

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX110923\
 Data File : VX038700.D
 Acq On : 10 Nov 2023 03:31
 Operator : JC/MD
 Sample : 05316-02 50X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Nov 10 05:27:38 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)

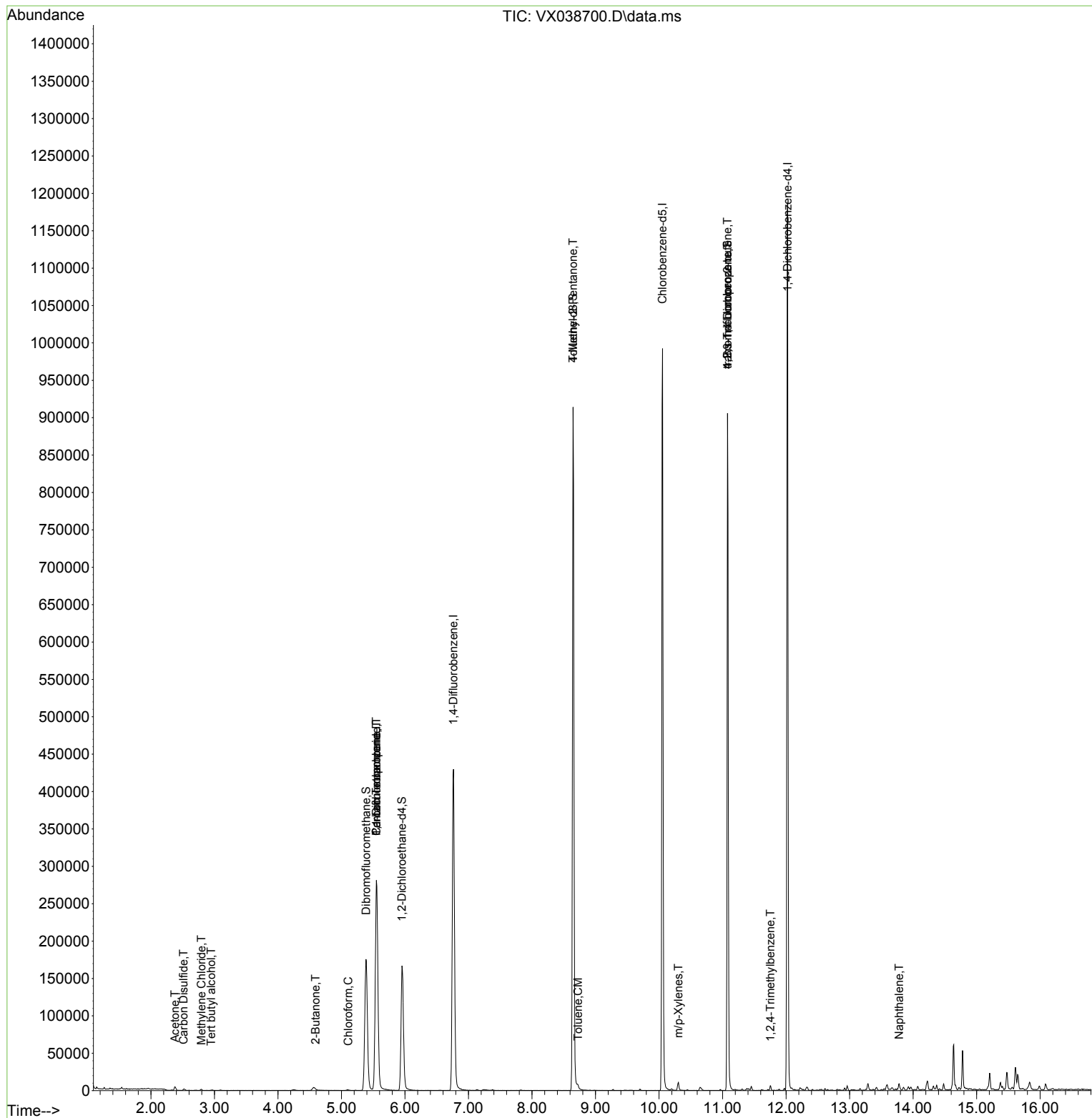
Internal Standards						
1) Pentafluorobenzene	5.550	168	291378	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	482835	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	501029	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	283767	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	167248	46.105	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	92.200%
35) Dibromofluoromethane	5.385	113	156720	45.067	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	90.140%
50) Toluene-d8	8.647	98	574239	46.146	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	92.300%
62) 4-Bromofluorobenzene	11.079	95	239807	49.704	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	99.400%
Target Compounds						
						Qvalue
11) Tert butyl alcohol	2.947	59	228	0.307	ug/l	# 78
16) Acetone	2.380	43	5279	3.455	ug/l	# 81
17) Carbon Disulfide	2.514	76	1522	0.211	ug/l	# 95
20) Methylene Chloride	2.794	84	749	0.243	ug/l	# 96
25) 2-Butanone	4.593	43	837	0.378	ug/l	# 51
30) Chloroform	5.105	83	1152	0.202	ug/l	# 73
36) 1,1-Dichloropropene	5.550	75	19270	4.461	ug/l	# 51
38) Carbon Tetrachloride	5.550	117	27373	5.668	ug/l	# 15
51) 4-Methyl-2-Pentanone	8.647	43	1850	0.419	ug/l	# 1
52) Toluene	8.726	92	1843	0.226	ug/l	90
68) m/p-Xylenes	10.305	106	2870	0.419	ug/l	88
76) 1,2,3-Trichloropropane	11.079	75	115706	20.588	ug/l	# 39
81) trans-1,4-Dichloro-2-b...	11.079	75	115706	62.722	ug/l	# 5
84) 1,2,4-Trimethylbenzene	11.756	105	3530	0.238	ug/l	99
95) Naphthalene	13.780	128	6402	0.333	ug/l	96

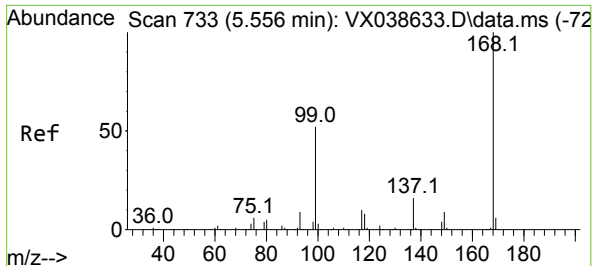
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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MSVOA_X
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Quant Time: Nov 10 05:27:38 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

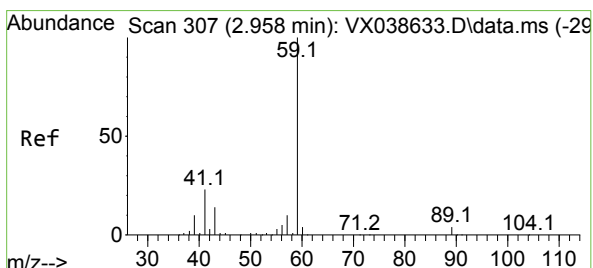
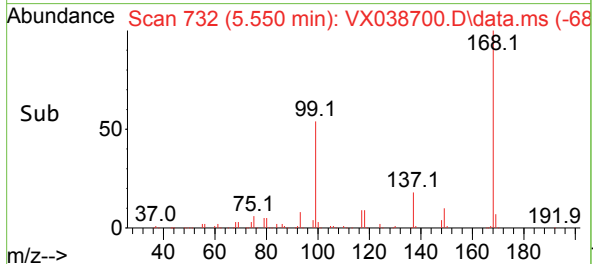
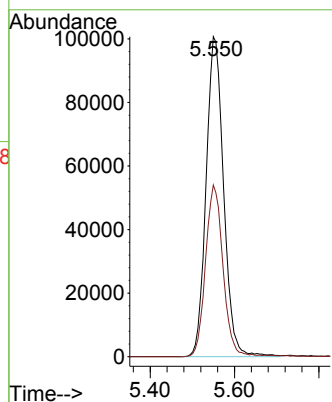
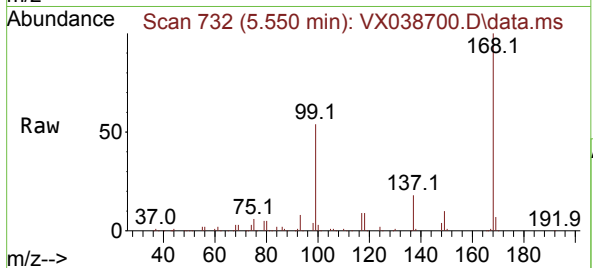




