

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX110923\
 Data File : VX038696.D
 Acq On : 10 Nov 2023 01:38
 Operator : JC/MD
 Sample : VX1109WBL02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 34 Sample Multiplier: 1

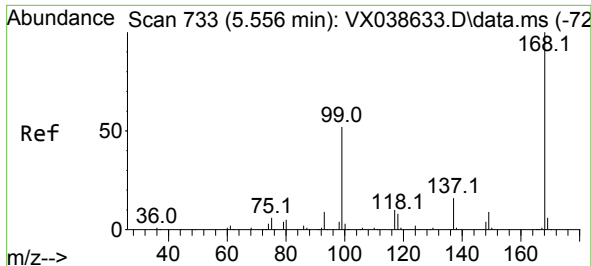
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1109WBL02

Quant Time: Nov 10 05:11:16 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	301658	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	495348	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	520987	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	323285	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	173061	46.082	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	92.160%
35) Dibromofluoromethane	5.385	113	170962	47.920	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.840%
50) Toluene-d8	8.647	98	567594	44.460	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	88.920%#
62) 4-Bromofluorobenzene	11.079	95	270702	54.690	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	109.380%
Target Compounds						
					Qvalue	
13) Acrolein	2.233	56	123	0.211	ug/l	# 25
16) Acetone	2.374	43	639	0.404	ug/l	# 82
17) Carbon Disulfide	2.514	76	2197	0.294	ug/l	# 89
20) Methylene Chloride	2.788	84	1278	0.401	ug/l	# 74
30) Chloroform	5.093	83	1287	0.218	ug/l	# 85
36) 1,1-Dichloropropene	5.550	75	20058	4.526	ug/l	# 52
38) Carbon Tetrachloride	5.550	117	28308	5.714	ug/l	# 16
51) 4-Methyl-2-Pentanone	8.647	43	1917	0.423	ug/l	# 1
76) 1,2,3-Trichloropropane	11.079	75	129095	20.163	ug/l	# 38
81) trans-1,4-Dichloro-2-b...	11.079	75	129095	61.568	ug/l	# 5
93) 1,2,4-Trichlorobenzene	13.591	180	1478	0.203	ug/l	95

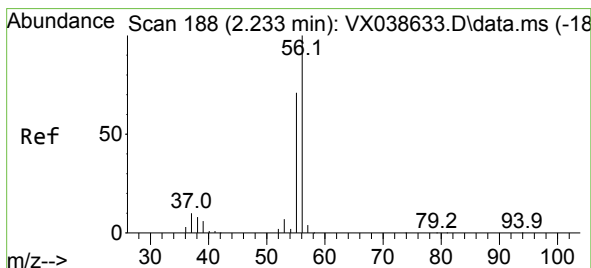
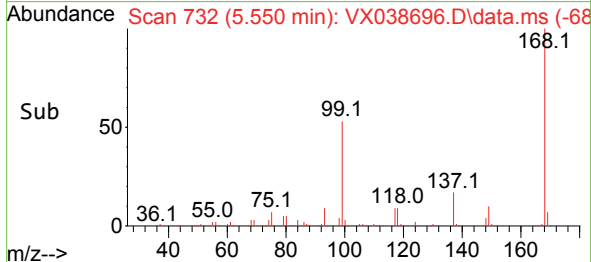
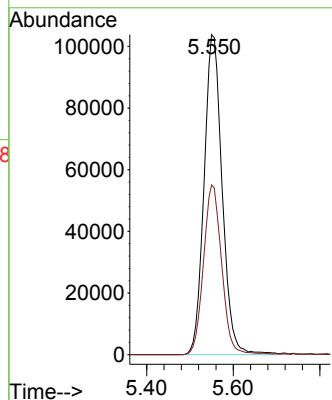
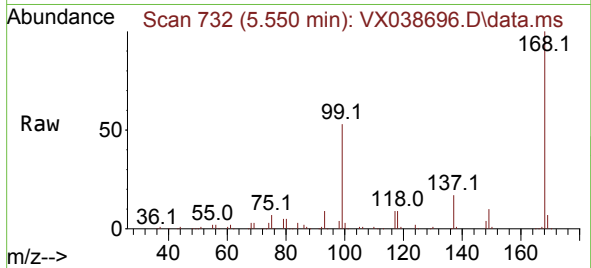
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX038696.D
Acq: 10 Nov 2023 01:38

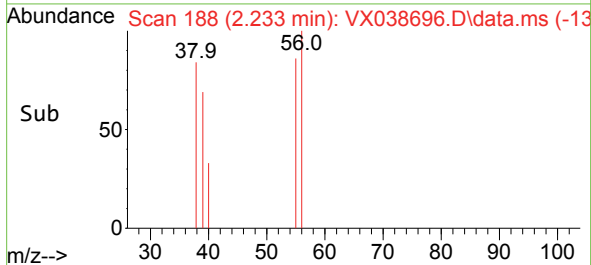
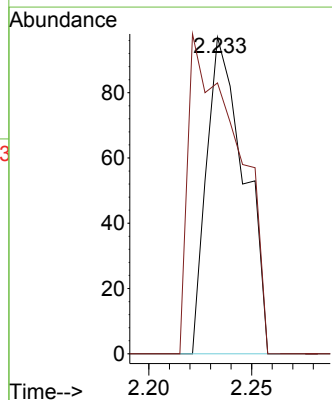
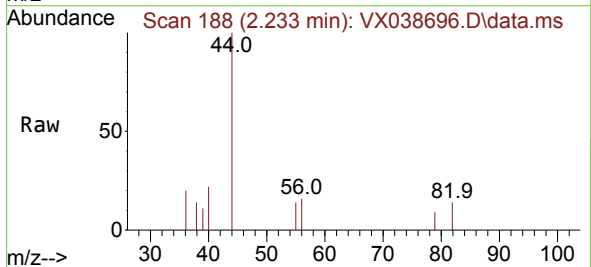
Instrument :
MSVOA_X
ClientSampleId :
VX1109WBL02

