

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100923\
 Data File : VX038178.D
 Acq On : 09 Oct 2023 17:42
 Operator : JC/MD
 Sample : 04713-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Oct 10 00:59:44 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100523W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 05 15:27:13 2023
 Response via : Initial Calibration

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

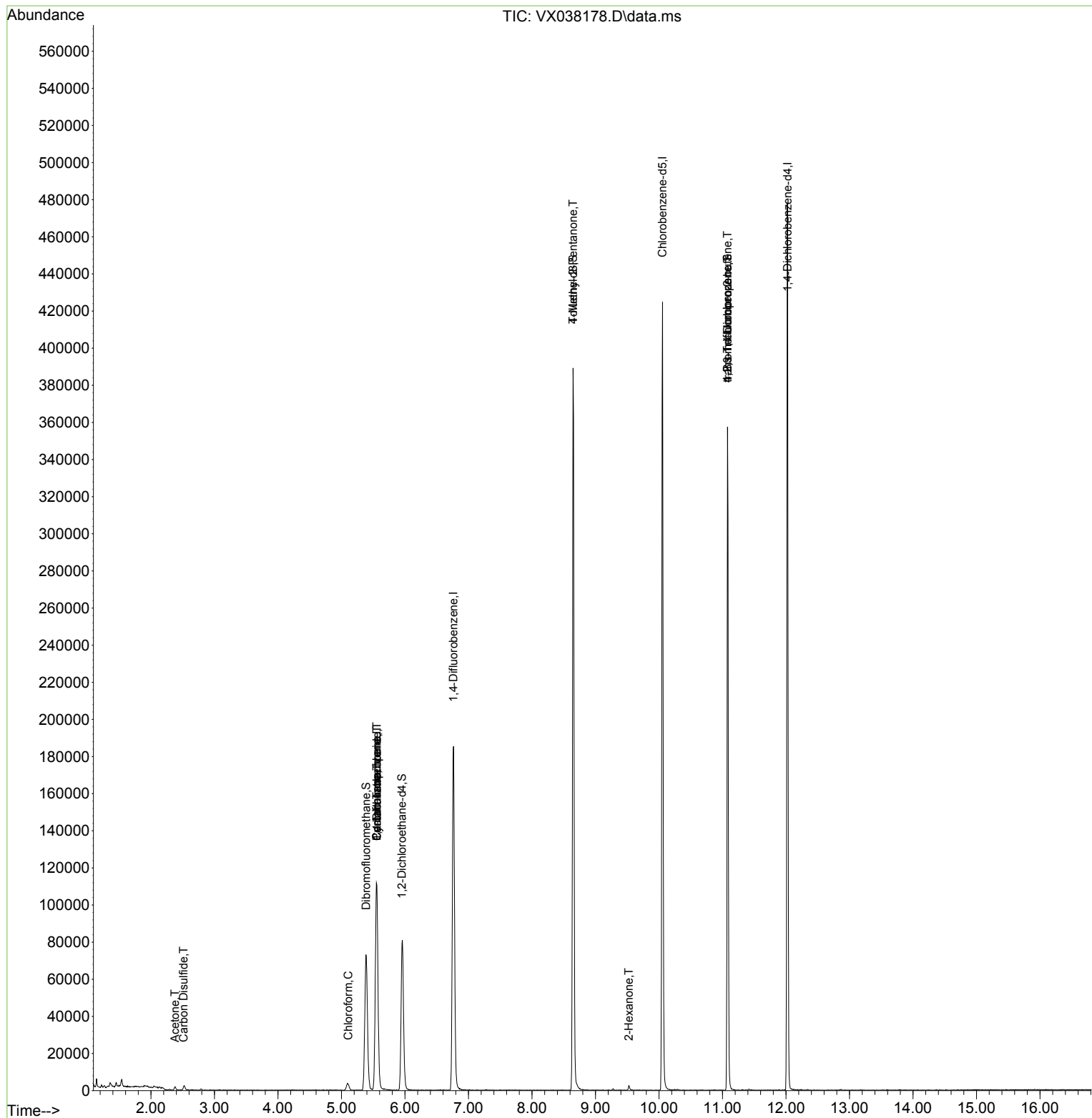
Internal Standards						
1) Pentafluorobenzene	5.556	168	107779	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	188306	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	189102	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	96635	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	78813	45.463	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	90.920%
35) Dibromofluoromethane	5.385	113	62713	46.219	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	92.440%
50) Toluene-d8	8.647	98	236426	45.599	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	91.200%#
62) 4-Bromofluorobenzene	11.079	95	88736	45.143	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	90.280%
Target Compounds						
					Qvalue	
5) Bromomethane	1.538	94	72	Below Cal	#	3
6) Chloroethane	1.673	64	233	Below Cal	#	43
16) Acetone	2.380	43	1983	2.741	ug/l #	68
17) Carbon Disulfide	2.514	76	1501	0.528	ug/l #	88
30) Chloroform	5.105	83	4496	1.833	ug/l	87
31) Cyclohexane	5.556	56	2609	1.389	ug/l #	47
36) 1,1-Dichloropropene	5.556	75	8997	4.808	ug/l #	50
38) Carbon Tetrachloride	5.556	117	11068	6.013	ug/l #	15
51) 4-Methyl-2-Pentanone	8.647	43	1080	0.472	ug/l #	1
59) 2-Hexanone	9.525	43	417	0.227	ug/l #	26
76) 1,2,3-Trichloropropane	11.079	75	50154	22.830	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	50154	65.317	ug/l #	5