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX038700.D
Acq: 10 Nov 2023 03:31

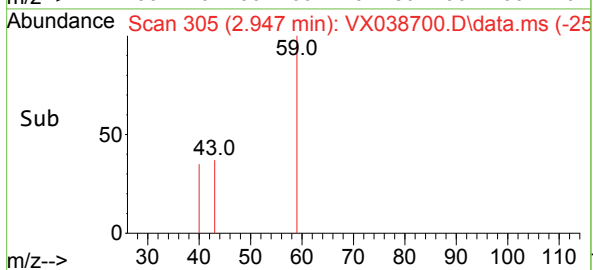
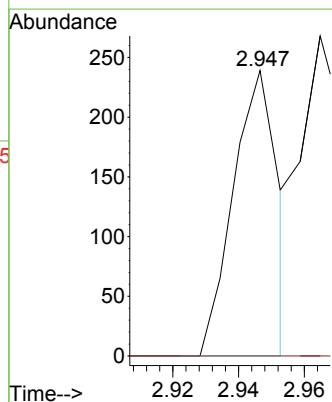
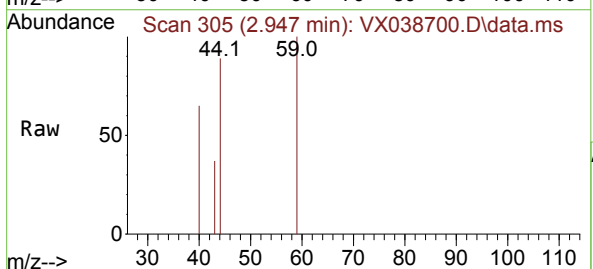
Instrument :
MSVOA_X
ClientSampleId :

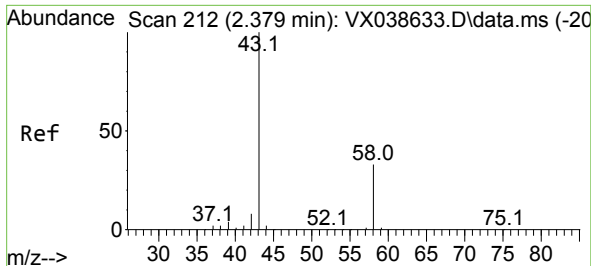
Tgt Ion:168 Resp: 291378
Ion Ratio Lower Upper
168 100
99 53.7 56.6 85.0#



#11
Tert butyl alcohol
Concen: 0.307 ug/l
RT: 2.947 min Scan# 305
Delta R.T. -0.012 min
Lab File: VX038700.D
Acq: 10 Nov 2023 03:31

Tgt Ion: 59 Resp: 228
Ion Ratio Lower Upper
59 100
57 0.0 6.0 9.0#

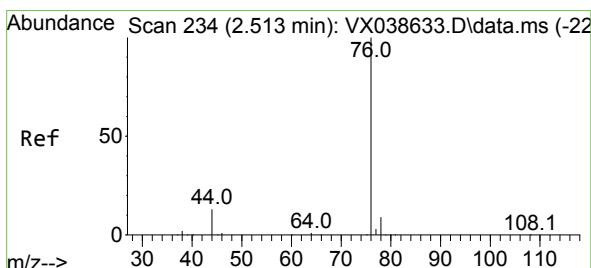
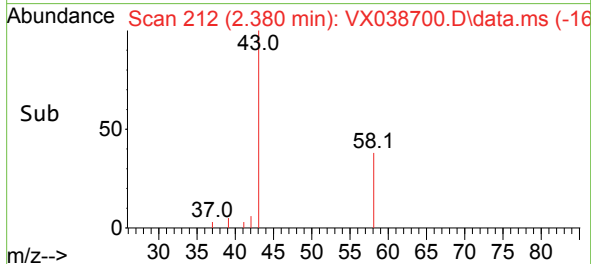
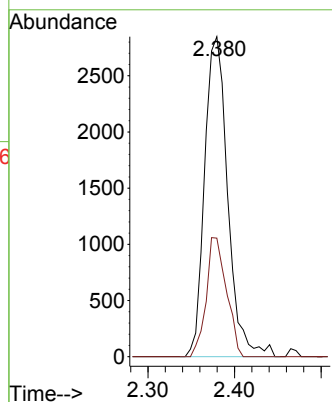
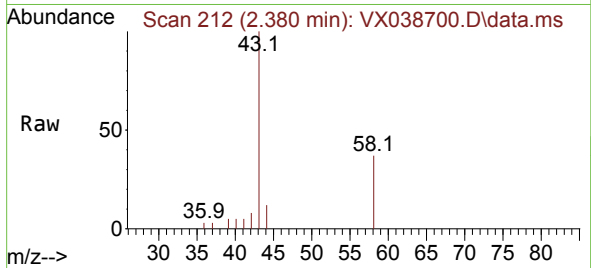




#16
Acetone
Concen: 3.455 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.000 min
Lab File: VX038700.D
Acq: 10 Nov 2023 03:31

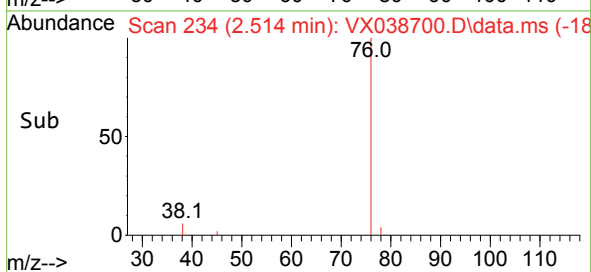
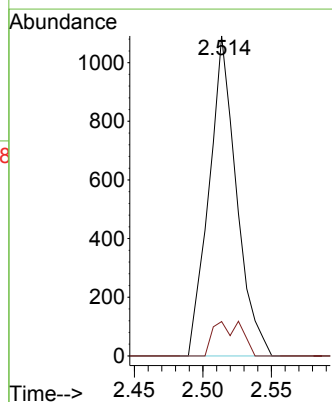
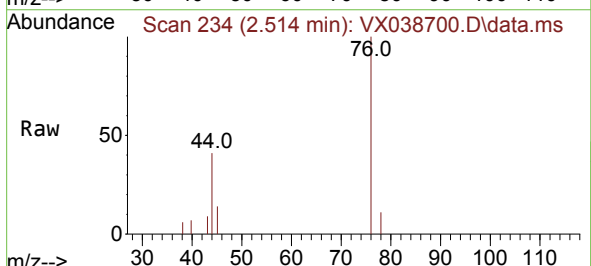
Instrument :
MSVOA_X
ClientSampleId :

