

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN022824\
 Data File : VN081248.D
 Acq On : 28 Feb 2024 17:17
 Operator : JC\MD
 Sample : P1590-14
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 BPOW1-8-20240223

Quant Time: Feb 28 23:29:16 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)

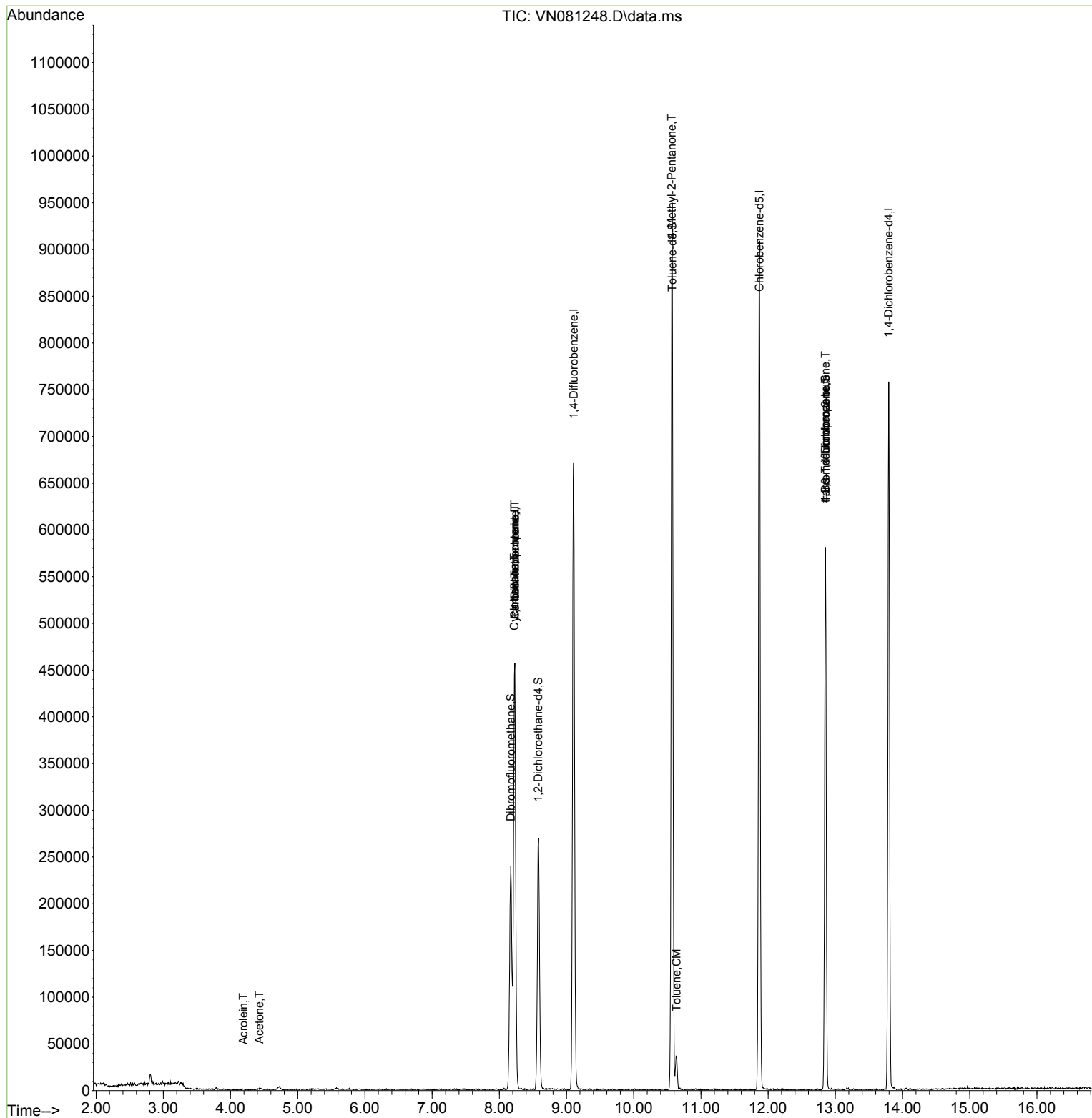
Internal Standards						
1) Pentafluorobenzene	8.230	168	305029	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	582635	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	503843	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	191528	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	212671	56.882	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 113.760%	
35) Dibromofluoromethane	8.171	113	168610	51.177	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 102.360%	
50) Toluene-d8	10.571	98	639966	54.690	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 109.380%	
62) 4-Bromofluorobenzene	12.853	95	201448	45.816	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 91.640%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.365	50	1012	Below Cal	#	78
6) Chloroethane	3.106	64	388	Below Cal	#	42
13) Acrolein	4.189	56	419	1.137	ug/l #	60
16) Acetone	4.430	43	2770	1.883	ug/l #	88
20) Methylene Chloride	5.289	84	170	Below Cal	#	11
31) Cyclohexane	8.224	56	8702	1.348	ug/l #	1
36) 1,1-Dichloropropene	8.230	75	30057	5.325	ug/l #	50
38) Carbon Tetrachloride	8.230	117	34300	6.006	ug/l #	19
51) 4-Methyl-2-Pentanone	10.565	43	3142	0.613	ug/l #	1
52) Toluene	10.635	92	15434	1.492	ug/l	99
76) 1,2,3-Trichloropropane	12.853	75	109013	25.051	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	109013	64.479	ug/l #	14

