

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081524\
 Data File : VN083341.D
 Acq On : 15 Aug 2024 19:15
 Operator : JC\MD
 Sample : P3623-03
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 BPOW6-7-HYD-20240814

Quant Time: Aug 16 03:59:37 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N080724W.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 08 06:30:41 2024
 Response via : Initial Calibration

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

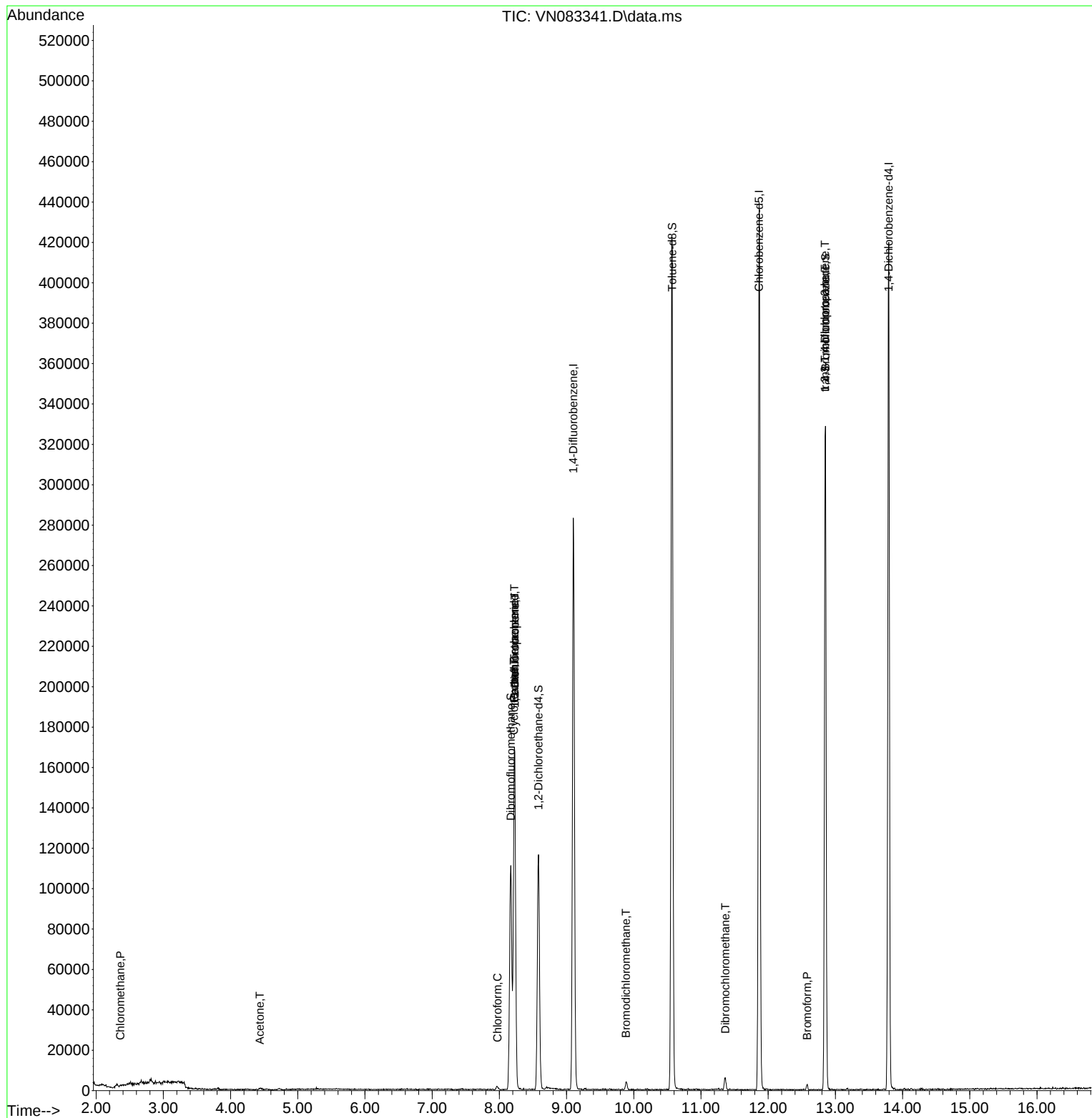
Internal Standards						
1) Pentafluorobenzene	8.224	168	118987	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	237229	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	248301	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	108377	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	100457	59.314	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 118.620%			
35) Dibromofluoromethane	8.171	113	80260	54.203	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 108.400%			
50) Toluene-d8	10.571	98	292268	52.914	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 105.820%			
62) 4-Bromofluorobenzene	12.853	95	120978	56.181	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 112.360%			
Target Compounds						
					Qvalue	
3) Chloromethane	2.359	50	449	0.325	ug/l #	1
16) Acetone	4.436	43	784	1.183	ug/l #	48
30) Chloroform	7.971	83	1643	0.619	ug/l	94
31) Cyclohexane	8.218	56	2846	1.134	ug/l #	41
36) 1,1-Dichloropropene	8.230	75	11560	5.161	ug/l #	48
38) Carbon Tetrachloride	8.224	117	13855	5.492	ug/l #	17
43) Isopropyl Acetate	8.706	43	981	Below Cal	#	60
47) Bromodichloromethane	9.882	83	3285	1.290	ug/l #	73
60) Dibromochloromethane	11.365	129	3685	2.017	ug/l	99
71) Bromoform	12.582	173	1205	0.822	ug/l #	89
76) 1,2,3-Trichloropropane	12.847	75	66183	27.824	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	66183	60.525	ug/l #	6

