

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111623\
 Data File : VX038855.D
 Acq On : 16 Nov 2023 22:04
 Operator : JC/MD
 Sample : 05357-07
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BPOW1-7-20231108

Quant Time: Nov 16 23:09:35 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X111623W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 16 22:59:22 2023
 Response via : Initial Calibration

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

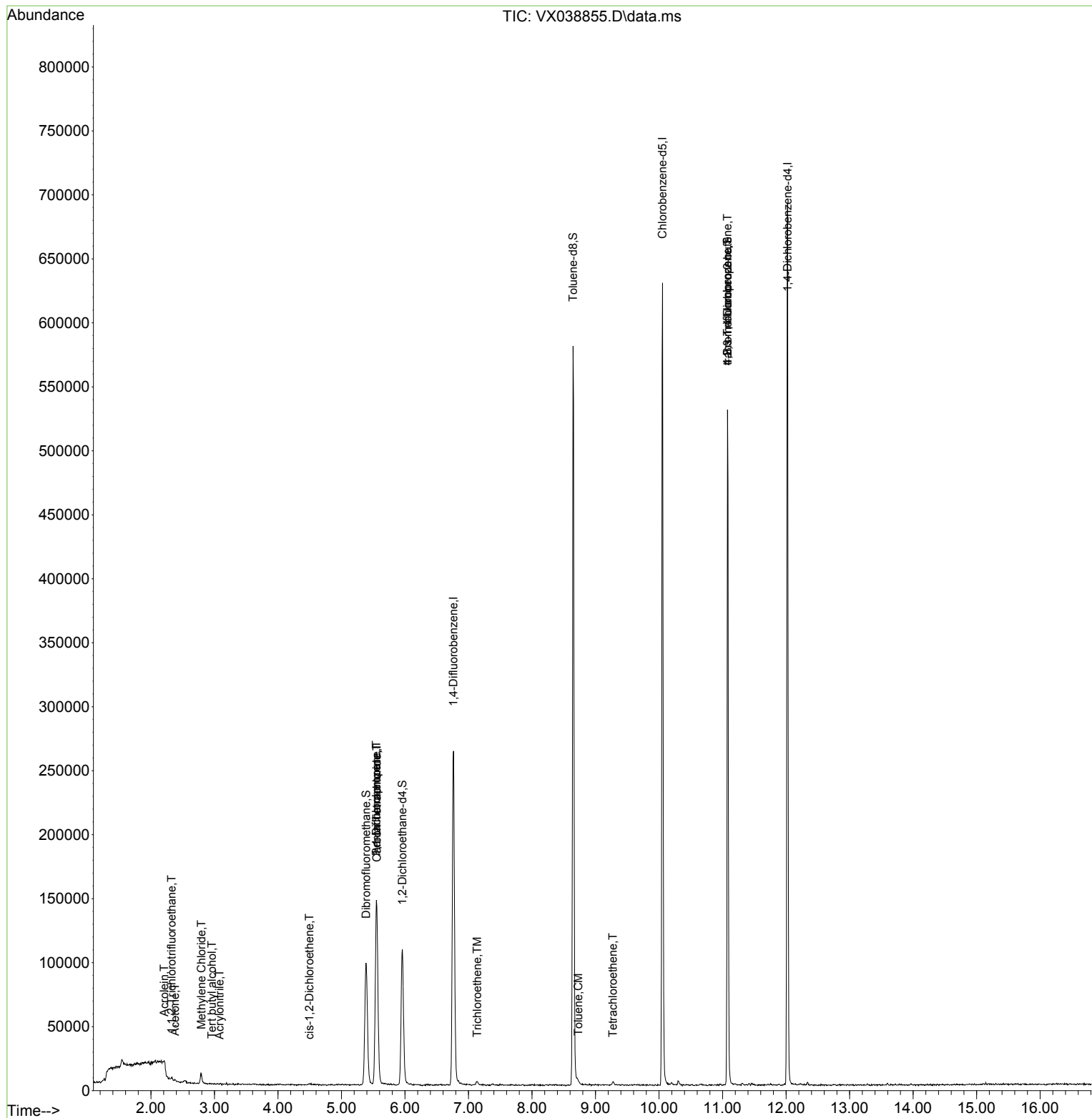
Internal Standards						
1) Pentafluorobenzene	5.550	168	130768	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	270023	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	281092	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	141274	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	99013	46.990	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	93.980%
35) Dibromofluoromethane	5.385	113	86356	44.281	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	88.560%
50) Toluene-d8	8.647	98	346940	46.498	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	93.000%
62) 4-Bromofluorobenzene	11.079	95	149652	50.103	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	100.200%
Target Compounds						
					Qvalue	
9) 1,1,2-Trichlorotrifluo...	2.325	101	717	0.444	ug/l	94
11) Tert butyl alcohol	2.959	59	135	0.230	ug/l #	1
13) Acrolein	2.209	56	450	1.451	ug/l #	1
15) Acrylonitrile	3.081	53	365	0.295	ug/l #	42
16) Acetone	2.380	43	1416	1.262	ug/l #	88
20) Methylene Chloride	2.794	84	4010	1.983	ug/l	88
27) cis-1,2-Dichloroethene	4.495	96	763	0.364	ug/l #	24
36) 1,1-Dichloropropene	5.550	75	11858	4.243	ug/l #	52
38) Carbon Tetrachloride	5.556	117	14156	5.480	ug/l #	15
44) Trichloroethene	7.135	130	1029	0.511	ug/l	72
52) Toluene	8.726	92	1180	0.230	ug/l	80
64) Tetrachloroethene	9.275	164	381	0.218	ug/l #	84
76) 1,2,3-Trichloropropane	11.079	75	75812	21.508	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	75812	47.708	ug/l #	5

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

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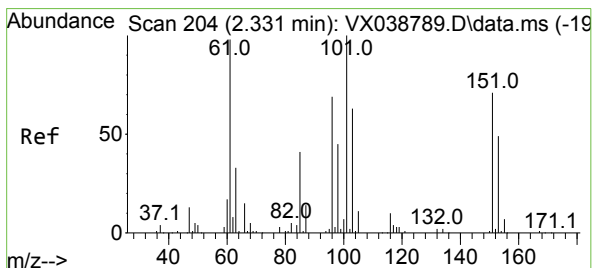
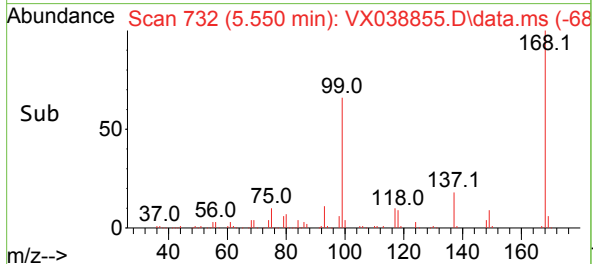
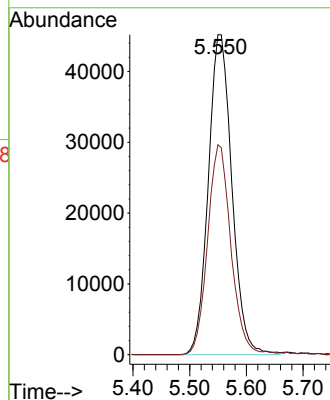
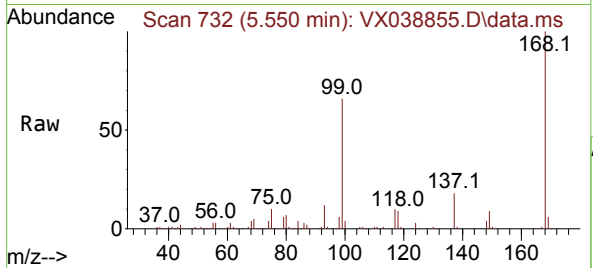