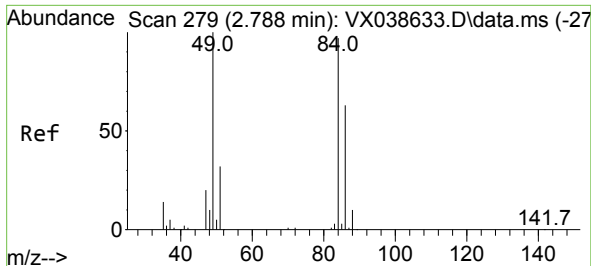
Tgt Ion: 43 Resp: 5279
Ion Ratio Lower Upper
43 100
58 37.0 21.9 32.9#



#17
Carbon Disulfide
Concen: 0.211 ug/l
RT: 2.514 min Scan# 234
Delta R.T. 0.000 min
Lab File: VX038700.D
Acq: 10 Nov 2023 03:31

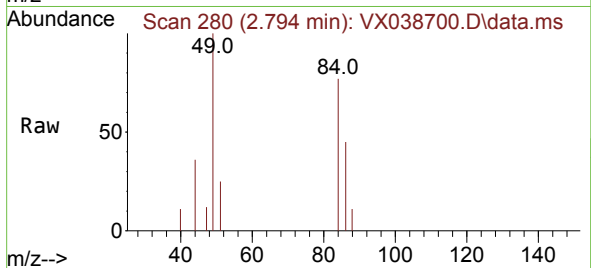
Tgt Ion: 76 Resp: 1522
Ion Ratio Lower Upper
76 100
78 10.7 7.0 10.6#



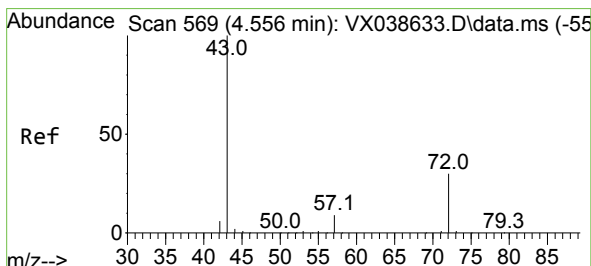
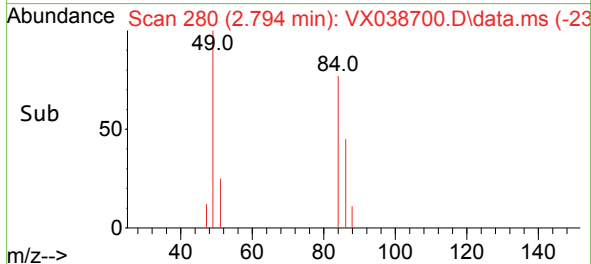
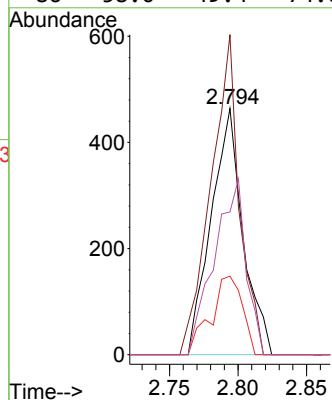


#20
Methylene Chloride
Concen: 0.243 ug/l
RT: 2.794 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX038700.D
Acq: 10 Nov 2023 03:31

Instrument :
MSVOA_X
ClientSampleId :

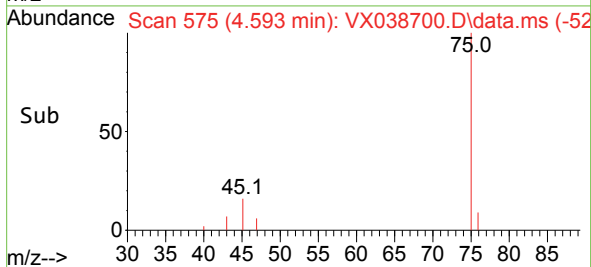
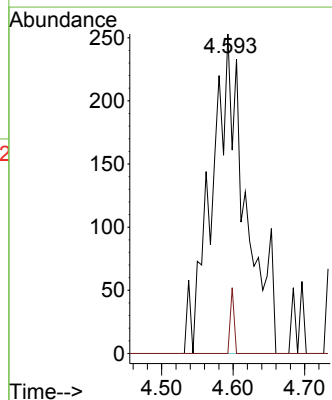
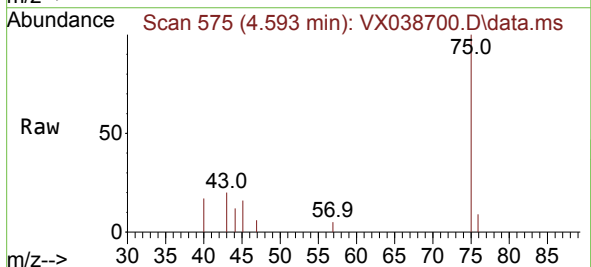


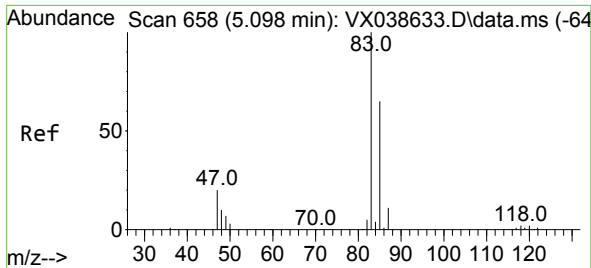
Tgt Ion: 84	Resp: 749
Ion Ratio	Lower Upper
84 100	
49 130.0	103.6 155.4
51 31.9	33.8 50.6#
86 58.0	49.4 74.0



#25
2-Butanone
Concen: 0.378 ug/l
RT: 4.593 min Scan# 575
Delta R.T. 0.037 min
Lab File: VX038700.D
Acq: 10 Nov 2023 03:31

Tgt Ion: 43	Resp: 837
Ion Ratio	Lower Upper
43 100	
72 0.0	19.4 29.2#

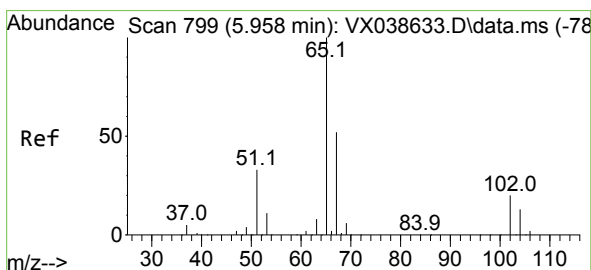
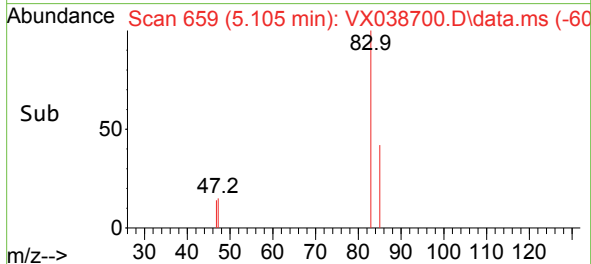
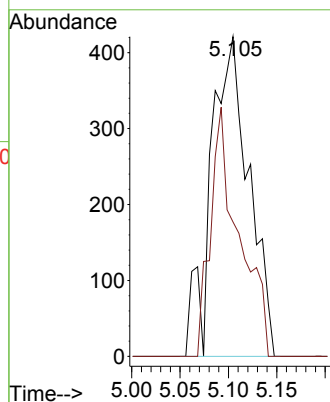
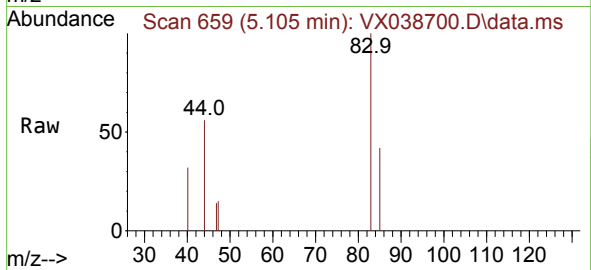