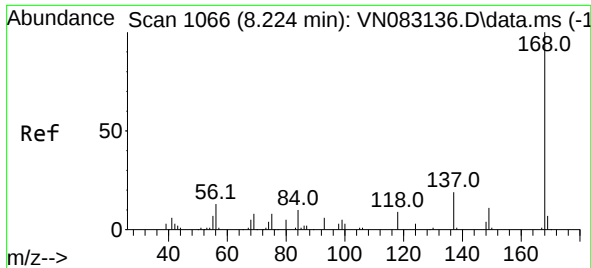
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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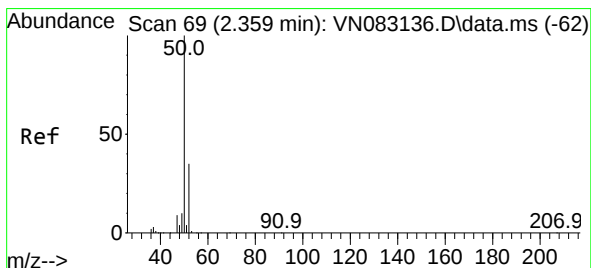
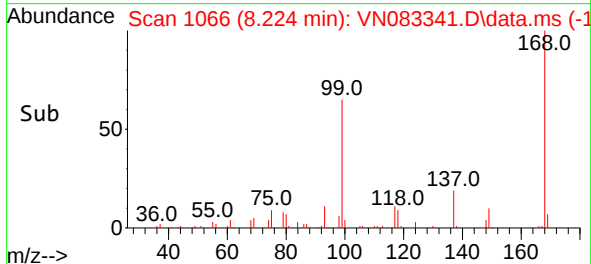
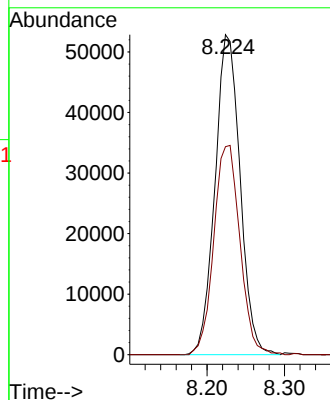
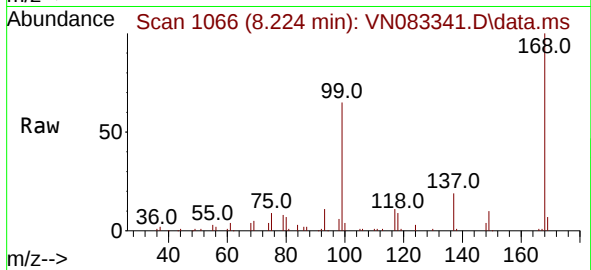




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN083341.D
Acq: 15 Aug 2024 19:15

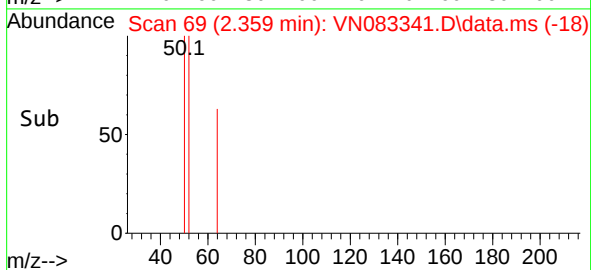
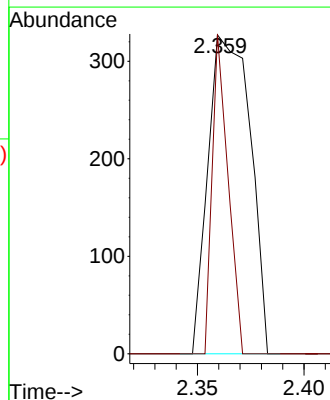
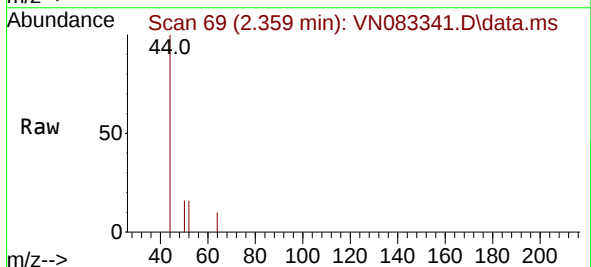
Instrument :
MSVOA_N
ClientSampleId :
BPOW6-7-HYD-20240814

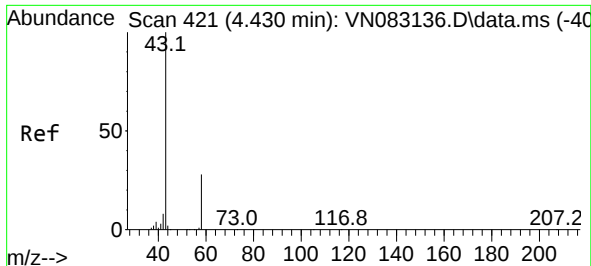
Tgt Ion:168 Resp: 118987
Ion Ratio Lower Upper
168 100
99 65.0 48.2 72.4



#3
Chloromethane
Concen: 0.325 ug/l
RT: 2.359 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN083341.D
Acq: 15 Aug 2024 19:15

Tgt Ion: 50 Resp: 449
Ion Ratio Lower Upper
50 100
52 100.3 25.0 37.4#

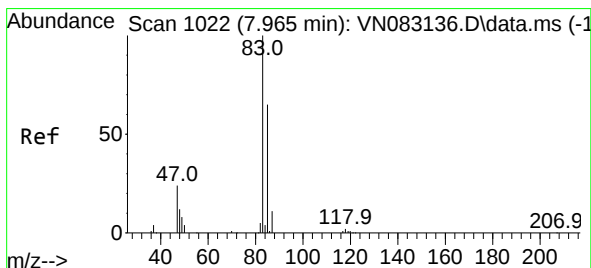
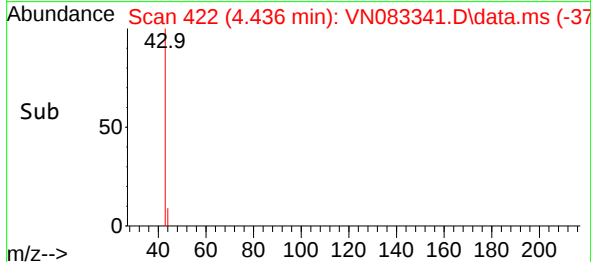
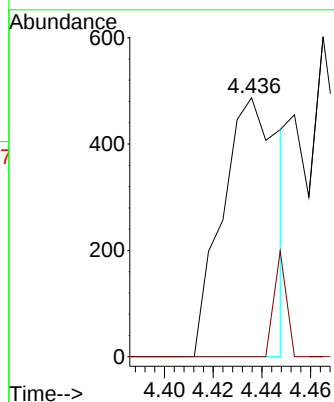
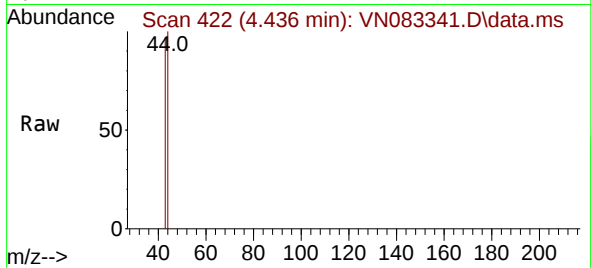




#16
Acetone
Concen: 1.183 ug/l
RT: 4.436 min Scan# 41
Delta R.T. 0.006 min
Lab File: VN083341.D
Acq: 15 Aug 2024 19:15