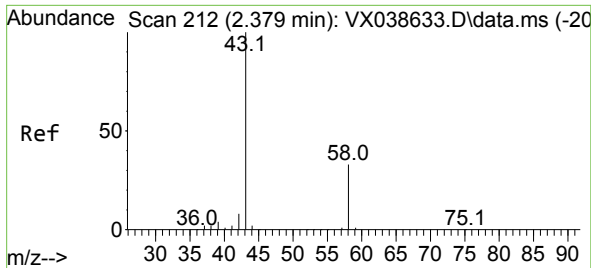
Tgt Ion:168 Resp: 301658
Ion Ratio Lower Upper
168 100
99 53.0 56.6 85.0#



#13
Acrolein
Concen: 0.211 ug/l
RT: 2.233 min Scan# 188
Delta R.T. 0.000 min
Lab File: VX038696.D
Acq: 10 Nov 2023 01:38

Tgt Ion: 56 Resp: 123
Ion Ratio Lower Upper
56 100
55 133.3 57.1 85.7#

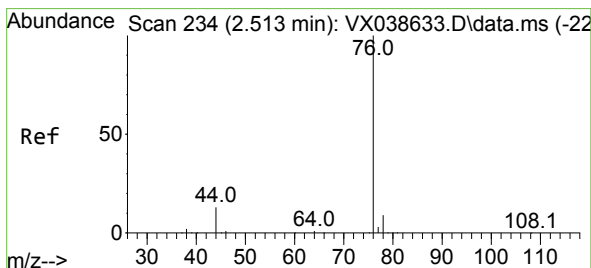
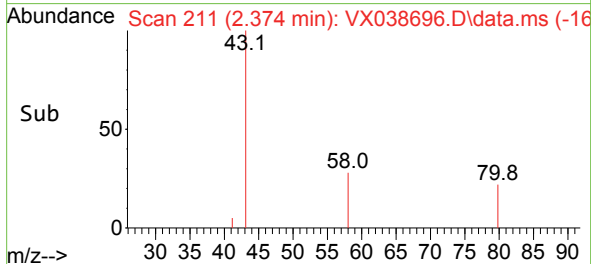
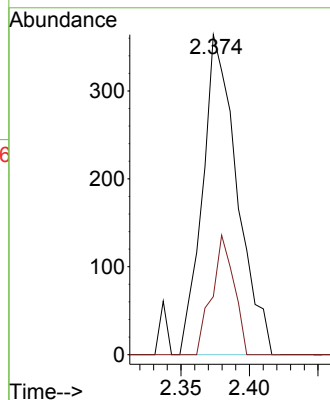
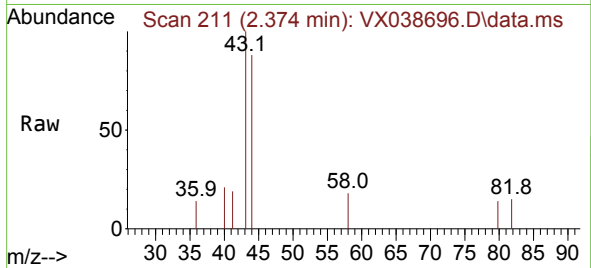




#16
Acetone
Concen: 0.404 ug/l
RT: 2.374 min Scan# 212
Delta R.T. -0.006 min
Lab File: VX038696.D
Acq: 10 Nov 2023 01:38

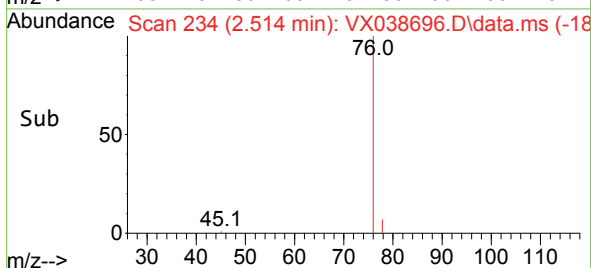
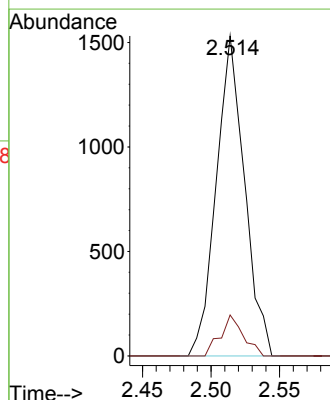
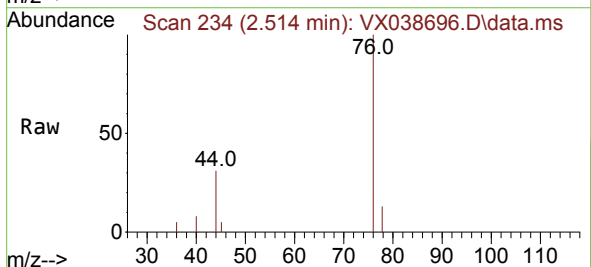
Instrument :
MSVOA_X
ClientSampleId :
VX1109WBL02

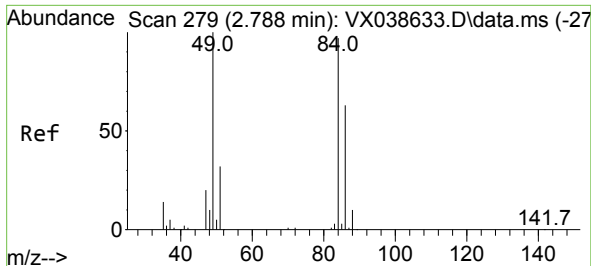
Tgt Ion: 43 Resp: 639
Ion Ratio Lower Upper
43 100
58 18.1 21.9 32.9#



#17
Carbon Disulfide
Concen: 0.294 ug/l
RT: 2.514 min Scan# 234
Delta R.T. 0.000 min
Lab File: VX038696.D
Acq: 10 Nov 2023 01:38

