

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091624\
 Data File : VN083913.D
 Acq On : 16 Sep 2024 13:27
 Operator : JC\MD
 Sample : P3874-03RE
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 BPOW6-8-HYD-20240904RE

Quant Time: Sep 17 02:31:20 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091024W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 11 15:18:56 2024
 Response via : Initial Calibration

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

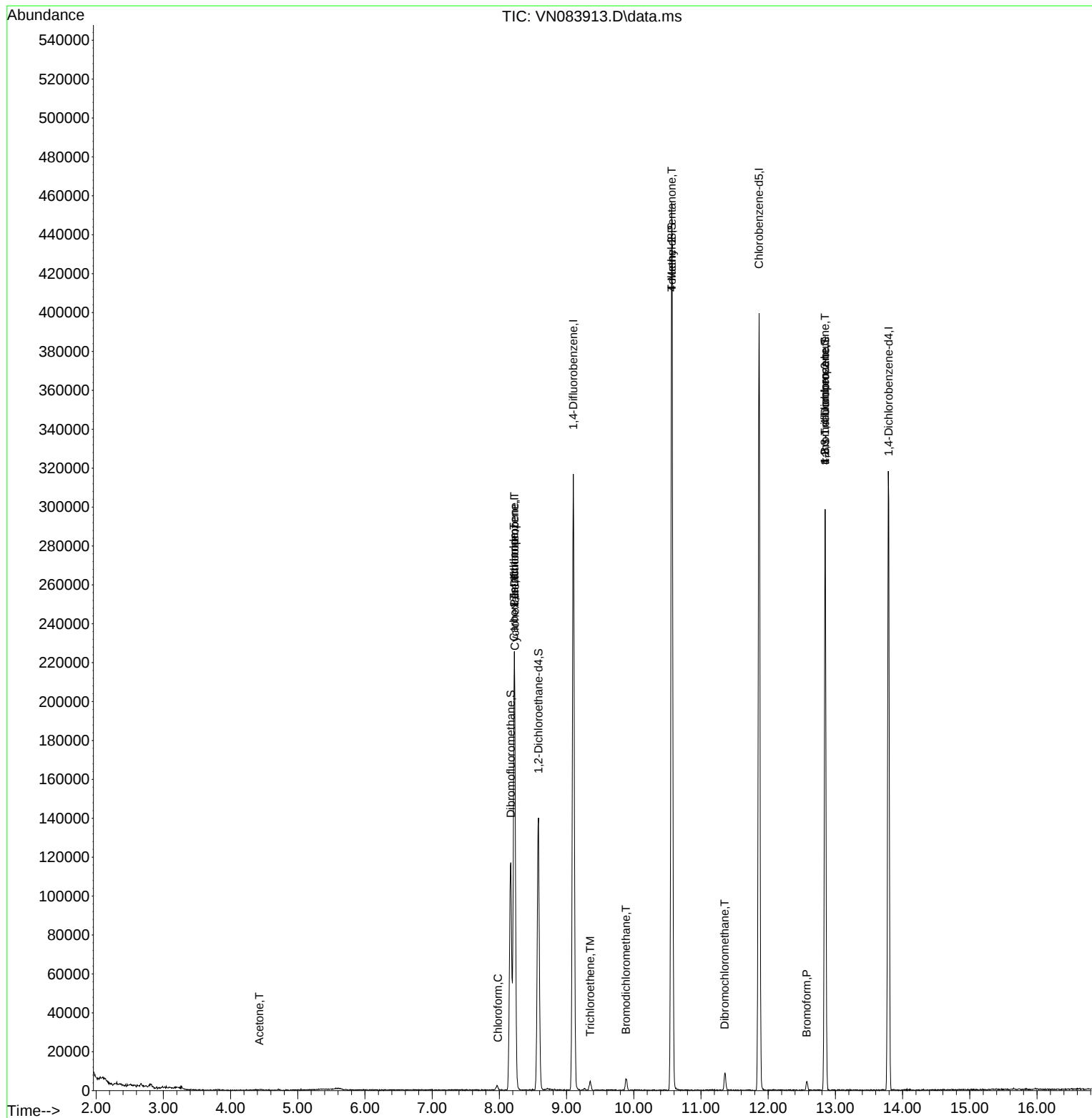
Internal Standards						
1) Pentafluorobenzene	8.224	168	147918	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	254251	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	210527	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	79246	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	115695	51.872	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 103.740%	
35) Dibromofluoromethane	8.171	113	82527	50.702	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 101.400%	
50) Toluene-d8	10.565	98	303518	53.940	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 107.880%	
62) 4-Bromofluorobenzene	12.847	95	96906	41.742	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 83.480%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.365	50	738	Below Cal	#	79
16) Acetone	4.430	43	980	1.096	ug/l #	45
18) Methyl Acetate	5.047	43	60	Below Cal	#	52
30) Chloroform	7.977	83	2691	0.750	ug/l #	69
31) Cyclohexane	8.229	56	4413	1.369	ug/l #	39
36) 1,1-Dichloropropene	8.224	75	15077	6.154	ug/l #	48
38) Carbon Tetrachloride	8.218	117	16896	6.079	ug/l #	17
44) Trichloroethene	9.353	130	1846	1.081	ug/l	89
47) Bromodichloromethane	9.882	83	4666	1.727	ug/l #	89
51) 4-Methyl-2-Pentanone	10.565	43	1467	0.669	ug/l #	1
60) Dibromochloromethane	11.353	129	4964	2.634	ug/l	99
71) Bromoform	12.570	173	2173	1.988	ug/l #	88
76) 1,2,3-Trichloropropane	12.847	75	55562	34.747	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	55562	91.006	ug/l #	9

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

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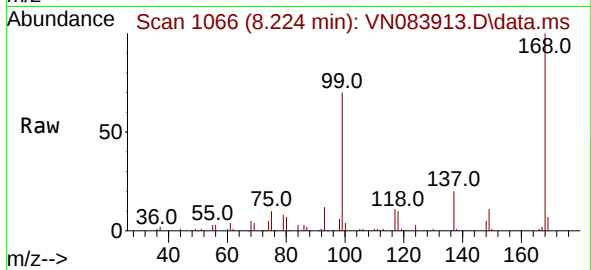
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091024W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 11 15:18:56 2024
Response via : Initial Calibration