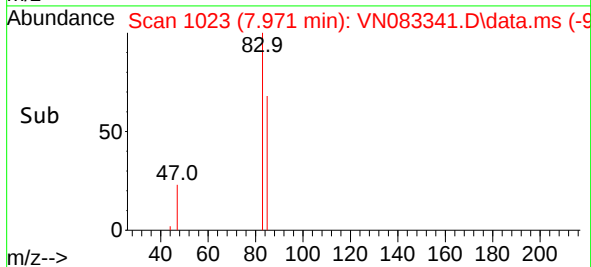
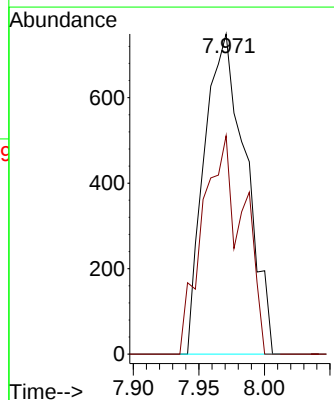
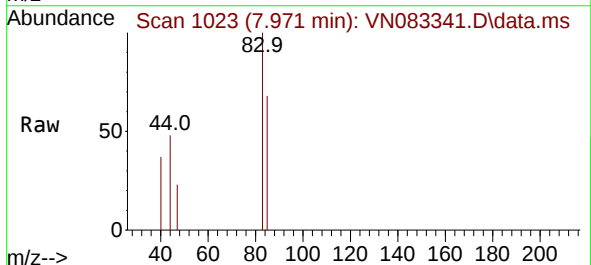
Instrument :
MSVOA_N
ClientSampleId :
BPOW6-7-HYD-20240814

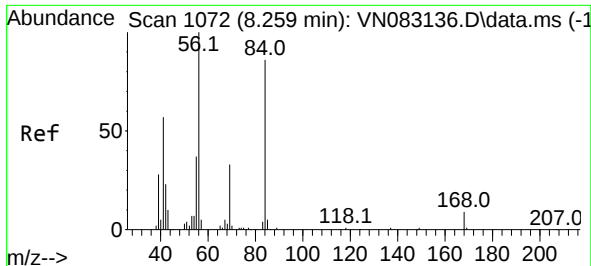
Tgt Ion: 43 Resp: 784
Ion Ratio Lower Upper
43 100
58 0.0 21.8 32.6#



#30
Chloroform
Concen: 0.619 ug/l
RT: 7.971 min Scan# 1023
Delta R.T. 0.006 min
Lab File: VN083341.D
Acq: 15 Aug 2024 19:15

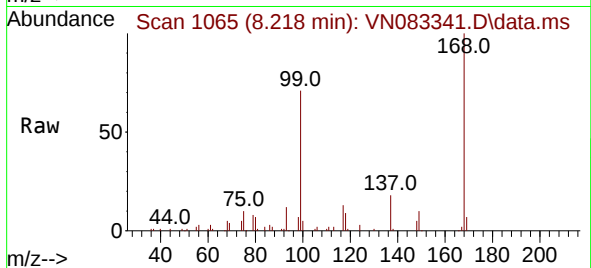
Tgt Ion: 83 Resp: 1643
Ion Ratio Lower Upper
83 100
85 68.2 50.9 76.3



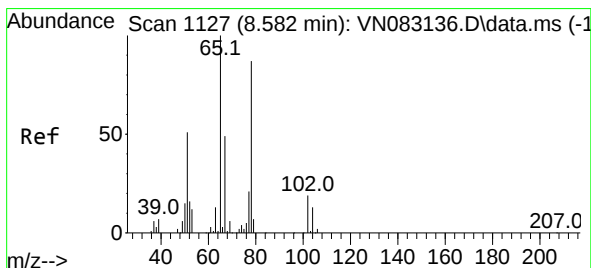
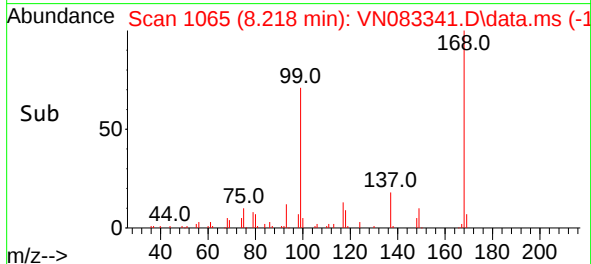
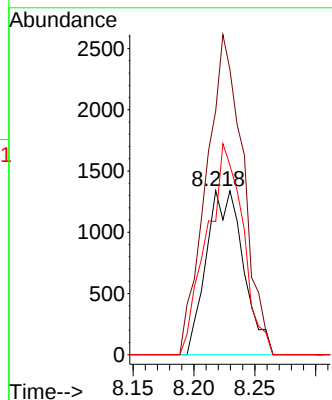


#31
Cyclohexane
Concen: 1.134 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.041 min
Lab File: VN083341.D
Acq: 15 Aug 2024 19:15

Instrument :
MSVOA_N
ClientSampleId :
BPOW6-7-HYD-20240814

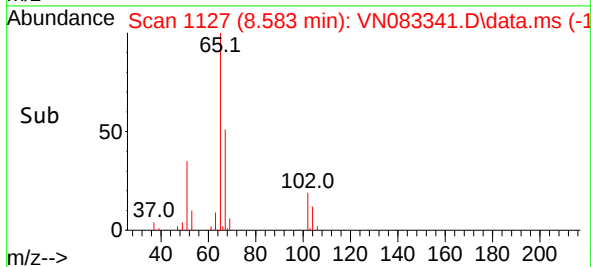
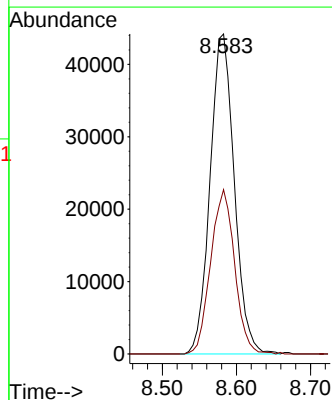
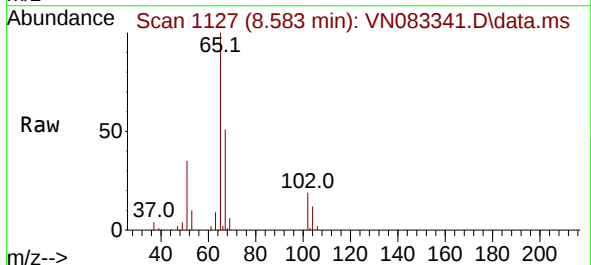