Tgt Ion: 76 Resp: 2197
Ion Ratio Lower Upper
76 100
78 12.8 7.0 10.6#

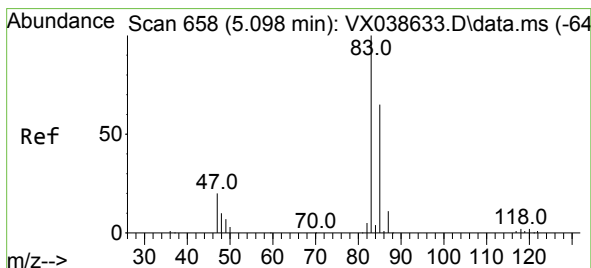
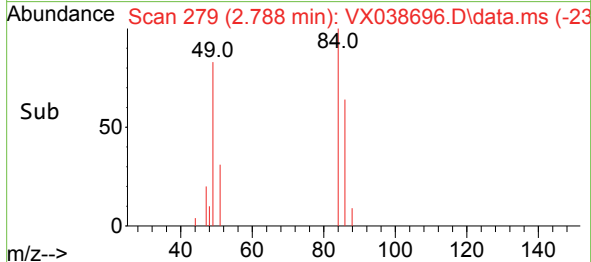
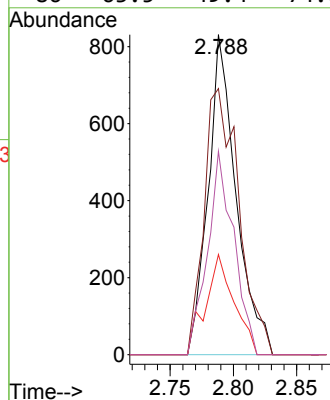
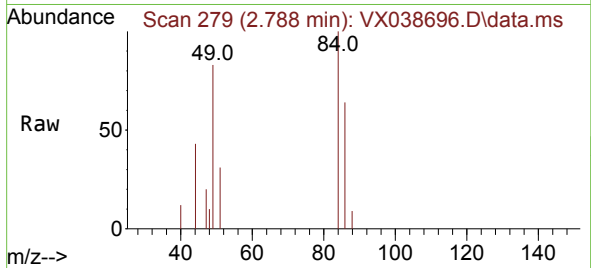




#20
Methylene Chloride
Concen: 0.401 ug/l
RT: 2.788 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX038696.D
Acq: 10 Nov 2023 01:38

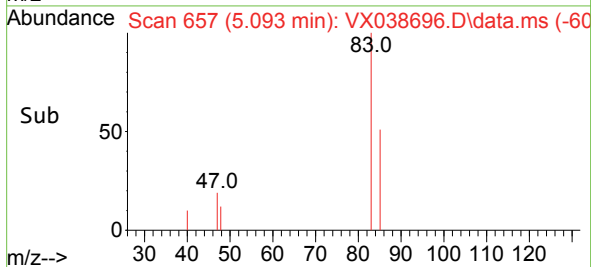
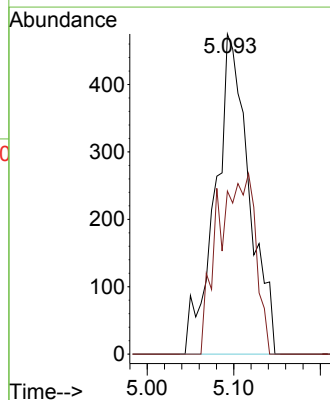
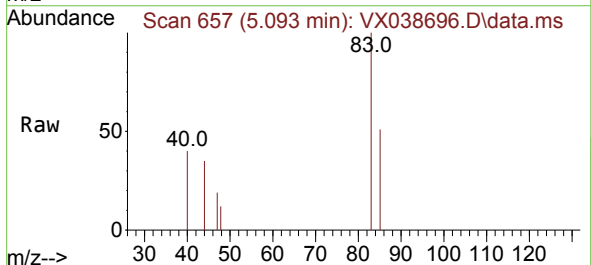
Instrument :
MSVOA_X
ClientSampleId :
VX1109WBL02

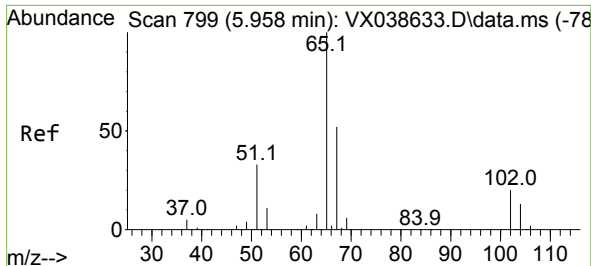
Tgt Ion:	84	Resp:	1278
Ion	Ratio	Lower	Upper
84	100		
49	83.2	103.6	155.4#
51	31.3	33.8	50.6#
86	63.5	49.4	74.0



#30
Chloroform
Concen: 0.218 ug/l
RT: 5.093 min Scan# 657
Delta R.T. -0.006 min
Lab File: VX038696.D
Acq: 10 Nov 2023 01:38