#30
Chloroform
Concen: 0.202 ug/l
RT: 5.105 min Scan# 61
Delta R.T. 0.006 min
Lab File: VX038700.D
Acq: 10 Nov 2023 03:31

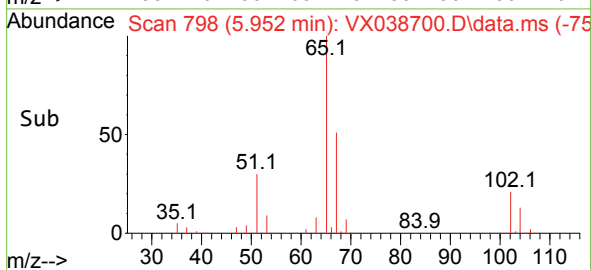
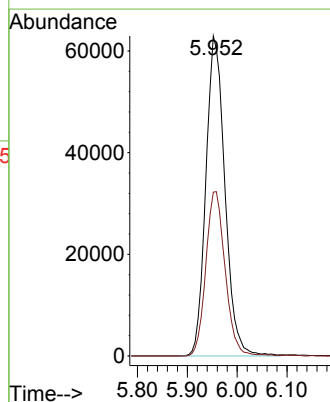
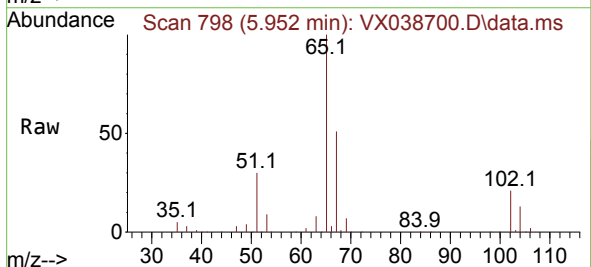
Instrument :
MSVOA_X
ClientSampleId :

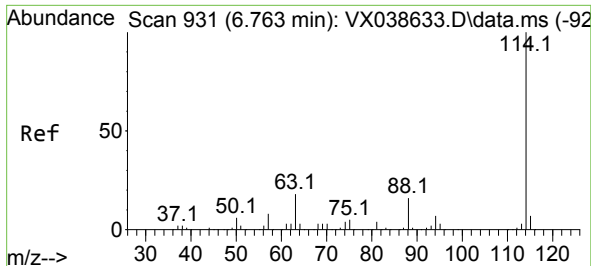
Tgt Ion: 83 Resp: 1152
Ion Ratio Lower Upper
83 100
85 42.0 50.3 75.5#



#33
1,2-Dichloroethane-d4
Concen: 46.105 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.006 min
Lab File: VX038700.D
Acq: 10 Nov 2023 03:31

Tgt Ion: 65 Resp: 167248
Ion Ratio Lower Upper
65 100
67 52.1 0.0 100.2

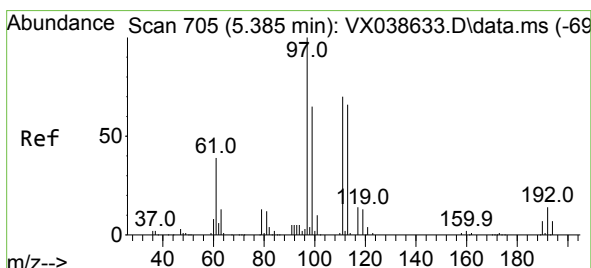
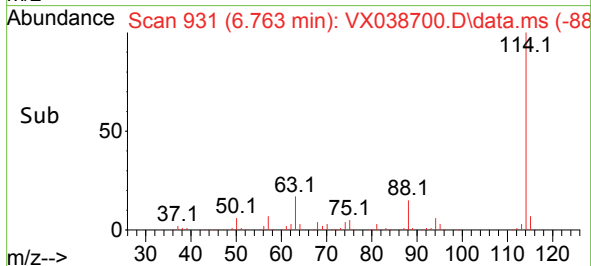
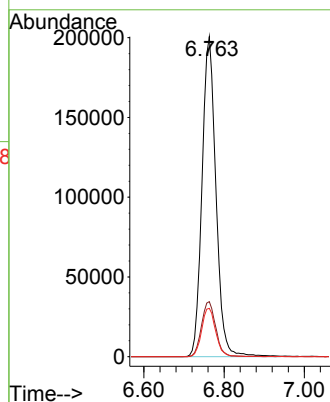
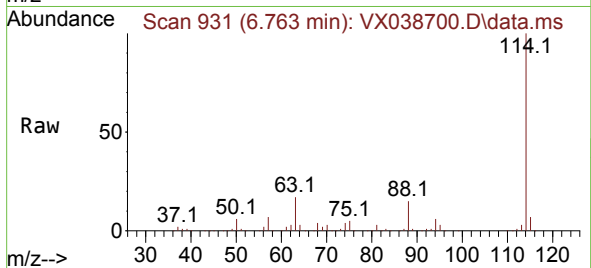




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. 0.000 min
Lab File: VX038700.D
Acq: 10 Nov 2023 03:31

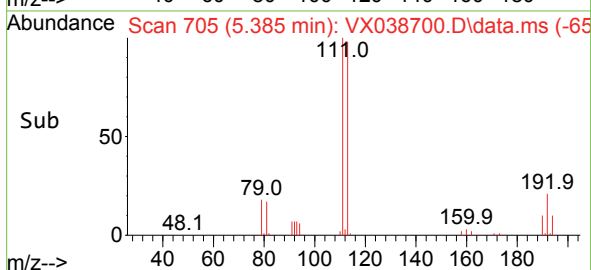
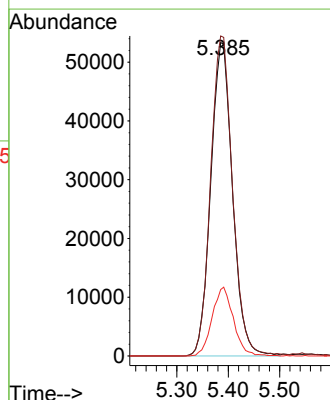
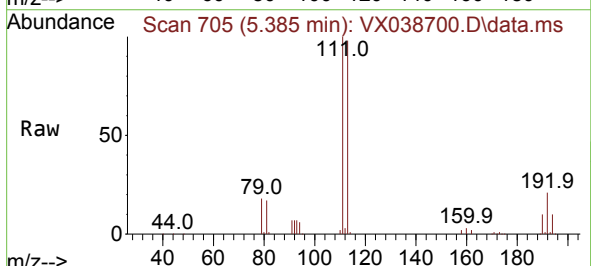
Instrument :
MSVOA_X
ClientSampleId :

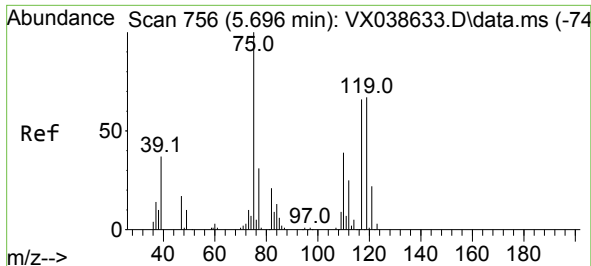
Tgt Ion:114 Resp: 482835
Ion Ratio Lower Upper
114 100
63 17.2 0.0 45.0
88 15.1 0.0 36.6