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX038855.D
Acq: 16 Nov 2023 22:04

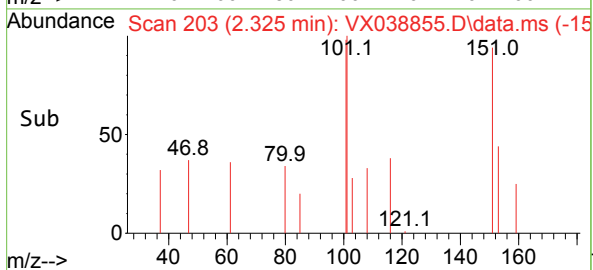
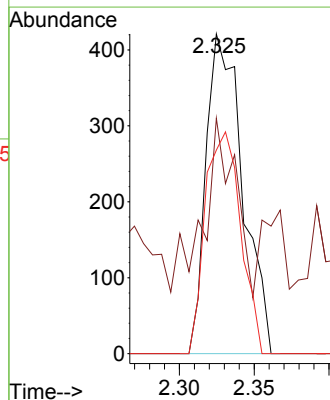
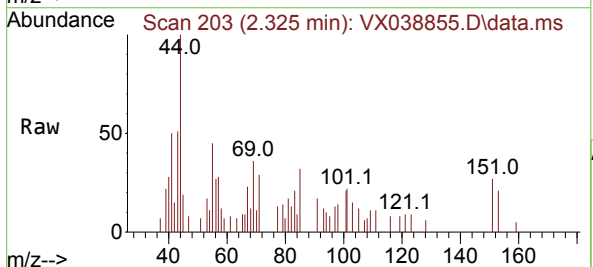
Instrument :
MSVOA_X
ClientSampleId :
BPOW1-7-20231108

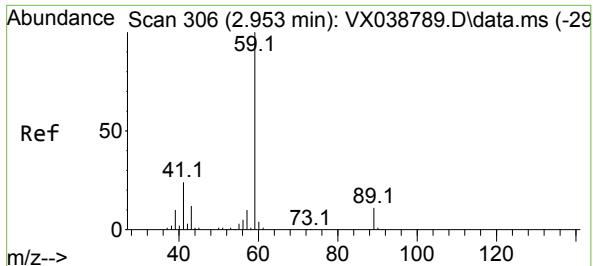
Tgt Ion:168 Resp: 130768
Ion Ratio Lower Upper
168 100
99 65.6 56.6 85.0



#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.444 ug/l
RT: 2.325 min Scan# 203
Delta R.T. -0.006 min
Lab File: VX038855.D
Acq: 16 Nov 2023 22:04

Tgt Ion:101 Resp: 717
Ion Ratio Lower Upper
101 100
85 48.8 37.0 55.6
151 67.2 58.6 87.8

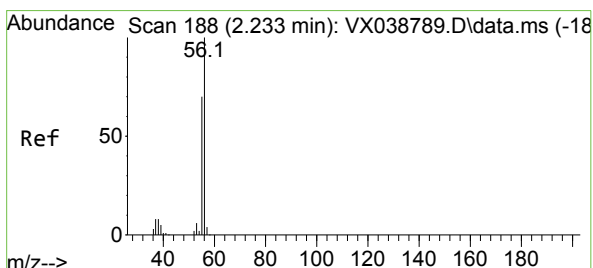
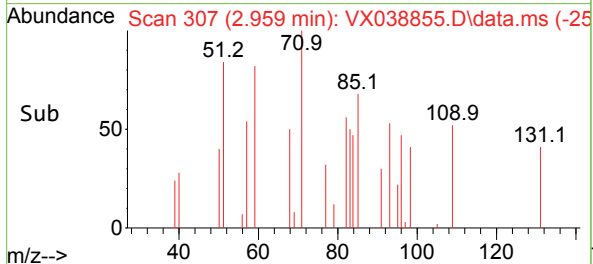
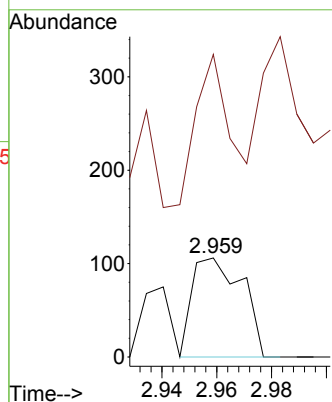
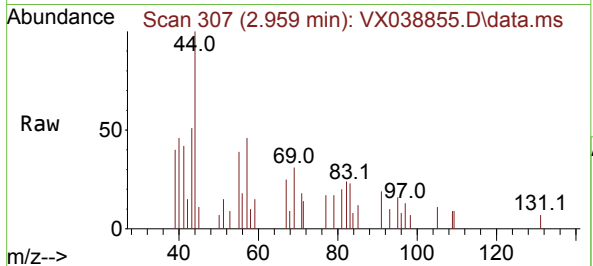




#11
Tert butyl alcohol
Concen: 0.230 ug/l
RT: 2.959 min Scan# 306
Delta R.T. 0.006 min
Lab File: VX038855.D
Acq: 16 Nov 2023 22:04

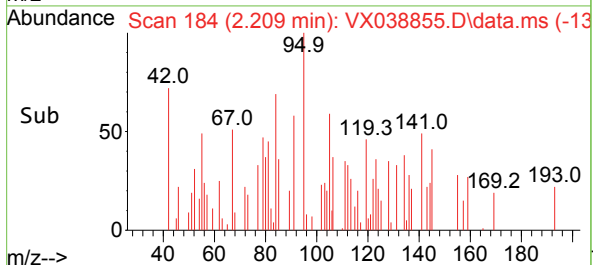
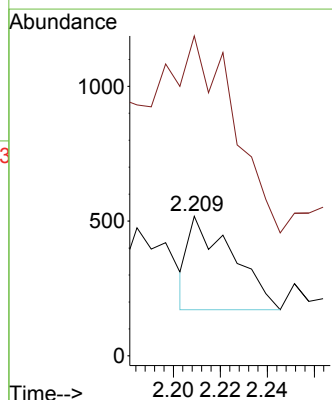
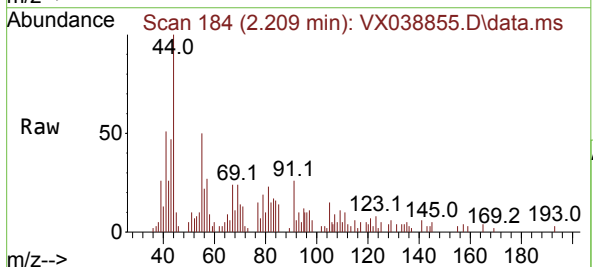
Instrument :
MSVOA_X
ClientSampleId :
BPOW1-7-20231108