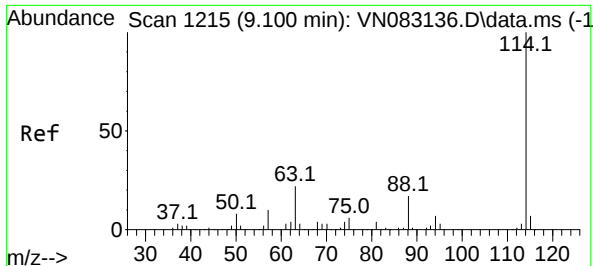
Tgt Ion	Ratio	Lower	Upper
56	100		
69	148.7	24.5	36.7#
84	81.2	66.0	99.0



#33
1,2-Dichloroethane-d4
Concen: 59.314 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. 0.001 min
Lab File: VN083341.D
Acq: 15 Aug 2024 19:15

Tgt Ion	Ratio	Lower	Upper
65	100		
67	50.8	0.0	104.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN083341.D

Acq: 15 Aug 2024 19:15

Instrument :

MSVOA_N

ClientSampleId :

BPOW6-7-HYD-20240814

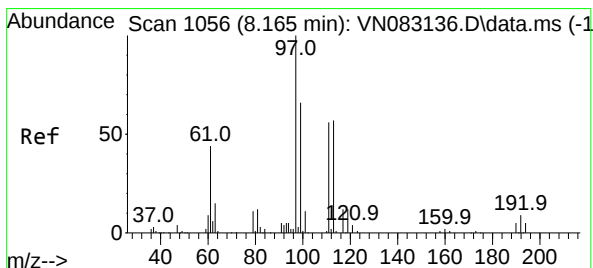
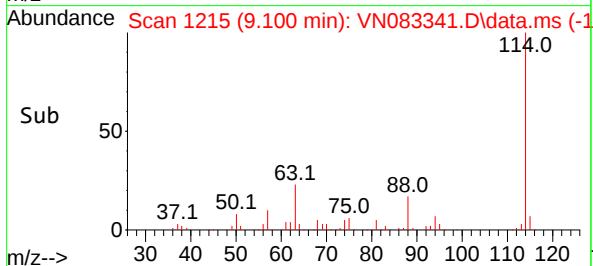
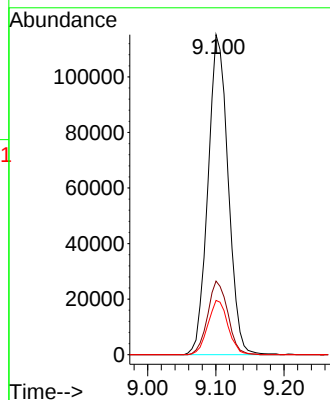
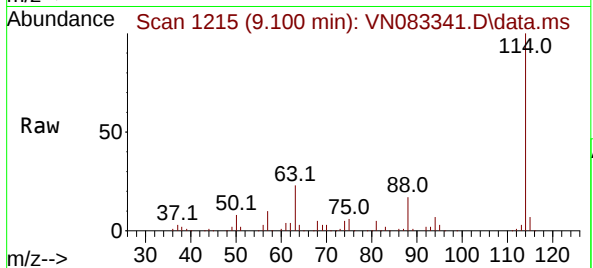
Tgt Ion:114 Resp: 237229

Ion Ratio Lower Upper

114 100

63 23.0 0.0 44.6

88 17.0 0.0 31.4



#35

Dibromofluoromethane

Concen: 54.203 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. 0.006 min

Lab File: VN083341.D

Acq: 15 Aug 2024 19:15

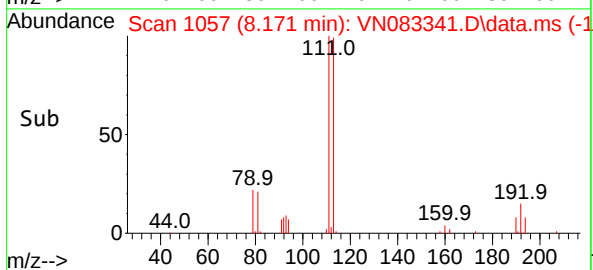
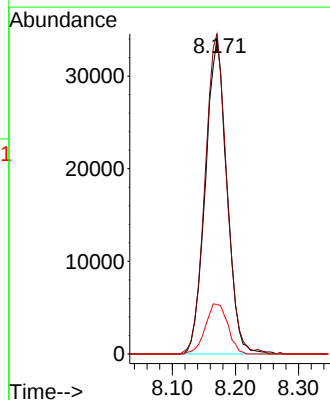
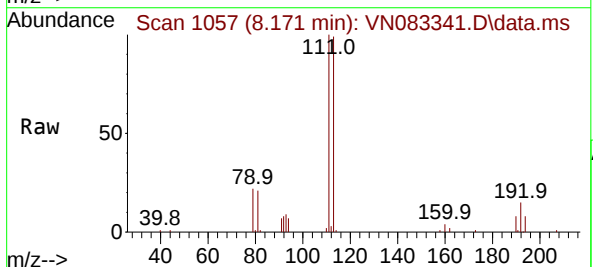
Tgt Ion:113 Resp: 80260