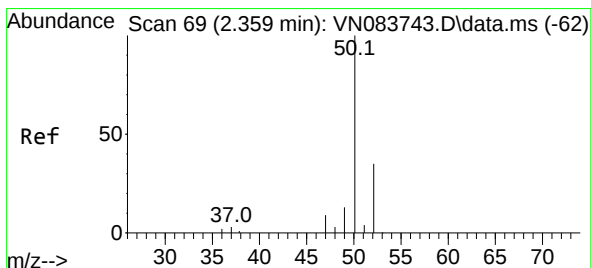
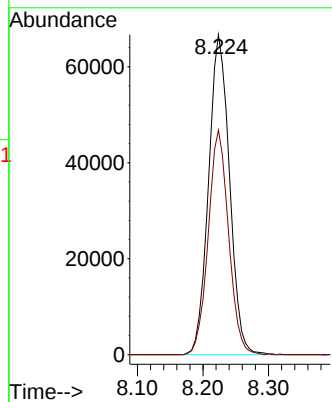
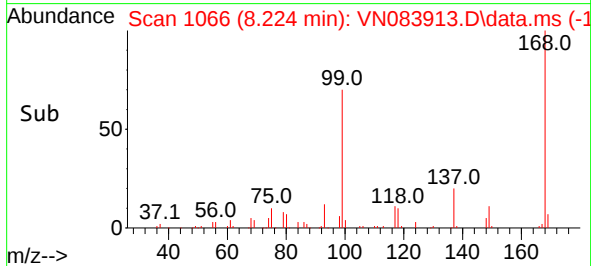


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN083913.D
Acq: 16 Sep 2024 13:27

Instrument :
MSVOA_N
ClientSampleId :
BPOW6-8-HYD-20240904RE

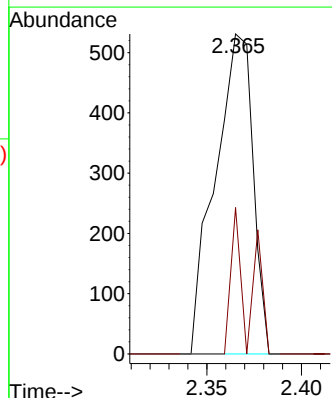
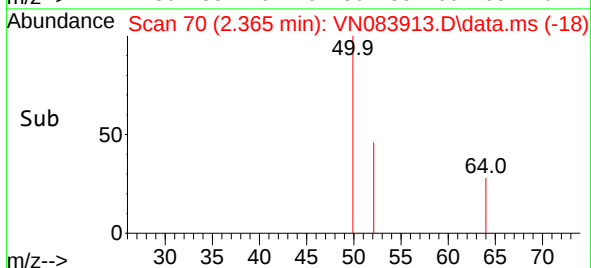
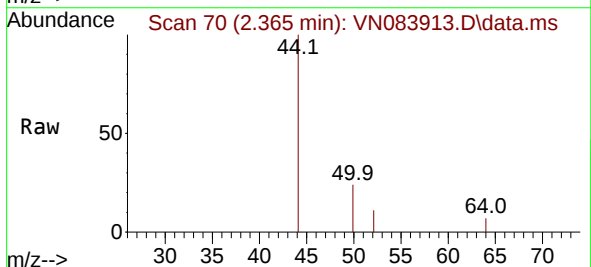


Tgt Ion:168 Resp: 147918
Ion Ratio Lower Upper
168 100
99 70.2 54.2 81.2



#3
Chloromethane
Concen: Below Cal
RT: 2.365 min Scan# 70
Delta R.T. 0.006 min
Lab File: VN083913.D
Acq: 16 Sep 2024 13:27

Tgt Ion: 50 Resp: 738
Ion Ratio Lower Upper
50 100
52 45.8 27.2 40.8#

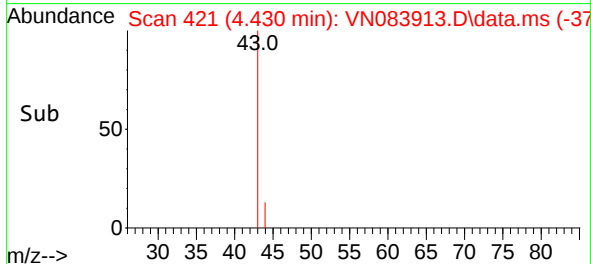
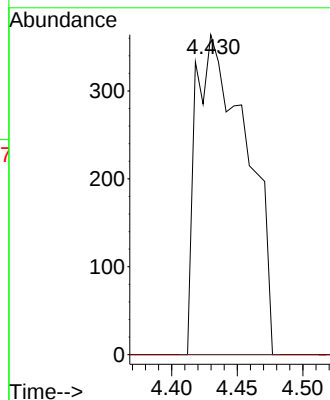
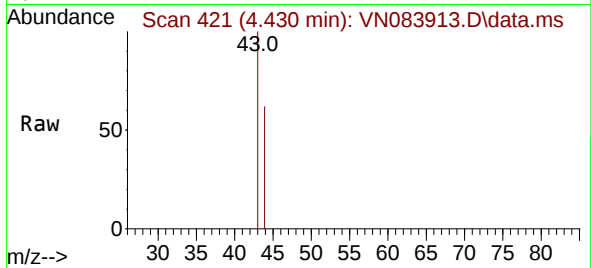




#16
Acetone
Concen: 1.096 ug/l
RT: 4.430 min Scan# 41
Delta R.T. -0.000 min
Lab File: VN083913.D
Acq: 16 Sep 2024 13:27

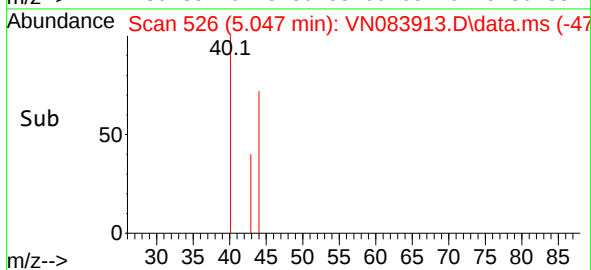
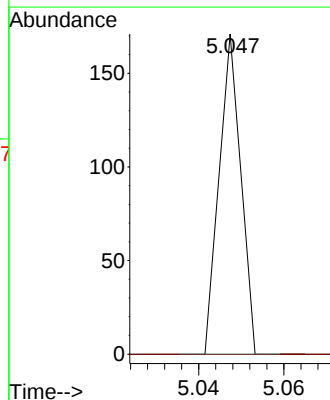
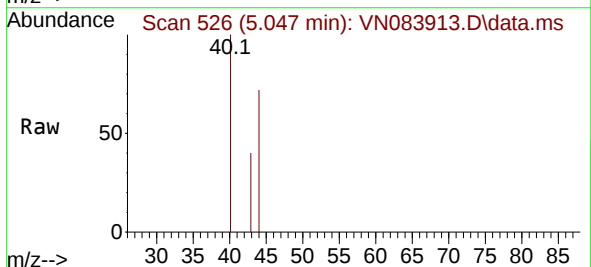
Instrument :
MSVOA_N
ClientSampleId :
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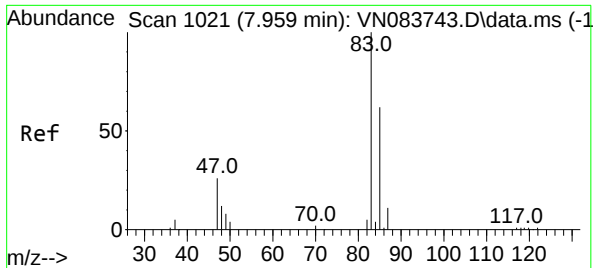
Tgt Ion: 43 Resp: 980
Ion Ratio Lower Upper
43 100
58 0.0 23.7 35.5#