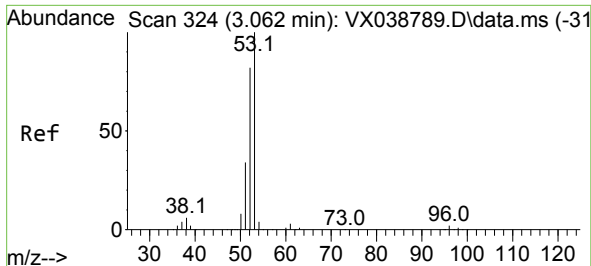
Tgt Ion: 59 Resp: 135
Ion Ratio Lower Upper
59 100
57 107.4 6.0 9.0#



#13
Acrolein
Concen: 1.451 ug/l
RT: 2.209 min Scan# 184
Delta R.T. -0.024 min
Lab File: VX038855.D
Acq: 16 Nov 2023 22:04

Tgt Ion: 56 Resp: 450
Ion Ratio Lower Upper
56 100
55 310.9 57.1 85.7#

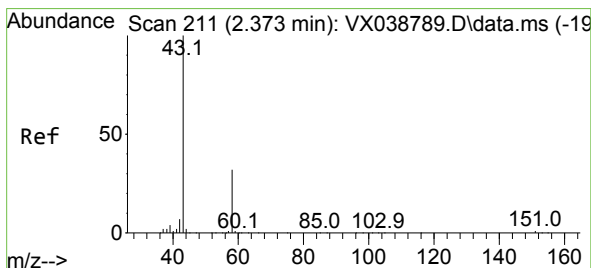
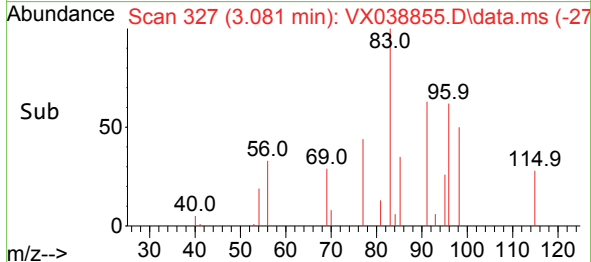
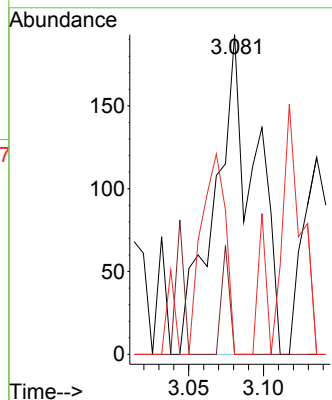
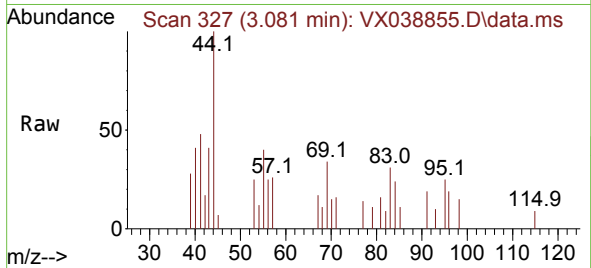




#15
Acrylonitrile
Concen: 0.295 ug/l
RT: 3.081 min Scan# 31
Delta R.T. 0.018 min
Lab File: VX038855.D
Acq: 16 Nov 2023 22:04

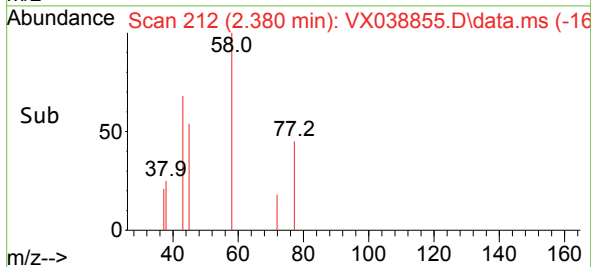
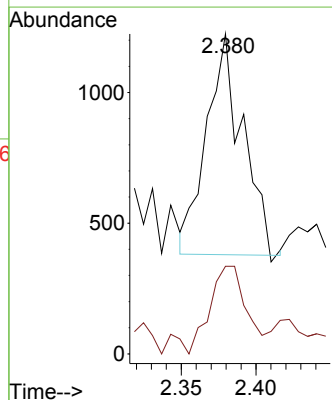
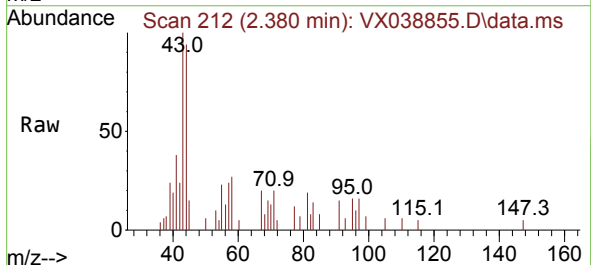
Instrument :
MSVOA_X
ClientSampleId :
BPOW1-7-20231108

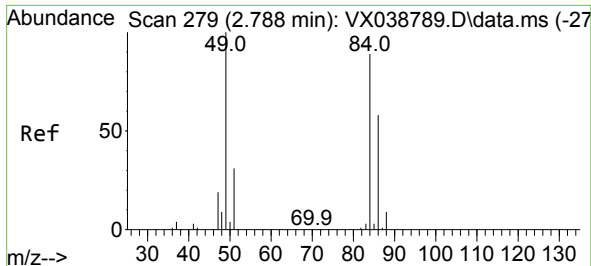
Tgt Ion: 53 Resp: 365
Ion Ratio Lower Upper
53 100
52 6.6 66.0 99.0#
51 37.5 29.8 44.6



#16
Acetone
Concen: 1.262 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.006 min
Lab File: VX038855.D
Acq: 16 Nov 2023 22:04

Tgt Ion: 43 Resp: 1416
Ion Ratio Lower Upper
43 100
58 33.6 21.9 32.9#



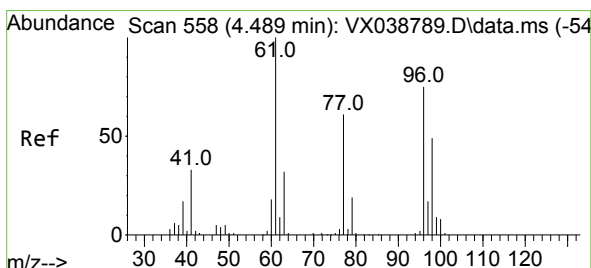
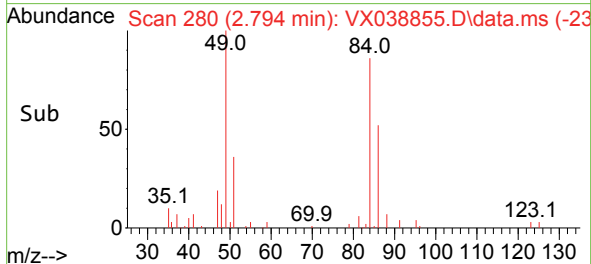
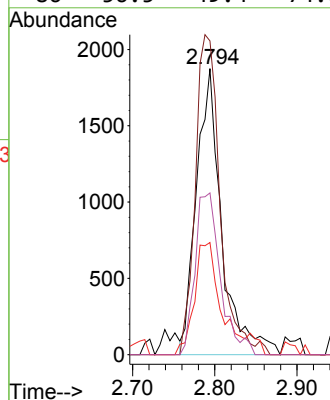
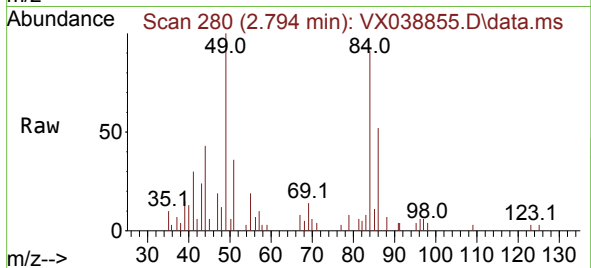


