

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN022724\
 Data File : VN081232.D
 Acq On : 27 Feb 2024 20:24
 Operator : JC\MD
 Sample : P1590-11
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 BPOW1-7-20240223

Quant Time: Feb 28 04:24:45 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021624W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 16 23:45:20 2024
 Response via : Initial Calibration

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

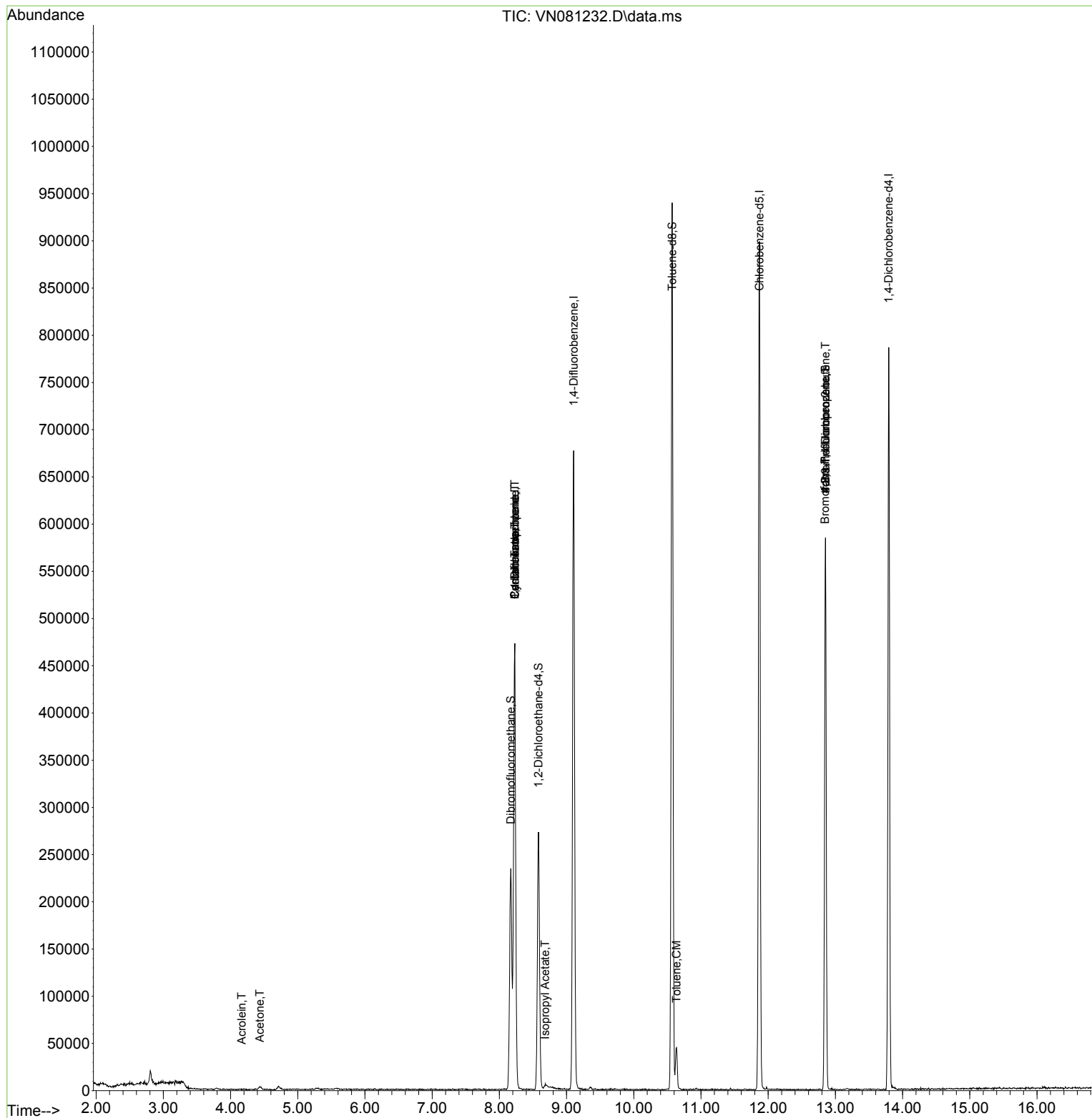
Internal Standards						
1) Pentafluorobenzene	8.230	168	310282	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	583122	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	506724	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	199124	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	215314	56.614	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	113.220%
35) Dibromofluoromethane	8.171	113	167904	50.920	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	101.840%
50) Toluene-d8	10.571	98	636663	54.363	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	108.720%
62) 4-Bromofluorobenzene	12.853	95	204085	46.377	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	92.760%
Target Compounds						
					Qvalue	
3) Chloromethane	2.365	50	1207	Below Cal	#	88
6) Chloroethane	3.136	64	293	Below Cal	#	42
13) Acrolein	4.165	56	279	0.744	ug/l #	61
16) Acetone	4.436	43	3461	2.313	ug/l #	61
20) Methylene Chloride	5.289	84	597	Below Cal	#	70
31) Cyclohexane	8.230	56	9005	1.371	ug/l #	1
36) 1,1-Dichloropropene	8.230	75	28453	5.037	ug/l #	46
38) Carbon Tetrachloride	8.230	117	36409	6.370	ug/l #	19
43) Isopropyl Acetate	8.682	43	3720	0.417	ug/l #	57
52) Toluene	10.635	92	18261	1.764	ug/l	91
71) Bromoform	12.847	173	1016	0.407	ug/l #	1
76) 1,2,3-Trichloropropane	12.853	75	113309	25.045	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	113309	64.464	ug/l #	14

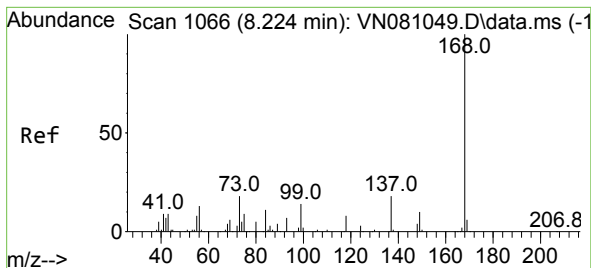
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.230 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN081232.D

Acq: 27 Feb 2024 20:24

Instrument :

MSVOA_N

ClientSampleId :