#18
Methyl Acetate
Concen: Below Cal
RT: 5.047 min Scan# 526
Delta R.T. 0.023 min
Lab File: VN083913.D
Acq: 16 Sep 2024 13:27

Tgt Ion: 43 Resp: 60
Ion Ratio Lower Upper
43 100
74 0.0 19.0 28.4#

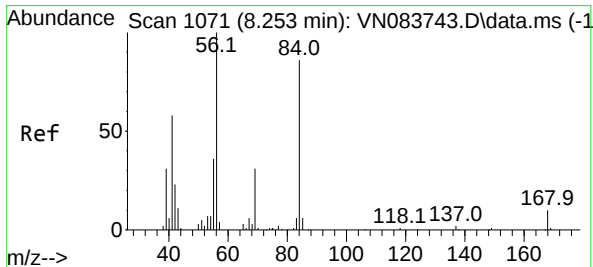
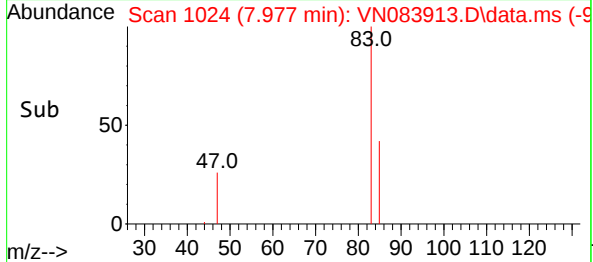
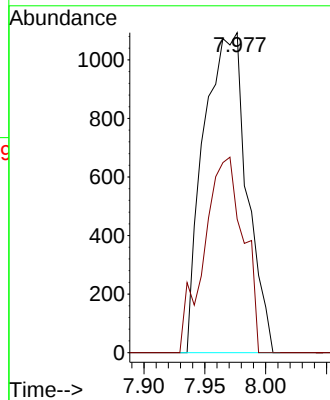
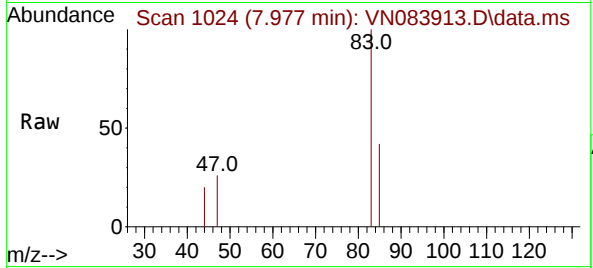




#30
Chloroform
Concen: 0.750 ug/l
RT: 7.977 min Scan# 1067
Delta R.T. 0.018 min
Lab File: VN083913.D
Acq: 16 Sep 2024 13:27

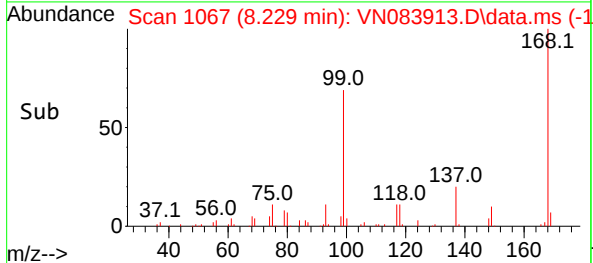
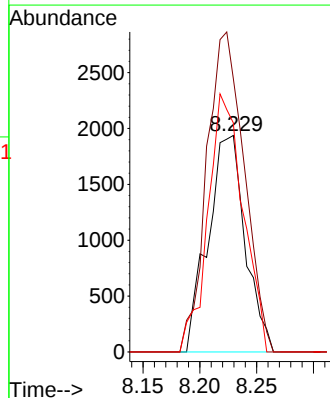
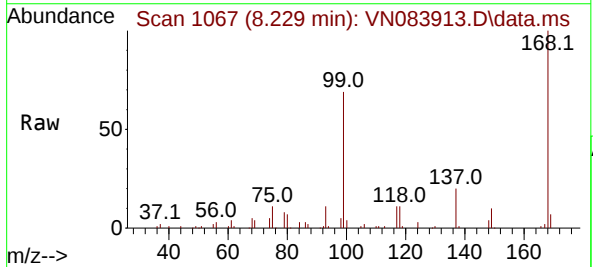
Instrument :
MSVOA_N
ClientSampleId :
BPOW6-8-HYD-20240904RE

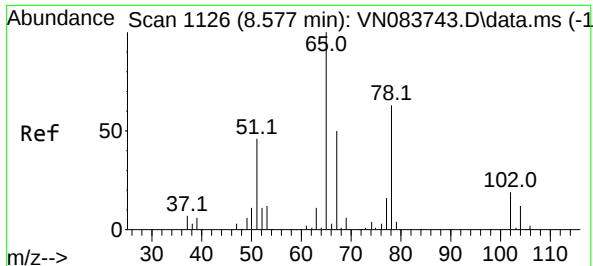
Tgt Ion: 83 Resp: 2691
Ion Ratio Lower Upper
83 100
85 41.7 52.8 79.2#



#31
Cyclohexane
Concen: 1.369 ug/l
RT: 8.229 min Scan# 1067
Delta R.T. -0.024 min
Lab File: VN083913.D
Acq: 16 Sep 2024 13:27

Tgt Ion: 56 Resp: 4413
Ion Ratio Lower Upper
56 100
69 126.3 26.9 40.3#
84 105.8 69.2 103.8#





#33

1,2-Dichloroethane-d4

Concen: 51.872 ug/l

RT: 8.582 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VN083913.D

Acq: 16 Sep 2024 13:27

Instrument :

MSVOA_N

ClientSampleId :