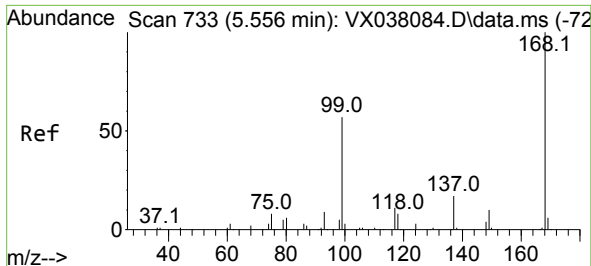
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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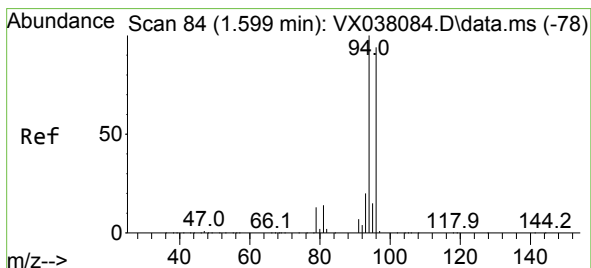
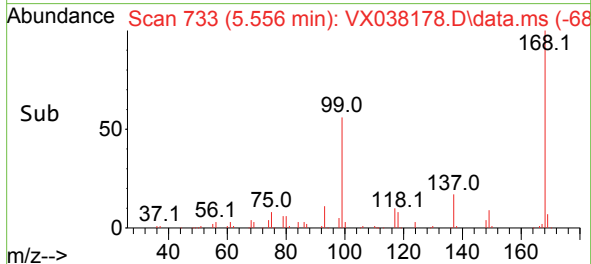
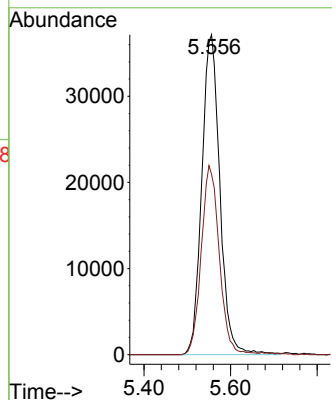
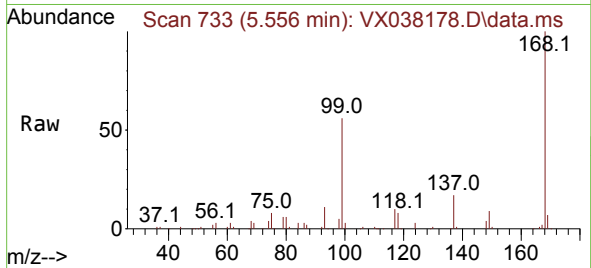




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.000 min
Lab File: VX038178.D
Acq: 09 Oct 2023 17:42

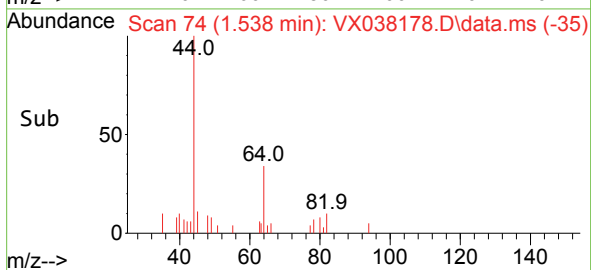
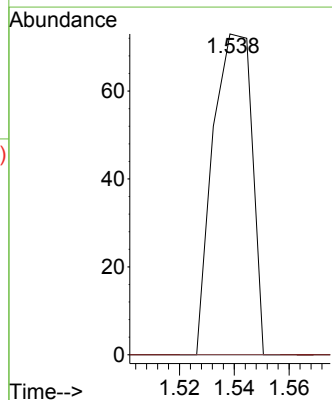
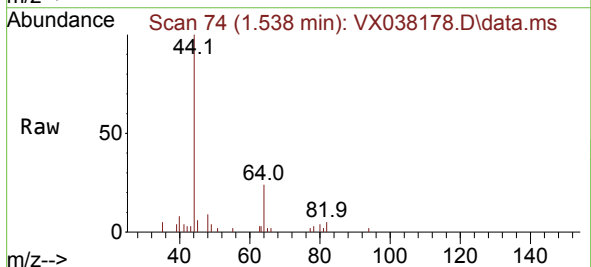
Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:168 Resp: 107779
Ion Ratio Lower Upper
168 100
99 56.4 56.6 85.0#



#5
Bromomethane
Concen: Below Cal
RT: 1.538 min Scan# 74
Delta R.T. -0.061 min
Lab File: VX038178.D
Acq: 09 Oct 2023 17:42

Tgt Ion: 94 Resp: 72
Ion Ratio Lower Upper
94 100
96 0.0 74.6 111.8#

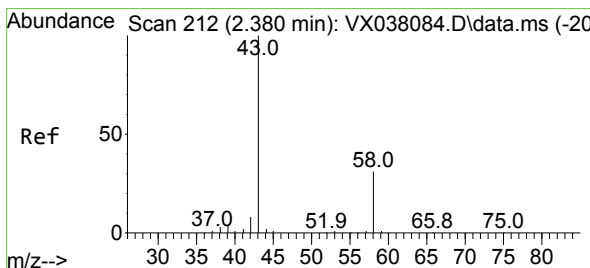
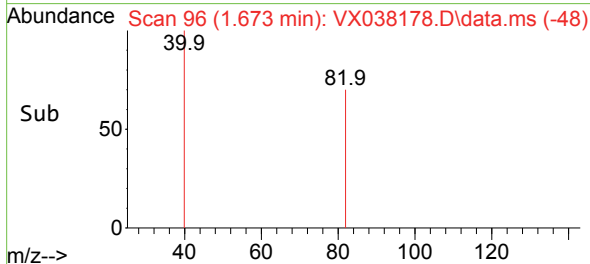
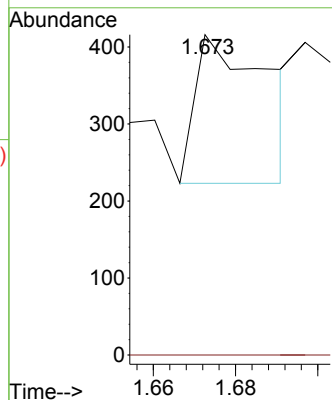
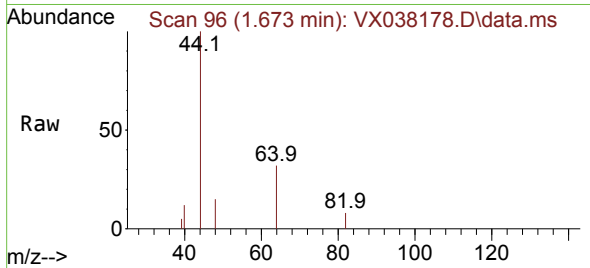




#6
Chloroethane
Concen: Below Cal
RT: 1.673 min Scan# 90
Delta R.T. -0.006 min
Lab File: VX038178.D
Acq: 09 Oct 2023 17:42