#20
Methylene Chloride
Concen: 1.983 ug/l
RT: 2.794 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX038855.D
Acq: 16 Nov 2023 22:04

Instrument :
MSVOA_X
ClientSampleId :
BPOW1-7-20231108

Tgt Ion: 84 Resp: 4010

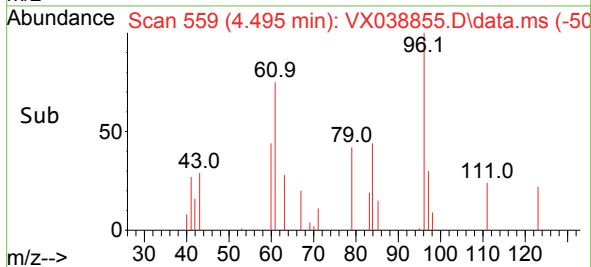
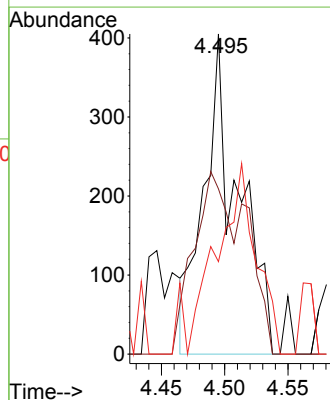
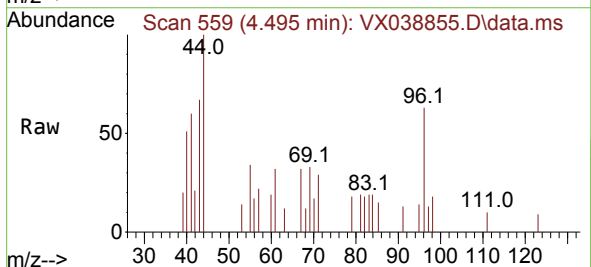
Ion	Ratio	Lower	Upper
84	100		
49	109.7	103.6	155.4
51	39.2	33.8	50.6
86	56.5	49.4	74.0

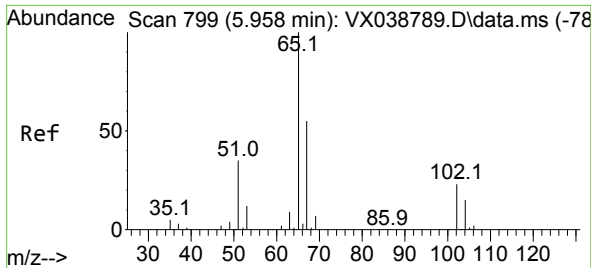


#27
cis-1,2-Dichloroethene
Concen: 0.364 ug/l
RT: 4.495 min Scan# 559
Delta R.T. 0.006 min
Lab File: VX038855.D
Acq: 16 Nov 2023 22:04

Tgt Ion: 96 Resp: 763

Ion	Ratio	Lower	Upper
96	100		
61	60.0	0.0	312.2
98	0.0	0.0	129.0

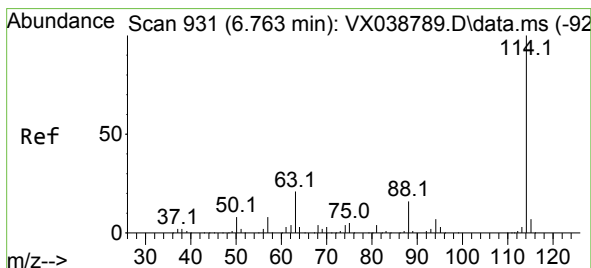
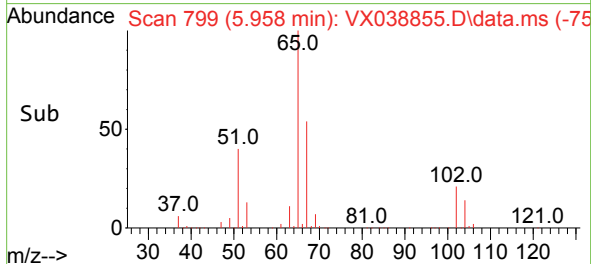
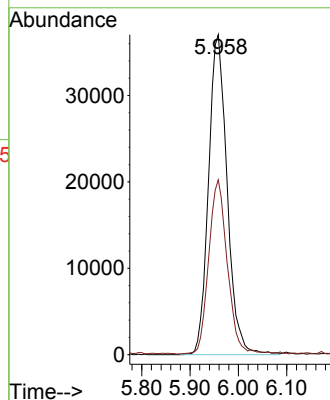
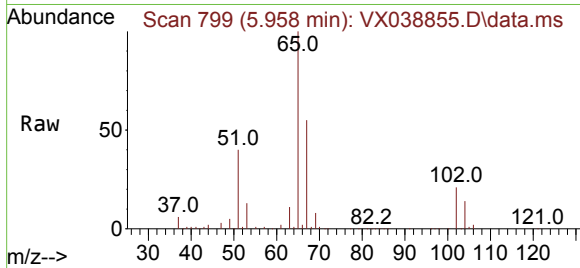




#33
 1,2-Dichloroethane-d4
 Concen: 46.990 ug/l
 RT: 5.958 min Scan# 799
 Delta R.T. 0.000 min
 Lab File: VX038855.D
 Acq: 16 Nov 2023 22:04

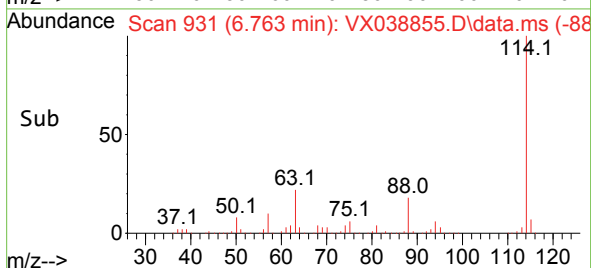
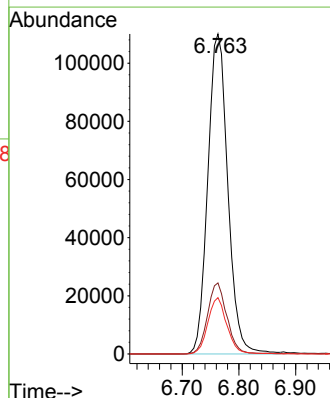
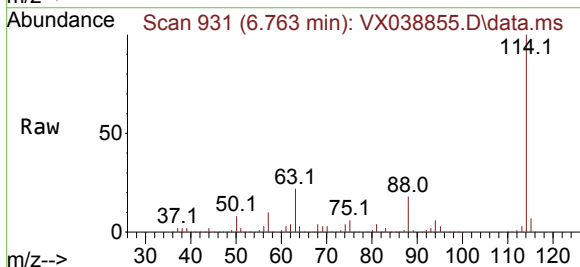
Instrument :
 MSVOA_X
 ClientSampleId :
 BPOW1-7-20231108