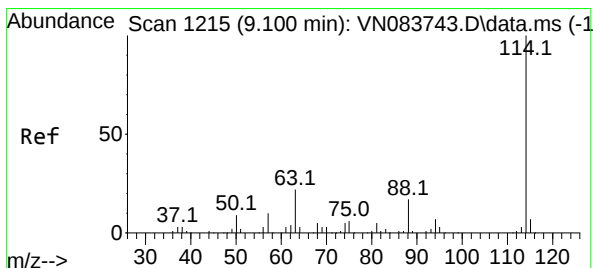
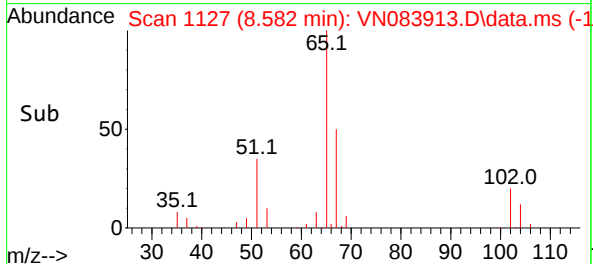
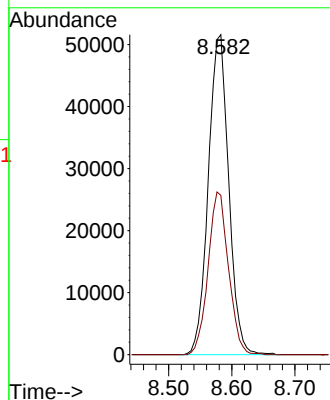
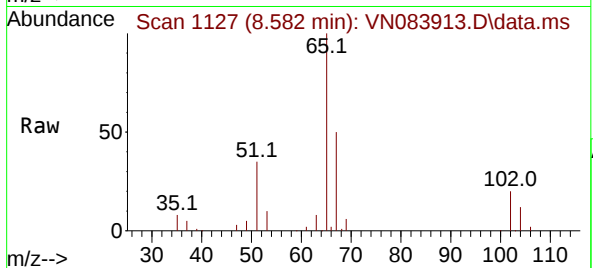
BPOW6-8-HYD-20240904RE

Tgt Ion: 65 Resp: 115695

Ion Ratio Lower Upper

65 100

67 50.8 0.0 100.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. -0.000 min

Lab File: VN083913.D

Acq: 16 Sep 2024 13:27

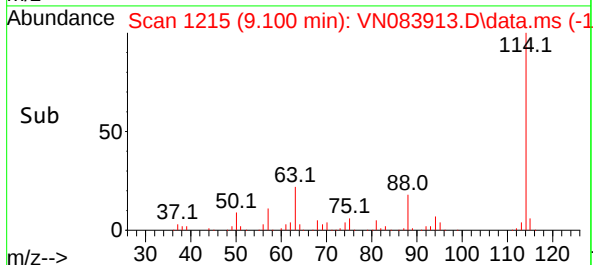
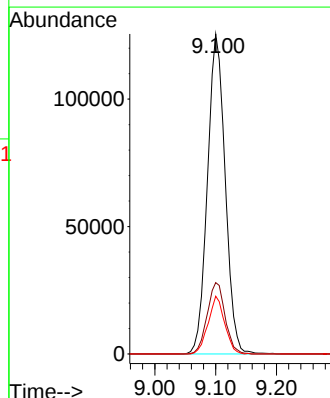
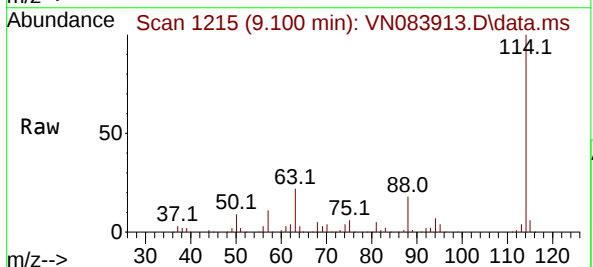
Tgt Ion: 114 Resp: 254251

Ion Ratio Lower Upper

114 100

63 22.3 0.0 43.4

88 18.1 0.0 32.6





#35

Dibromofluoromethane

Concen: 50.702 ug/l

RT: 8.171 min Scan# 1056

Delta R.T. 0.006 min

Lab File: VN083913.D

Acq: 16 Sep 2024 13:27

Instrument :

MSVOA_N

ClientSampleId :

BPOW6-8-HYD-20240904RE

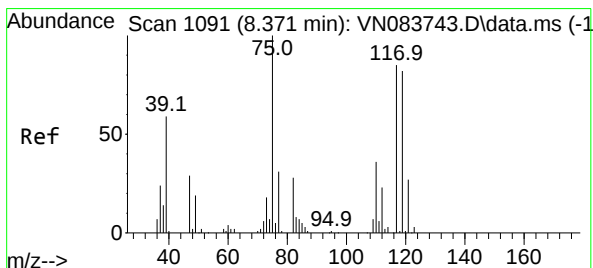
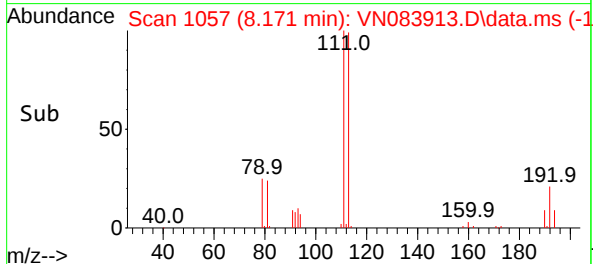
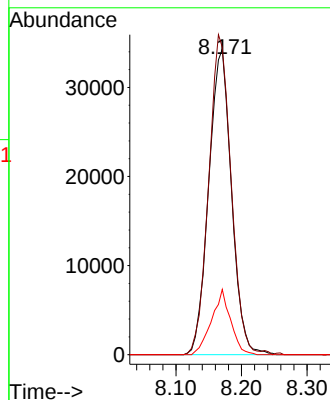
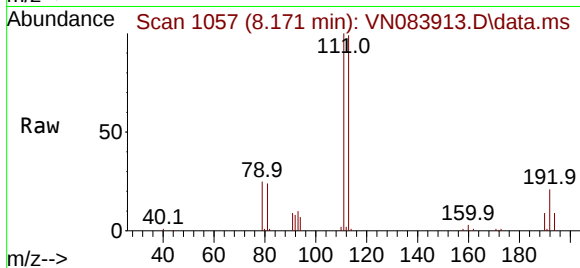
Tgt Ion:113 Resp: 82527