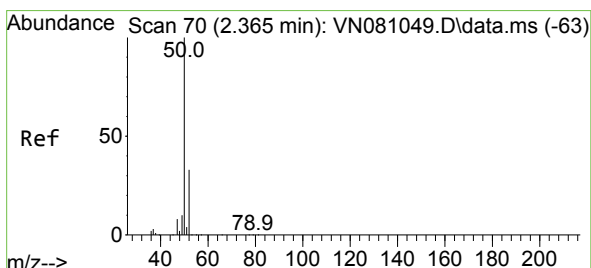
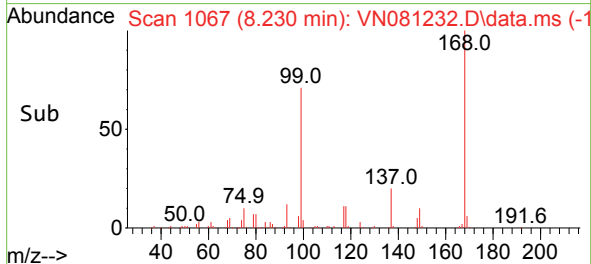
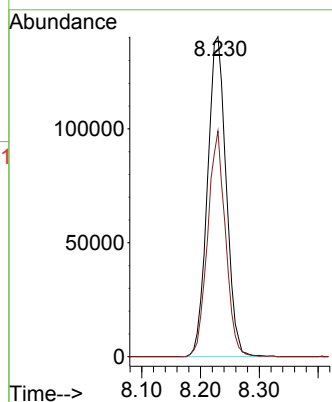
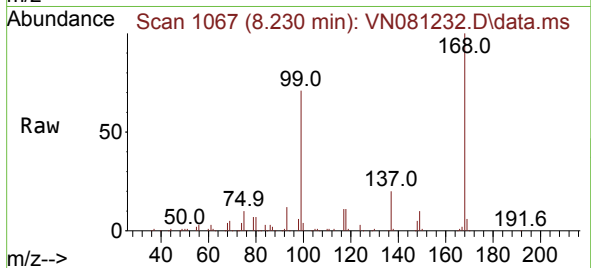
BPOW1-7-20240223

Tgt Ion:168 Resp: 310282

Ion Ratio Lower Upper

168 100

99 70.5 59.9 89.9



#3

Chloromethane

Concen: Below Cal

RT: 2.365 min Scan# 70

Delta R.T. 0.000 min

Lab File: VN081232.D

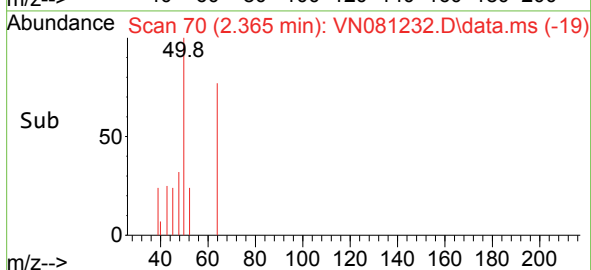
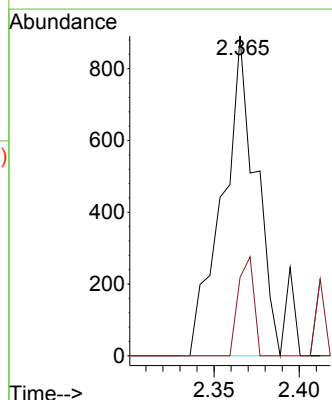
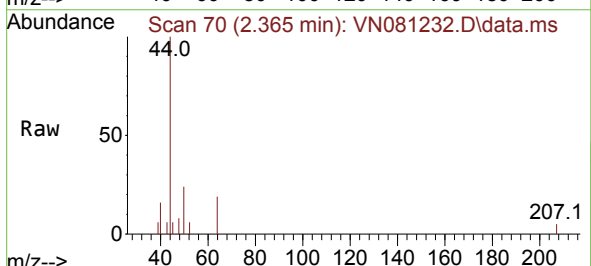
Acq: 27 Feb 2024 20:24

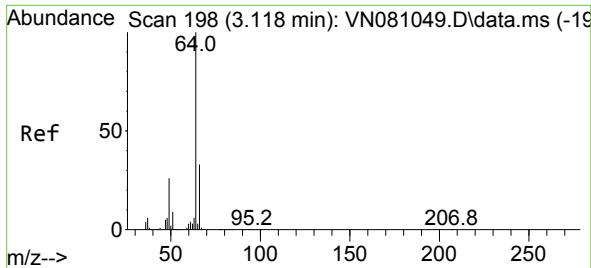
Tgt Ion: 50 Resp: 1207

Ion Ratio Lower Upper

50 100

52 24.5 25.0 37.4#

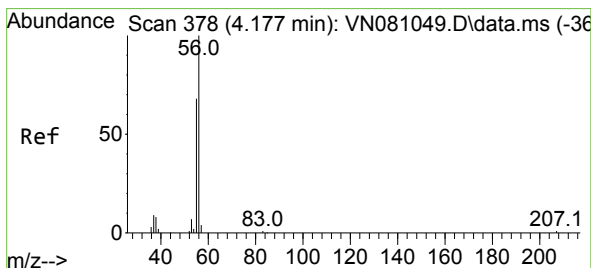
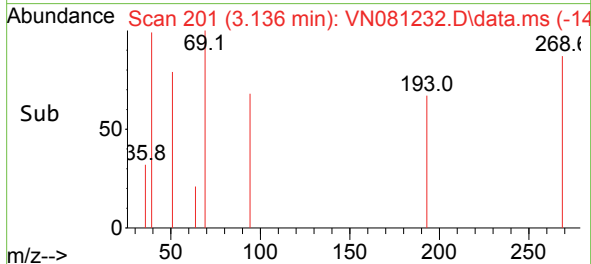
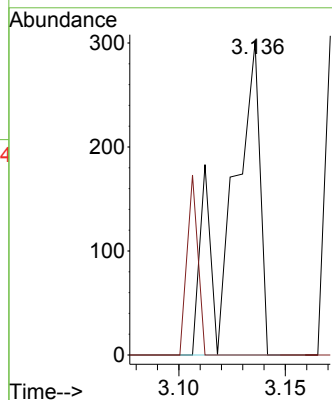
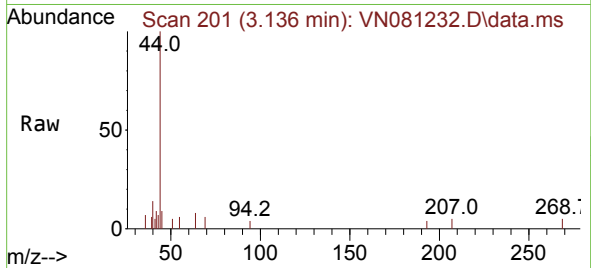




#6
Chloroethane
Concen: Below Cal
RT: 3.136 min Scan# 201
Delta R.T. 0.018 min
Lab File: VN081232.D
Acq: 27 Feb 2024 20:24