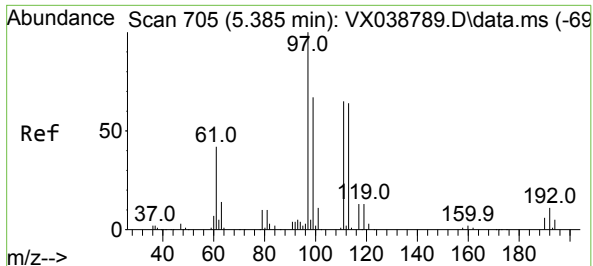
Tgt Ion: 65 Resp: 99013
 Ion Ratio Lower Upper
 65 100
 67 54.7 0.0 100.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. 0.000 min
 Lab File: VX038855.D
 Acq: 16 Nov 2023 22:04

Tgt Ion: 114 Resp: 270023
 Ion Ratio Lower Upper
 114 100
 63 22.2 0.0 45.0
 88 17.6 0.0 36.6





#35

Dibromofluoromethane

Concen: 44.281 ug/l

RT: 5.385 min Scan# 705

Delta R.T. 0.000 min

Lab File: VX038855.D

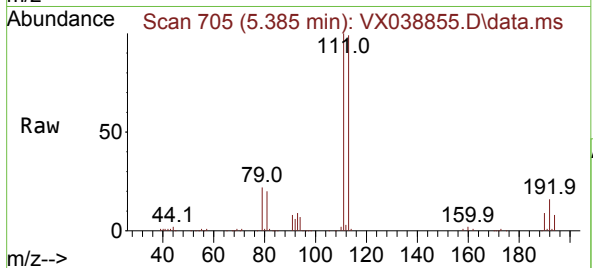
Acq: 16 Nov 2023 22:04

Instrument :

MSVOA_X

ClientSampleId :

BPOW1-7-20231108



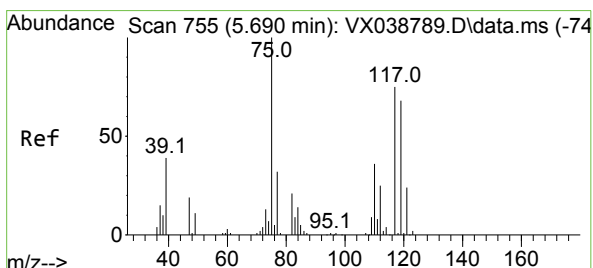
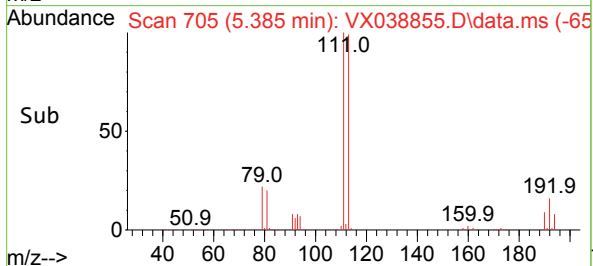
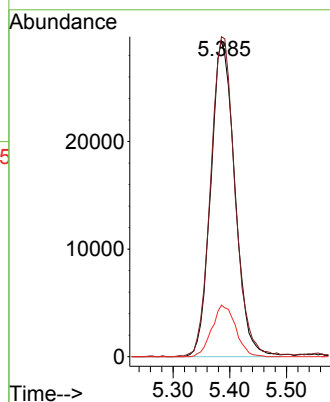
Tgt Ion:113 Resp: 86356

Ion Ratio Lower Upper

113 100

111 103.1 82.9 124.3

192 16.1 13.3 19.9



#36

1,1-Dichloropropene

Concen: 4.243 ug/l

RT: 5.550 min Scan# 732

Delta R.T. -0.140 min

Lab File: VX038855.D

Acq: 16 Nov 2023 22:04

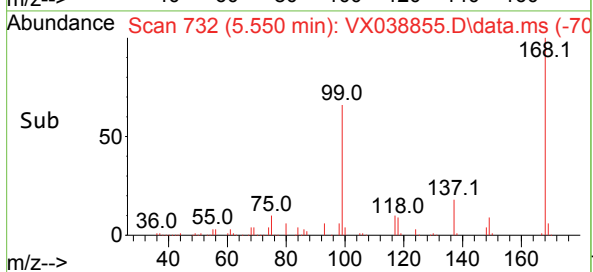
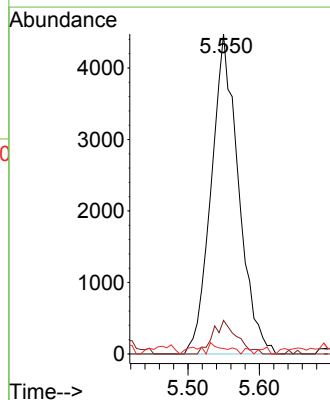
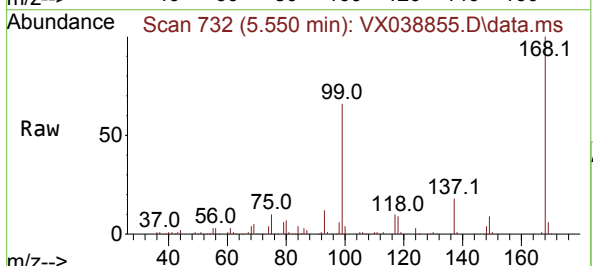
Tgt Ion: 75 Resp: 11858