Ion Ratio Lower Upper

113 100

111 103.3 82.6 124.0

192 17.9 14.3 21.5



#36

1,1-Dichloropropene

Concen: 6.154 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.147 min

Lab File: VN083913.D

Acq: 16 Sep 2024 13:27

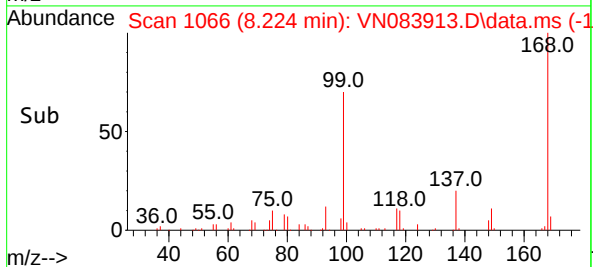
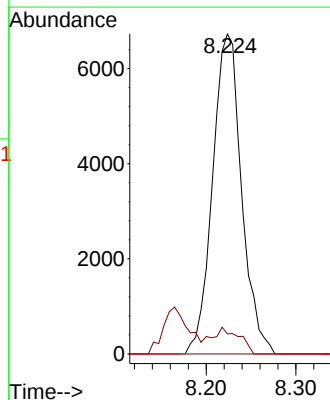
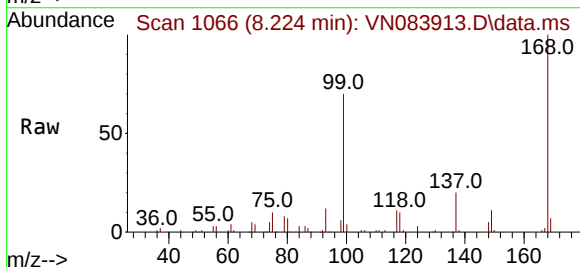
Tgt Ion: 75 Resp: 15077

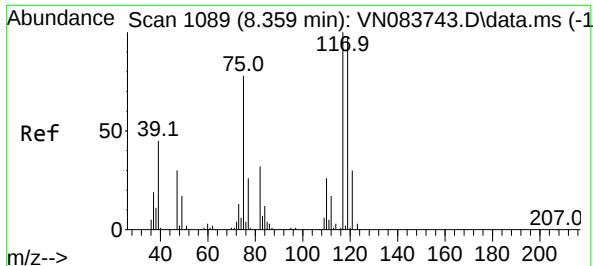
Ion Ratio Lower Upper

75 100

110 6.3 16.7 50.1#

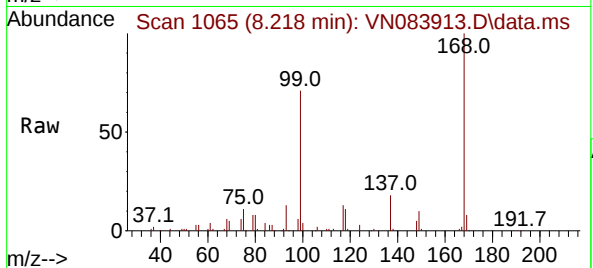
77 0.0 25.2 37.8#



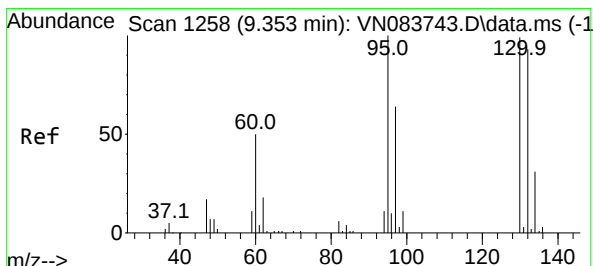
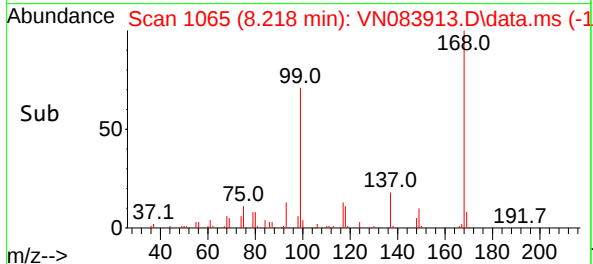
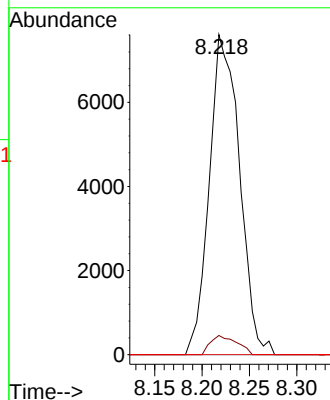


#38
Carbon Tetrachloride
Concen: 6.079 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.141 min
Lab File: VN083913.D
Acq: 16 Sep 2024 13:27

Instrument :
MSVOA_N
ClientSampleId :
BPOW6-8-HYD-20240904RE

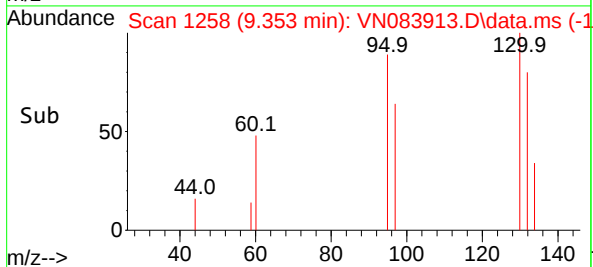
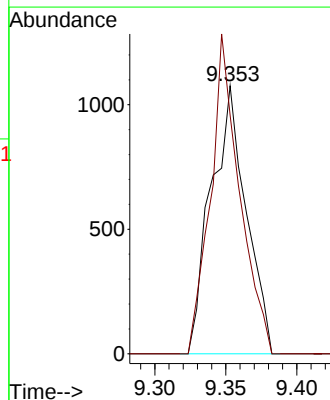
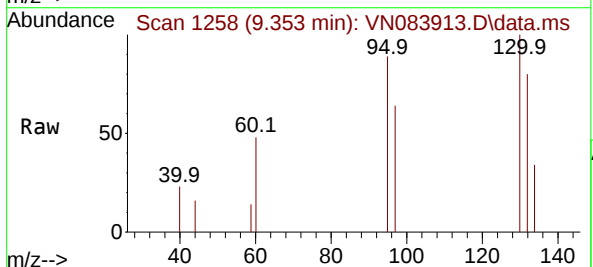