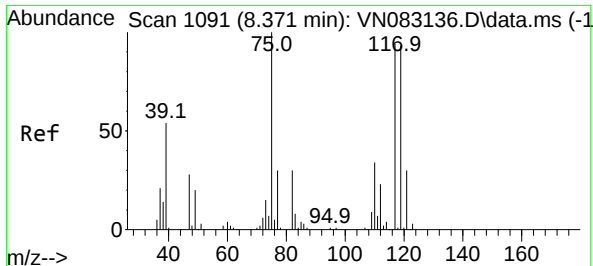
Ion Ratio Lower Upper

113 100

111 102.9 82.4 123.6

192 16.6 14.9 22.3





#36

1,1-Dichloropropene

Concen: 5.161 ug/l

RT: 8.230 min Scan# 1067

Delta R.T. -0.141 min

Lab File: VN083341.D

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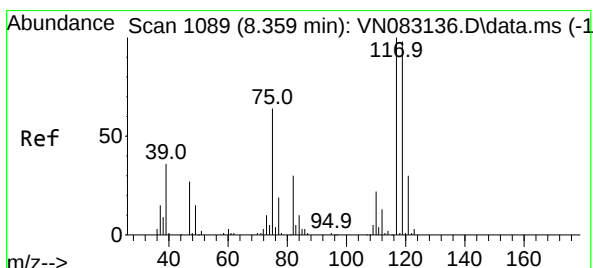
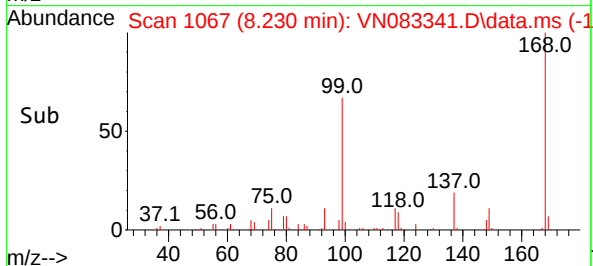
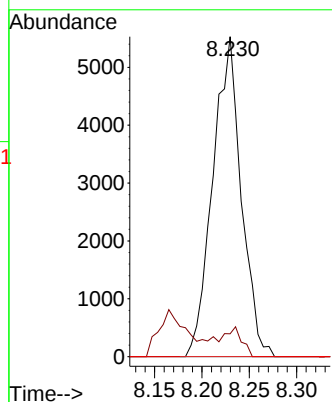
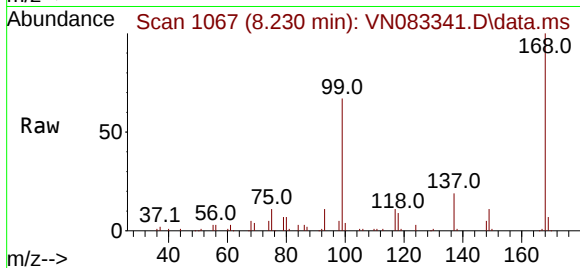
Tgt Ion: 75 Resp: 11560

Ion Ratio Lower Upper

75 100

110 5.4 16.3 48.9#

77 0.0 24.6 37.0#



#38

Carbon Tetrachloride

Concen: 5.492 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.135 min

Lab File: VN083341.D

Acq: 15 Aug 2024 19:15

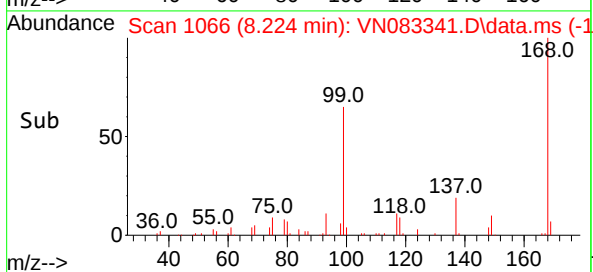
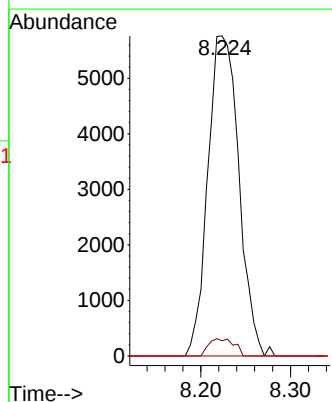
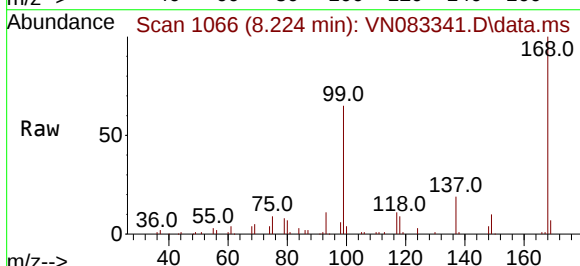
Tgt Ion: 117 Resp: 13855

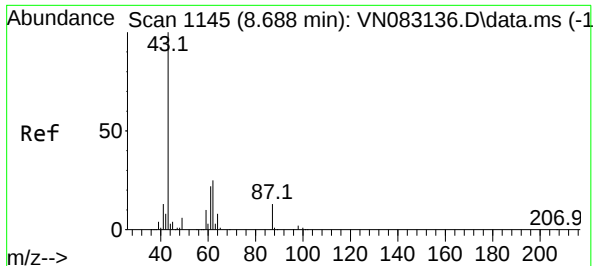
Ion Ratio Lower Upper

117 100

119 4.7 74.9 112.3#

121 0.0 24.3 36.5#





#43

Isopropyl Acetate

Concen: Below Cal

RT: 8.706 min Scan# 1148

Delta R.T. 0.018 min

Lab File: VN083341.D

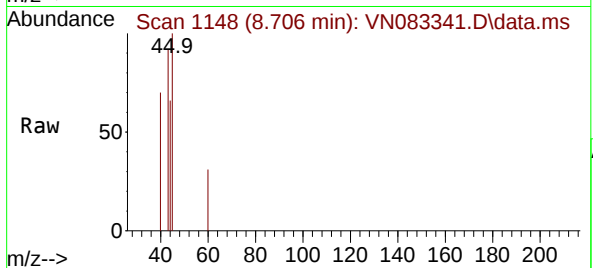
Acq: 15 Aug 2024 19:15

Instrument :

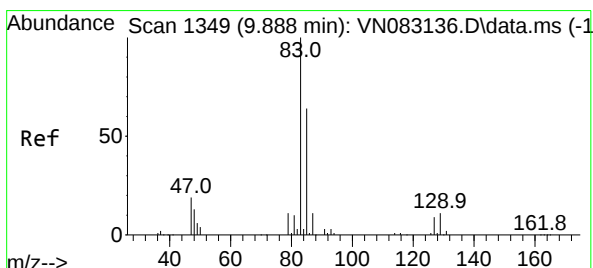
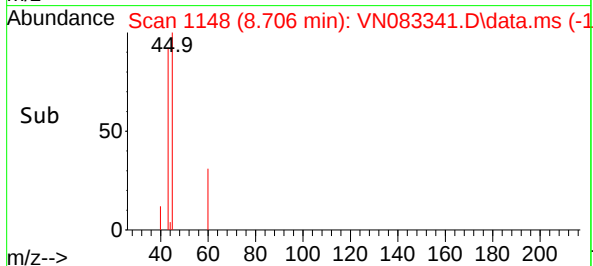
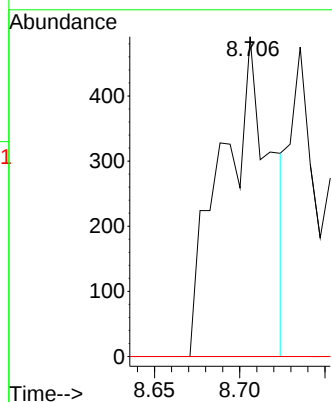
MSVOA_N

ClientSampleId :

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Tgt Ion:	43	Resp:	981
Ion	Ratio	Lower	Upper
43	100		
61	0.0	17.8	26.6#
87	0.0	8.2	12.2#