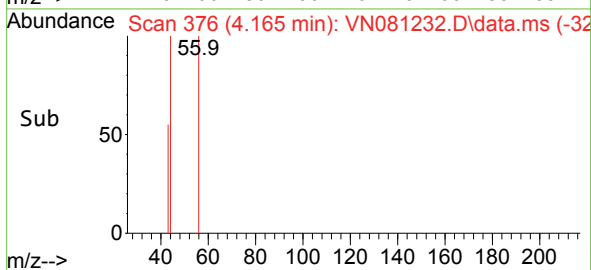
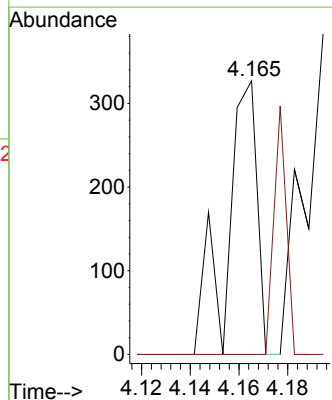
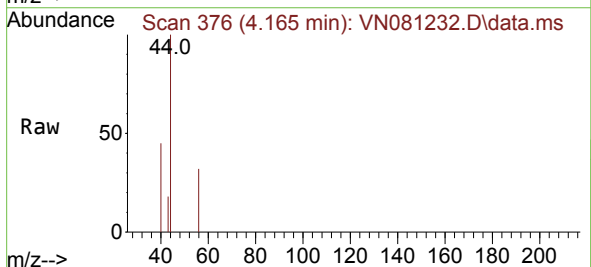
Instrument :
MSVOA_N
ClientSampleId :
BPOW1-7-20240223

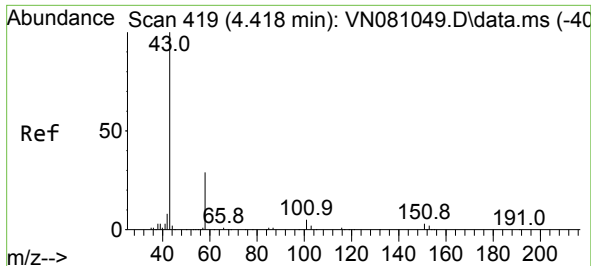
Tgt Ion: 64 Resp: 293
Ion Ratio Lower Upper
64 100
66 0.0 26.4 39.6#



#13
Acrolein
Concen: 0.744 ug/l
RT: 4.165 min Scan# 376
Delta R.T. -0.012 min
Lab File: VN081232.D
Acq: 27 Feb 2024 20:24

Tgt Ion: 56 Resp: 279
Ion Ratio Lower Upper
56 100
55 37.6 55.3 82.9#





#16

Acetone

Concen: 2.313 ug/l

RT: 4.436 min Scan# 41

Delta R.T. 0.018 min

Lab File: VN081232.D

Acq: 27 Feb 2024 20:24

Instrument :

MSVOA_N

ClientSampleId :

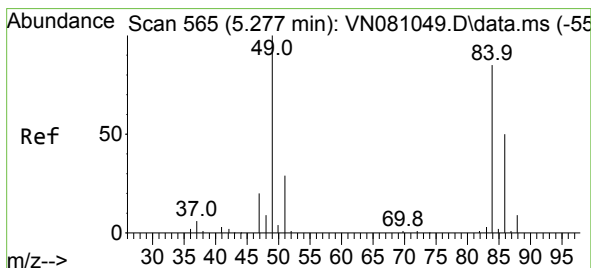
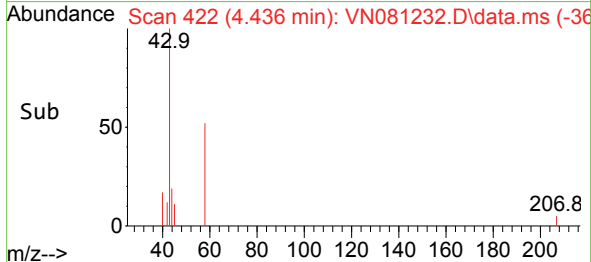
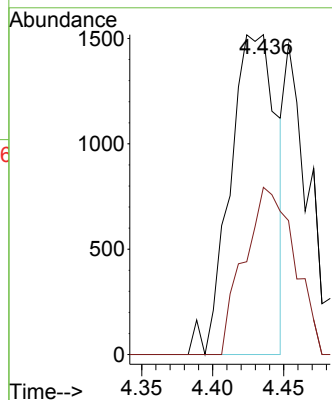
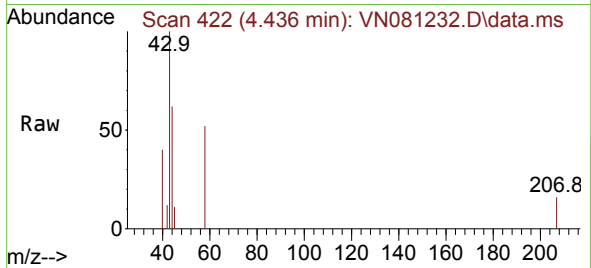
BPOW1-7-20240223

Tgt Ion: 43 Resp: 3461

Ion Ratio Lower Upper

43 100

58 52.3 24.8 37.2#



#20

Methylene Chloride

Concen: Below Cal

RT: 5.289 min Scan# 567

Delta R.T. 0.012 min

Lab File: VN081232.D

Acq: 27 Feb 2024 20:24

Tgt Ion: 84 Resp: 597

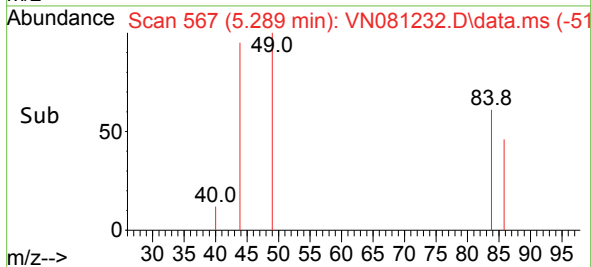
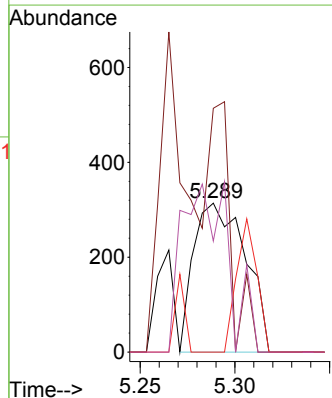
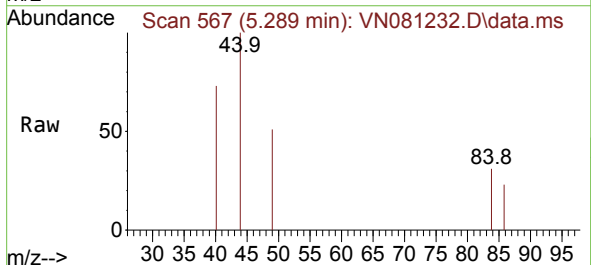
Ion Ratio Lower Upper