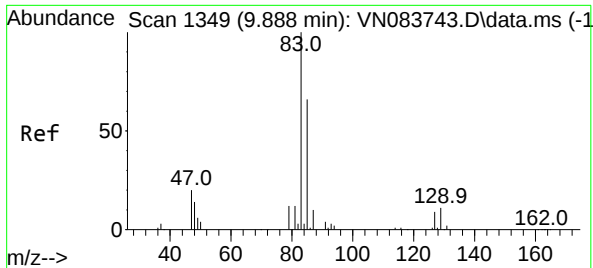
Tgt Ion:117 Resp: 16896
Ion Ratio Lower Upper
117 100
119 6.0 76.1 114.1#
121 0.0 24.1 36.1#



#44
Trichloroethene
Concen: 1.081 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. -0.000 min
Lab File: VN083913.D
Acq: 16 Sep 2024 13:27

Tgt Ion:130 Resp: 1846
Ion Ratio Lower Upper
130 100
95 89.0 0.0 200.4

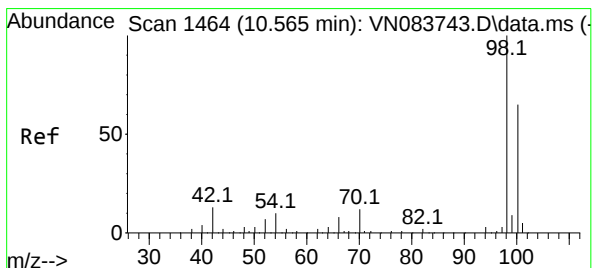
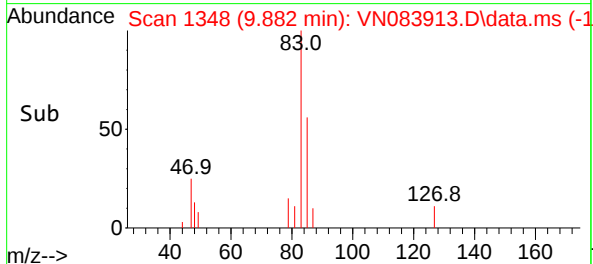
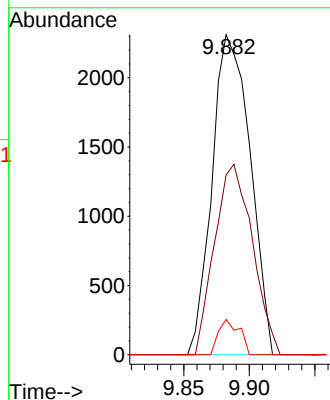
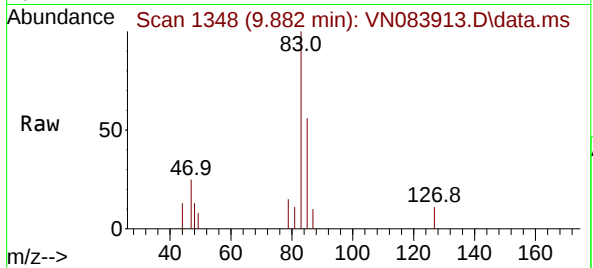




#47
Bromodichloromethane
Concen: 1.727 ug/l
RT: 9.882 min Scan# 1349
Delta R.T. -0.006 min
Lab File: VN083913.D
Acq: 16 Sep 2024 13:27

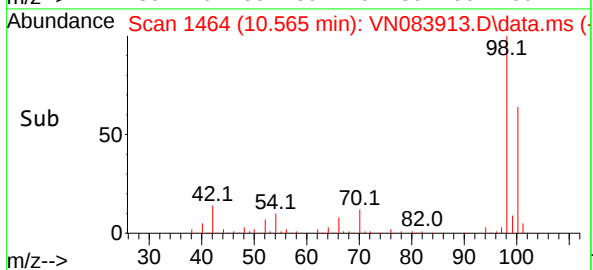
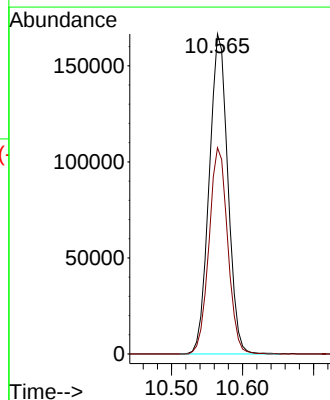
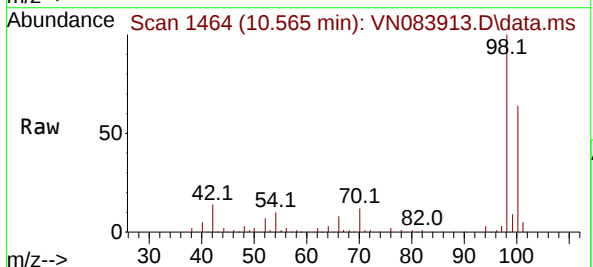
Instrument :
MSVOA_N
ClientSampleId :
BPOW6-8-HYD-20240904RE

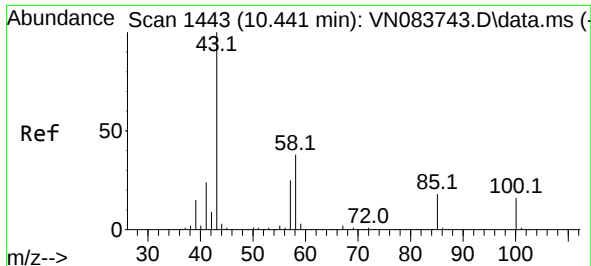
Tgt Ion: 83 Resp: 4666
Ion Ratio Lower Upper
83 100
85 56.2 51.8 77.8
127 11.0 6.6 9.8#



#50
Toluene-d8
Concen: 53.940 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN083913.D
Acq: 16 Sep 2024 13:27