Tgt Ion:	83	Resp:	1287
Ion	Ratio	Lower	Upper
83	100		
85	50.9	50.3	75.5

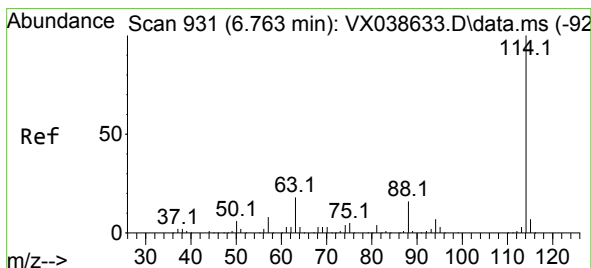
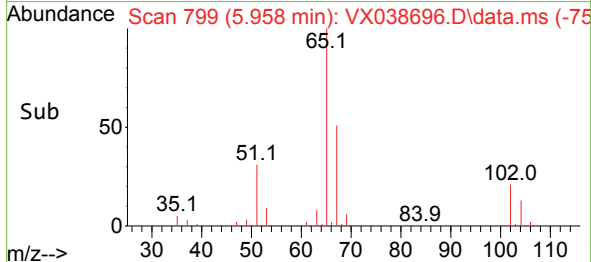
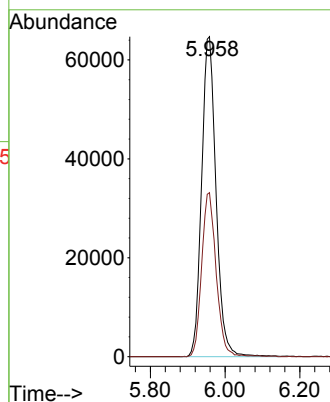
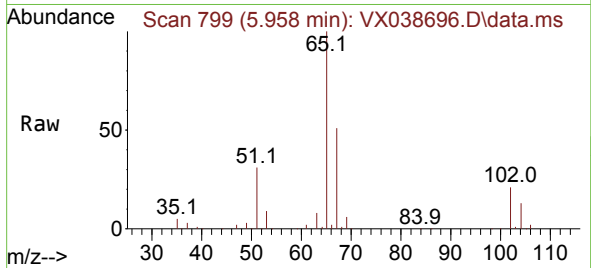




#33
 1,2-Dichloroethane-d4
 Concen: 46.082 ug/l
 RT: 5.958 min Scan# 799
 Delta R.T. 0.000 min
 Lab File: VX038696.D
 Acq: 10 Nov 2023 01:38

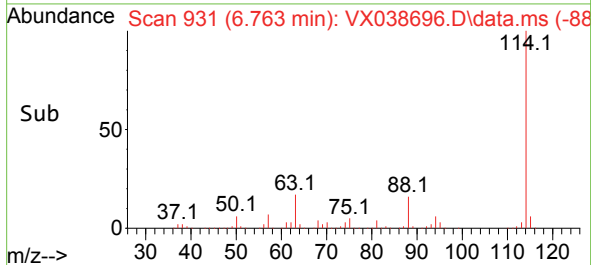
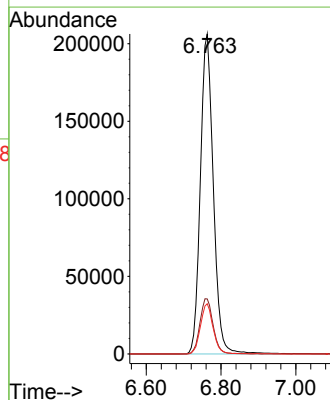
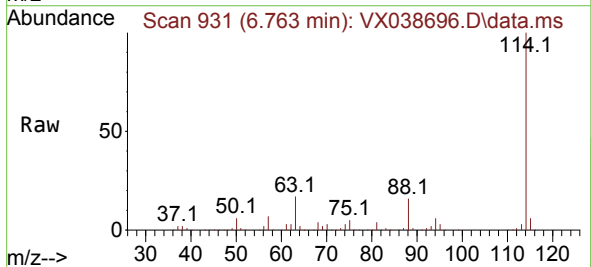
Instrument :
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 ClientSampleId :
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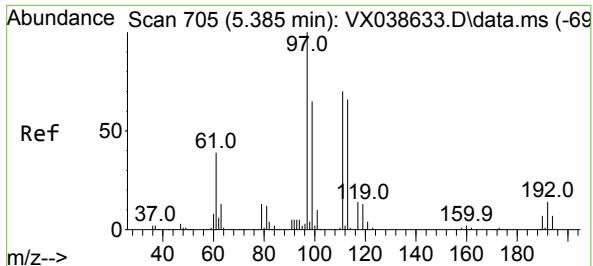
Tgt Ion: 65 Resp: 173061
 Ion Ratio Lower Upper
 65 100
 67 51.6 0.0 100.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. 0.000 min
 Lab File: VX038696.D
 Acq: 10 Nov 2023 01:38

Tgt Ion:114 Resp: 495348
 Ion Ratio Lower Upper
 114 100
 63 17.2 0.0 45.0
 88 15.7 0.0 36.6

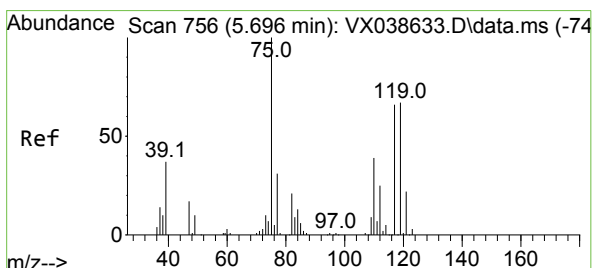
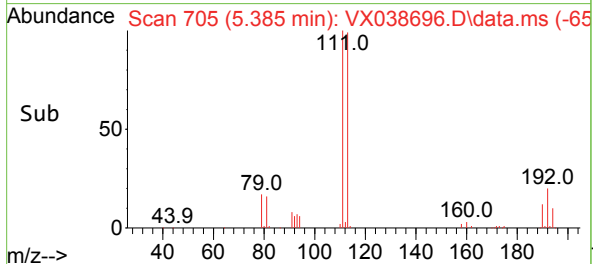
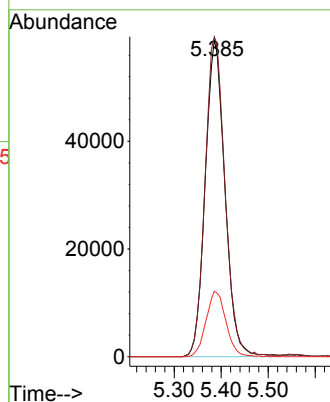
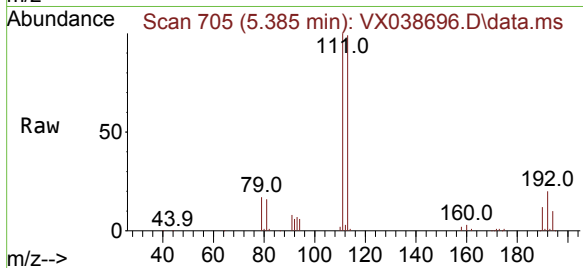