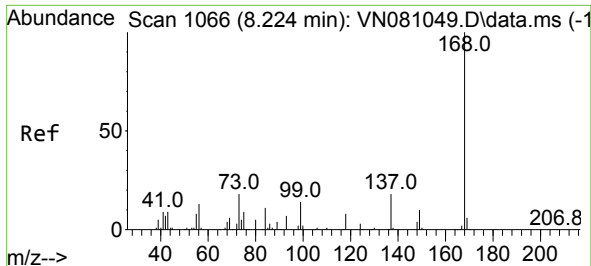
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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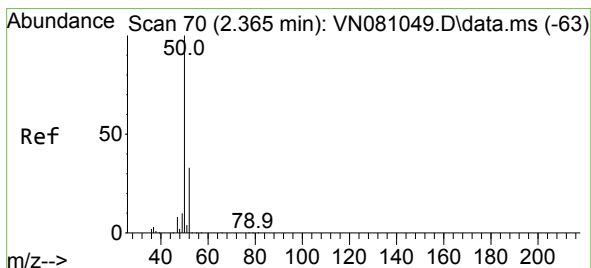
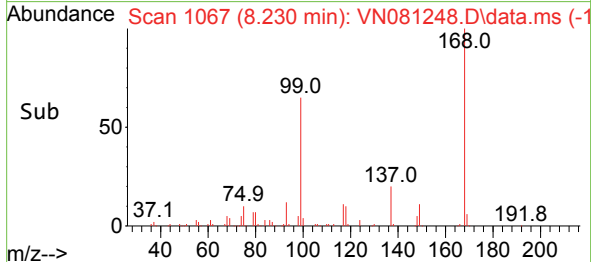
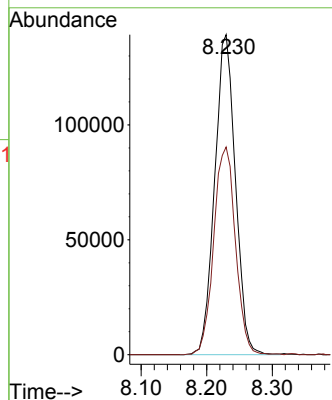
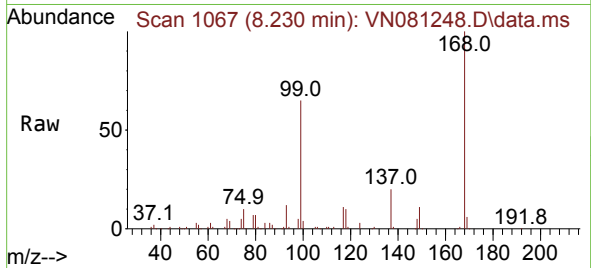




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 10
Delta R.T. 0.006 min
Lab File: VN081248.D
Acq: 28 Feb 2024 17:17

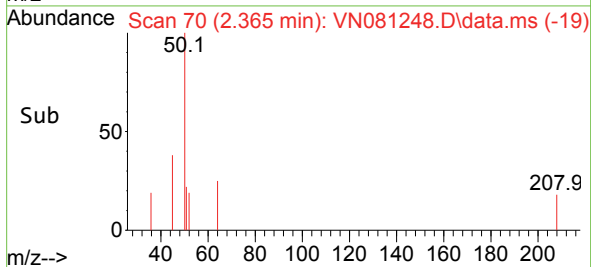
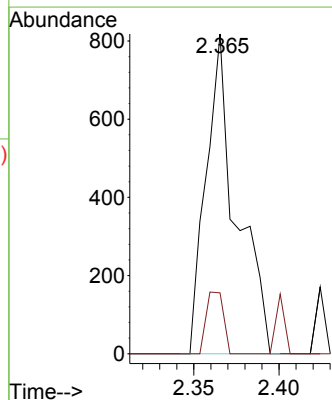
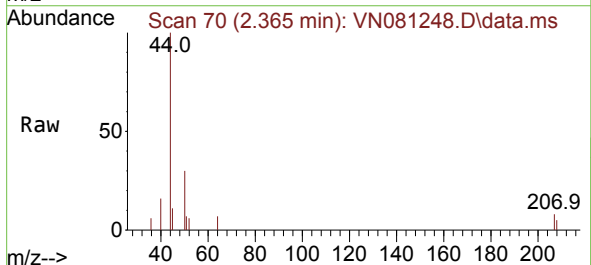
Instrument :
MSVOA_N
ClientSampleId :
BPOW1-8-20240223

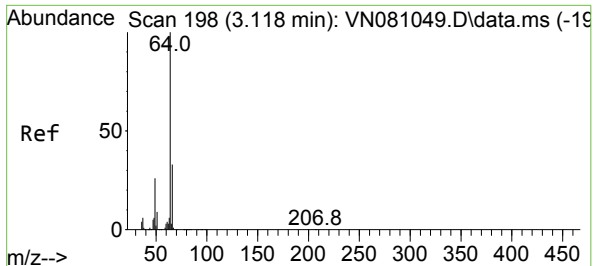
Tgt Ion:168 Resp: 305029
Ion Ratio Lower Upper
168 100
99 64.9 59.9 89.9



#3
Chloromethane
Concen: Below Cal
RT: 2.365 min Scan# 70
Delta R.T. 0.000 min
Lab File: VN081248.D
Acq: 28 Feb 2024 17:17

Tgt Ion: 50 Resp: 1012
Ion Ratio Lower Upper
50 100
52 19.1 25.0 37.4#

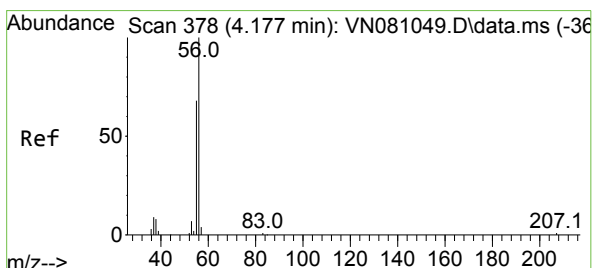
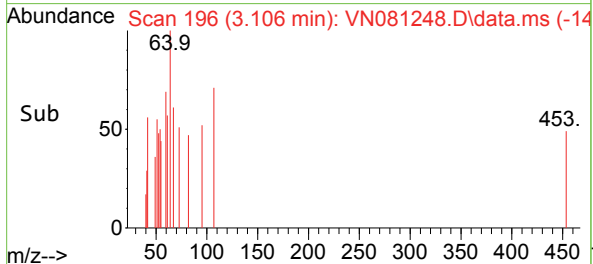
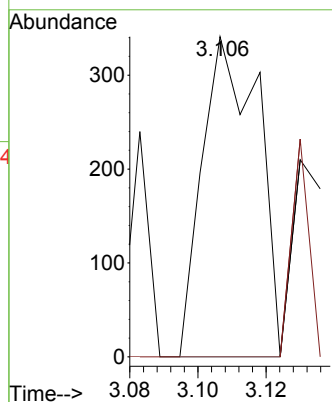
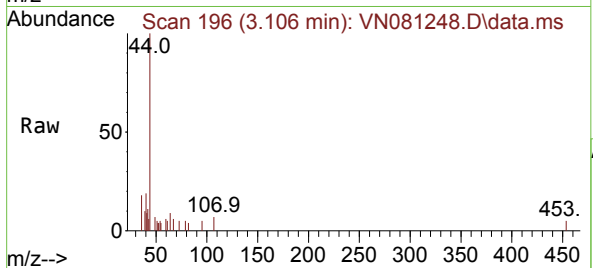




#6
Chloroethane
Concen: Below Cal
RT: 3.106 min Scan# 19
Delta R.T. -0.012 min
Lab File: VN081248.D
Acq: 28 Feb 2024 17:17