#47

Bromodichloromethane

Concen: 1.290 ug/l

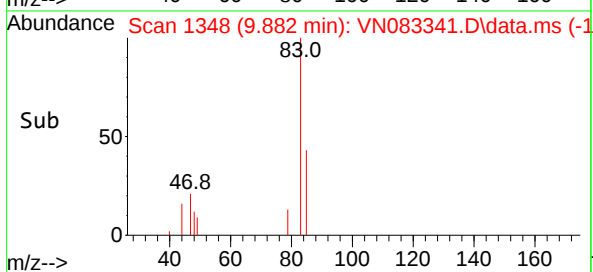
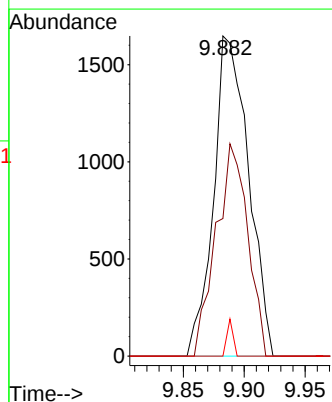
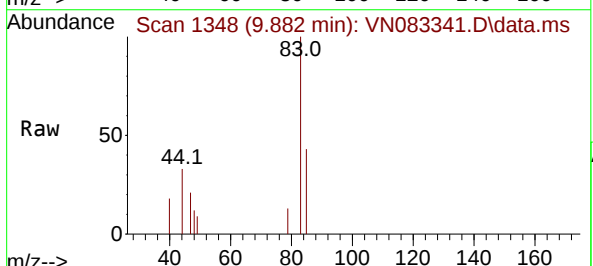
RT: 9.882 min Scan# 1348

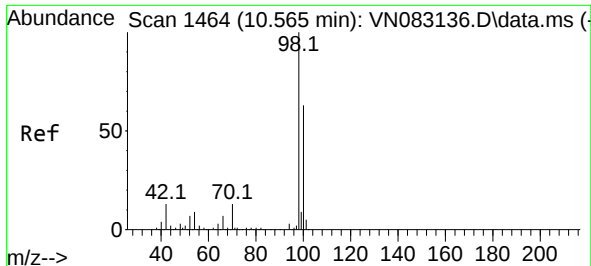
Delta R.T. -0.006 min

Lab File: VN083341.D

Acq: 15 Aug 2024 19:15

Tgt Ion:	83	Resp:	3285
Ion	Ratio	Lower	Upper
83	100		
85	43.0	51.1	76.7#
127	0.0	7.2	10.8#

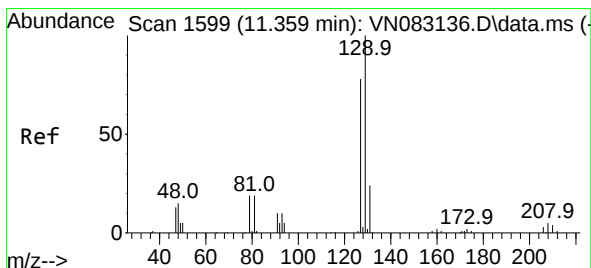
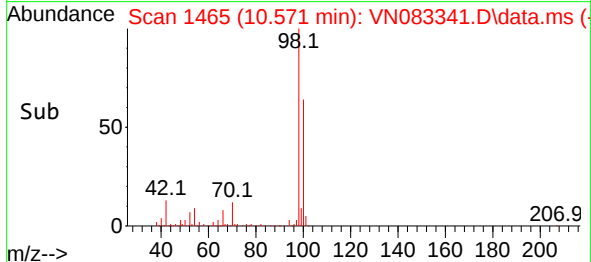
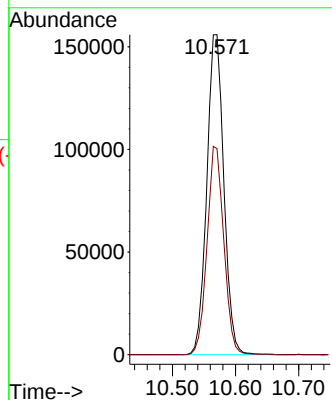
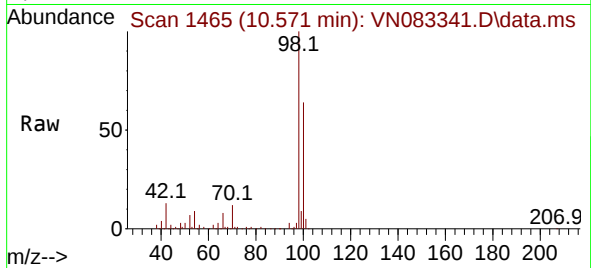




#50
Toluene-d8
Concen: 52.914 ug/l
RT: 10.571 min Scan# 14
Delta R.T. 0.006 min
Lab File: VN083341.D
Acq: 15 Aug 2024 19:15

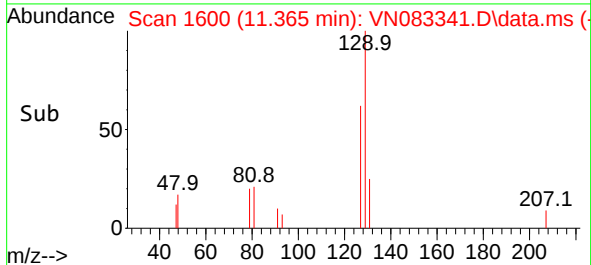
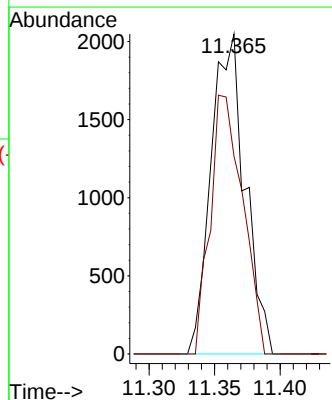
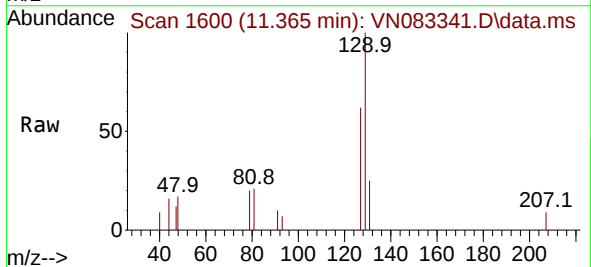
Instrument :
MSVOA_N
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BPOW6-7-HYD-20240814