#35
Dibromofluoromethane
Concen: 47.920 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX038696.D
Acq: 10 Nov 2023 01:38

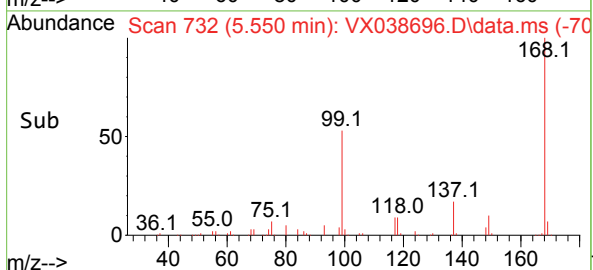
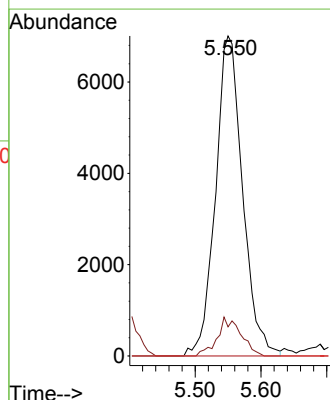
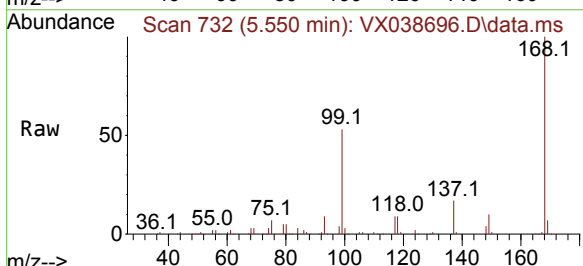
Instrument :
MSVOA_X
ClientSampleId :
VX1109WBL02

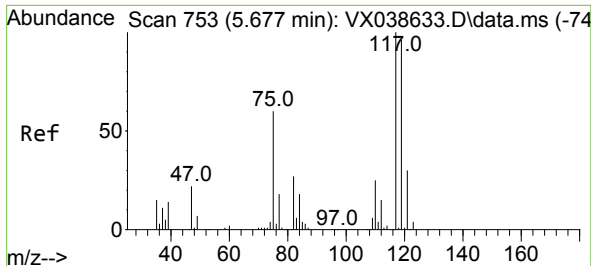
Tgt Ion:113 Resp: 170962
Ion Ratio Lower Upper
113 100
111 102.5 82.9 124.3
192 20.9 13.3 19.9#



#36
1,1-Dichloropropene
Concen: 4.526 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.146 min
Lab File: VX038696.D
Acq: 10 Nov 2023 01:38

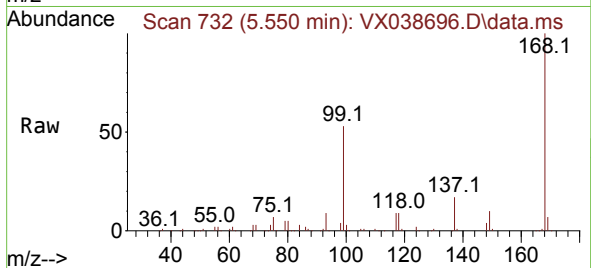
Tgt Ion: 75 Resp: 20058
Ion Ratio Lower Upper
75 100
110 10.6 17.0 50.9#
77 0.0 24.7 37.1#



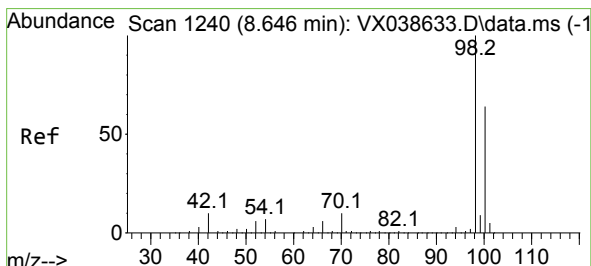
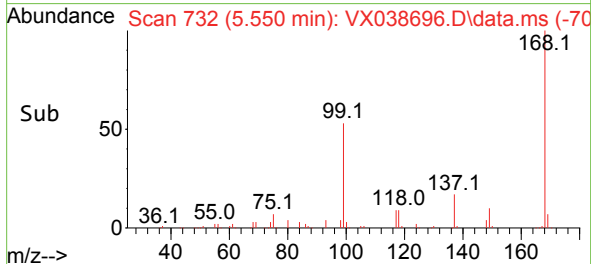
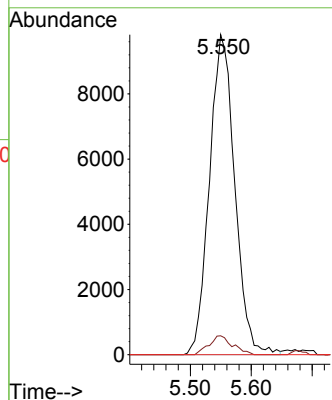


#38
Carbon Tetrachloride
Concen: 5.714 ug/l
RT: 5.550 min Scan# 711
Delta R.T. -0.128 min
Lab File: VX038696.D
Acq: 10 Nov 2023 01:38

