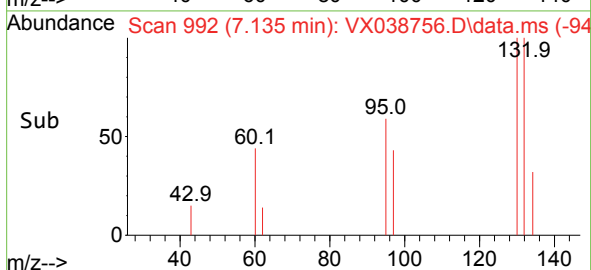
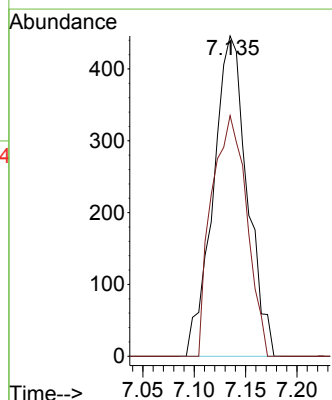
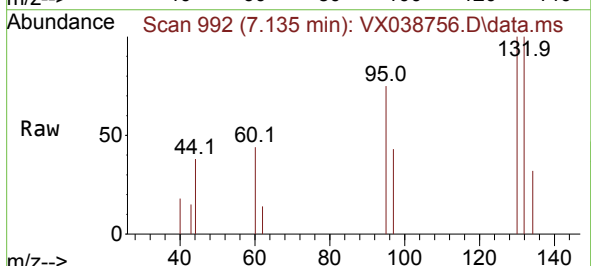
Acq: 11 Nov 2023 04:00

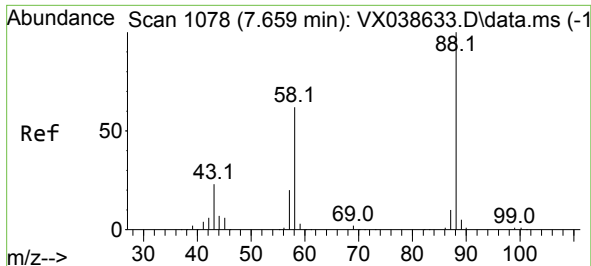
Tgt Ion:130 Resp: 1027

Ion Ratio Lower Upper

130 100

95 75.1 0.0 204.4





#49

1,4-Dioxane

Concen: 4.114 ug/l

RT: 7.684 min Scan# 1082

Delta R.T. 0.025 min

Lab File: VX038756.D

Acq: 11 Nov 2023 04:00

Instrument :

MSVOA_X

ClientSampleId :

TT158S1-20231107

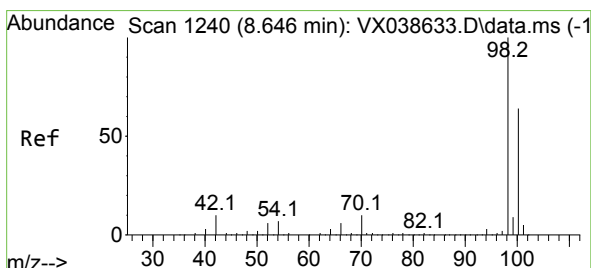
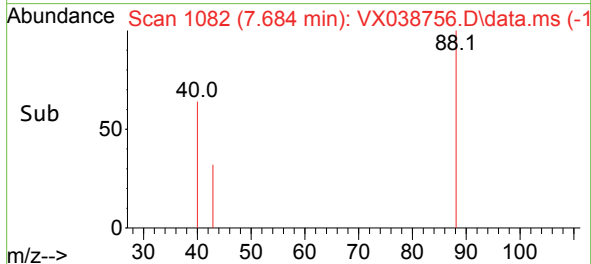
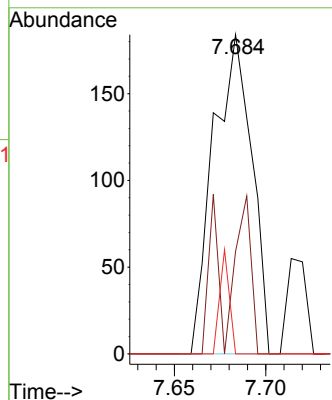
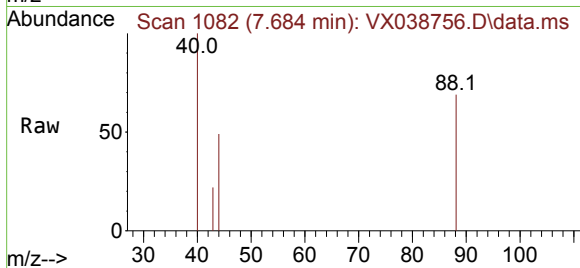
Tgt Ion: 88 Resp: 269