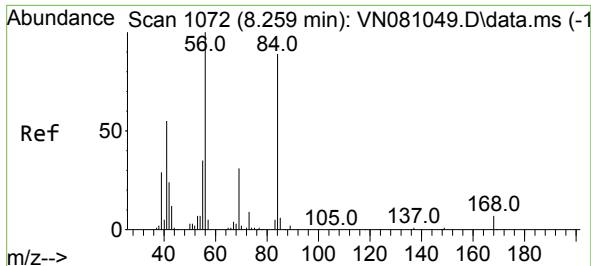
84 100

49 163.7 108.1 162.1#

51 0.0 32.9 49.3#

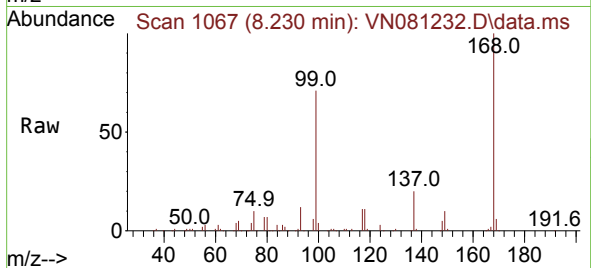
86 74.5 48.6 73.0#



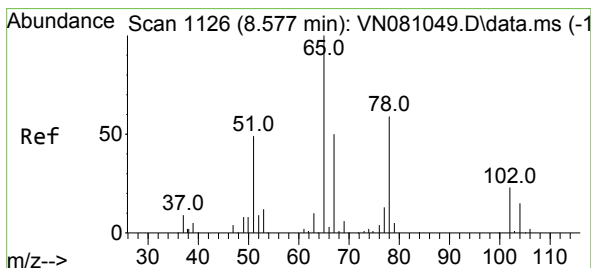
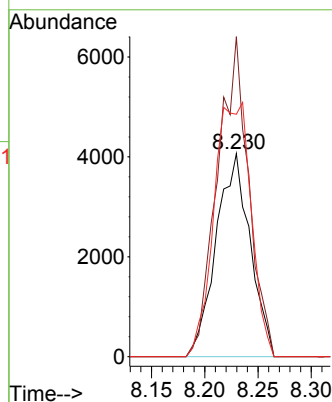
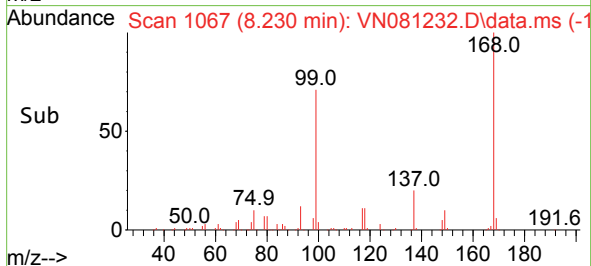


#31
Cyclohexane
Concen: 1.371 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.029 min
Lab File: VN081232.D
Acq: 27 Feb 2024 20:24

Instrument :
MSVOA_N
ClientSampleId :
BPOW1-7-20240223

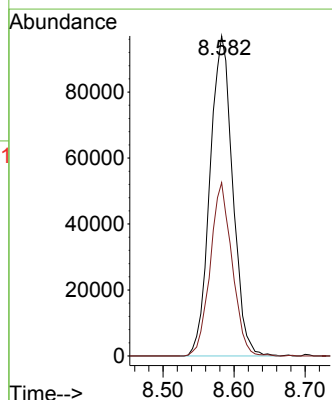
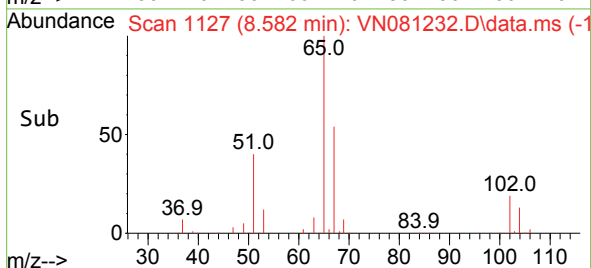
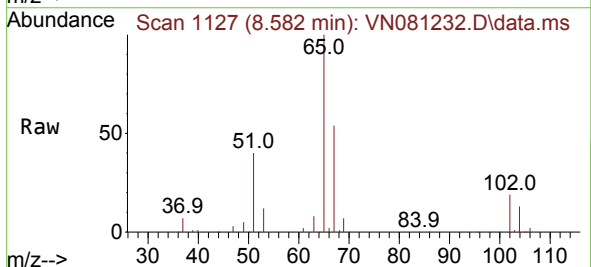


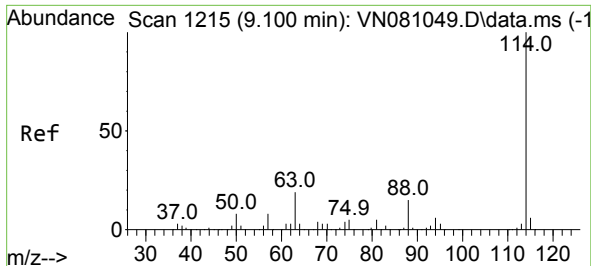
Tgt Ion: 56 Resp: 9005
Ion Ratio Lower Upper
56 100
69 157.7 20.1 30.1#
84 130.2 56.9 85.3#



#33
1,2-Dichloroethane-d4
Concen: 56.614 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. 0.006 min
Lab File: VN081232.D
Acq: 27 Feb 2024 20:24

Tgt Ion: 65 Resp: 215314
Ion Ratio Lower Upper
65 100
67 52.1 0.0 102.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN081232.D

Acq: 27 Feb 2024 20:24

Instrument :

MSVOA_N

ClientSampleId :

BPOW1-7-20240223

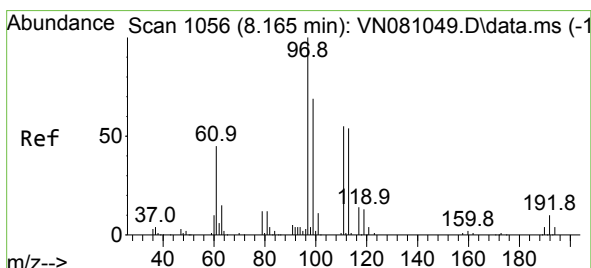
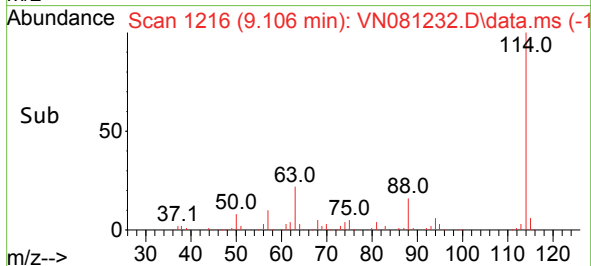
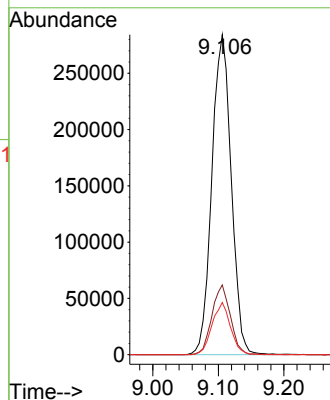
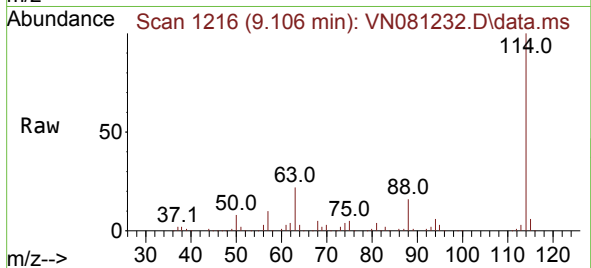
Tgt Ion:114 Resp: 583122