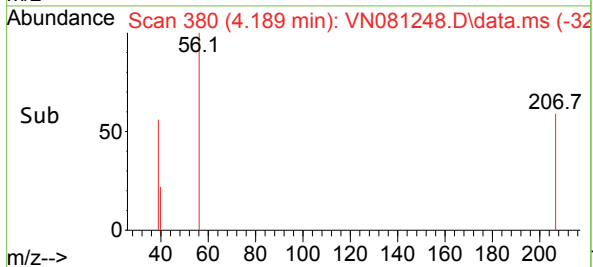
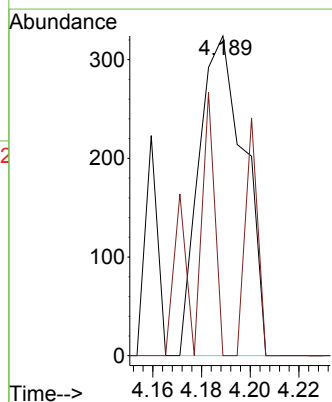
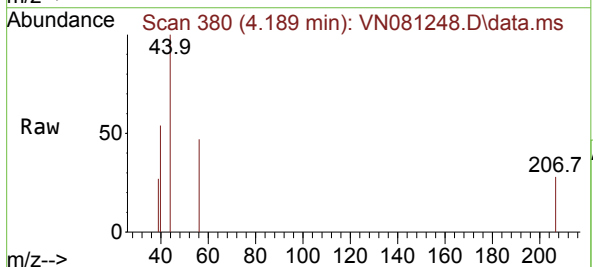
Instrument :
MSVOA_N
ClientSampleId :
BPOW1-8-20240223

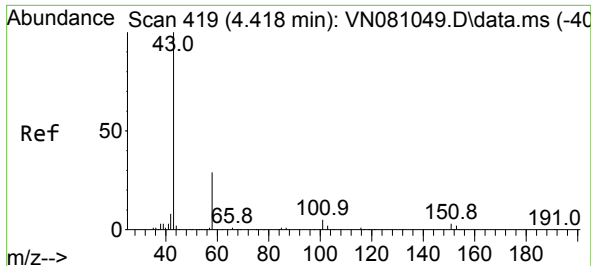
Tgt Ion: 64 Resp: 388
Ion Ratio Lower Upper
64 100
66 0.0 26.4 39.6#



#13
Acrolein
Concen: 1.137 ug/l
RT: 4.189 min Scan# 380
Delta R.T. 0.012 min
Lab File: VN081248.D
Acq: 28 Feb 2024 17:17

Tgt Ion: 56 Resp: 419
Ion Ratio Lower Upper
56 100
55 36.3 55.3 82.9#

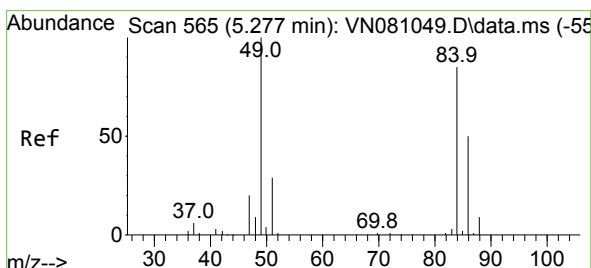
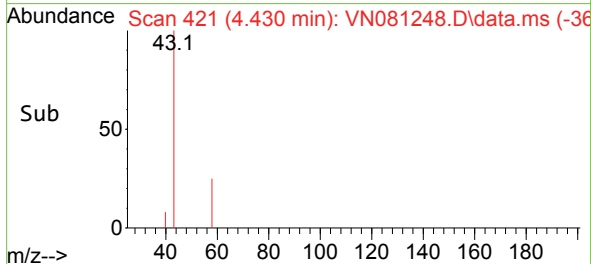
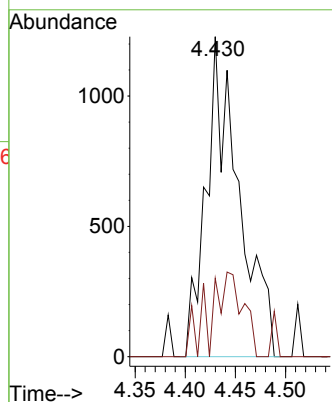
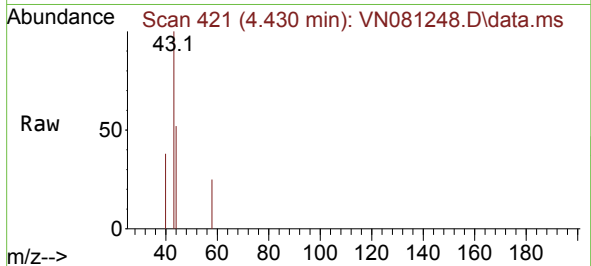




#16
Acetone
Concen: 1.883 ug/l
RT: 4.430 min Scan# 419
Delta R.T. 0.012 min
Lab File: VN081248.D
Acq: 28 Feb 2024 17:17

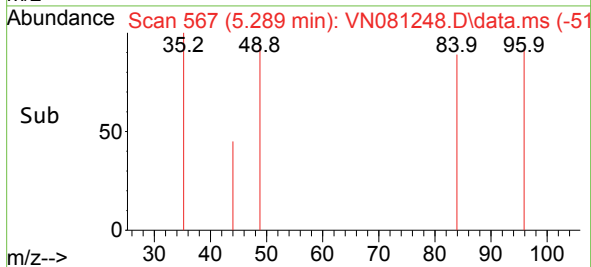
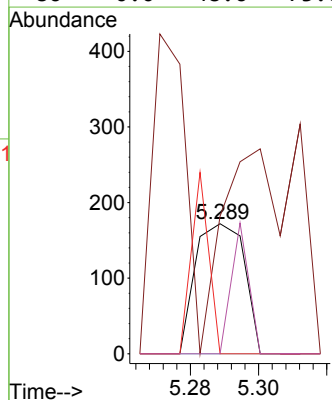
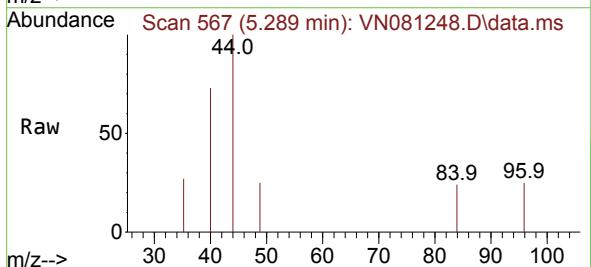
Instrument :
MSVOA_N
ClientSampleId :
BPOW1-8-20240223