#35
Dibromofluoromethane
Concen: 45.067 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX038700.D
Acq: 10 Nov 2023 03:31

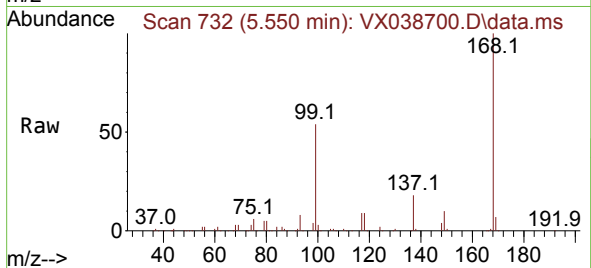
Tgt Ion:113 Resp: 156720
Ion Ratio Lower Upper
113 100
111 102.8 82.9 124.3
192 21.5 13.3 19.9#



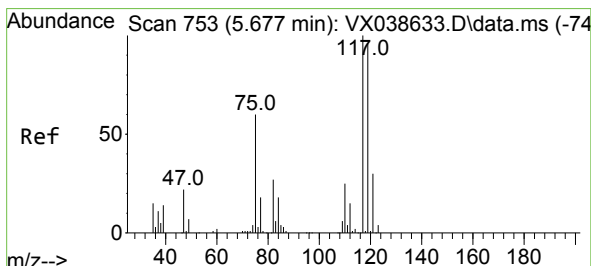
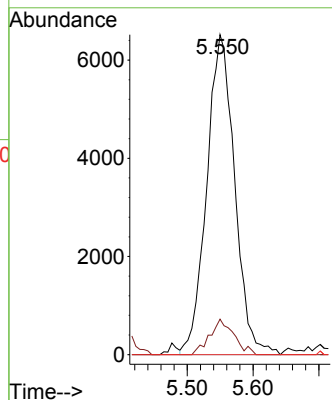
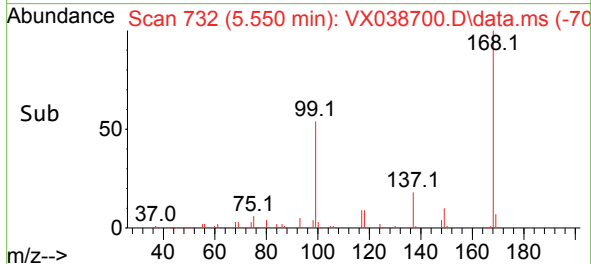


#36
1,1-Dichloropropene
Concen: 4.461 ug/l
RT: 5.550 min Scan# 712
Delta R.T. -0.146 min
Lab File: VX038700.D
Acq: 10 Nov 2023 03:31

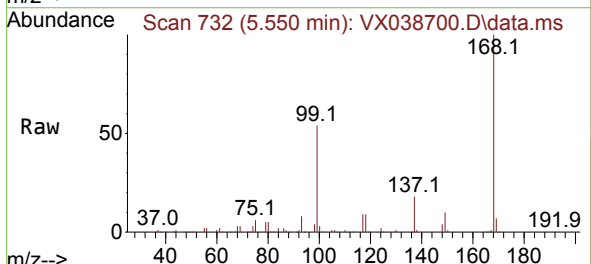
Instrument :
MSVOA_X
ClientSampleId :



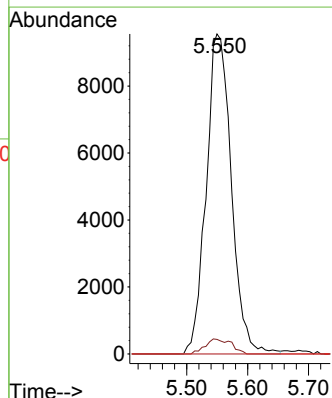
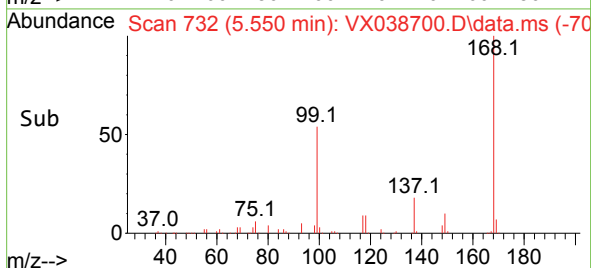
Tgt Ion: 75 Resp: 19270
Ion Ratio Lower Upper
75 100
110 9.6 17.0 50.9#
77 0.0 24.7 37.1#

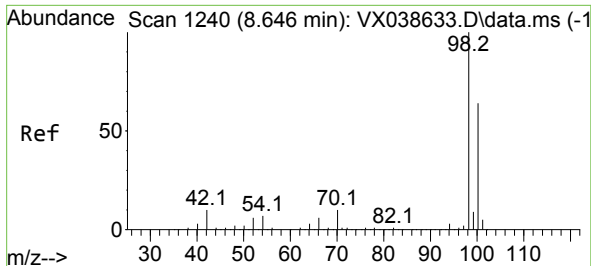


#38
Carbon Tetrachloride
Concen: 5.668 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.128 min
Lab File: VX038700.D
Acq: 10 Nov 2023 03:31



Tgt Ion: 117 Resp: 27373
Ion Ratio Lower Upper
117 100
119 4.6 78.2 117.2#
121 0.0 24.4 36.6#

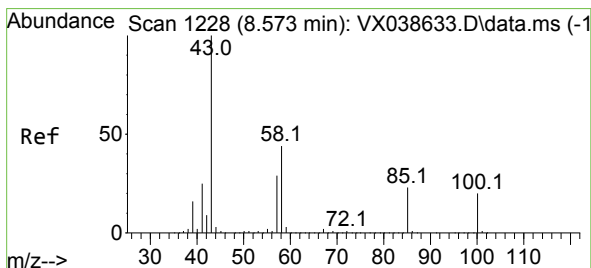
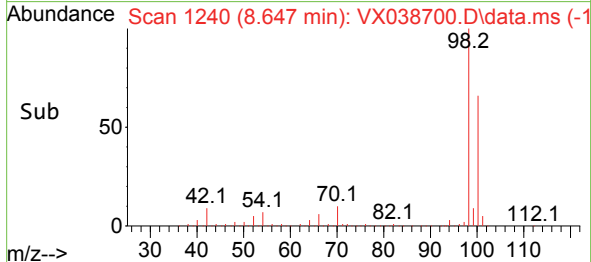
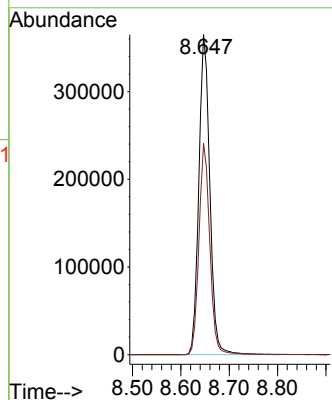
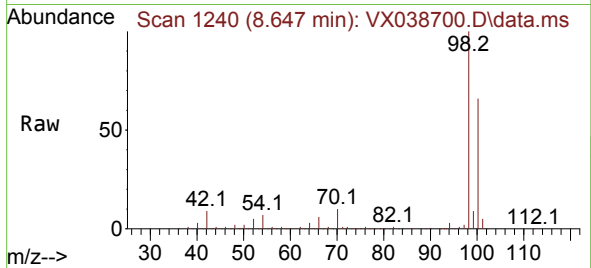