Ion Ratio Lower Upper

114 100

63 21.8 0.0 48.0

88 16.3 0.0 34.8



#35

Dibromofluoromethane

Concen: 50.920 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. 0.006 min

Lab File: VN081232.D

Acq: 27 Feb 2024 20:24

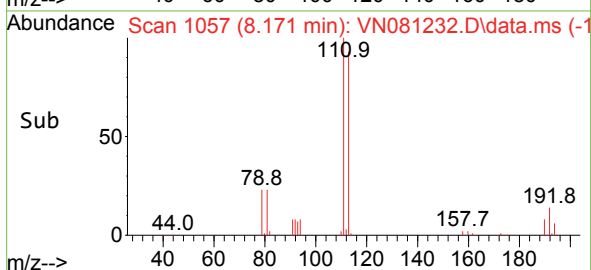
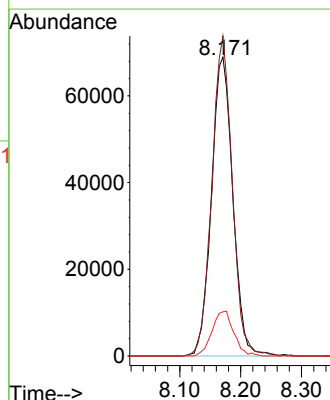
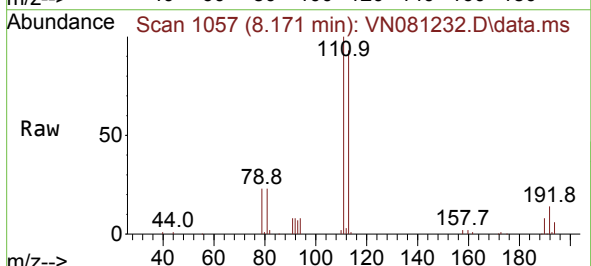
Tgt Ion:113 Resp: 167904

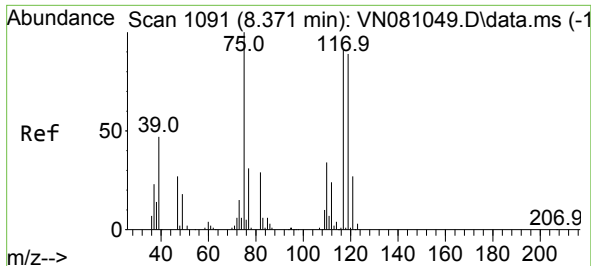
Ion Ratio Lower Upper

113 100

111 102.0 82.2 123.4

192 15.3 12.5 18.7

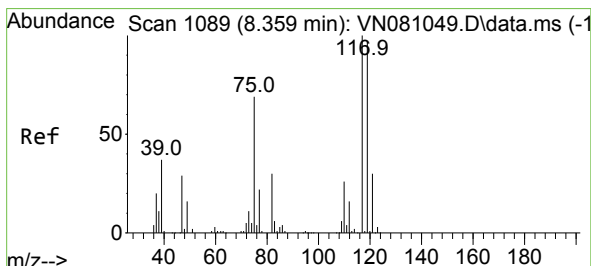
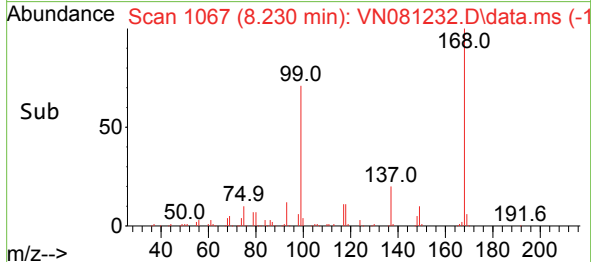
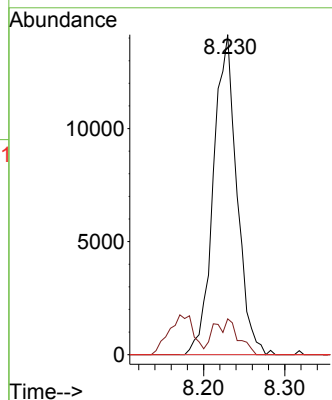
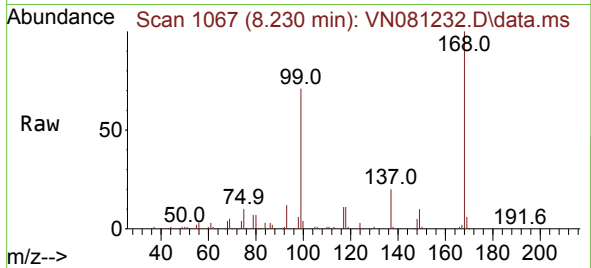




#36
1,1-Dichloropropene
Concen: 5.037 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.141 min
Lab File: VN081232.D
Acq: 27 Feb 2024 20:24

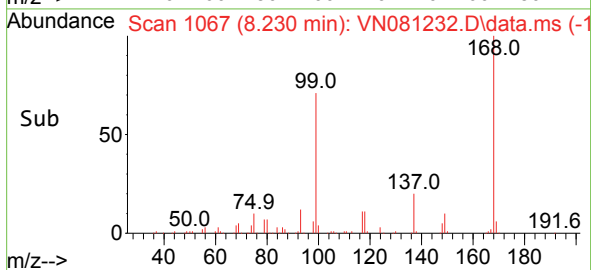
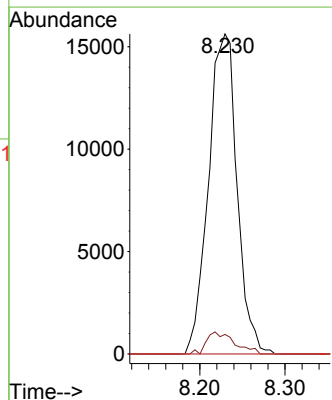
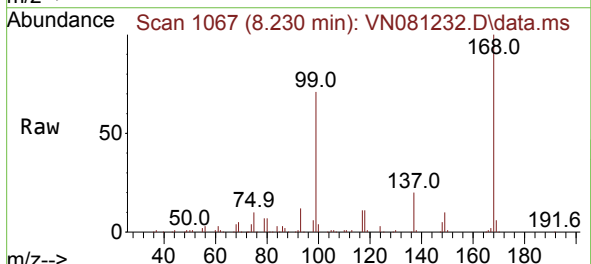
Instrument :
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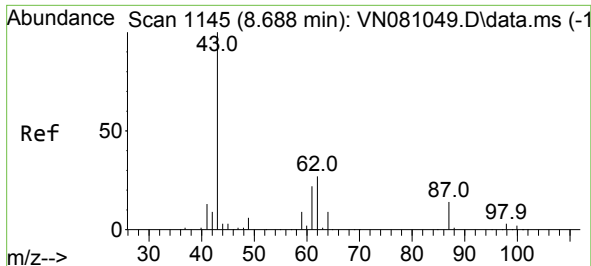
Tgt Ion: 75 Resp: 28453
Ion Ratio Lower Upper
75 100
110 4.0 16.0 48.0#
77 0.0 25.8 38.6#