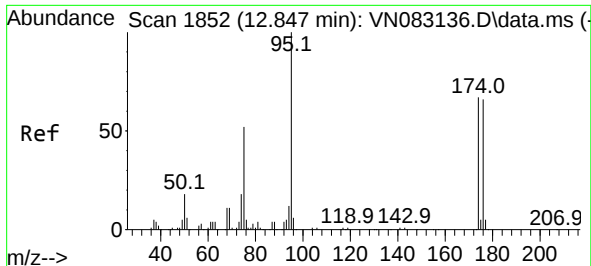
Tgt Ion: 98 Resp: 292268
Ion Ratio Lower Upper
98 100
100 64.1 51.5 77.3



#60
Dibromochloromethane
Concen: 2.017 ug/l
RT: 11.365 min Scan# 1600
Delta R.T. 0.006 min
Lab File: VN083341.D
Acq: 15 Aug 2024 19:15

Tgt Ion: 129 Resp: 3685
Ion Ratio Lower Upper
129 100
127 77.3 39.2 117.6

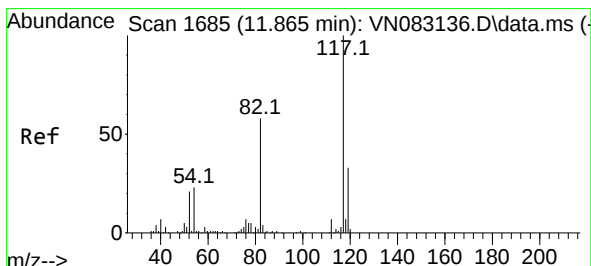
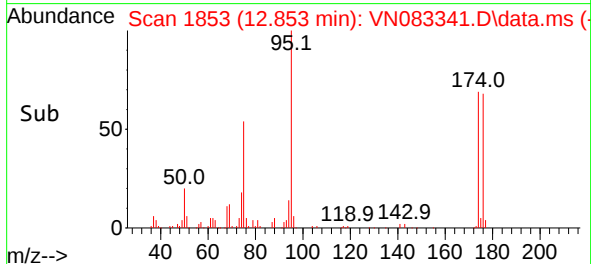
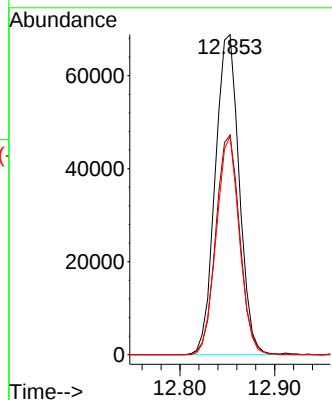
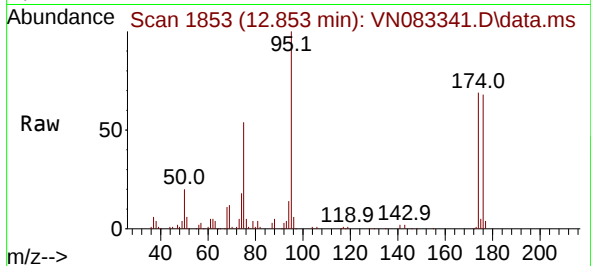




#62
4-Bromofluorobenzene
Concen: 56.181 ug/l
RT: 12.853 min Scan# 11853
Delta R.T. 0.006 min
Lab File: VN083341.D
Acq: 15 Aug 2024 19:15

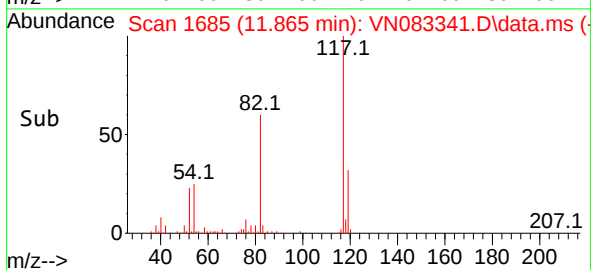
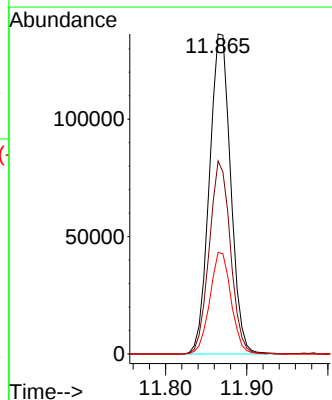
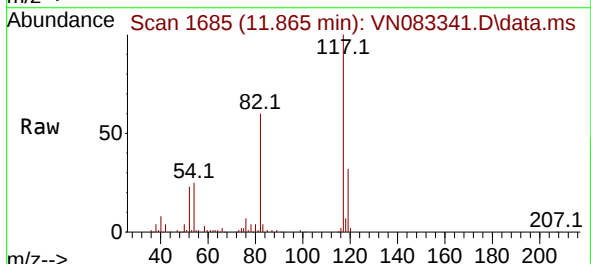
Instrument :
MSVOA_N
ClientSampleId :
BPOW6-7-HYD-20240814

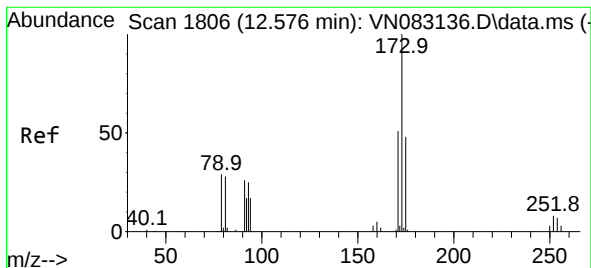
Tgt Ion: 95 Resp: 120978
Ion Ratio Lower Upper
95 100
174 68.4 0.0 159.2
176 65.9 0.0 147.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN083341.D
Acq: 15 Aug 2024 19:15

Tgt Ion: 117 Resp: 248301
Ion Ratio Lower Upper
117 100
82 60.3 47.5 71.3
119 31.7 25.6 38.4





#71

Bromoform

Concen: 0.822 ug/l

RT: 12.582 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN083341.D

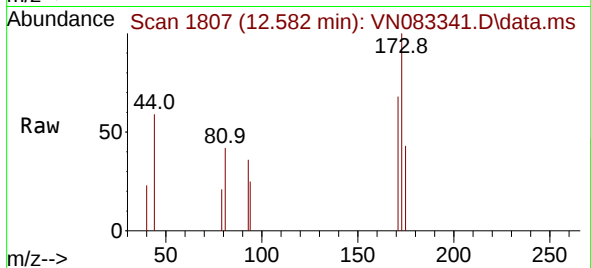
Acq: 15 Aug 2024 19:15

Instrument :

MSVOA_N

ClientSampleId :