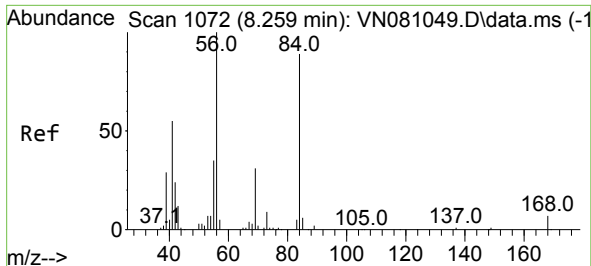
Tgt Ion: 43 Resp: 2770
Ion Ratio Lower Upper
43 100
58 24.5 24.8 37.2#



#20
Methylene Chloride
Concen: Below Cal
RT: 5.289 min Scan# 567
Delta R.T. 0.012 min
Lab File: VN081248.D
Acq: 28 Feb 2024 17:17

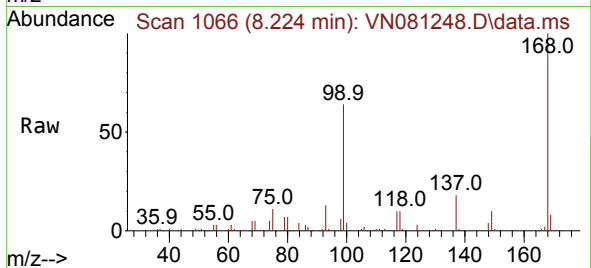
Tgt Ion: 84 Resp: 170
Ion Ratio Lower Upper
84 100
49 15.1 108.1 162.1#
51 0.0 32.9 49.3#
86 0.0 48.6 73.0#



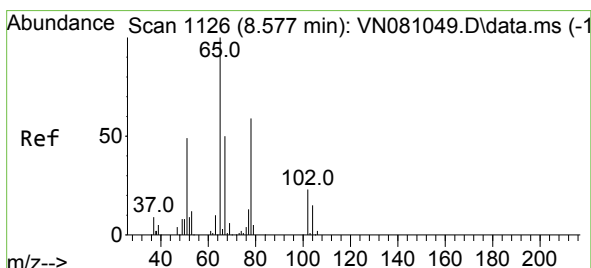
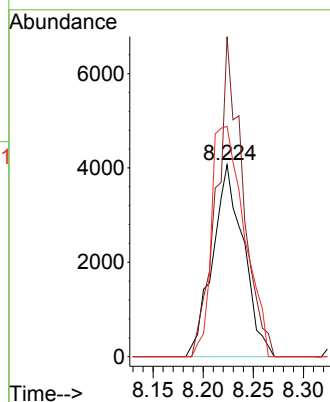
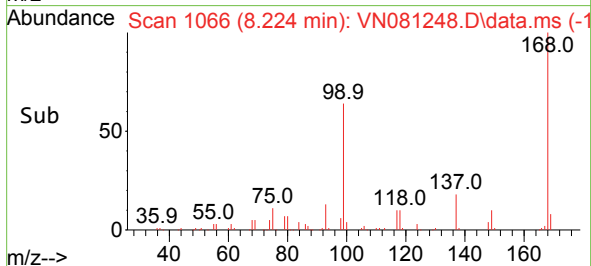


#31
Cyclohexane
Concen: 1.348 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.035 min
Lab File: VN081248.D
Acq: 28 Feb 2024 17:17

Instrument :
MSVOA_N
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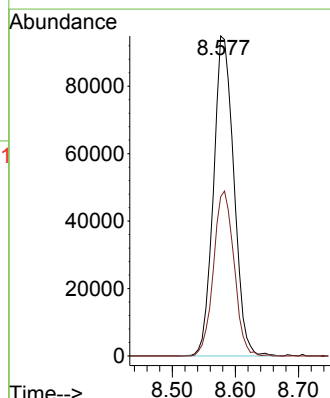
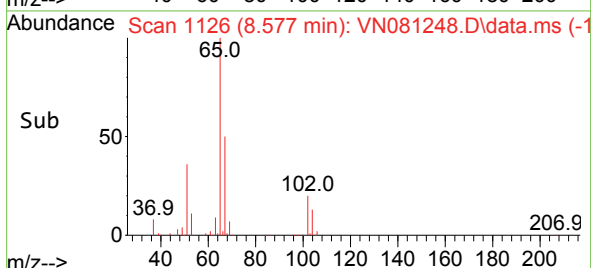
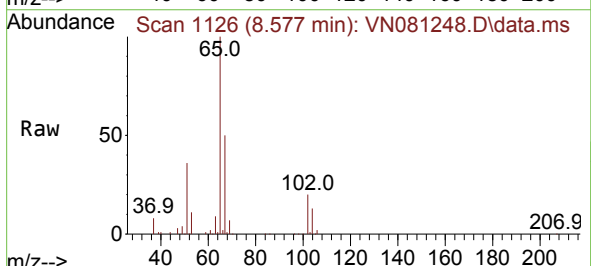


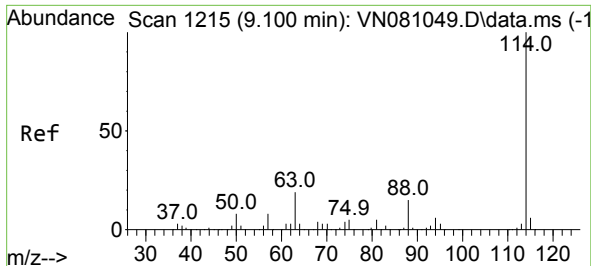
Tgt Ion: 56 Resp: 8702
Ion Ratio Lower Upper
56 100
69 166.8 20.1 30.1#
84 120.0 56.9 85.3#



#33
1,2-Dichloroethane-d4
Concen: 56.882 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VN081248.D
Acq: 28 Feb 2024 17:17