Ion Ratio Lower Upper

88 100

43 20.4 0.0 0.0#

58 8.2 60.1 90.1#



#50

Toluene-d8

Concen: 45.916 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.000 min

Lab File: VX038756.D

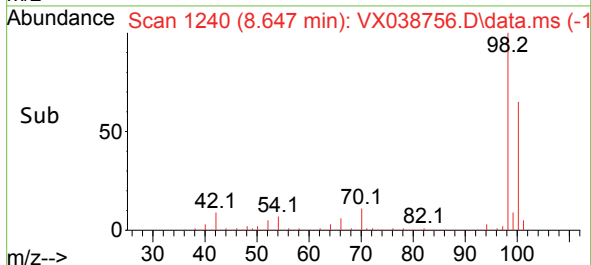
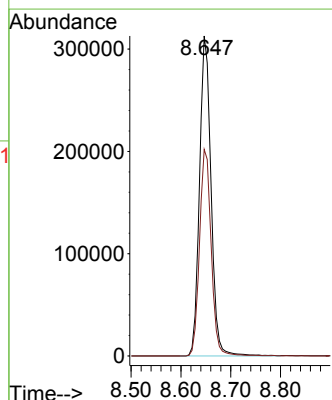
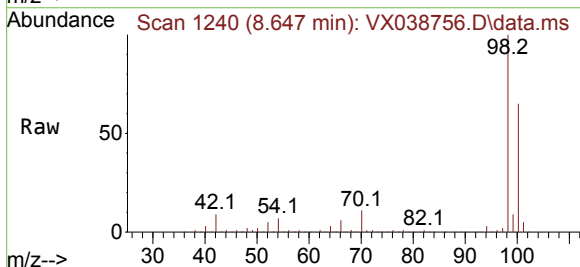
Acq: 11 Nov 2023 04:00

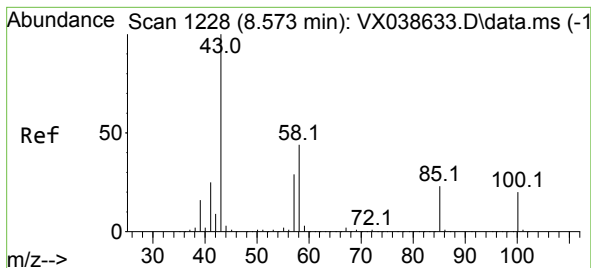
Tgt Ion: 98 Resp: 502181

Ion Ratio Lower Upper

98 100

100 65.5 53.1 79.7

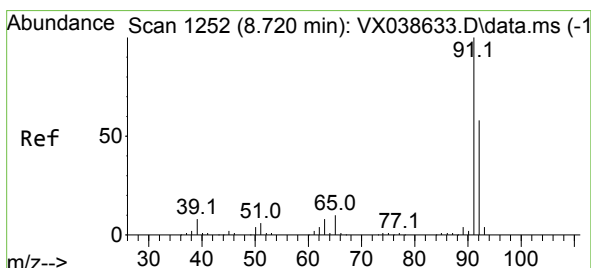
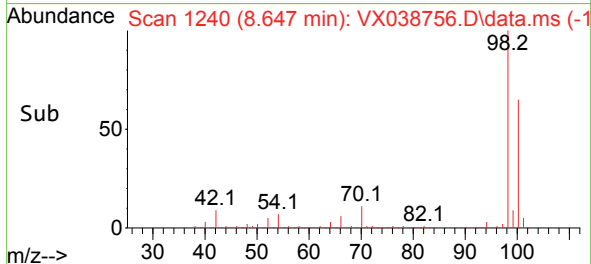
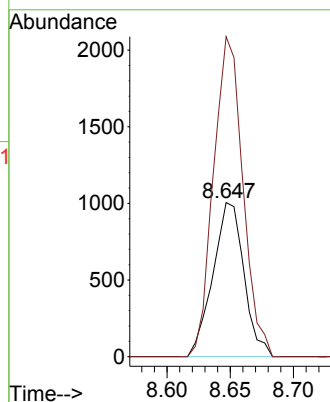
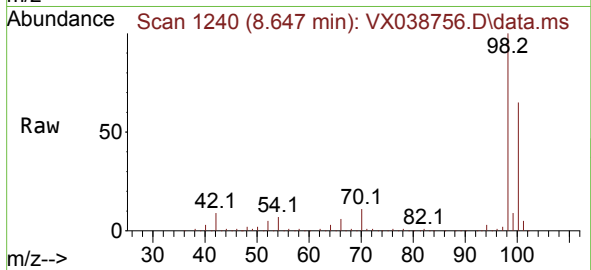