Tgt Ion: 98 Resp: 303518
Ion Ratio Lower Upper
98 100
100 64.5 52.0 78.0

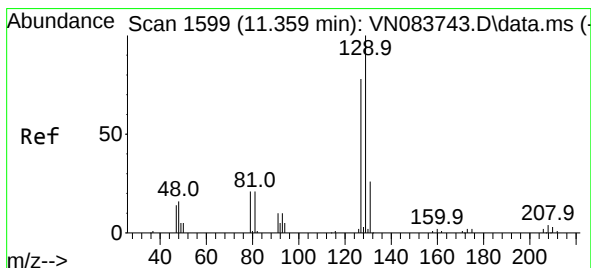
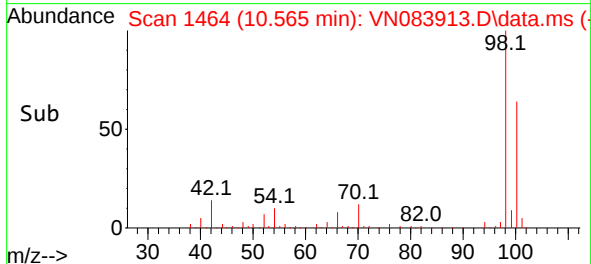
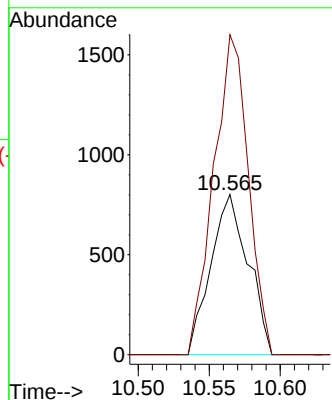
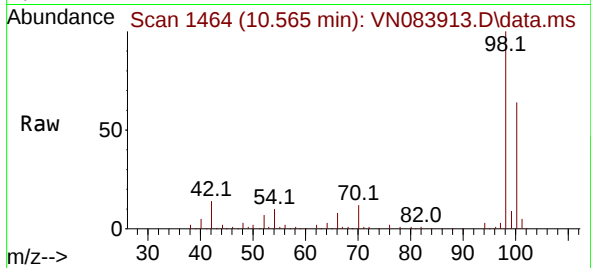




#51
4-Methyl-2-Pentanone
Concen: 0.669 ug/l
RT: 10.565 min Scan# 14
Delta R.T. 0.123 min
Lab File: VN083913.D
Acq: 16 Sep 2024 13:27

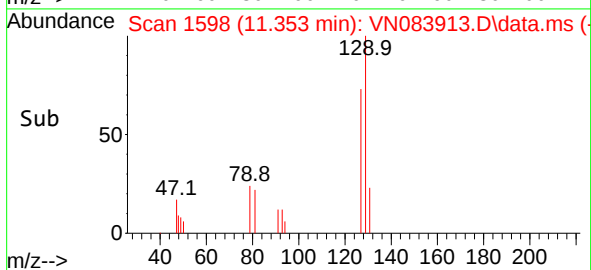
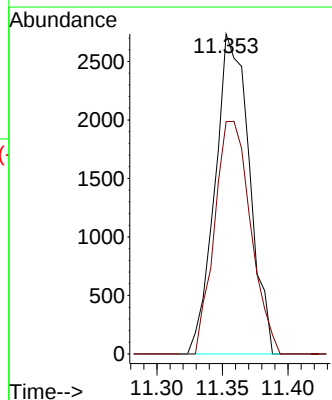
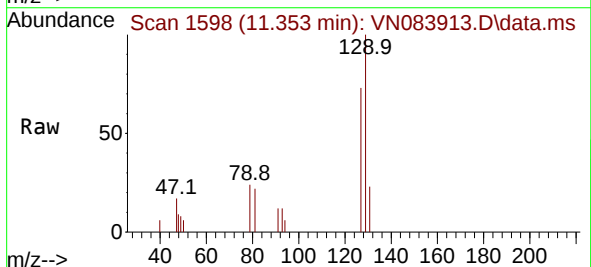
Instrument :
MSVOA_N
ClientSampleId :
BPOW6-8-HYD-20240904RE

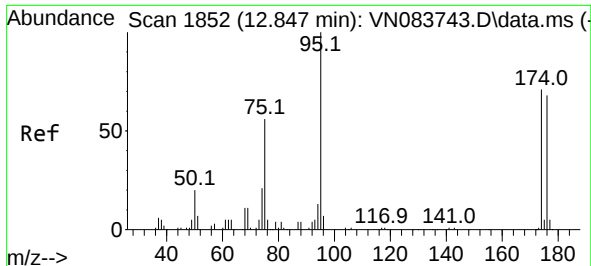
Tgt Ion: 43 Resp: 1467
Ion Ratio Lower Upper
43 100
58 185.1 31.6 47.4#



#60
Dibromochloromethane
Concen: 2.634 ug/l
RT: 11.353 min Scan# 1598
Delta R.T. -0.006 min
Lab File: VN083913.D
Acq: 16 Sep 2024 13:27

Tgt Ion: 129 Resp: 4964
Ion Ratio Lower Upper
129 100
127 76.7 39.0 116.9





#62

4-Bromofluorobenzene

Concen: 41.742 ug/l

RT: 12.847 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN083913.D

Acq: 16 Sep 2024 13:27

Instrument :

MSVOA_N

ClientSampleId :

BPOW6-8-HYD-20240904RE

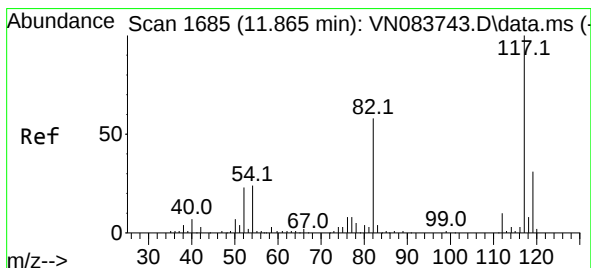
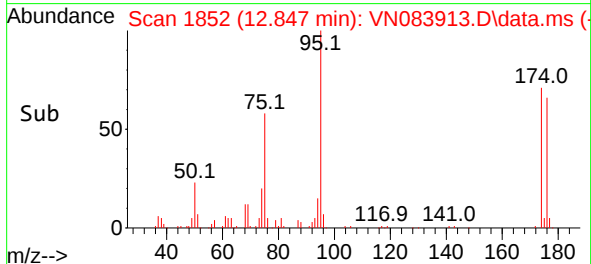
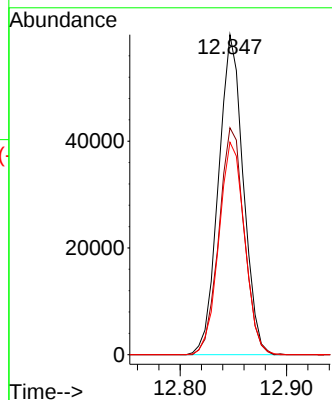
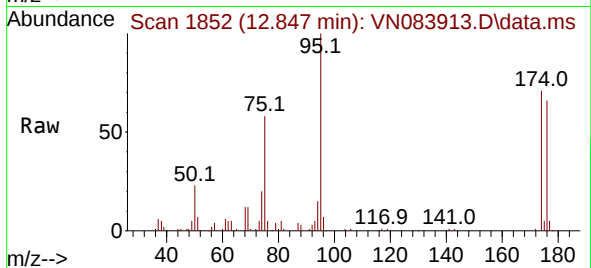
Tgt Ion: 95 Resp: 96906