#38
Carbon Tetrachloride
Concen: 6.370 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.129 min
Lab File: VN081232.D
Acq: 27 Feb 2024 20:24

Tgt Ion: 117 Resp: 36409
Ion Ratio Lower Upper
117 100
119 6.1 73.4 110.2#
121 0.0 24.4 36.6#

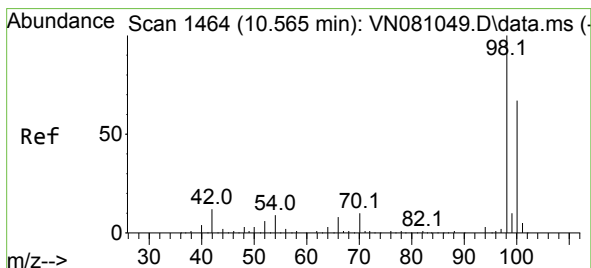
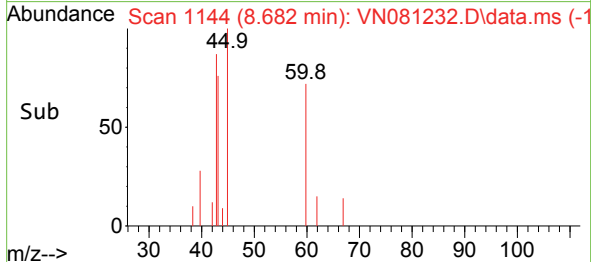
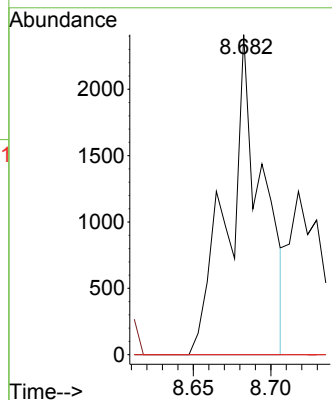
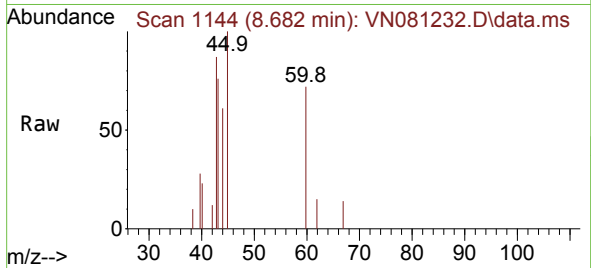




#43
Isopropyl Acetate
Concen: 0.417 ug/l
RT: 8.682 min Scan# 1145
Delta R.T. -0.006 min
Lab File: VN081232.D
Acq: 27 Feb 2024 20:24

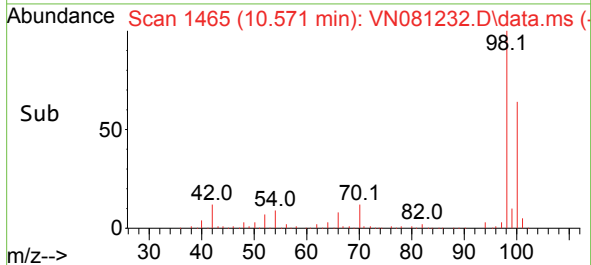
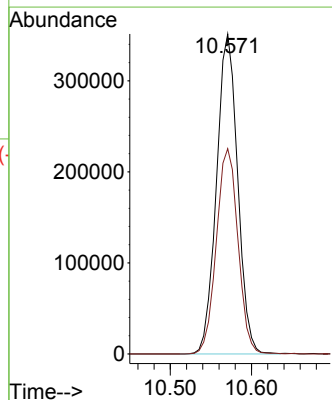
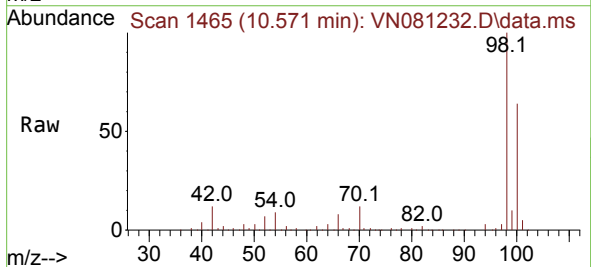
Instrument :
MSVOA_N
ClientSampleId :
BPOW1-7-20240223

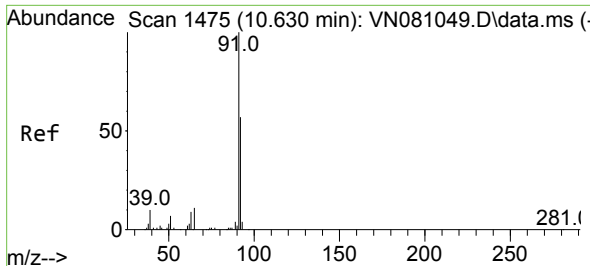
Tgt Ion: 43 Resp: 3720
Ion Ratio Lower Upper
43 100
61 0.0 19.9 29.9#
87 0.0 9.0 13.6#



#50
Toluene-d8
Concen: 54.363 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.006 min
Lab File: VN081232.D
Acq: 27 Feb 2024 20:24

Tgt Ion: 98 Resp: 636663
Ion Ratio Lower Upper
98 100
100 65.4 51.4 77.0

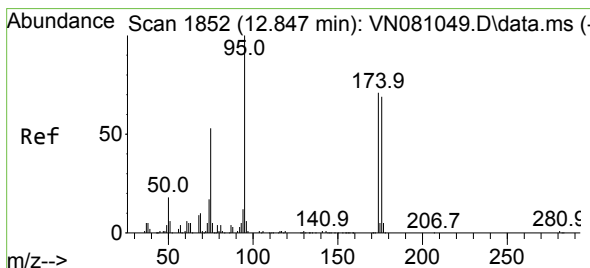
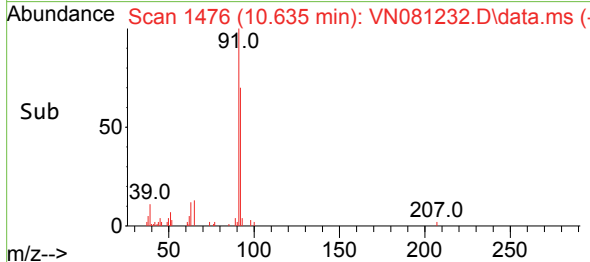
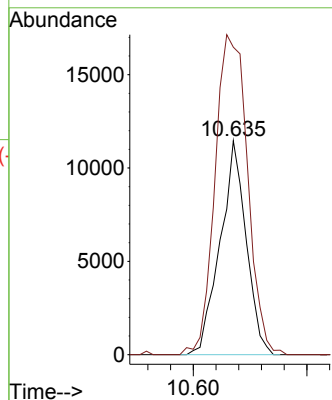
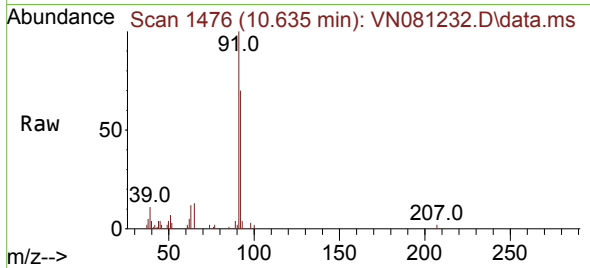