Instrument :
MSVOA_X
ClientSampleId :
VX1109WBL02

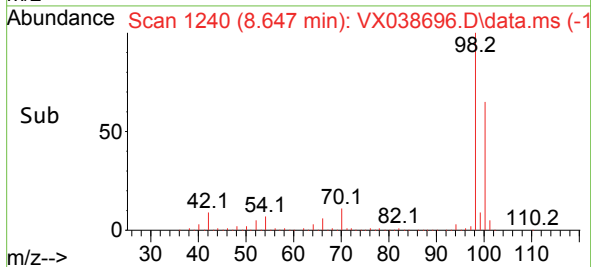
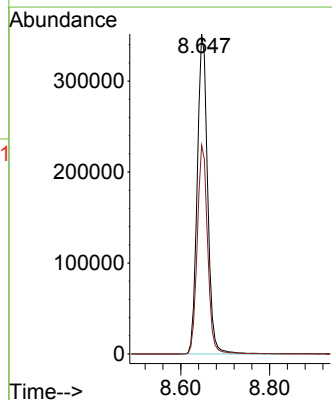
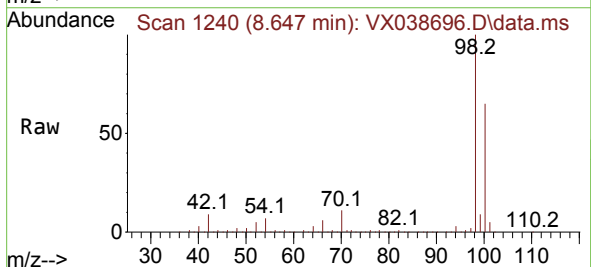


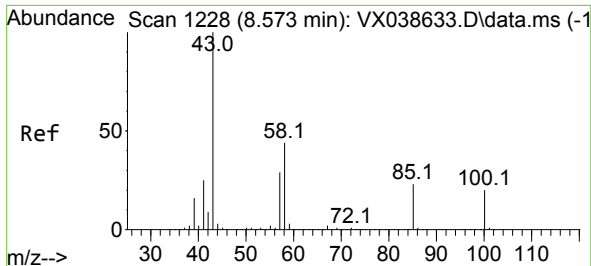
Tgt Ion:117 Resp: 28308
Ion Ratio Lower Upper
117 100
119 5.9 78.2 117.2#
121 0.0 24.4 36.6#



#50
Toluene-d8
Concen: 44.460 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX038696.D
Acq: 10 Nov 2023 01:38

Tgt Ion: 98 Resp: 567594
Ion Ratio Lower Upper
98 100
100 65.2 53.1 79.7

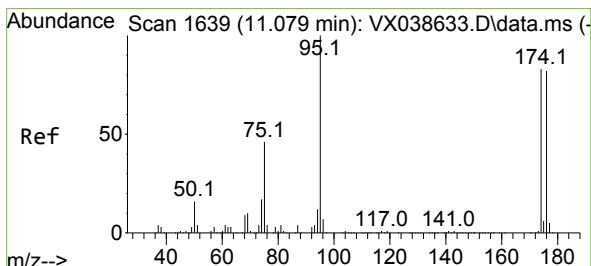
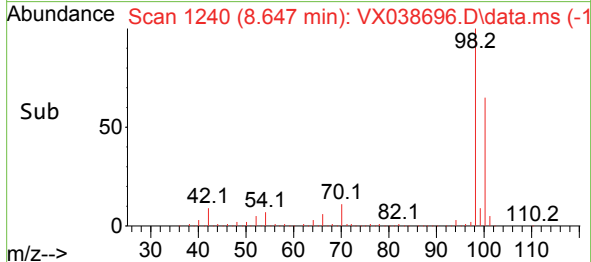
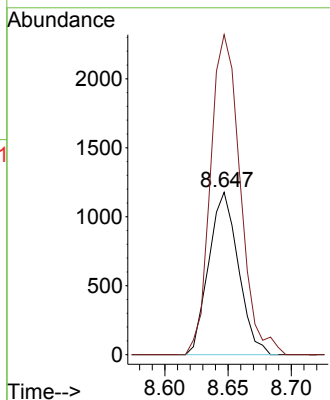
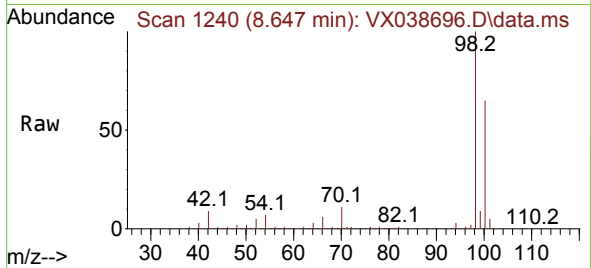




#51
4-Methyl-2-Pentanone
Concen: 0.423 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.074 min
Lab File: VX038696.D
Acq: 10 Nov 2023 01:38

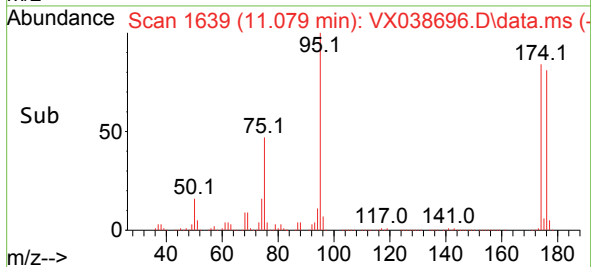
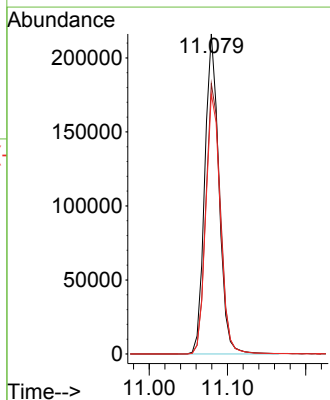
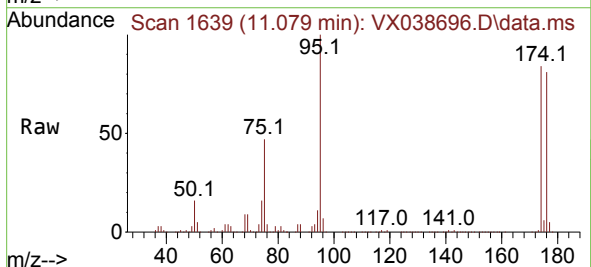
Instrument :
MSVOA_X
ClientSampleId :
VX1109WBL02