#50
Toluene-d8
Concen: 46.146 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX038700.D
Acq: 10 Nov 2023 03:31

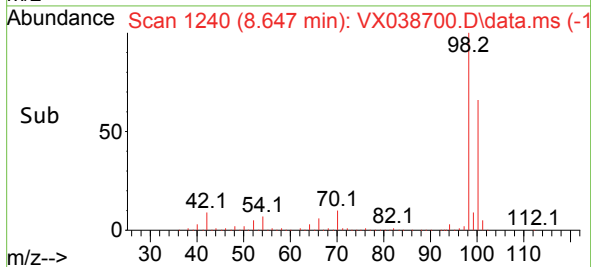
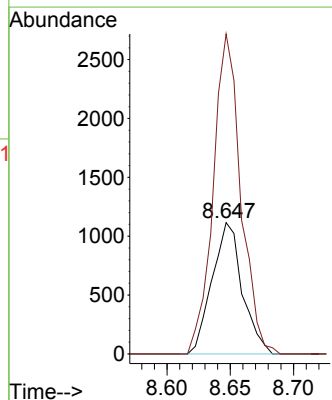
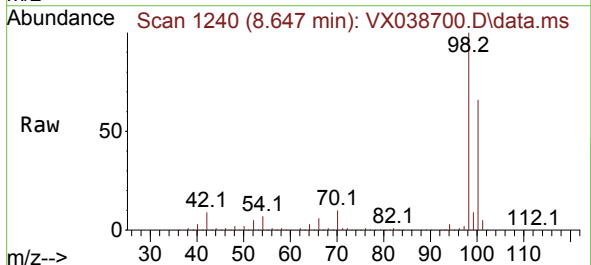
Instrument :
MSVOA_X
ClientSampleId :

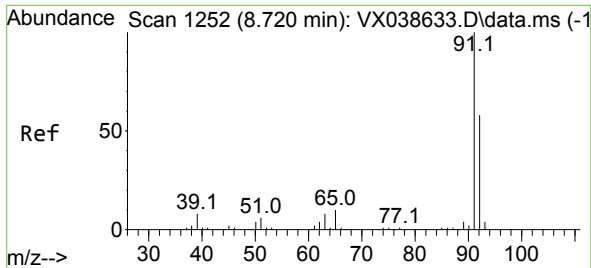
Tgt Ion: 98 Resp: 574239
Ion Ratio Lower Upper
98 100
100 65.4 53.1 79.7



#51
4-Methyl-2-Pentanone
Concen: 0.419 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.073 min
Lab File: VX038700.D
Acq: 10 Nov 2023 03:31

Tgt Ion: 43 Resp: 1850
Ion Ratio Lower Upper
43 100
58 223.2 30.4 45.6#

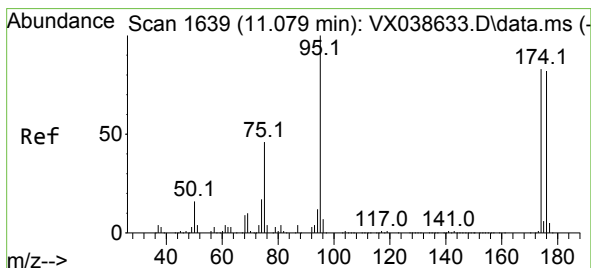
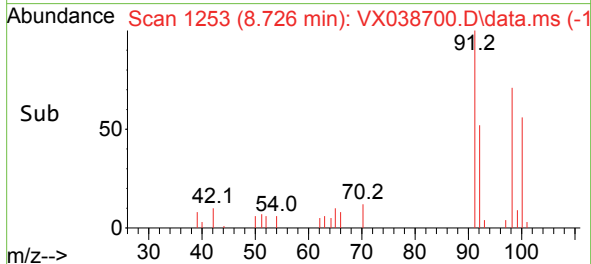
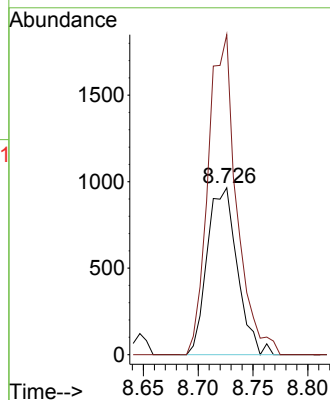
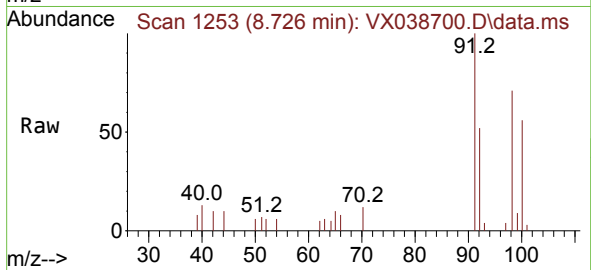




#52
Toluene
Concen: 0.226 ug/l
RT: 8.726 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX038700.D
Acq: 10 Nov 2023 03:31

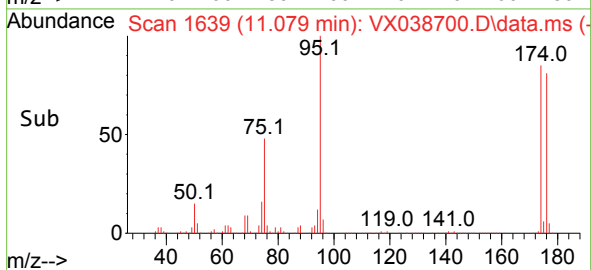
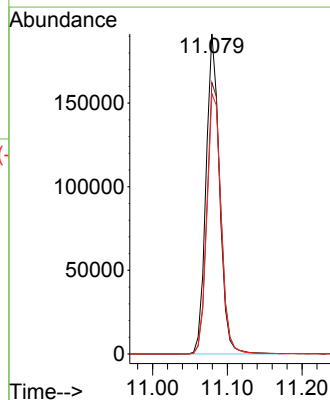
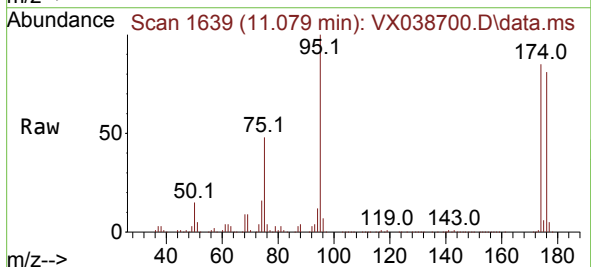
Instrument :
MSVOA_X
ClientSampleId :

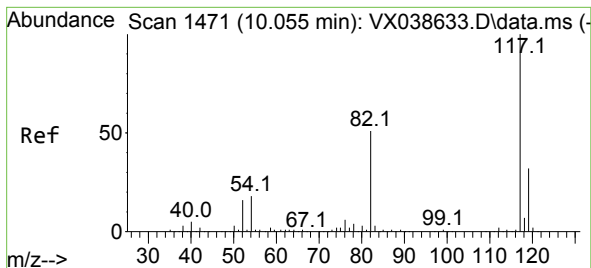
Tgt Ion: 92 Resp: 1843
Ion Ratio Lower Upper
92 100
91 181.0 134.2 201.2



#62
4-Bromofluorobenzene
Concen: 49.704 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX038700.D
Acq: 10 Nov 2023 03:31

Tgt Ion: 95 Resp: 239807
Ion Ratio Lower Upper
95 100
174 88.6 0.0 135.6
176 85.4 0.0 131.0