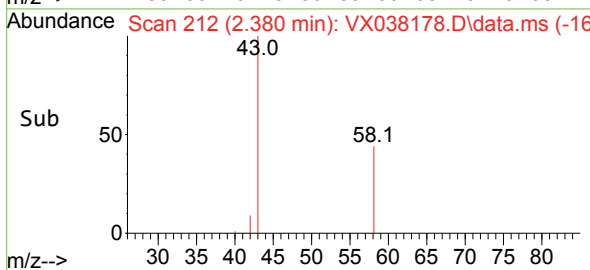
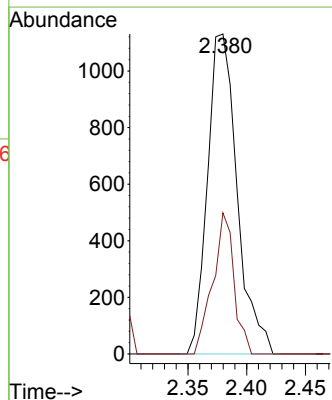
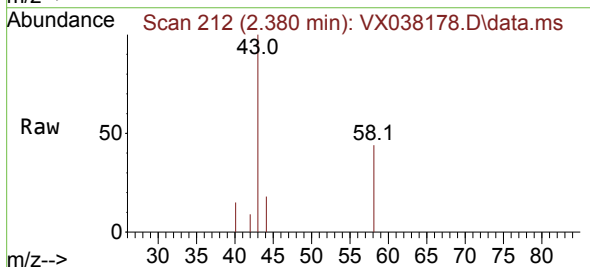
Instrument :
MSVOA_X
ClientSampleId :

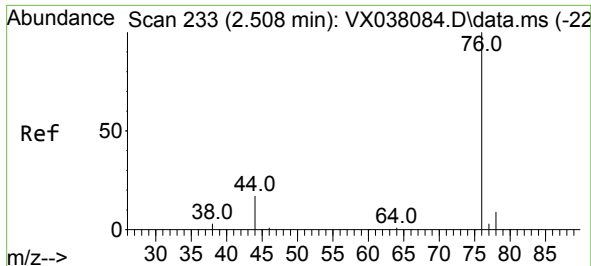
Tgt Ion: 64 Resp: 233
Ion Ratio Lower Upper
64 100
66 0.0 25.1 37.7#



#16
Acetone
Concen: 2.741 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.000 min
Lab File: VX038178.D
Acq: 09 Oct 2023 17:42

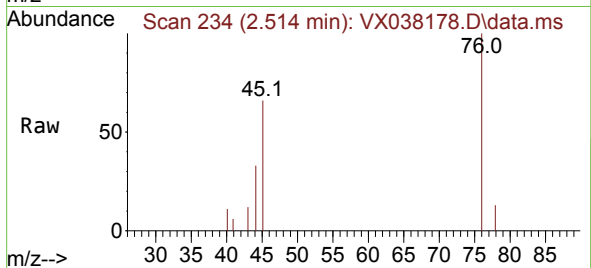
Tgt Ion: 43 Resp: 1983
Ion Ratio Lower Upper
43 100
58 44.1 21.9 32.9#



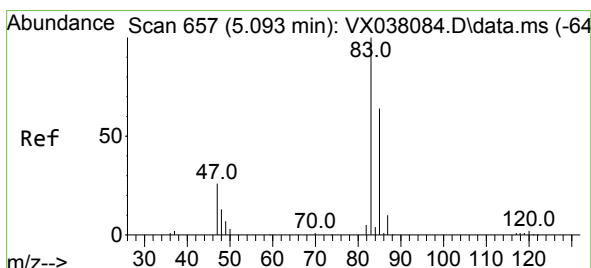
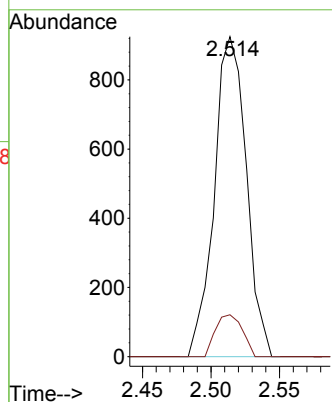
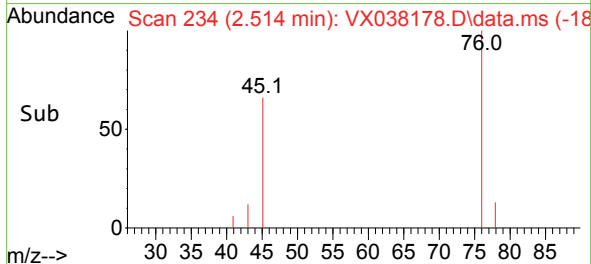


#17
Carbon Disulfide
Concen: 0.528 ug/l
RT: 2.514 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX038178.D
Acq: 09 Oct 2023 17:42

Instrument :
MSVOA_X
ClientSampleId :

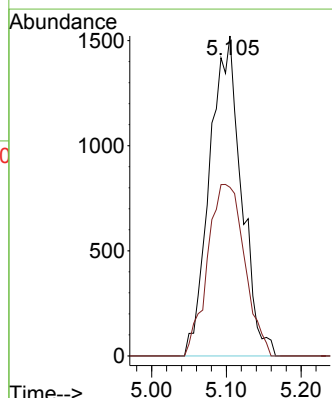
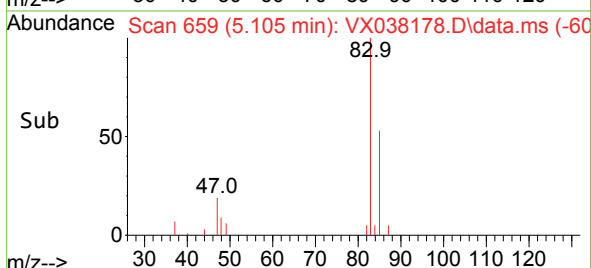
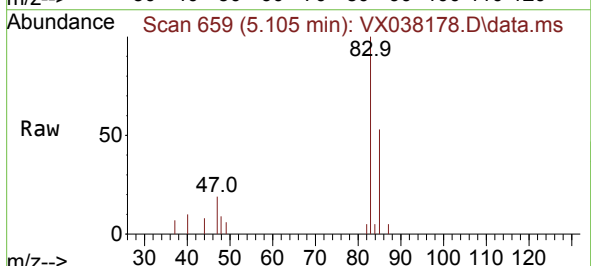


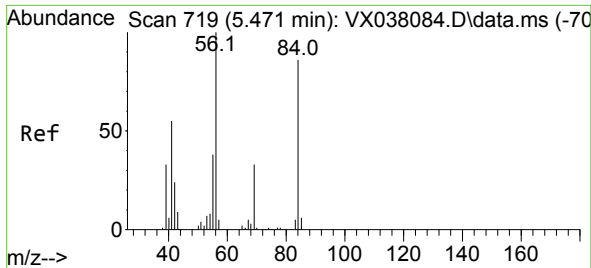
Tgt Ion: 76 Resp: 1501
Ion Ratio Lower Upper
76 100
78 13.1 7.0 10.6#