BPOW6-7-HYD-20240814



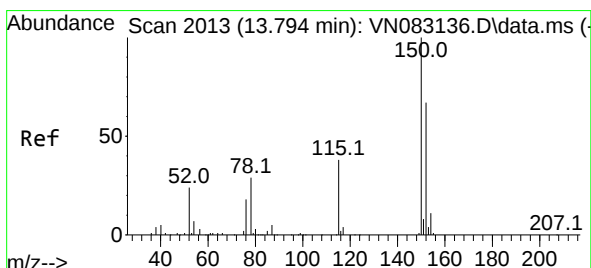
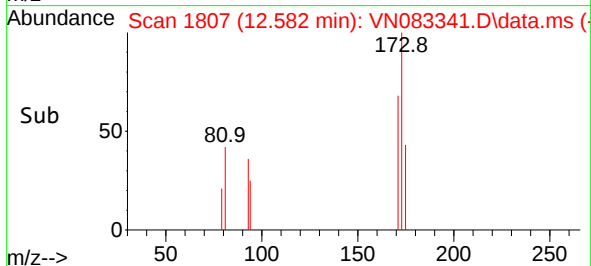
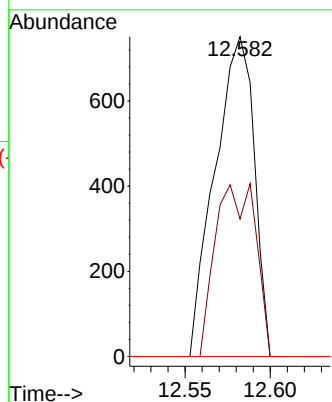
Tgt Ion:173 Resp: 1205

Ion Ratio Lower Upper

173 100

175 55.3 24.0 72.0

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: VN083341.D

Acq: 15 Aug 2024 19:15

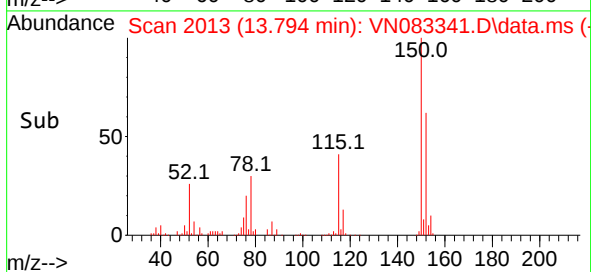
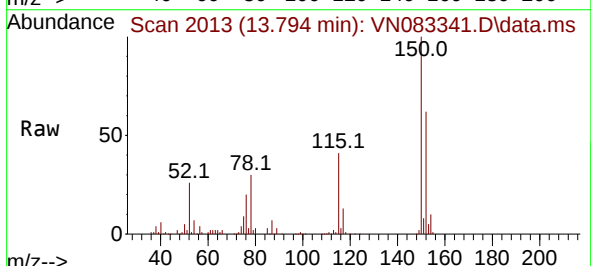
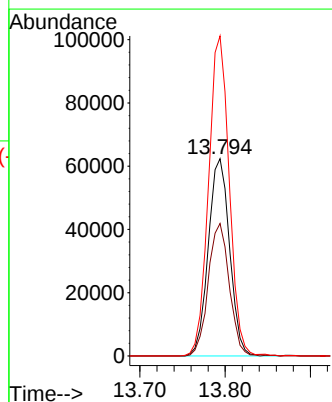
Tgt Ion:152 Resp: 108377

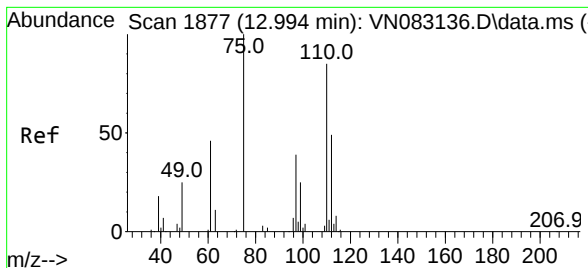
Ion Ratio Lower Upper

152 100

115 66.1 30.6 91.6

150 157.0 0.0 348.6





#76

1,2,3-Trichloropropane

Concen: 27.824 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. -0.147 min

Lab File: VN083341.D

Acq: 15 Aug 2024 19:15

Instrument :

MSVOA_N

ClientSampleId :

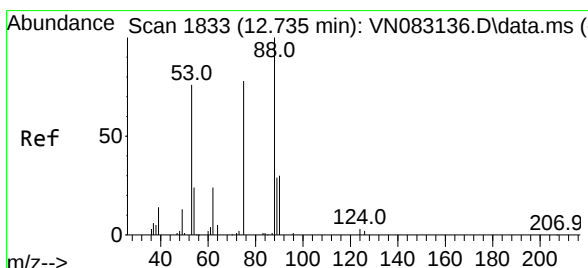
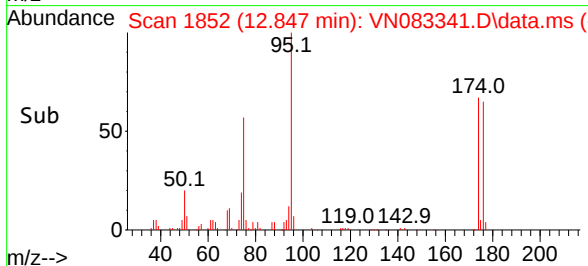
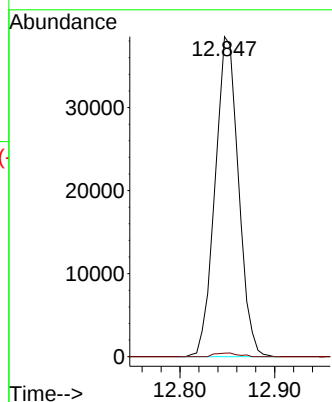
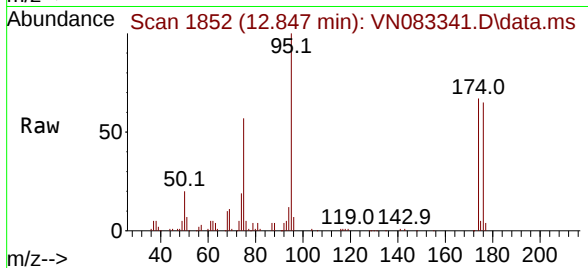
BPOW6-7-HYD-20240814

Tgt Ion: 75 Resp: 66183

Ion Ratio Lower Upper

75 100

77 1.2 110.9 332.6#



#81

trans-1,4-Dichloro-2-butene

Concen: 60.525 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. 0.112 min

Lab File: VN083341.D

Acq: 15 Aug 2024 19:15

Tgt Ion: 75 Resp: 66183

Ion Ratio Lower Upper

75 100

53 0.0 88.4 132.6#

89 0.0 36.3 54.5#