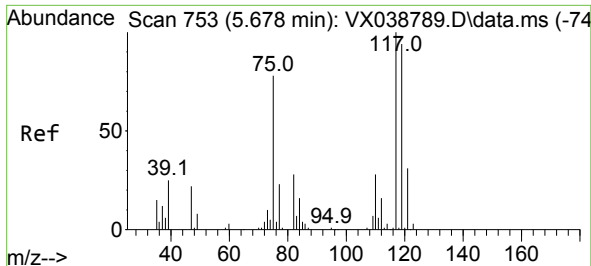
Ion Ratio Lower Upper

75 100

110 9.2 17.0 50.9#

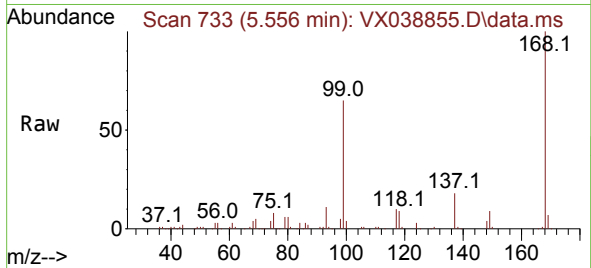
77 2.0 24.7 37.1#



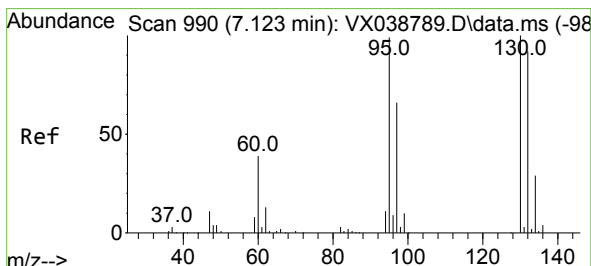
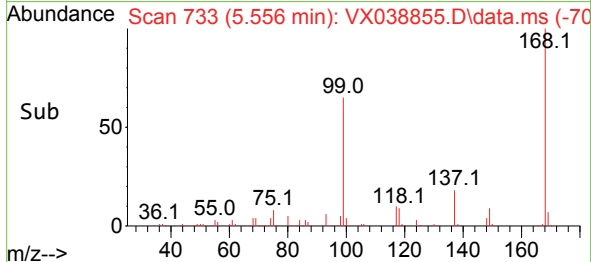
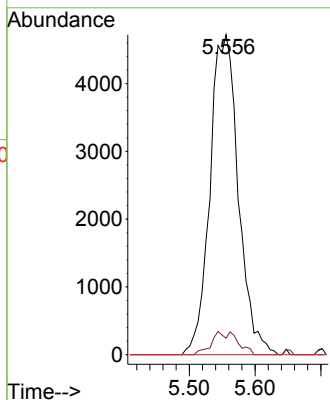


#38
Carbon Tetrachloride
Concen: 5.480 ug/l
RT: 5.556 min Scan# 711
Delta R.T. -0.122 min
Lab File: VX038855.D
Acq: 16 Nov 2023 22:04

Instrument :
MSVOA_X
ClientSampleId :
BPOW1-7-20231108

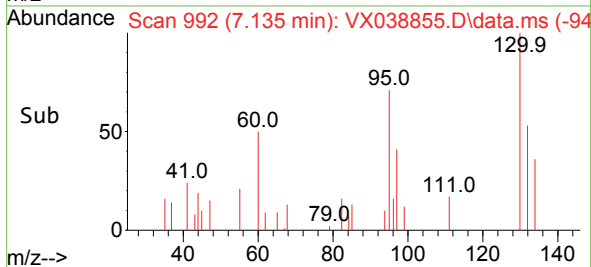
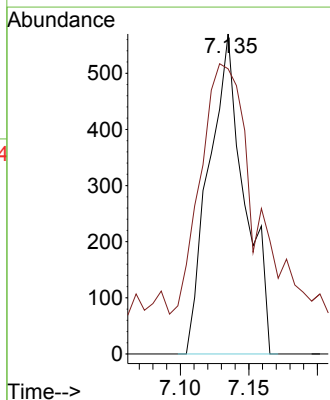
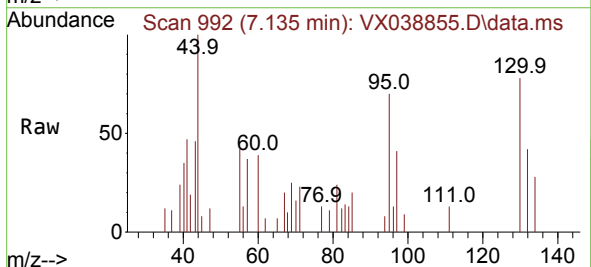


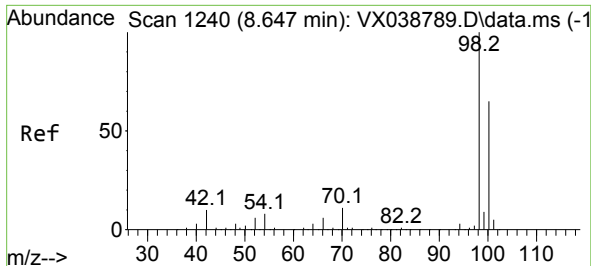
Tgt Ion:117 Resp: 14156
Ion Ratio Lower Upper
117 100
119 5.1 78.2 117.2#
121 0.0 24.4 36.6#



#44
Trichloroethene
Concen: 0.511 ug/l
RT: 7.135 min Scan# 992
Delta R.T. 0.012 min
Lab File: VX038855.D
Acq: 16 Nov 2023 22:04

Tgt Ion:130 Resp: 1029
Ion Ratio Lower Upper
130 100
95 74.0 0.0 204.4

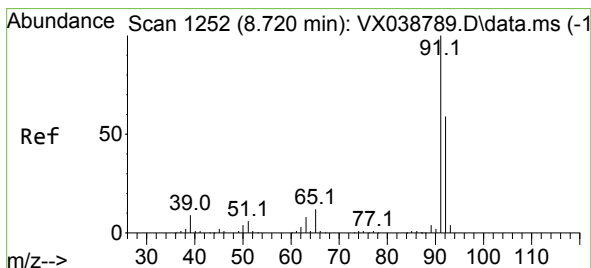
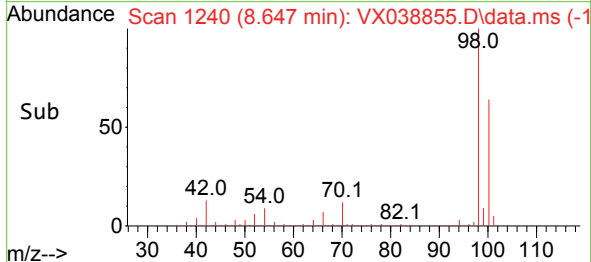
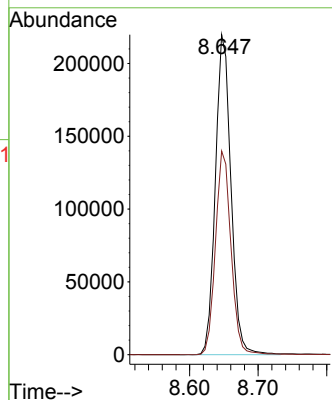
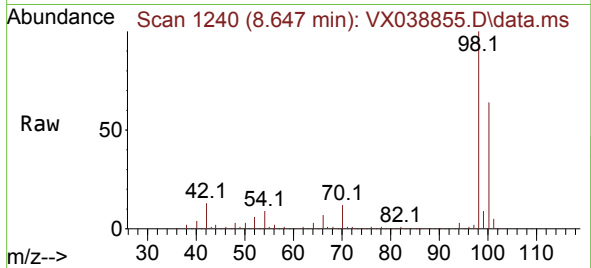




#50
Toluene-d8
Concen: 46.498 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX038855.D
Acq: 16 Nov 2023 22:04