#30
Chloroform
Concen: 1.833 ug/l
RT: 5.105 min Scan# 659
Delta R.T. 0.012 min
Lab File: VX038178.D
Acq: 09 Oct 2023 17:42

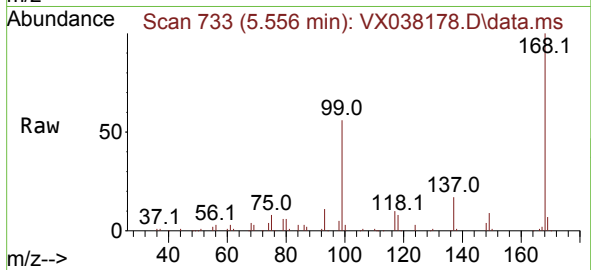
Tgt Ion: 83 Resp: 4496
Ion Ratio Lower Upper
83 100
85 52.7 50.3 75.5



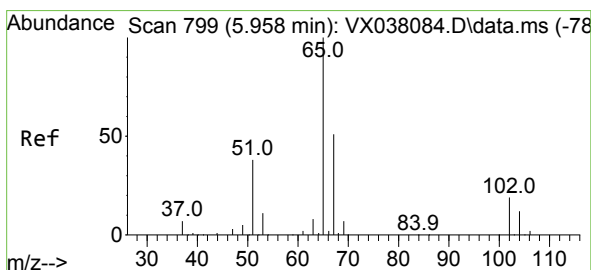
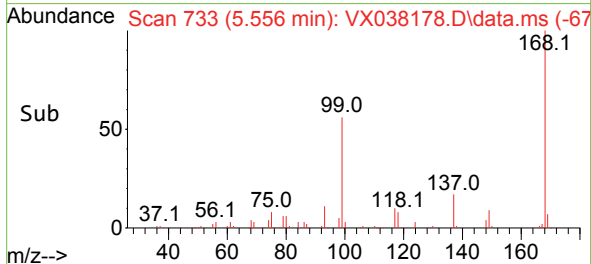
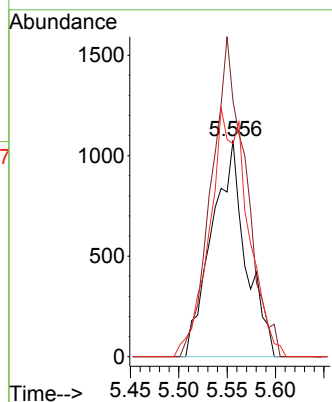


#31
Cyclohexane
Concen: 1.389 ug/l
RT: 5.556 min Scan# 719
Delta R.T. 0.085 min
Lab File: VX038178.D
Acq: 09 Oct 2023 17:42

Instrument :
MSVOA_X
ClientSampleId :

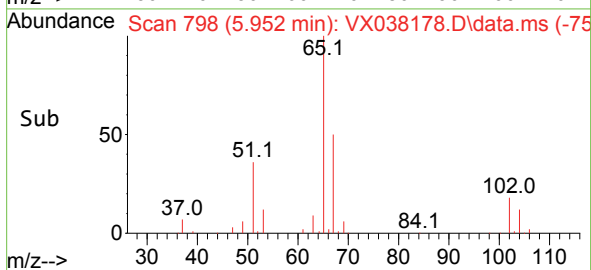
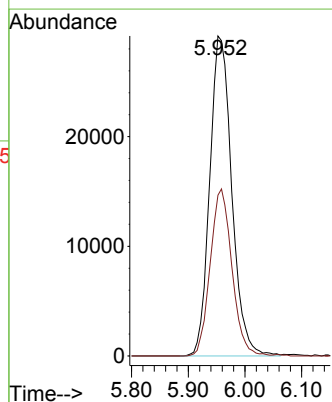
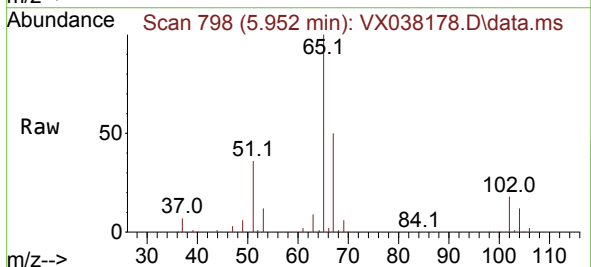


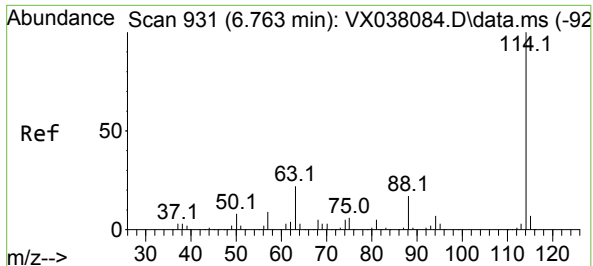
Tgt Ion: 56 Resp: 2609
Ion Ratio Lower Upper
56 100
69 118.3 23.4 35.2#
84 93.4 65.9 98.9



#33
1,2-Dichloroethane-d4
Concen: 45.463 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.006 min
Lab File: VX038178.D
Acq: 09 Oct 2023 17:42