#52
Toluene
Concen: 1.764 ug/l
RT: 10.635 min Scan# 1475
Delta R.T. 0.006 min
Lab File: VN081232.D
Acq: 27 Feb 2024 20:24

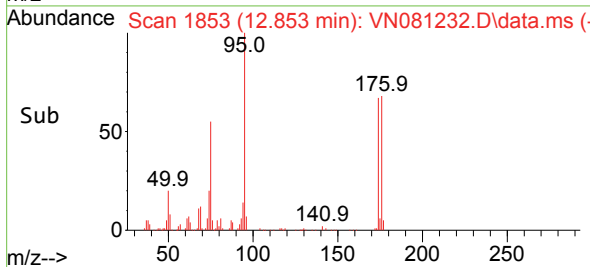
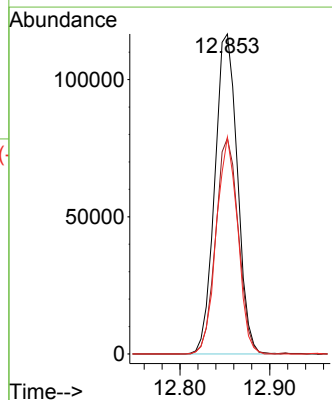
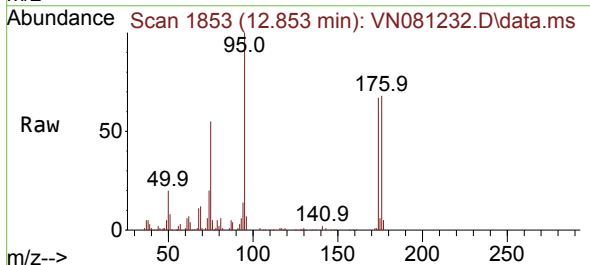
Instrument :
MSVOA_N
ClientSampleId :
BPOW1-7-20240223

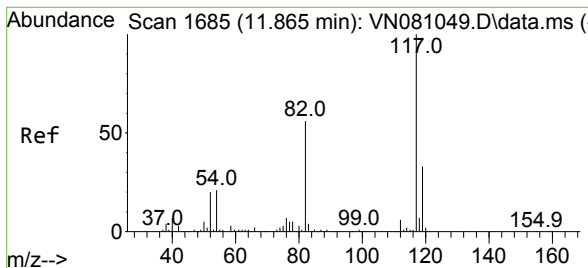
Tgt Ion: 92 Resp: 18261
Ion Ratio Lower Upper
92 100
91 186.3 139.4 209.0



#62
4-Bromofluorobenzene
Concen: 46.377 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN081232.D
Acq: 27 Feb 2024 20:24

Tgt Ion: 95 Resp: 204085
Ion Ratio Lower Upper
95 100
174 67.9 0.0 120.4
176 64.2 0.0 121.0

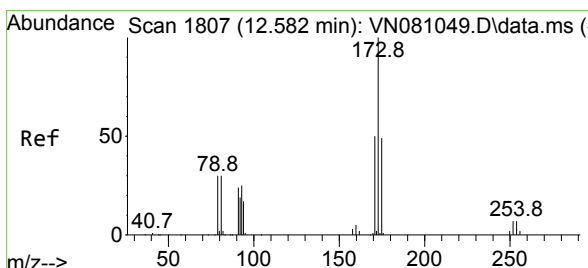
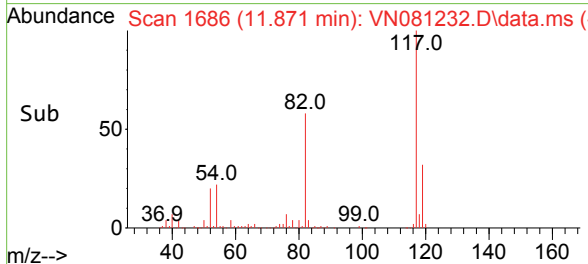
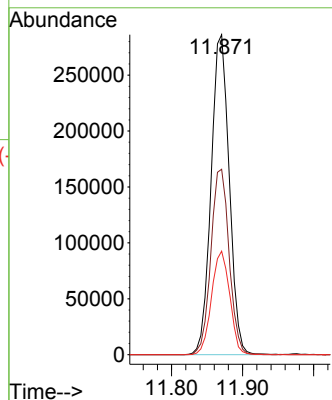
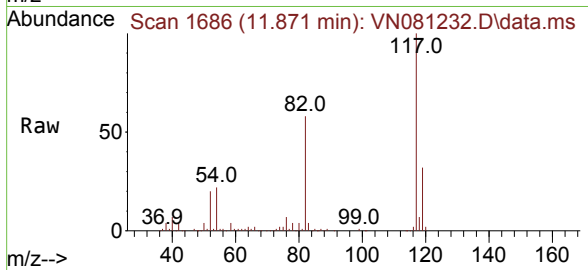




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 117
Delta R.T. 0.006 min
Lab File: VN081232.D
Acq: 27 Feb 2024 20:24

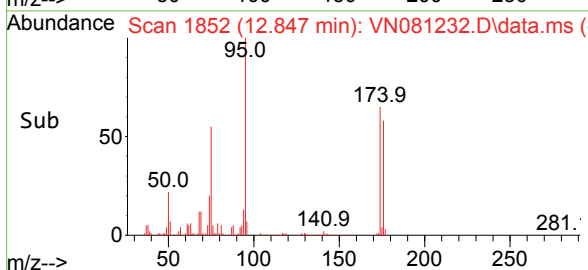
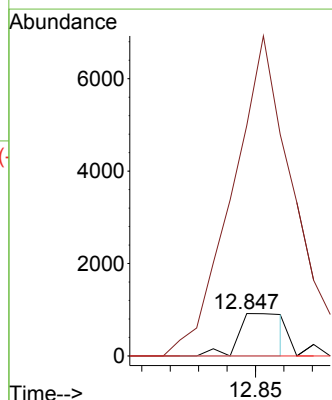
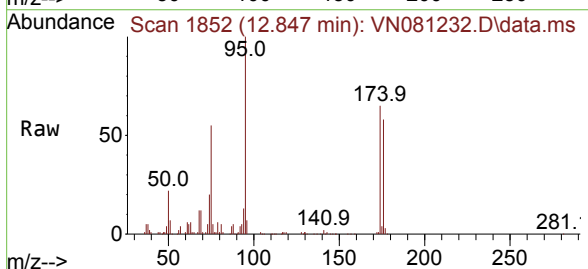
Instrument :
MSVOA_N
ClientSampleId :
BPOW1-7-20240223