#51
4-Methyl-2-Pentanone
Concen: 0.441 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.073 min
Lab File: VX038756.D
Acq: 11 Nov 2023 04:00

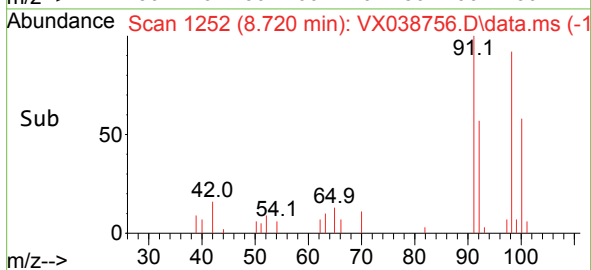
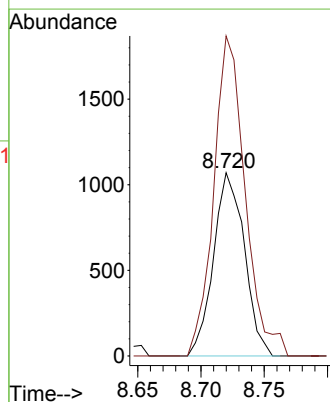
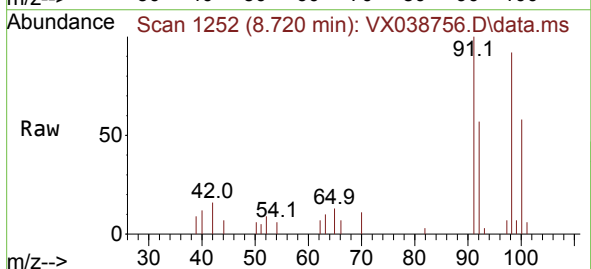
Instrument :
MSVOA_X
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TT158S1-20231107

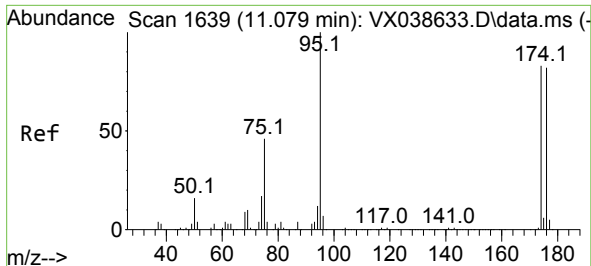
Tgt Ion: 43 Resp: 1713
Ion Ratio Lower Upper
43 100
58 196.9 30.4 45.6#



#52
Toluene
Concen: 0.254 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX038756.D
Acq: 11 Nov 2023 04:00

Tgt Ion: 92 Resp: 1817
Ion Ratio Lower Upper
92 100
91 177.4 134.2 201.2

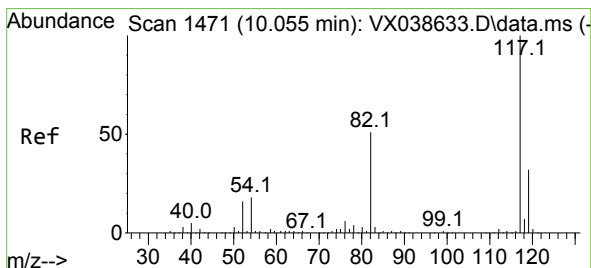
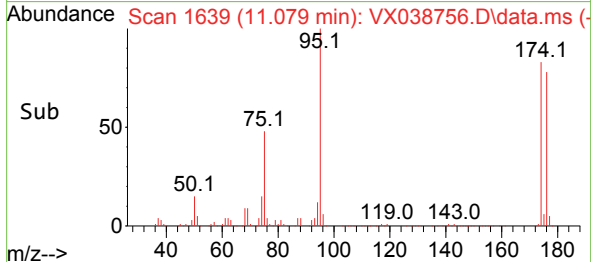
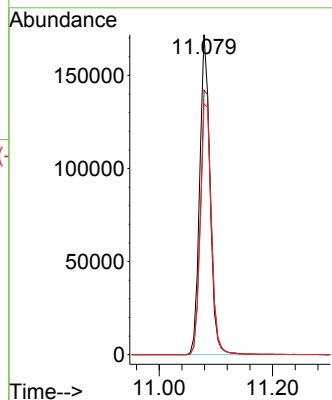
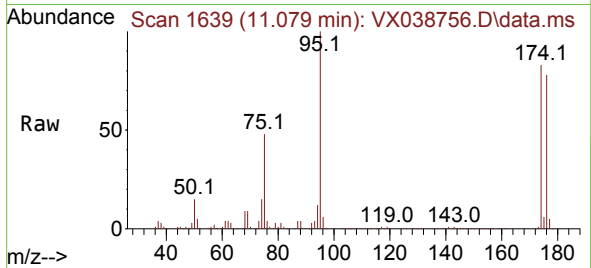