Tgt Ion: 65 Resp: 78813
Ion Ratio Lower Upper
65 100
67 51.3 0.0 100.2

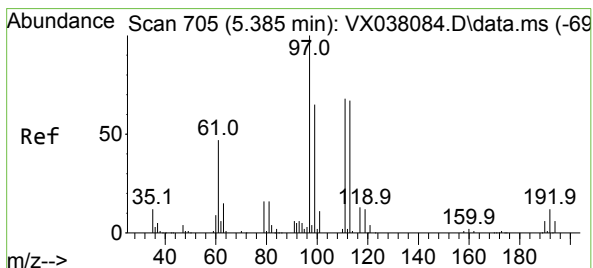
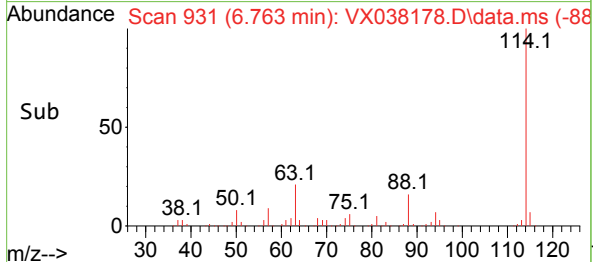
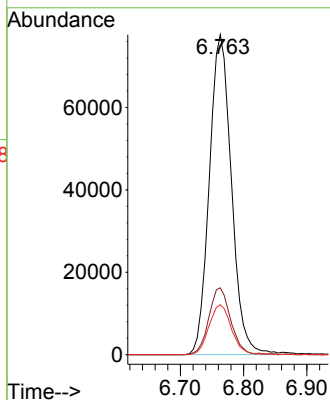
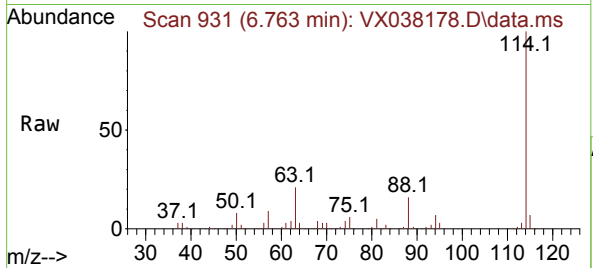




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX038178.D
Acq: 09 Oct 2023 17:42

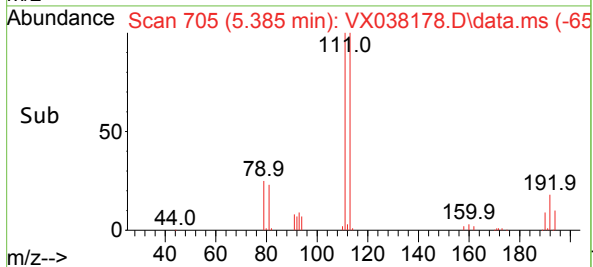
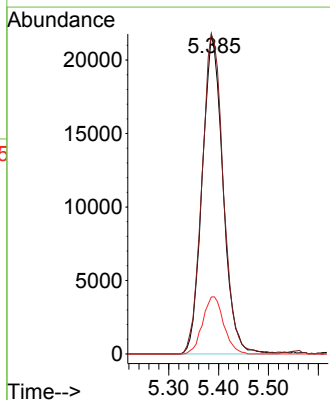
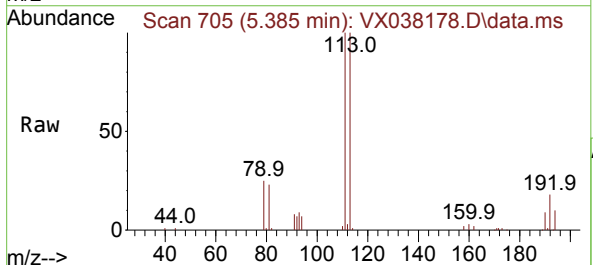
Instrument :
MSVOA_X
ClientSampleId :

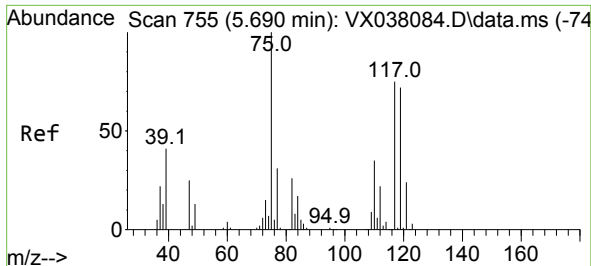
Tgt Ion:114 Resp: 188306
Ion Ratio Lower Upper
114 100
63 20.9 0.0 45.0
88 15.6 0.0 36.6



#35
Dibromofluoromethane
Concen: 46.219 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX038178.D
Acq: 09 Oct 2023 17:42

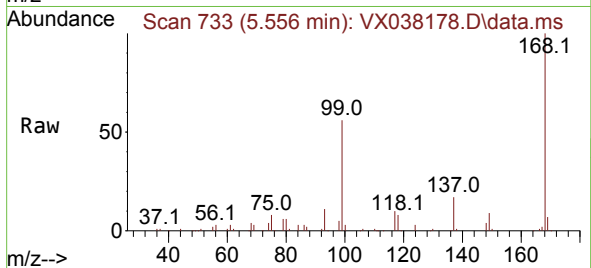
Tgt Ion:113 Resp: 62713
Ion Ratio Lower Upper
113 100
111 103.0 82.9 124.3
192 18.2 13.3 19.9



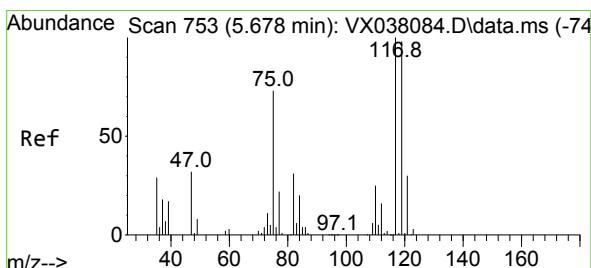
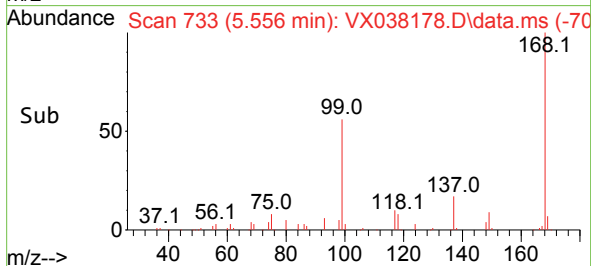
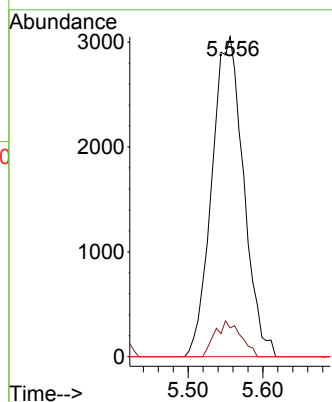


#36
1,1-Dichloropropene
Concen: 4.808 ug/l
RT: 5.556 min Scan# 713
Delta R.T. -0.134 min
Lab File: VX038178.D
Acq: 09 Oct 2023 17:42

Instrument :
MSVOA_X
ClientSampleId :