Tgt Ion: 65 Resp: 212671
Ion Ratio Lower Upper
65 100
67 52.0 0.0 102.4

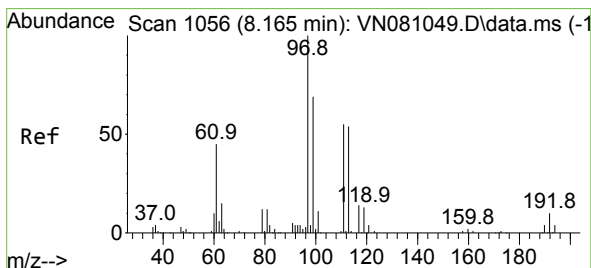
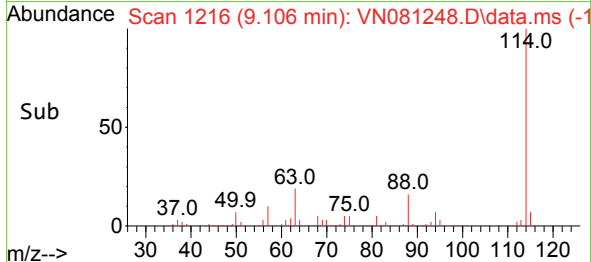
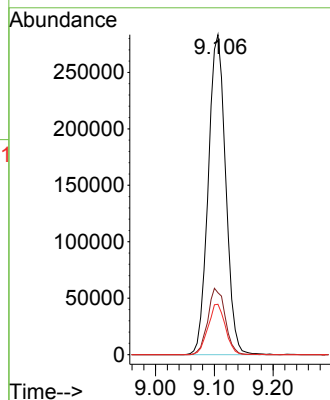
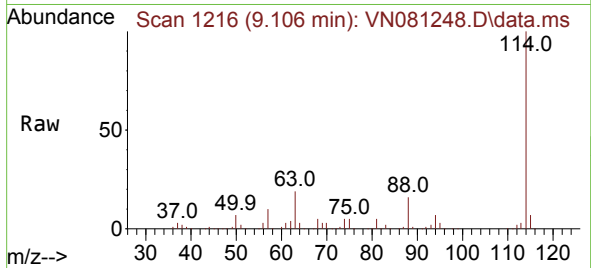




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN081248.D
Acq: 28 Feb 2024 17:17

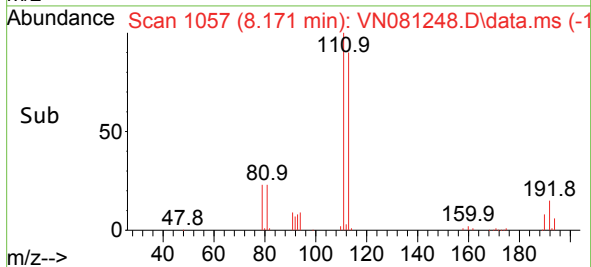
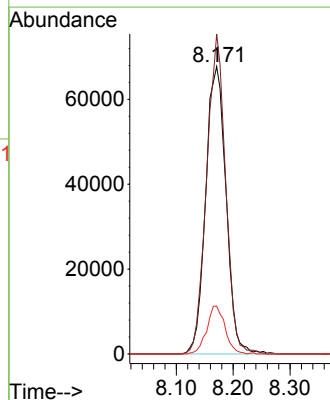
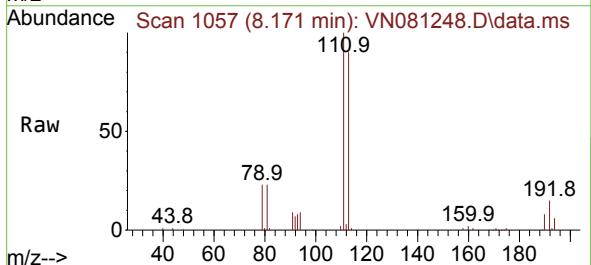
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MSVOA_N
ClientSampleId :
BPOW1-8-20240223

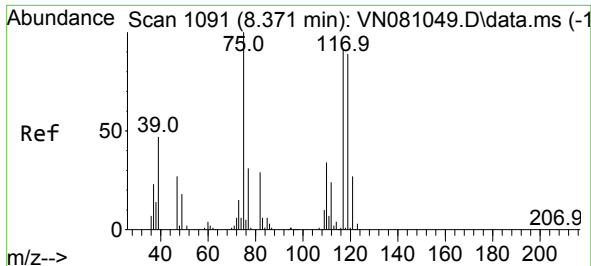
Tgt Ion:114 Resp: 582635
Ion Ratio Lower Upper
114 100
63 19.4 0.0 48.0
88 15.8 0.0 34.8



#35
Dibromofluoromethane
Concen: 51.177 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.006 min
Lab File: VN081248.D
Acq: 28 Feb 2024 17:17

Tgt Ion:113 Resp: 168610
Ion Ratio Lower Upper
113 100
111 103.8 82.2 123.4
192 15.0 12.5 18.7

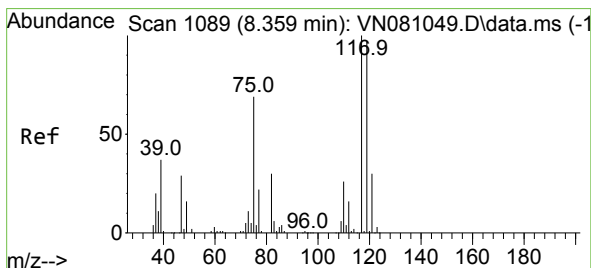
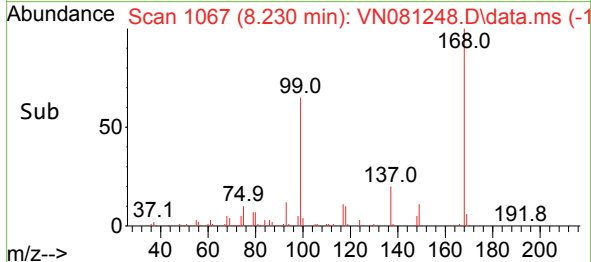
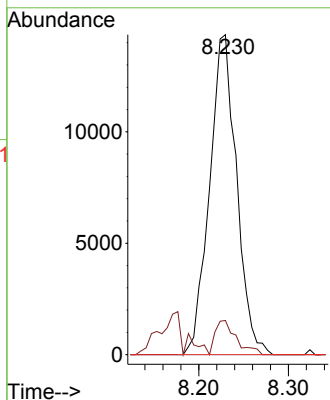
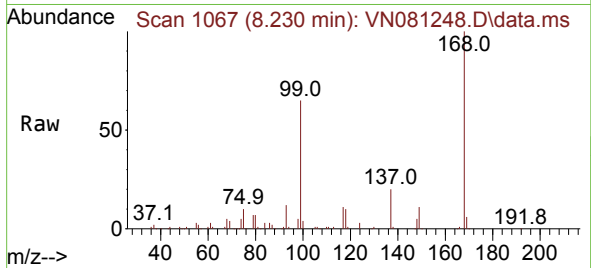




#36
1,1-Dichloropropene
Concen: 5.325 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.141 min
Lab File: VN081248.D
Acq: 28 Feb 2024 17:17