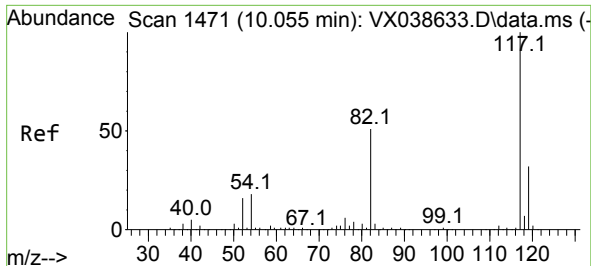
Tgt Ion: 43 Resp: 1917
Ion Ratio Lower Upper
43 100
58 197.9 30.4 45.6#



#62
4-Bromofluorobenzene
Concen: 54.690 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX038696.D
Acq: 10 Nov 2023 01:38

Tgt Ion: 95 Resp: 270702
Ion Ratio Lower Upper
95 100
174 87.2 0.0 135.6
176 84.1 0.0 131.0

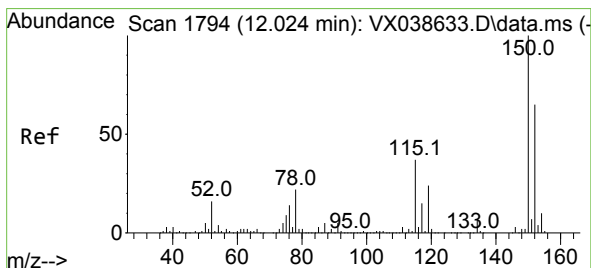
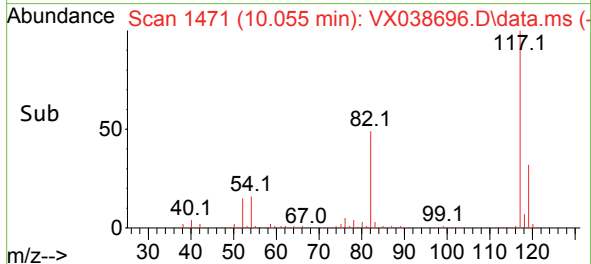
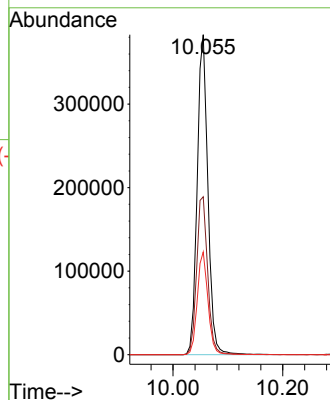
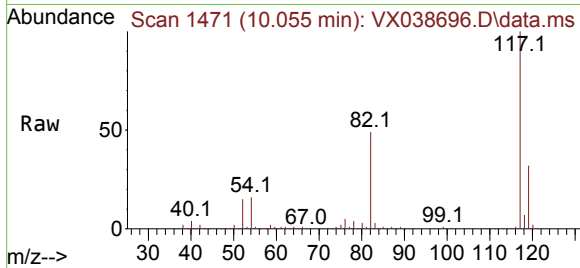




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX038696.D
Acq: 10 Nov 2023 01:38

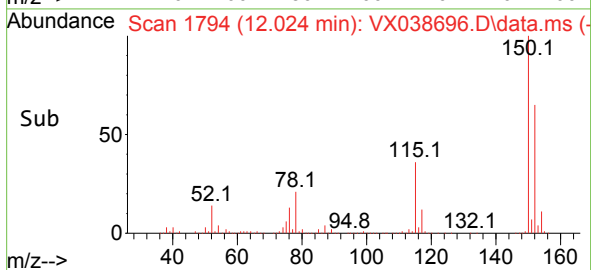
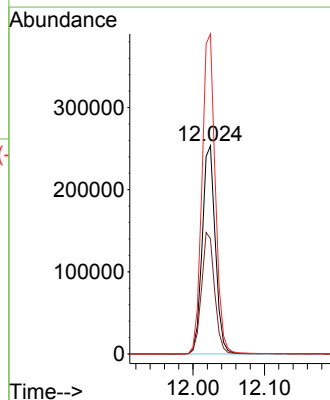
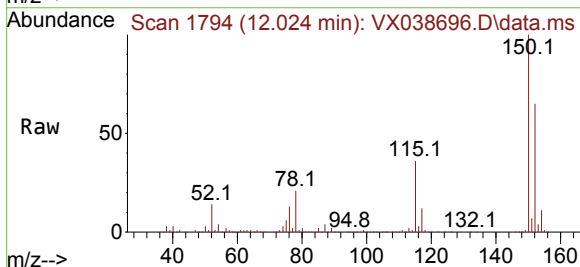
Instrument :
MSVOA_X
ClientSampleId :
VX1109WBL02

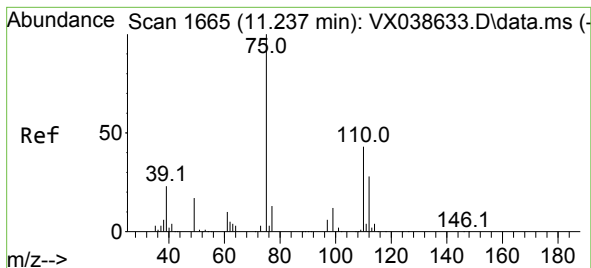
Tgt Ion:117 Resp: 520987
Ion Ratio Lower Upper
117 100
82 49.3 46.2 69.4
119 32.1 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX038696.D
Acq: 10 Nov 2023 01:38

Tgt Ion:152 Resp: 323285
Ion Ratio Lower Upper
152 100
115 58.1 43.3 129.9
150 155.6 0.0 345.0