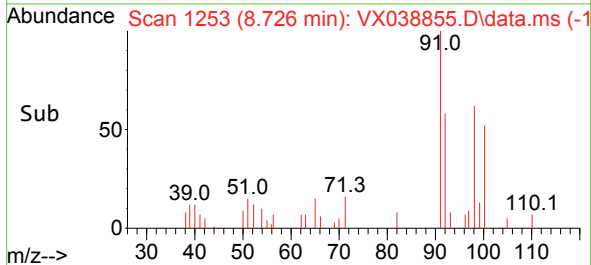
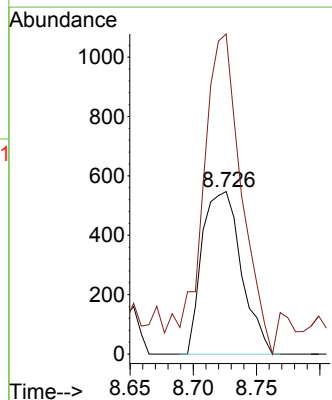
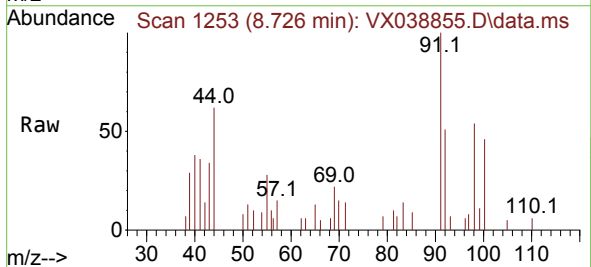
Instrument :
MSVOA_X
ClientSampleId :
BPOW1-7-20231108

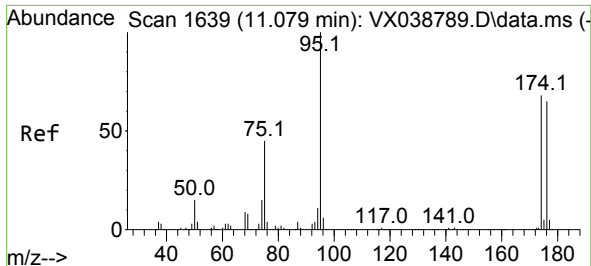
Tgt Ion: 98 Resp: 346940
Ion Ratio Lower Upper
98 100
100 63.4 53.1 79.7



#52
Toluene
Concen: 0.230 ug/l
RT: 8.726 min Scan# 1253
Delta R.T. 0.006 min
Lab File: VX038855.D
Acq: 16 Nov 2023 22:04

Tgt Ion: 92 Resp: 1180
Ion Ratio Lower Upper
92 100
91 194.9 134.2 201.2

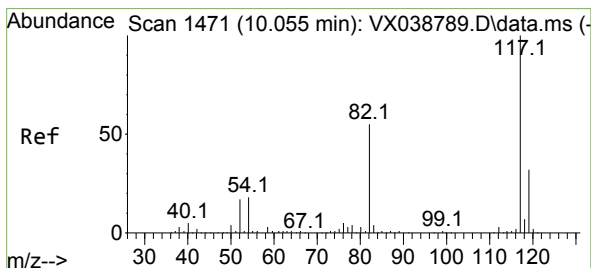
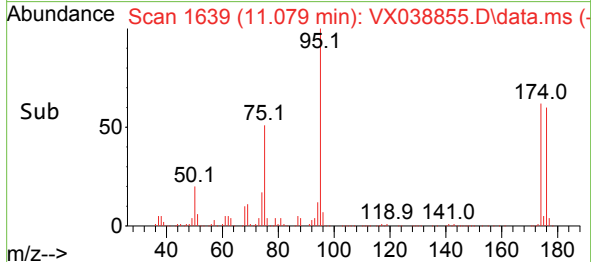
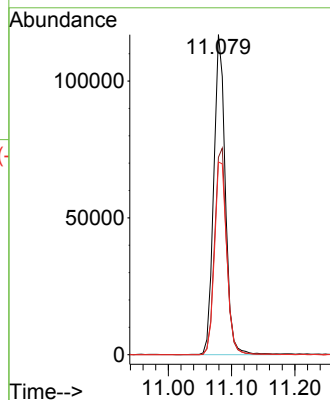
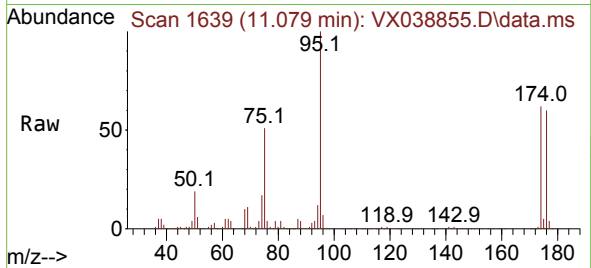




#62
4-Bromofluorobenzene
Concen: 50.103 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX038855.D
Acq: 16 Nov 2023 22:04

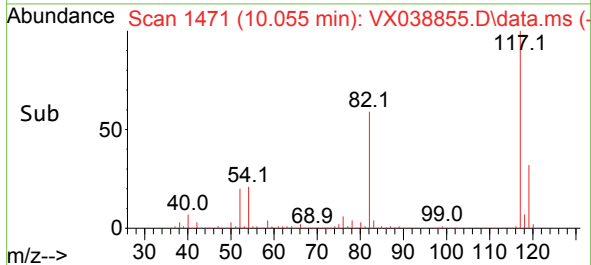
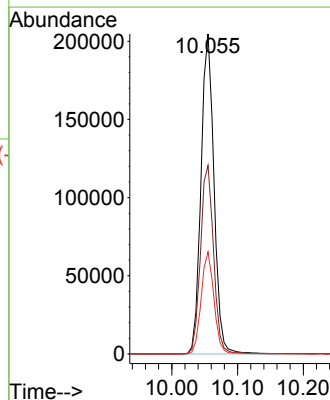
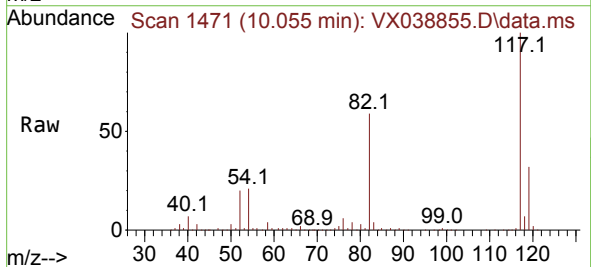
Instrument :
MSVOA_X
ClientSampleId :
BPOW1-7-20231108

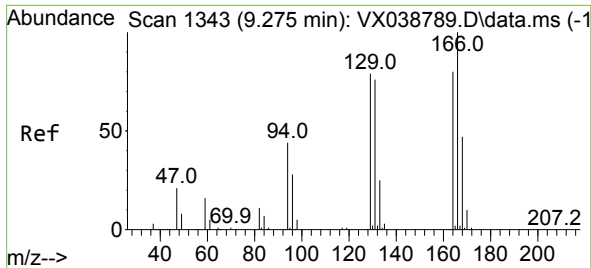
Tgt Ion: 95 Resp: 149652
Ion Ratio Lower Upper
95 100
174 66.5 0.0 135.6
176 64.0 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX038855.D
Acq: 16 Nov 2023 22:04

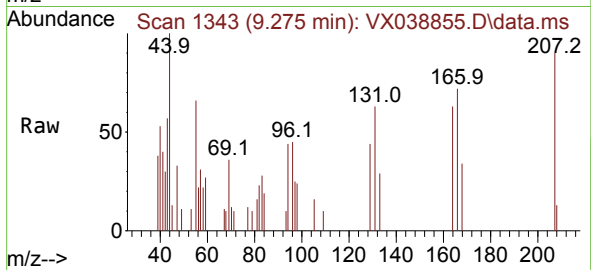
Tgt Ion: 117 Resp: 281092
Ion Ratio Lower Upper
117 100
82 58.9 46.2 69.4
119 31.9 25.5 38.3