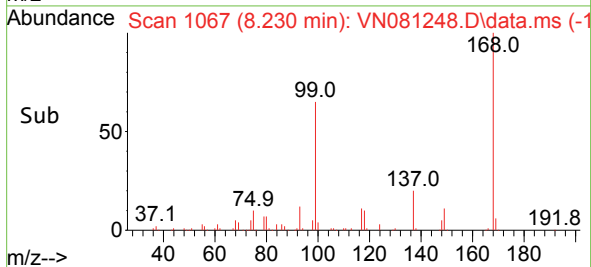
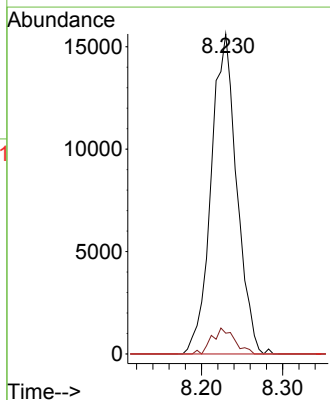
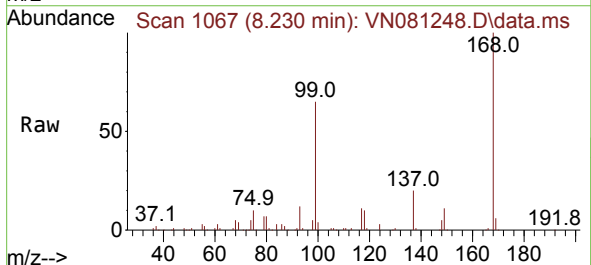
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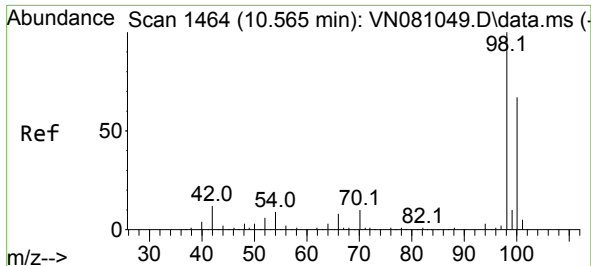
Tgt Ion: 75 Resp: 30057
Ion Ratio Lower Upper
75 100
110 8.3 16.0 48.0#
77 0.0 25.8 38.6#



#38
Carbon Tetrachloride
Concen: 6.006 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.129 min
Lab File: VN081248.D
Acq: 28 Feb 2024 17:17

Tgt Ion: 117 Resp: 34300
Ion Ratio Lower Upper
117 100
119 6.5 73.4 110.2#
121 0.0 24.4 36.6#

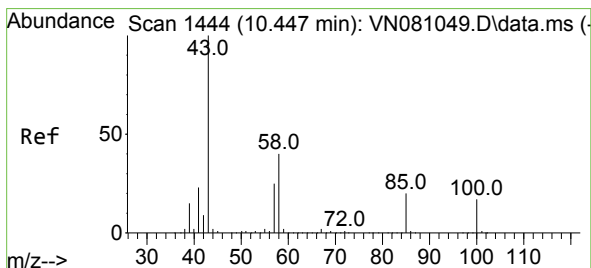
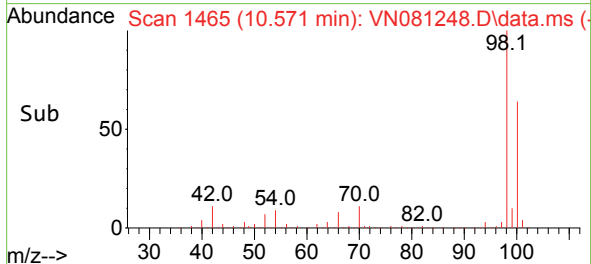
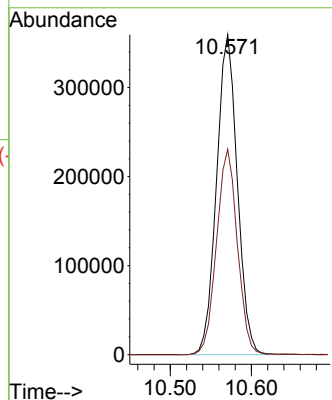
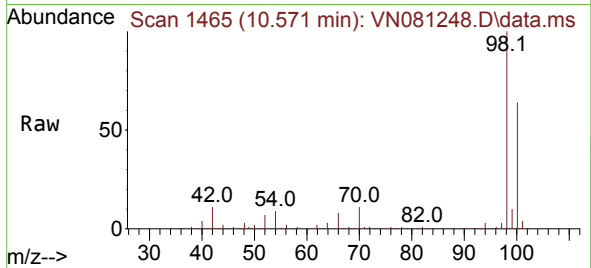




#50
Toluene-d8
Concen: 54.690 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.006 min
Lab File: VN081248.D
Acq: 28 Feb 2024 17:17

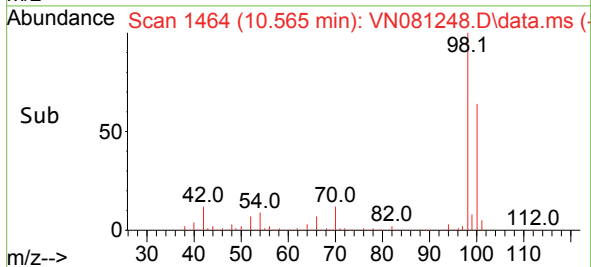
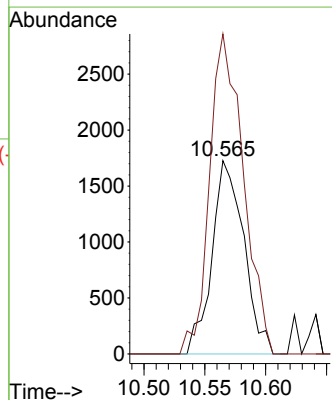
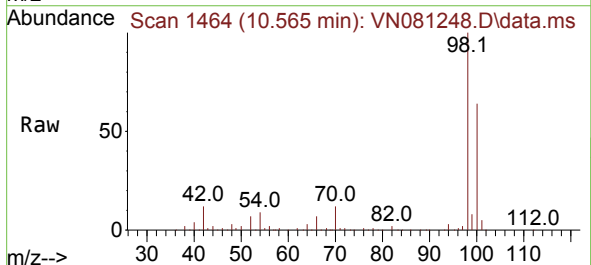
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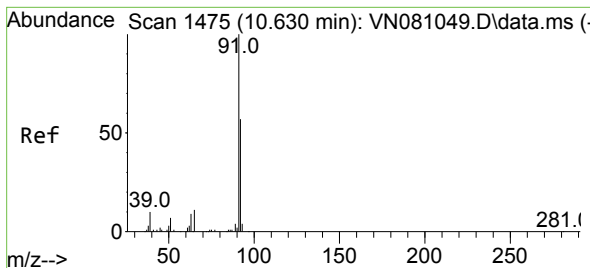
Tgt Ion: 98 Resp: 639966
Ion Ratio Lower Upper
98 100
100 64.3 51.4 77.0