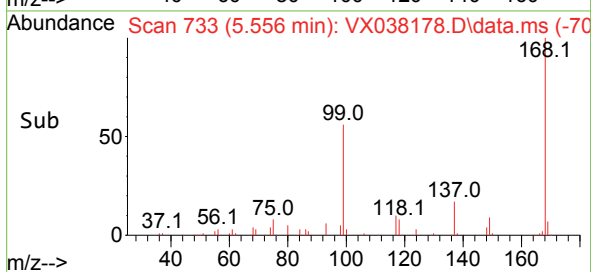
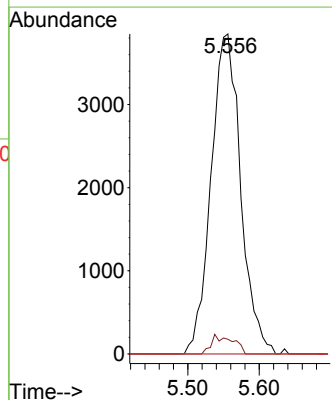
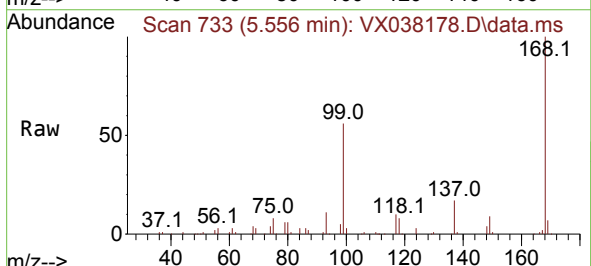


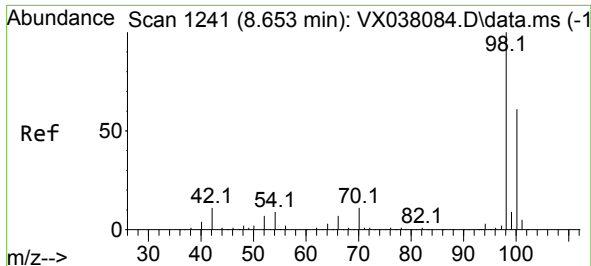
Tgt Ion: 75 Resp: 8997
Ion Ratio Lower Upper
75 100
110 9.0 17.0 50.9#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 6.013 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.122 min
Lab File: VX038178.D
Acq: 09 Oct 2023 17:42

Tgt Ion: 117 Resp: 11068
Ion Ratio Lower Upper
117 100
119 4.6 78.2 117.2#
121 0.0 24.4 36.6#

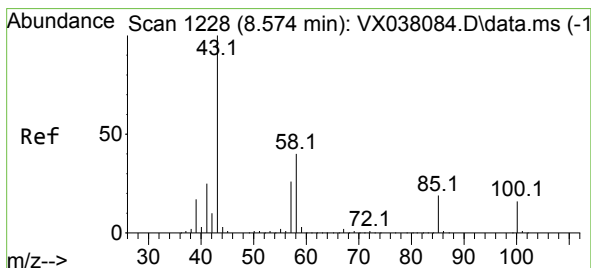
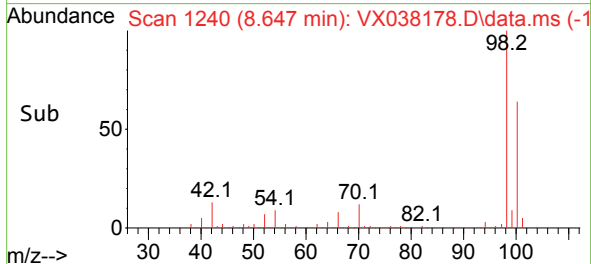
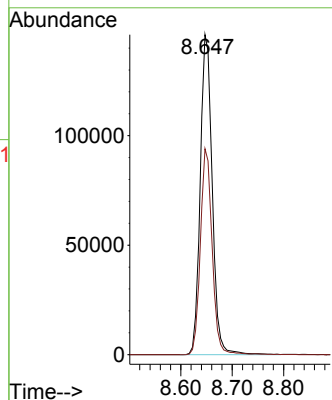
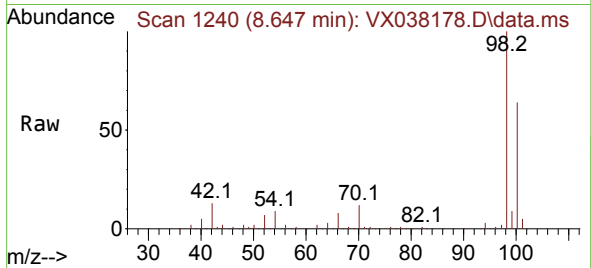




#50
Toluene-d8
Concen: 45.599 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX038178.D
Acq: 09 Oct 2023 17:42

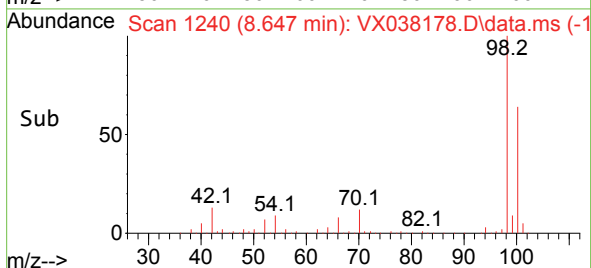
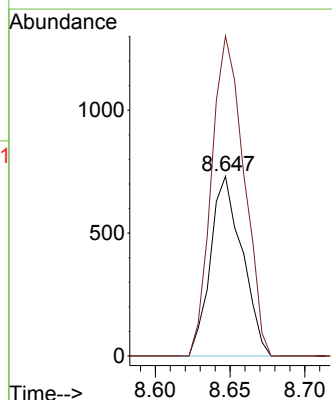
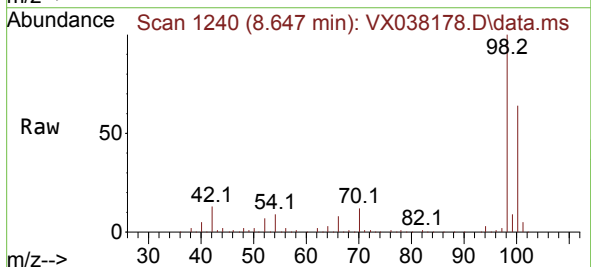
Instrument :
MSVOA_X
ClientSampleId :

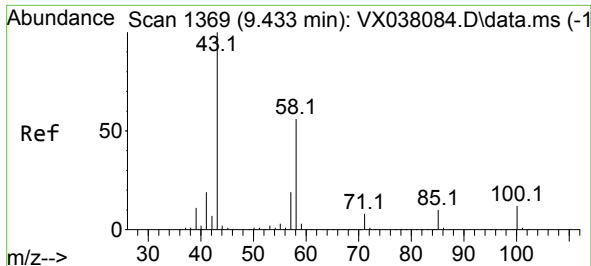
Tgt Ion: 98 Resp: 236426
Ion Ratio Lower Upper
98 100
100 63.1 53.1 79.7