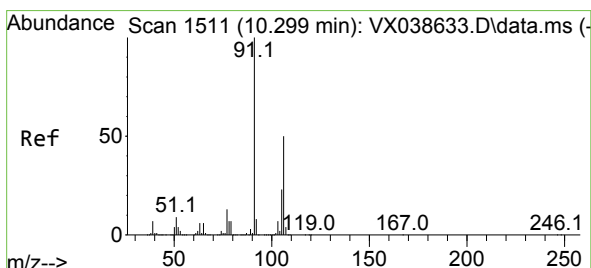
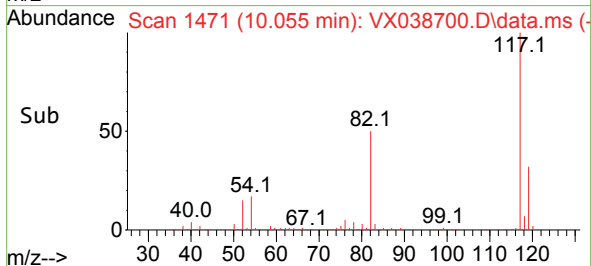
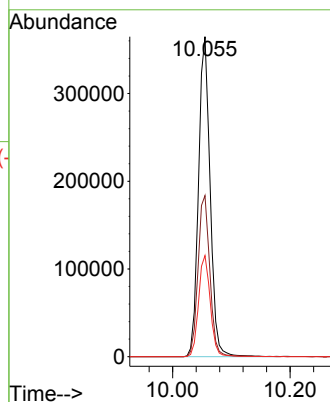
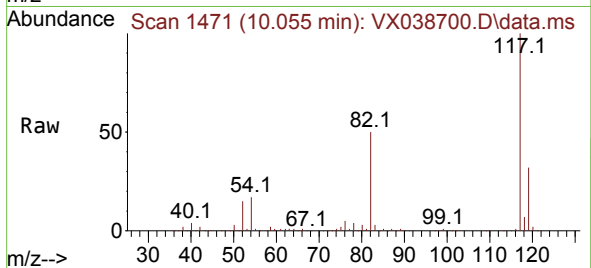




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX038700.D
Acq: 10 Nov 2023 03:31

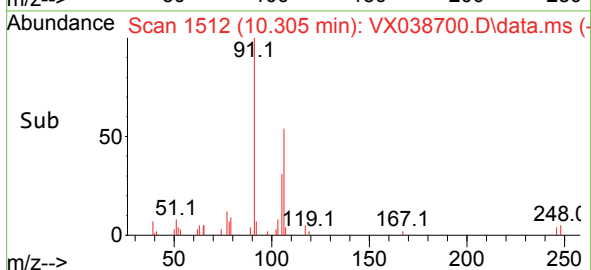
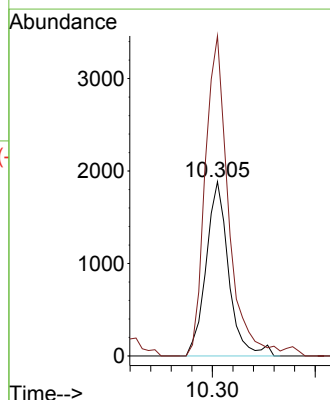
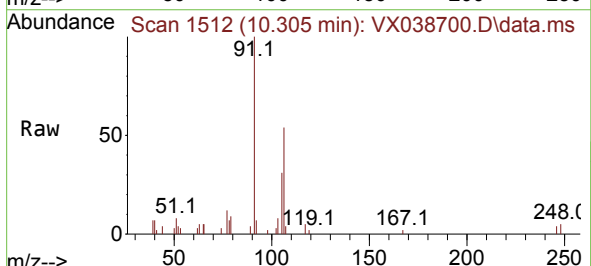
Instrument :
MSVOA_X
ClientSampleId :

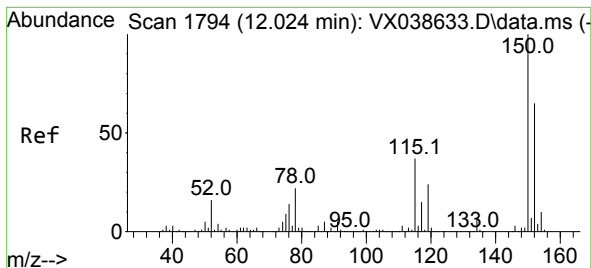
Tgt Ion:117 Resp: 501029
Ion Ratio Lower Upper
117 100
82 50.4 46.2 69.4
119 31.6 25.5 38.3



#68
m/p-Xylenes
Concen: 0.419 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.006 min
Lab File: VX038700.D
Acq: 10 Nov 2023 03:31

Tgt Ion:106 Resp: 2870
Ion Ratio Lower Upper
106 100
91 188.9 165.5 248.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX038700.D

Acq: 10 Nov 2023 03:31

Instrument :

MSVOA_X

ClientSampleId :

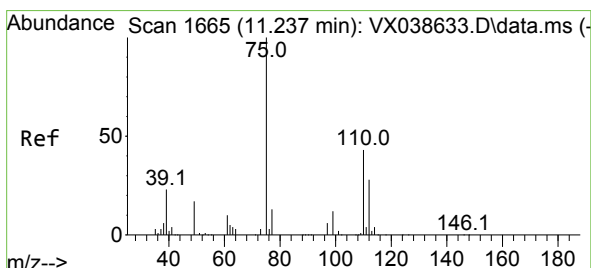
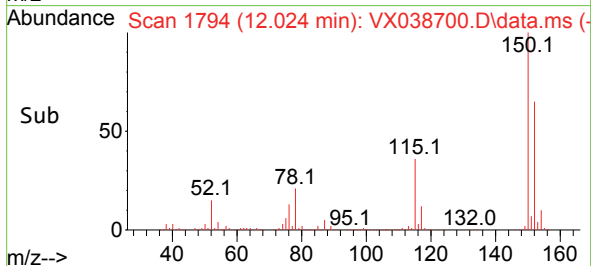
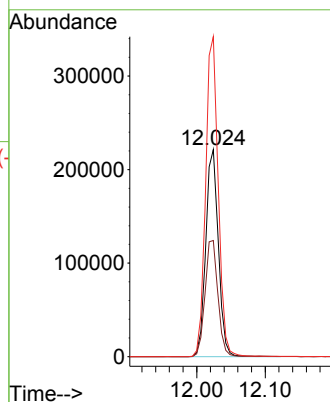
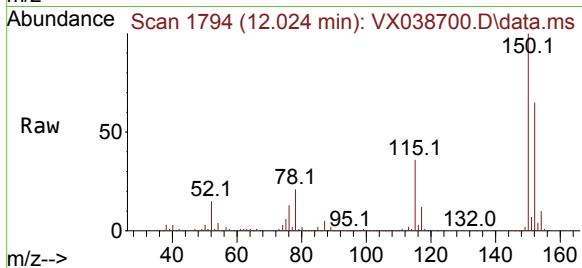
Tgt Ion:152 Resp: 283767