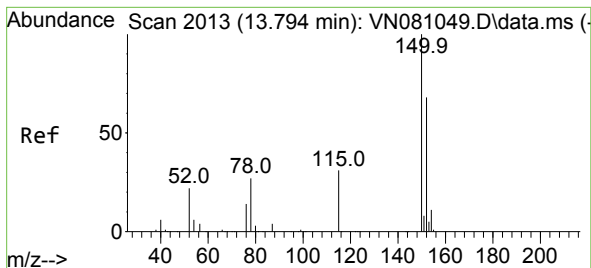
Tgt Ion:117 Resp: 506724
Ion Ratio Lower Upper
117 100
82 57.9 52.7 79.1
119 32.3 25.3 37.9



#71
Bromoform
Concen: 0.407 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.265 min
Lab File: VN081232.D
Acq: 27 Feb 2024 20:24

Tgt Ion:173 Resp: 1016
Ion Ratio Lower Upper
173 100
175 800.5 23.1 69.2#
254 0.0 0.0 0.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 2013

Delta R.T. -0.000 min

Lab File: VN081232.D

Acq: 27 Feb 2024 20:24

Instrument :

MSVOA_N

ClientSampleId :

BPOW1-7-20240223

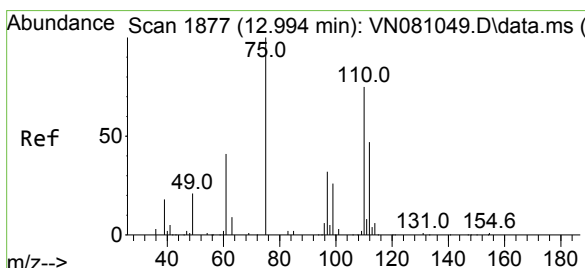
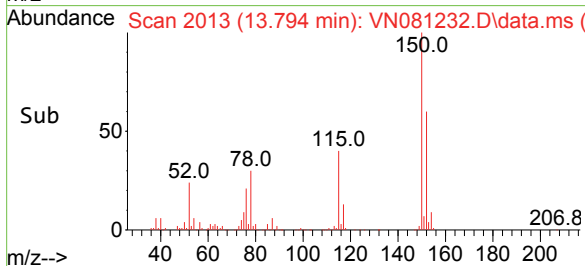
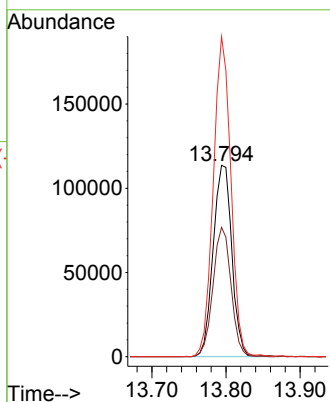
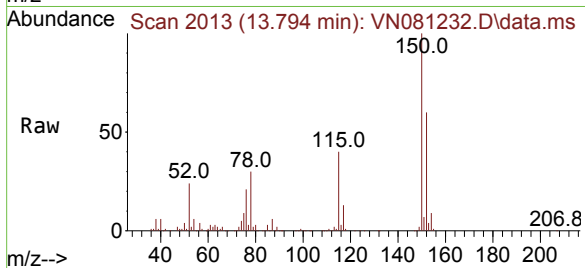
Tgt Ion:152 Resp: 199124

Ion Ratio Lower Upper

152 100

115 65.1 32.3 96.8

150 157.1 0.0 339.8



#76

1,2,3-Trichloropropane

Concen: 25.045 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. -0.141 min

Lab File: VN081232.D

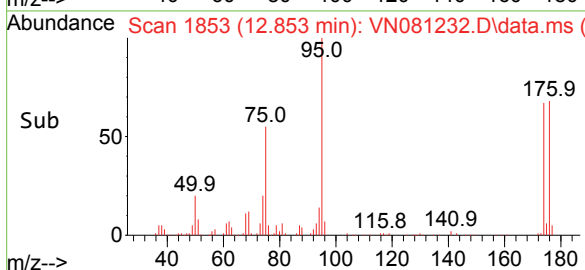
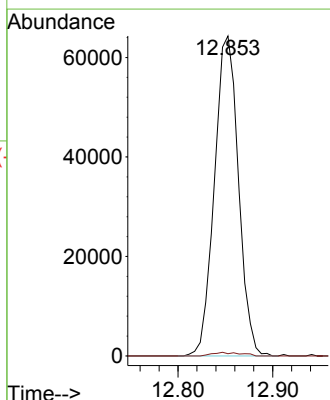
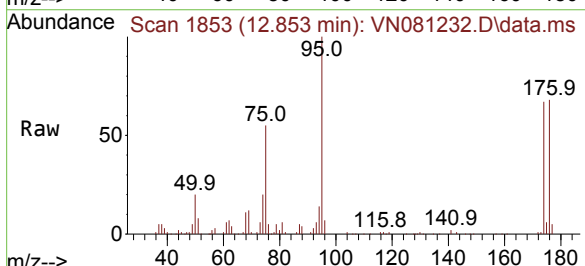
Acq: 27 Feb 2024 20:24

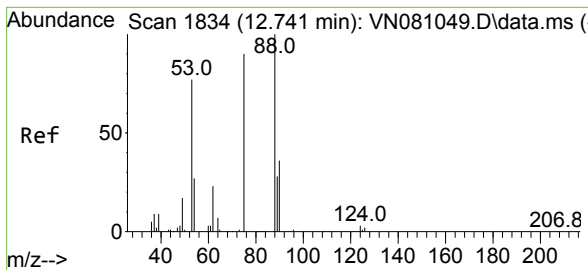
Tgt Ion: 75 Resp: 113309

Ion Ratio Lower Upper

75 100

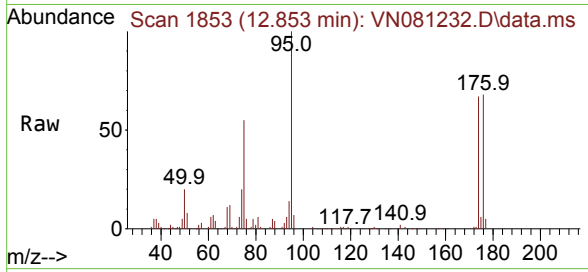
77 1.3 91.0 272.8#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 64.464 ug/l
 RT: 12.853 min Scan# 11
 Delta R.T. 0.112 min
 Lab File: VN081232.D
 Acq: 27 Feb 2024 20:24

Instrument :
 MSVOA_N
 ClientSampleId :
 BPOW1-7-20240223



Tgt Ion: 75 Resp: 113309
 Ion Ratio Lower Upper
 75 100
 53 0.1 71.4 107.2#
 89 0.1 33.4 50.0#