#51
4-Methyl-2-Pentanone
Concen: 0.472 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.073 min
Lab File: VX038178.D
Acq: 09 Oct 2023 17:42

Tgt Ion: 43 Resp: 1080
Ion Ratio Lower Upper
43 100
58 182.1 30.4 45.6#

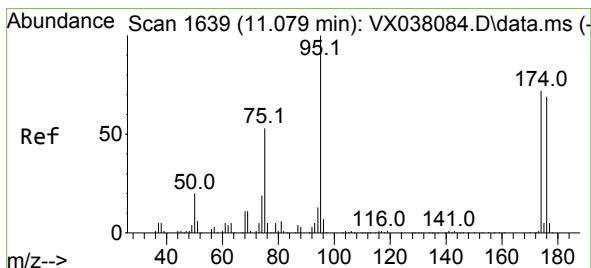
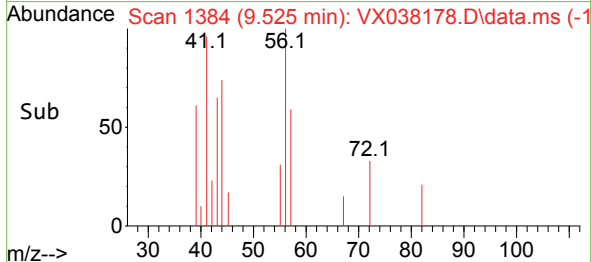
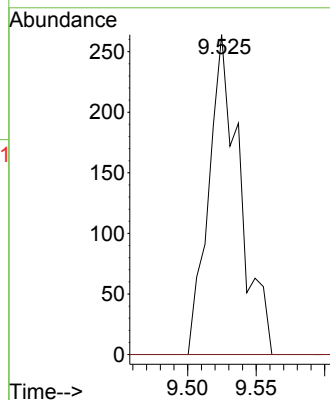
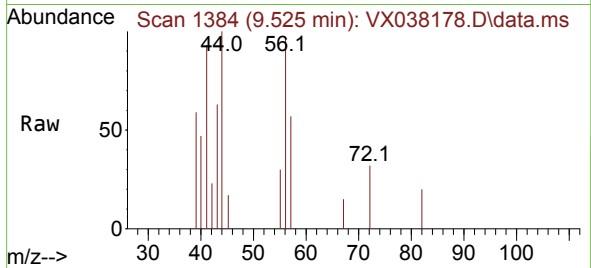




#59
2-Hexanone
Concen: 0.227 ug/l
RT: 9.525 min Scan# 11
Delta R.T. 0.092 min
Lab File: VX038178.D
Acq: 09 Oct 2023 17:42

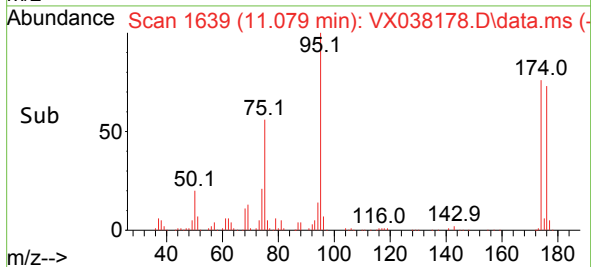
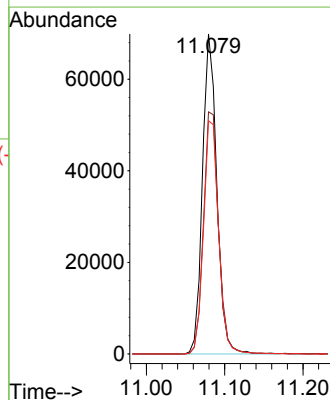
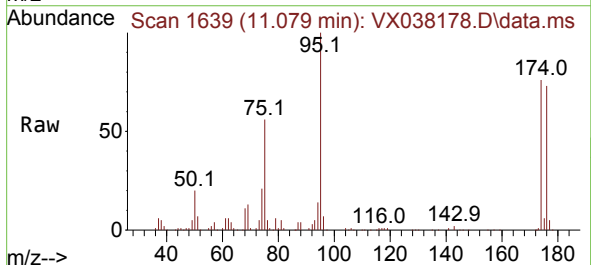
Instrument :
MSVOA_X
ClientSampleId :

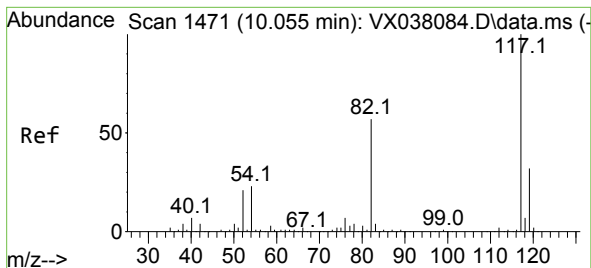
Tgt Ion: 43 Resp: 417
Ion Ratio Lower Upper
43 100
58 0.0 26.2 78.5#



#62
4-Bromofluorobenzene
Concen: 45.143 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX038178.D
Acq: 09 Oct 2023 17:42

Tgt Ion: 95 Resp: 88736
Ion Ratio Lower Upper
95 100
174 79.9 0.0 135.6
176 76.7 0.0 131.0