#76

1,2,3-Trichloropropane

Concen: 20.163 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.158 min

Lab File: VX038696.D

Acq: 10 Nov 2023 01:38

Instrument :

MSVOA_X

ClientSampleId :

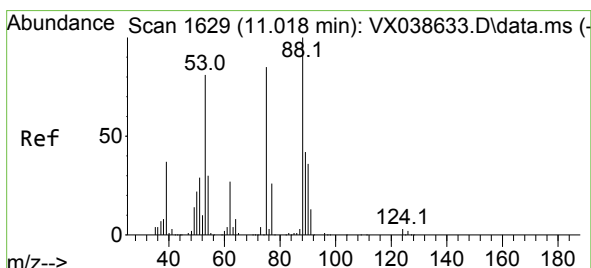
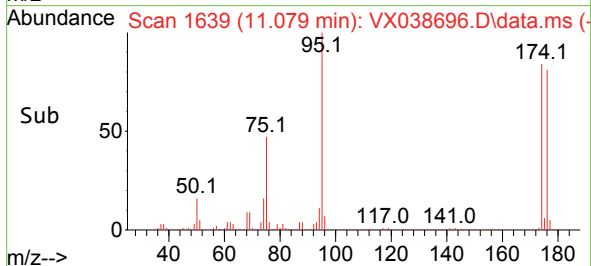
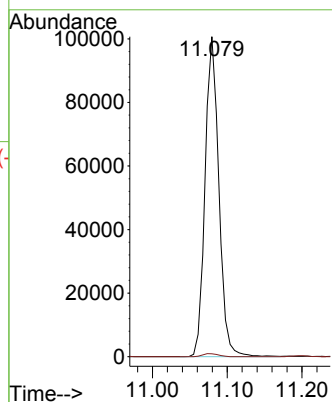
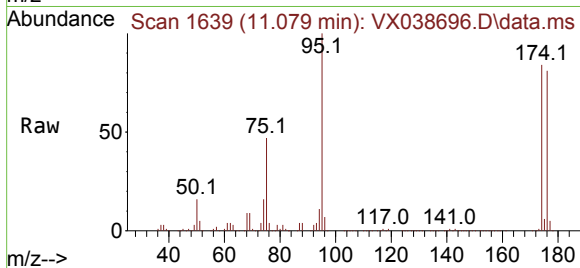
VX1109WBL02

Tgt Ion: 75 Resp: 129095

Ion Ratio Lower Upper

75 100

77 1.1 19.1 57.5#



#81

trans-1,4-Dichloro-2-butene

Concen: 61.568 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX038696.D

Acq: 10 Nov 2023 01:38

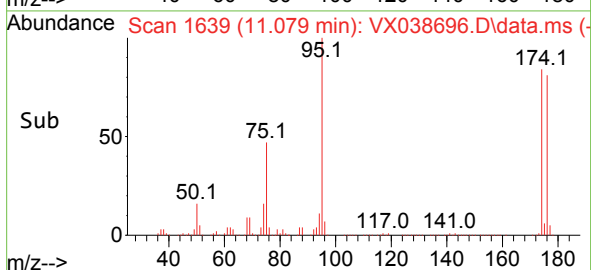
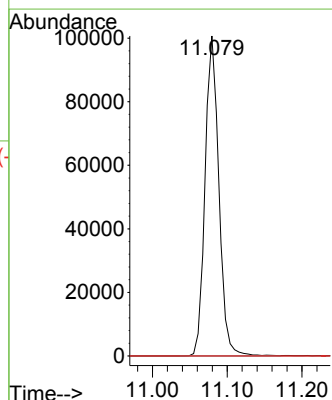
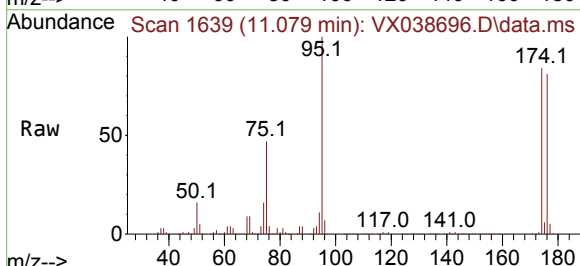
Tgt Ion: 75 Resp: 129095

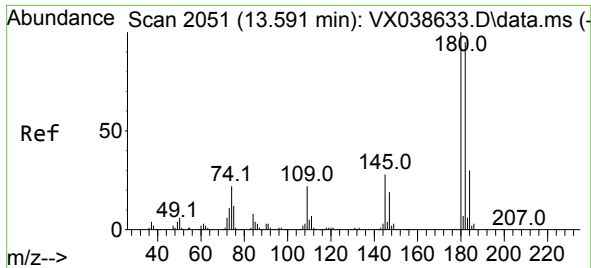
Ion Ratio Lower Upper

75 100

53 0.0 90.5 135.7#

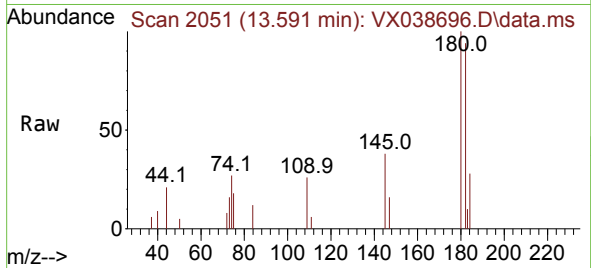
89 0.0 36.9 55.3#





#93
 1,2,4-Trichlorobenzene
 Concen: 0.203 ug/l
 RT: 13.591 min Scan# 2051
 Delta R.T. 0.000 min
 Lab File: VX038696.D
 Acq: 10 Nov 2023 01:38

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1109WBL02



Tgt Ion:	180	Resp:	1478
Ion	Ratio	Lower	Upper
180	100		
182	94.1	48.3	144.8
145	29.0	18.0	54.0