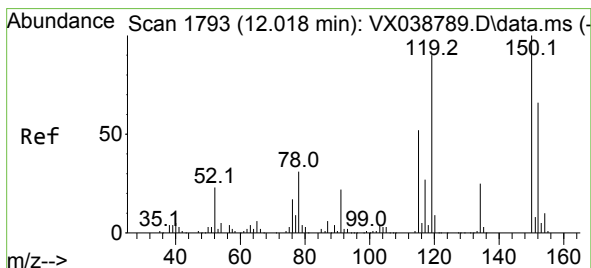
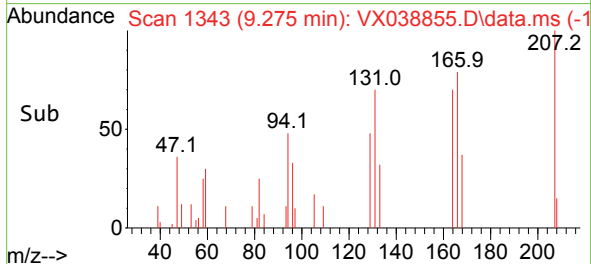
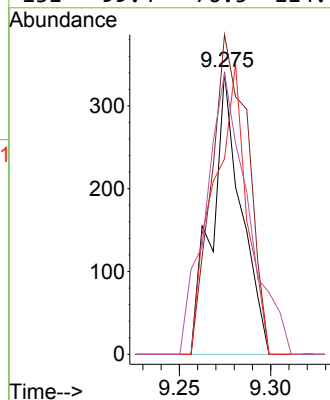


#64
Tetrachloroethene
Concen: 0.218 ug/l
RT: 9.275 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX038855.D
Acq: 16 Nov 2023 22:04

Instrument :
MSVOA_X
ClientSampleId :
BPOW1-7-20231108

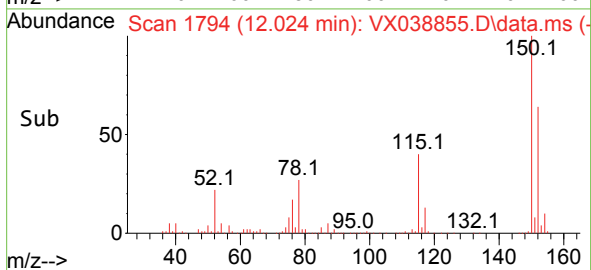
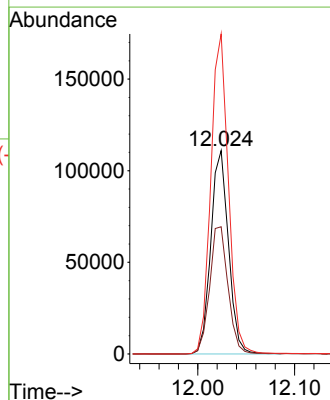
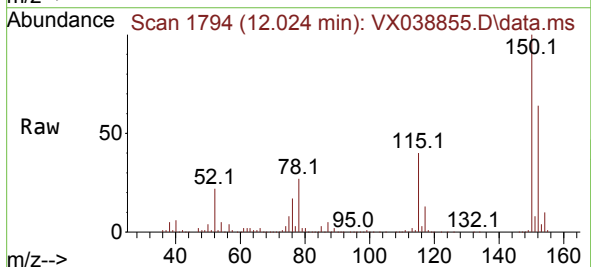


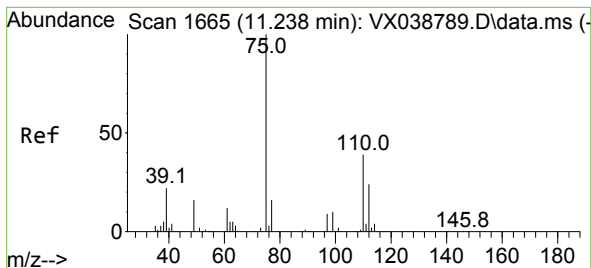
Tgt Ion:164 Resp: 381
Ion Ratio Lower Upper
164 100
166 113.2 102.7 154.1
129 69.2 80.4 120.6#
131 99.4 76.5 114.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.006 min
Lab File: VX038855.D
Acq: 16 Nov 2023 22:04

Tgt Ion:152 Resp: 141274
Ion Ratio Lower Upper
152 100
115 65.4 43.3 129.9
150 156.7 0.0 345.0

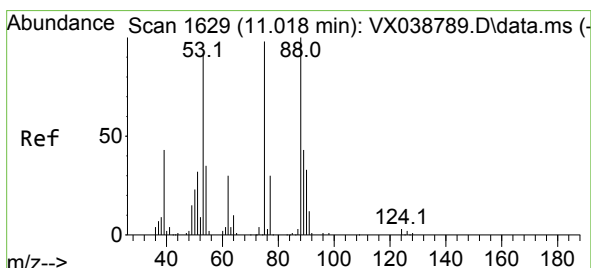
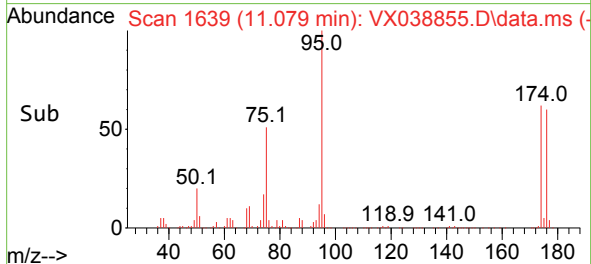
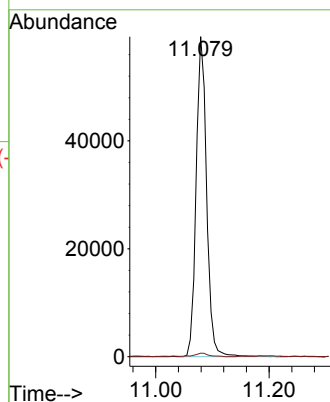
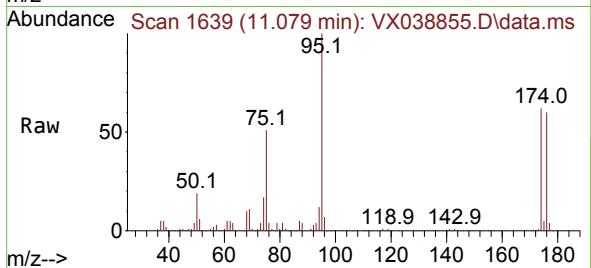




#76
1,2,3-Trichloropropane
Concen: 21.508 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX038855.D
Acq: 16 Nov 2023 22:04

Instrument :
MSVOA_X
ClientSampleId :
BPOW1-7-20231108

Tgt Ion: 75 Resp: 75812
Ion Ratio Lower Upper
75 100
77 1.5 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 47.708 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX038855.D
Acq: 16 Nov 2023 22:04

Tgt Ion: 75 Resp: 75812
Ion Ratio Lower Upper
75 100
53 0.2 90.5 135.7#
89 0.0 36.9 55.3#