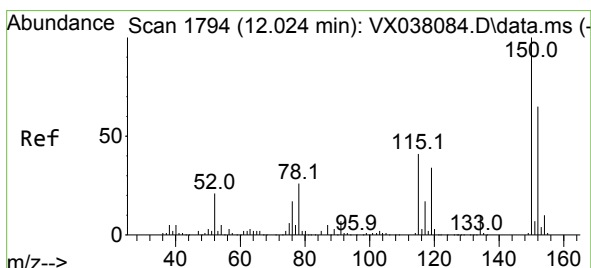
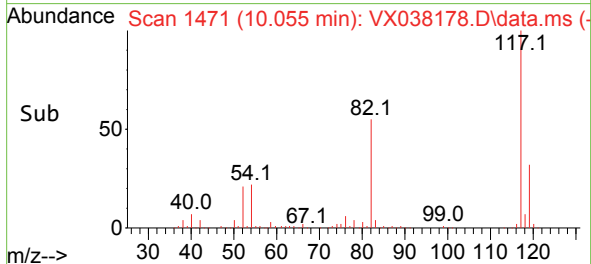
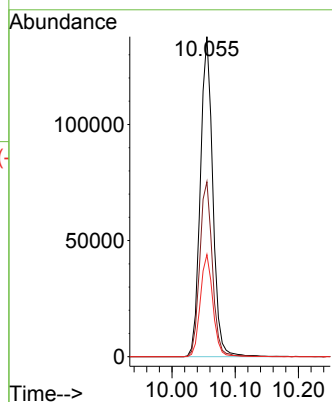
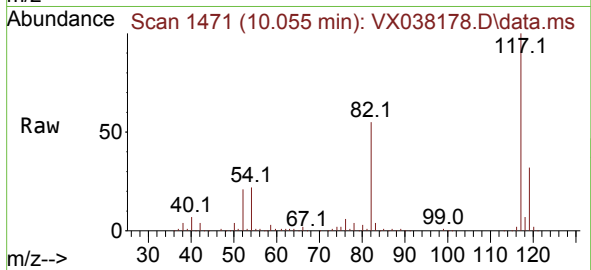




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX038178.D
Acq: 09 Oct 2023 17:42

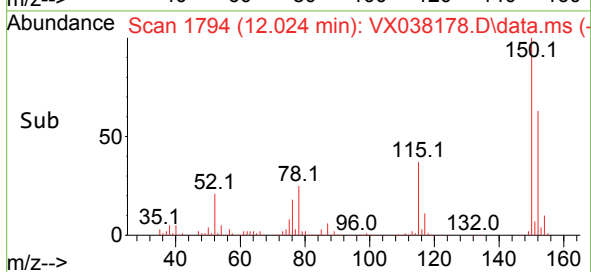
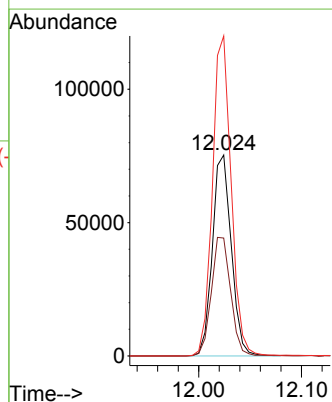
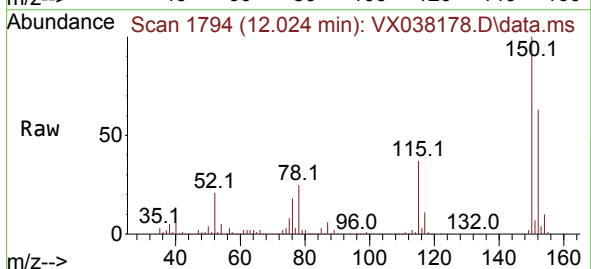
Instrument :
MSVOA_X
ClientSampleId :

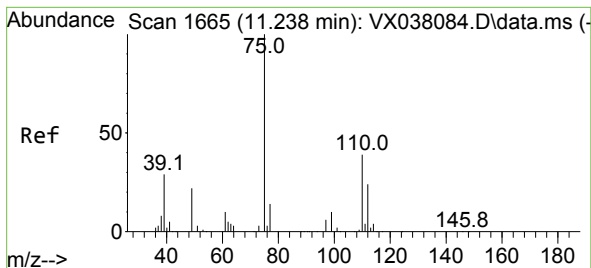
Tgt Ion:117 Resp: 189102
Ion Ratio Lower Upper
117 100
82 54.6 46.2 69.4
119 31.9 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX038178.D
Acq: 09 Oct 2023 17:42

Tgt Ion:152 Resp: 96635
Ion Ratio Lower Upper
152 100
115 60.2 43.3 129.9
150 157.5 0.0 345.0





#76

1,2,3-Trichloropropane

Concen: 22.830 ug/l

RT: 11.079 min Scan# 1

Delta R.T. -0.159 min

Lab File: VX038178.D

Acq: 09 Oct 2023 17:42

Instrument :

MSVOA_X

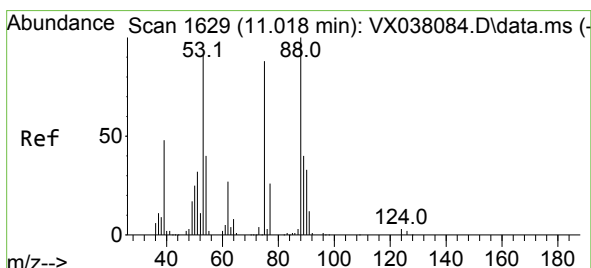
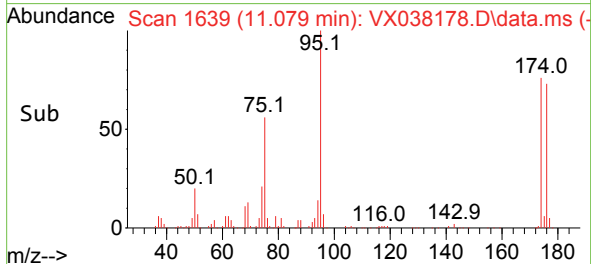
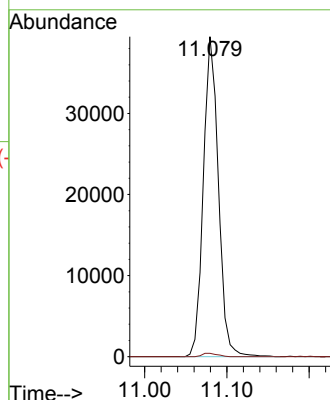
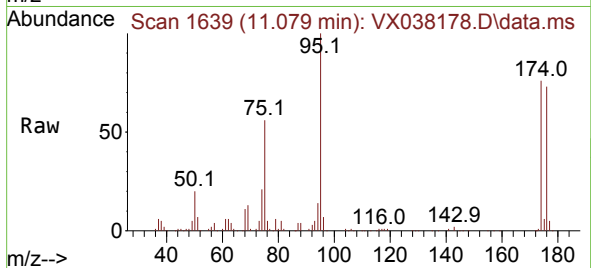
ClientSampleId :

Tgt Ion: 75 Resp: 50154

Ion Ratio Lower Upper

75 100

77 1.1 19.1 57.5#



#81

trans-1,4-Dichloro-2-butene

Concen: 65.317 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX038178.D

Acq: 09 Oct 2023 17:42

Tgt Ion: 75 Resp: 50154

Ion Ratio Lower Upper

75 100

53 0.0 90.5 135.7#

89 0.0 36.9 55.3#