#51
4-Methyl-2-Pentanone
Concen: 0.613 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.118 min
Lab File: VN081248.D
Acq: 28 Feb 2024 17:17

Tgt Ion: 43 Resp: 3142
Ion Ratio Lower Upper
43 100
58 175.7 29.4 44.0#





#52

Toluene

Concen: 1.492 ug/l

RT: 10.635 min Scan# 1475

Delta R.T. 0.006 min

Lab File: VN081248.D

Acq: 28 Feb 2024 17:17

Instrument :

MSVOA_N

ClientSampleId :

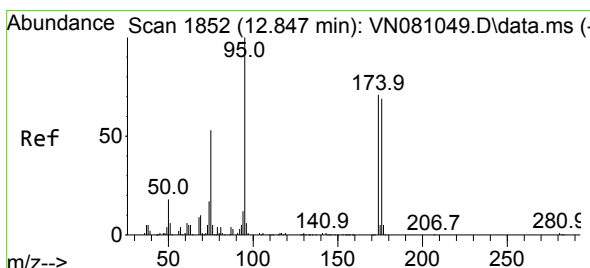
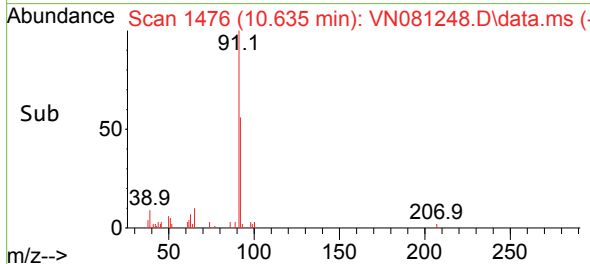
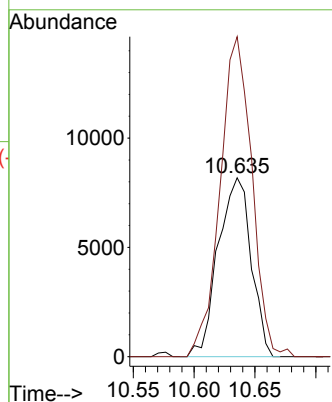
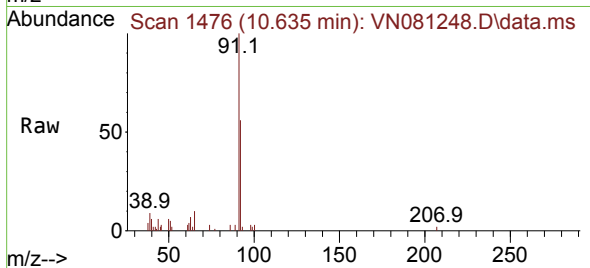
BPOW1-8-20240223

Tgt Ion: 92 Resp: 15434

Ion Ratio Lower Upper

92 100

91 172.5 139.4 209.0



#62

4-Bromofluorobenzene

Concen: 45.816 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. 0.006 min

Lab File: VN081248.D

Acq: 28 Feb 2024 17:17

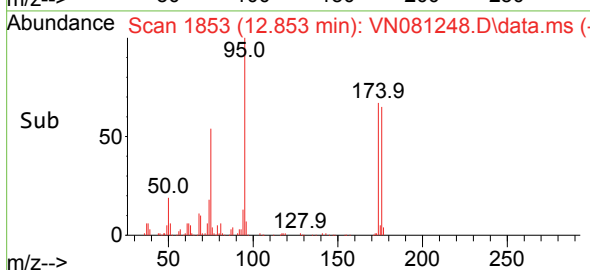
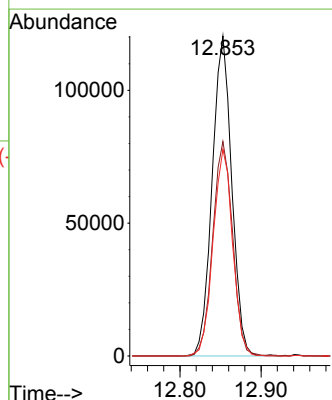
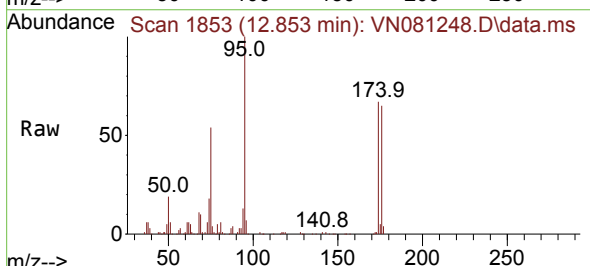
Tgt Ion: 95 Resp: 201448

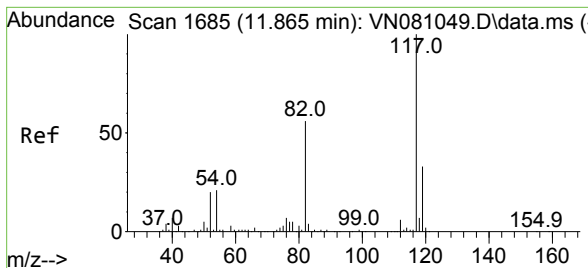
Ion Ratio Lower Upper

95 100

174 67.9 0.0 120.4

176 64.6 0.0 121.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.871 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN081248.D

Acq: 28 Feb 2024 17:17

Instrument :

MSVOA_N

ClientSampleId :