#62
4-Bromofluorobenzene
Concen: 50.996 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX038756.D
Acq: 11 Nov 2023 04:00

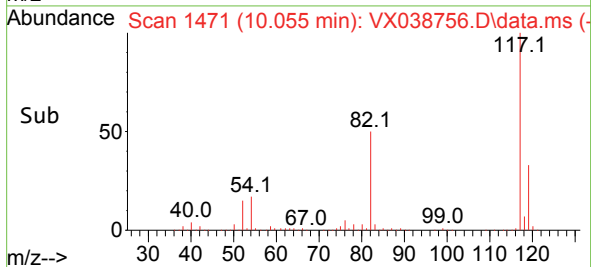
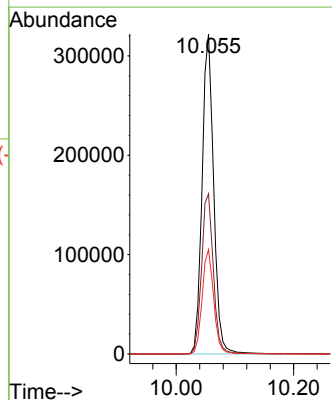
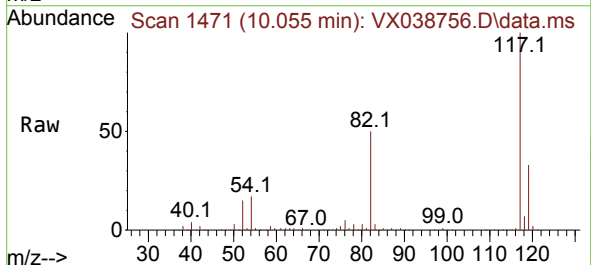
Instrument :
MSVOA_X
ClientSampleId :
TT158S1-20231107

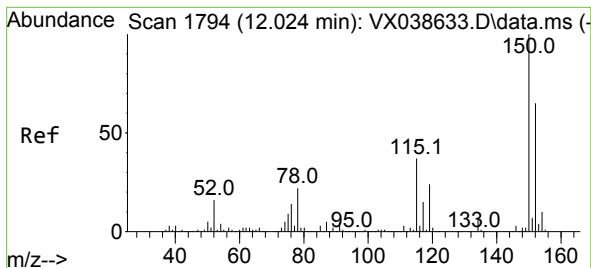
Tgt Ion: 95 Resp: 216243
Ion Ratio Lower Upper
95 100
174 87.8 0.0 135.6
176 83.5 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX038756.D
Acq: 11 Nov 2023 04:00

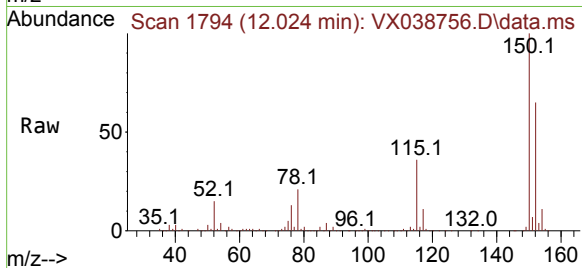
Tgt Ion: 117 Resp: 441220
Ion Ratio Lower Upper
117 100
82 50.0 46.2 69.4
119 32.6 25.5 38.3