Ion Ratio Lower Upper

152 100

115 57.5 43.3 129.9

150 154.7 0.0 345.0



#76

1,2,3-Trichloropropane

Concen: 20.588 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.158 min

Lab File: VX038700.D

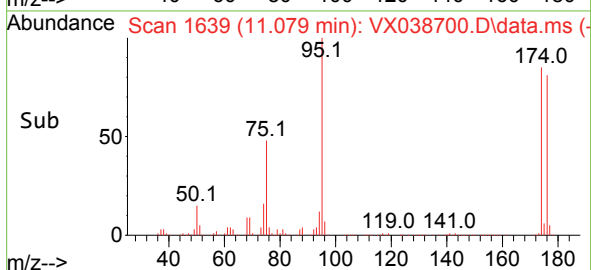
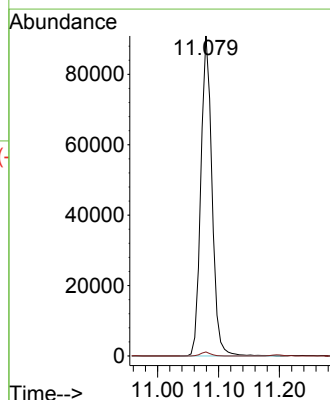
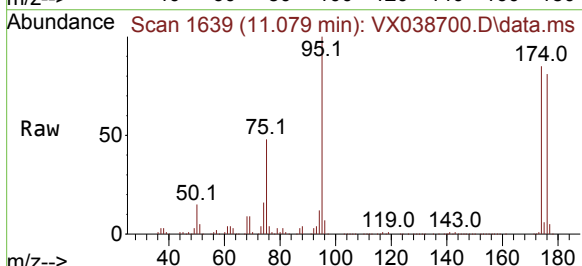
Acq: 10 Nov 2023 03:31

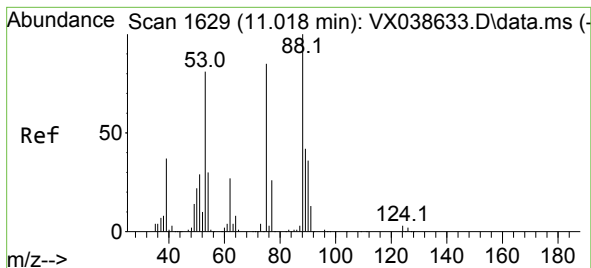
Tgt Ion: 75 Resp: 115706

Ion Ratio Lower Upper

75 100

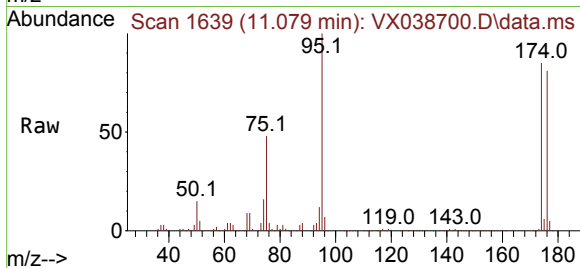
77 1.1 19.1 57.5#



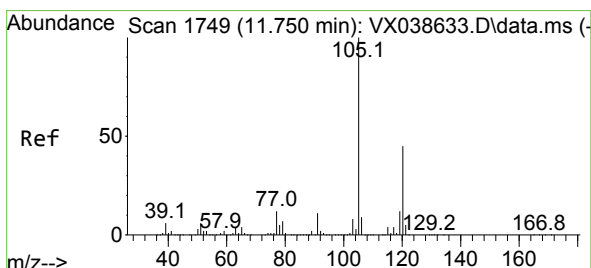
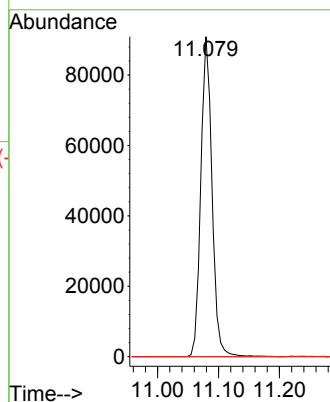
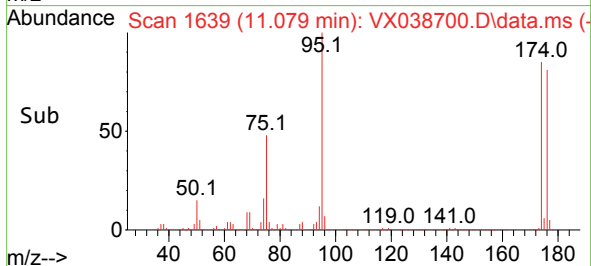


#81
trans-1,4-Dichloro-2-butene
Concen: 62.722 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX038700.D
Acq: 10 Nov 2023 03:31

Instrument :
MSVOA_X
ClientSampleId :

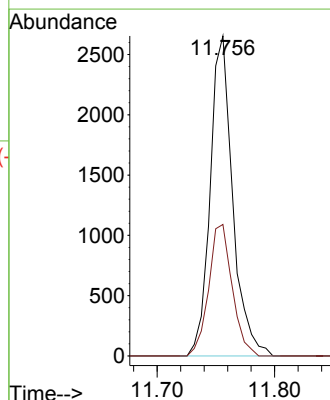
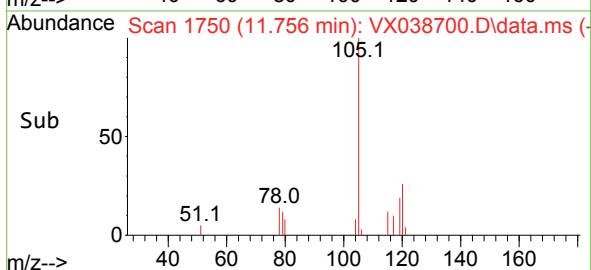
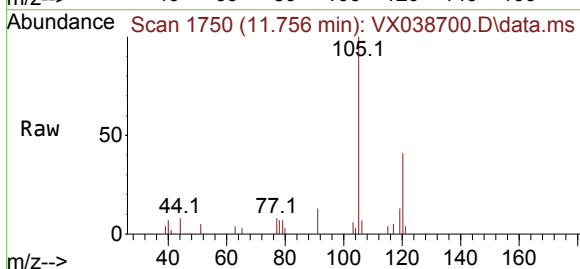


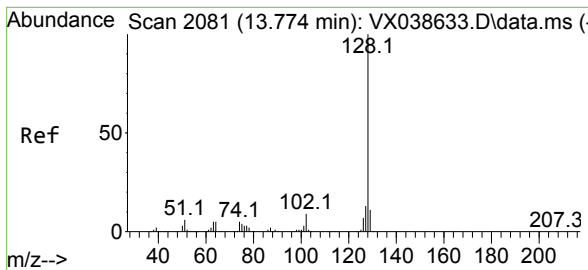
Tgt Ion: 75 Resp: 115706
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 36.9 55.3#



#84
1,2,4-Trimethylbenzene
Concen: 0.238 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. 0.006 min
Lab File: VX038700.D
Acq: 10 Nov 2023 03:31

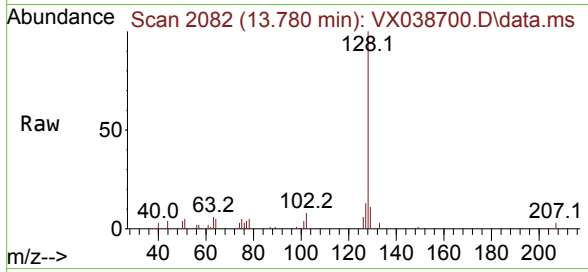
Tgt Ion: 105 Resp: 3530
Ion Ratio Lower Upper
105 100
120 42.9 21.2 63.6





#95
 Naphthalene
 Concen: 0.333 ug/l
 RT: 13.780 min Scan# 2082
 Delta R.T. 0.006 min
 Lab File: VX038700.D
 Acq: 10 Nov 2023 03:31

Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion:	128	Resp:	6402
Ion Ratio	100	Lower	Upper
128	100		
127	14.1	10.3	15.5
129	12.7	8.8	13.2