BPOW1-8-20240223

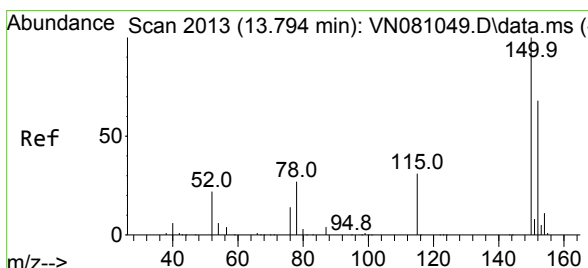
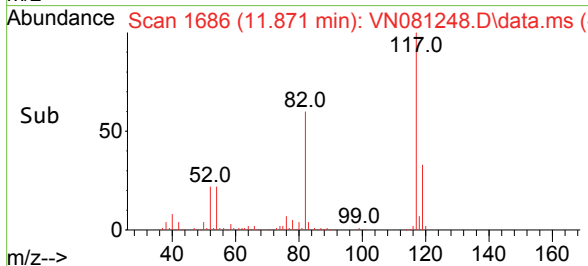
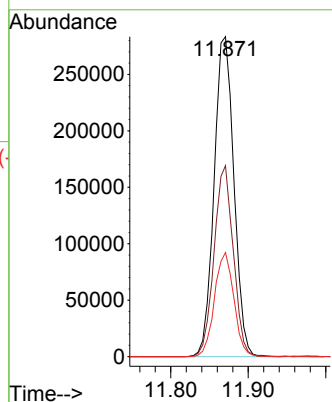
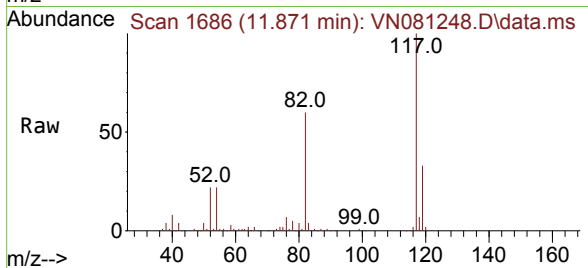
Tgt Ion:117 Resp: 503843

Ion Ratio Lower Upper

117 100

82 59.7 52.7 79.1

119 32.5 25.3 37.9



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 2013

Delta R.T. -0.000 min

Lab File: VN081248.D

Acq: 28 Feb 2024 17:17

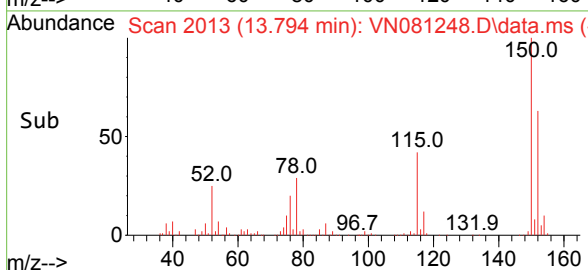
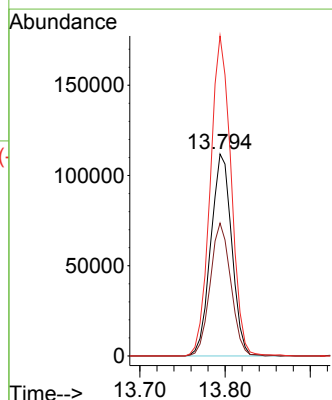
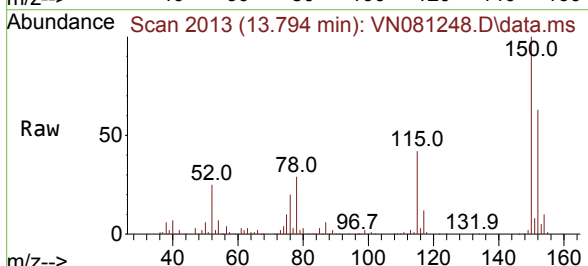
Tgt Ion:152 Resp: 191528

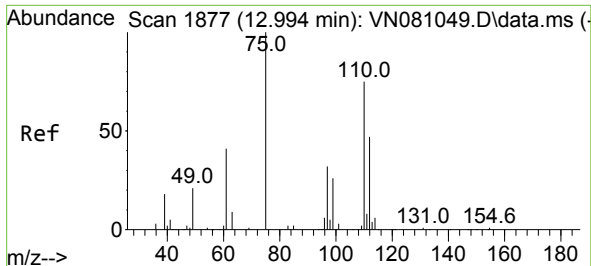
Ion Ratio Lower Upper

152 100

115 64.8 32.3 96.8

150 157.4 0.0 339.8

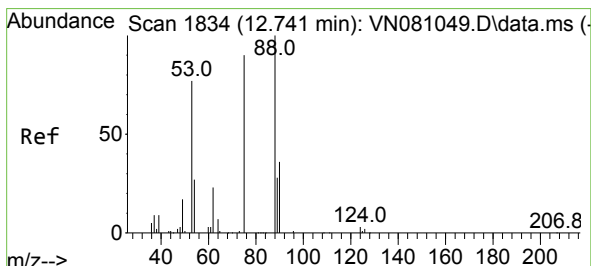
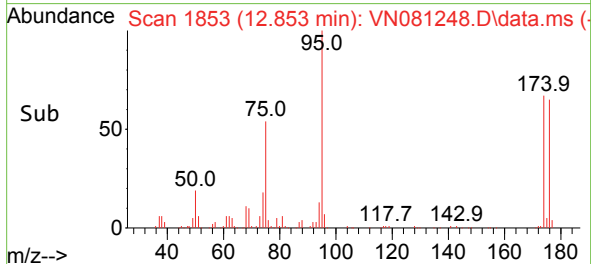
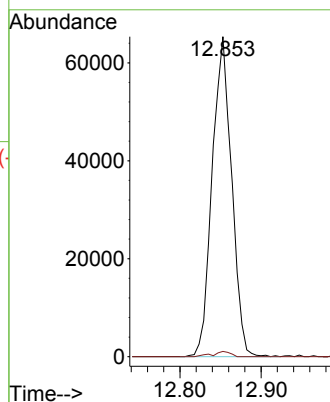
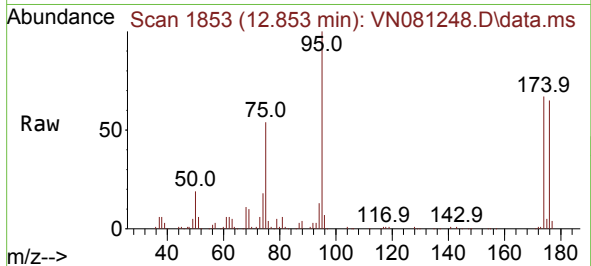




#76
1,2,3-Trichloropropane
Concen: 25.051 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.141 min
Lab File: VN081248.D
Acq: 28 Feb 2024 17:17

Instrument :
MSVOA_N
ClientSampleId :
BPOW1-8-20240223

Tgt Ion: 75 Resp: 109013
Ion Ratio Lower Upper
75 100
77 1.5 91.0 272.8#



#81
trans-1,4-Dichloro-2-butene
Concen: 64.479 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.112 min
Lab File: VN081248.D
Acq: 28 Feb 2024 17:17

Tgt Ion: 75 Resp: 109013
Ion Ratio Lower Upper
75 100
53 0.0 71.4 107.2#
89 0.0 33.4 50.0#