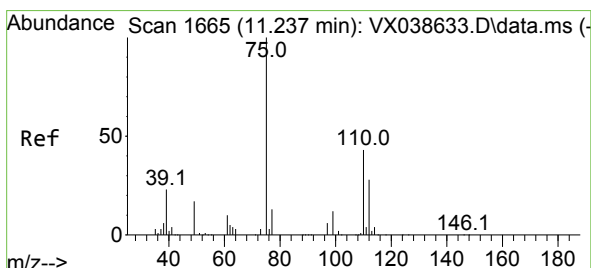
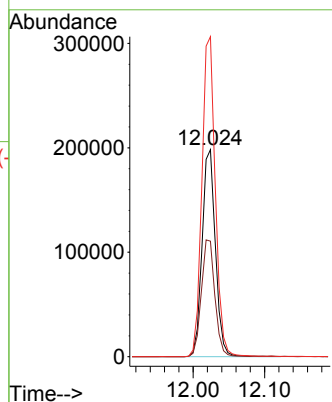
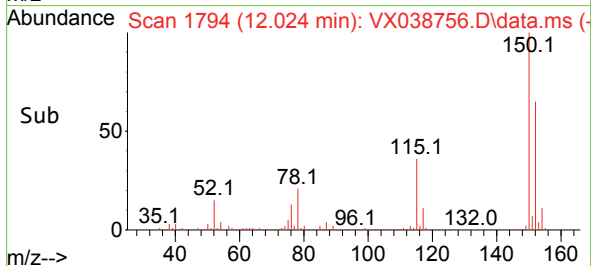


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 1
 Delta R.T. 0.000 min
 Lab File: VX038756.D
 Acq: 11 Nov 2023 04:00

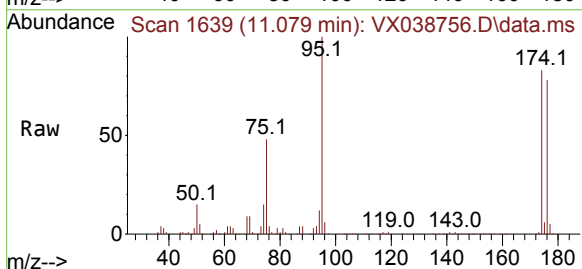
Instrument :
 MSVOA_X
 ClientSampleId :
 TT158S1-20231107



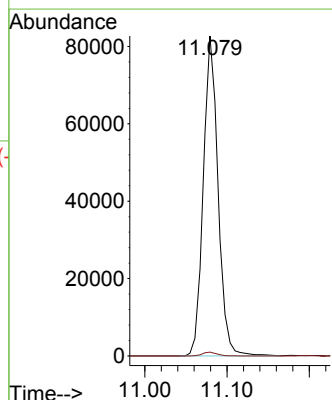
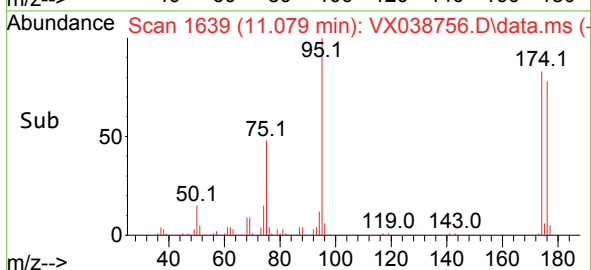
Tgt Ion:152 Resp: 256392
 Ion Ratio Lower Upper
 152 100
 115 57.4 43.3 129.9
 150 155.9 0.0 345.0

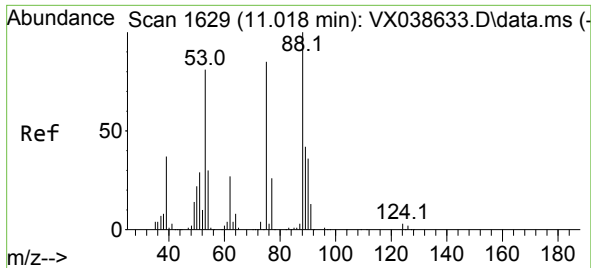


#76
 1,2,3-Trichloropropane
 Concen: 20.378 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.158 min
 Lab File: VX038756.D
 Acq: 11 Nov 2023 04:00



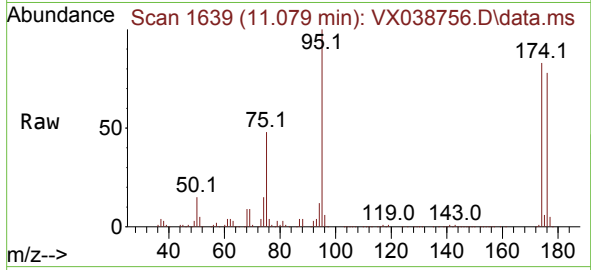
Tgt Ion: 75 Resp: 103476
 Ion Ratio Lower Upper
 75 100
 77 1.2 19.1 57.5#





#81
trans-1,4-Dichloro-2-butene
Concen: 62.152 ug/l
RT: 11.079 min Scan# 10
Delta R.T. 0.061 min
Lab File: VX038756.D
Acq: 11 Nov 2023 04:00

Instrument :
MSVOA_X
ClientSampleId :
TT158S1-20231107



Tgt Ion: 75 Resp: 103476
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 36.9 55.3#