Ion Ratio Lower Upper

95 100

174 72.0 0.0 139.8

176 68.8 0.0 131.4



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.865 min Scan# 1685

Delta R.T. -0.000 min

Lab File: VN083913.D

Acq: 16 Sep 2024 13:27

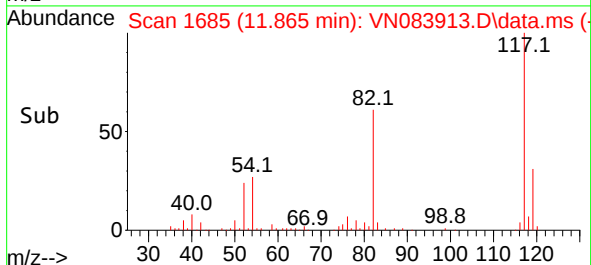
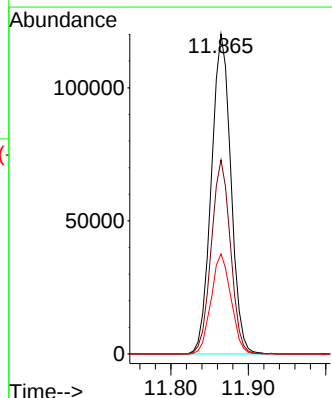
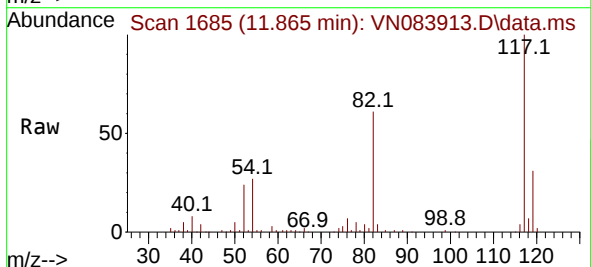
Tgt Ion: 117 Resp: 210527

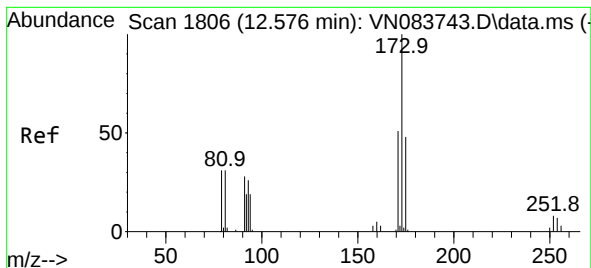
Ion Ratio Lower Upper

117 100

82 60.7 47.4 71.0

119 31.2 26.3 39.5





#71

Bromoform

Concen: 1.988 ug/l

RT: 12.570 min Scan# 11

Delta R.T. -0.006 min

Lab File: VN083913.D

Acq: 16 Sep 2024 13:27

Instrument :

MSVOA_N

ClientSampleId :

BPOW6-8-HYD-20240904RE

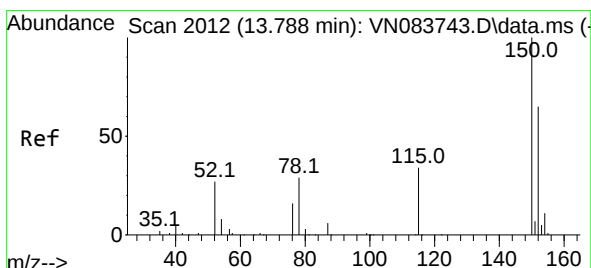
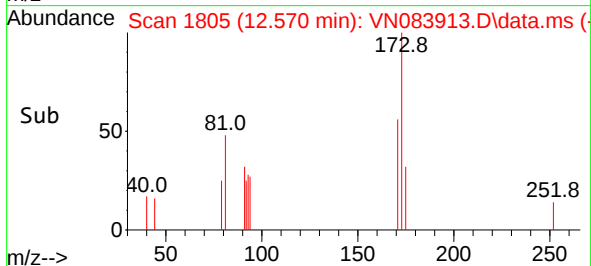
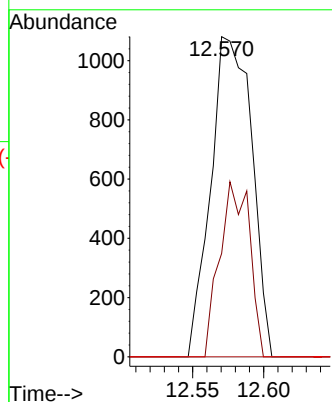
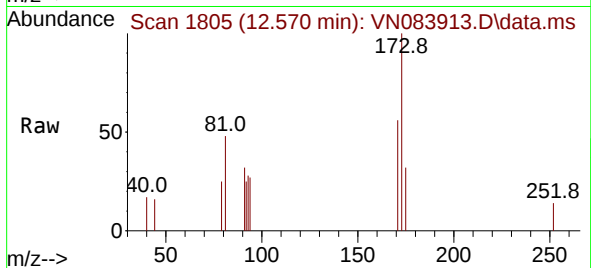
Tgt Ion:173 Resp: 2173

Ion Ratio Lower Upper

173 100

175 39.7 24.1 72.2

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. 0.006 min

Lab File: VN083913.D

Acq: 16 Sep 2024 13:27

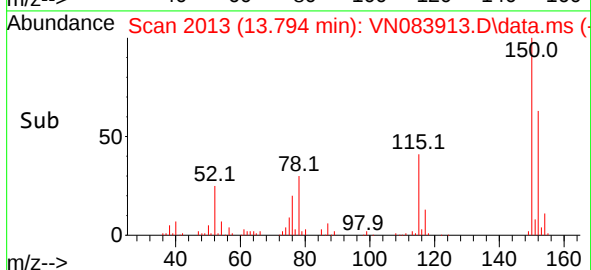
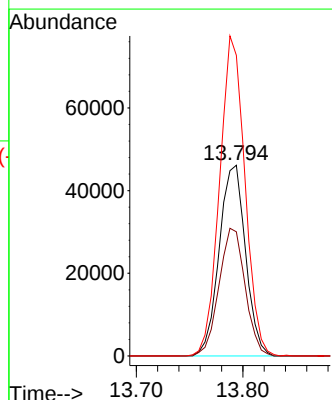
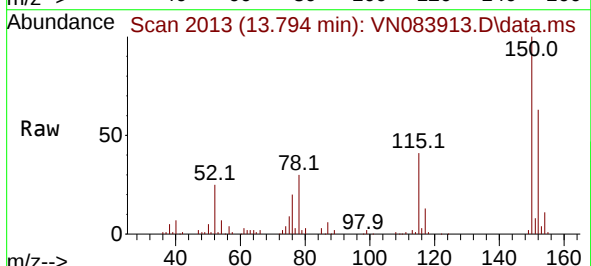
Tgt Ion:152 Resp: 79246

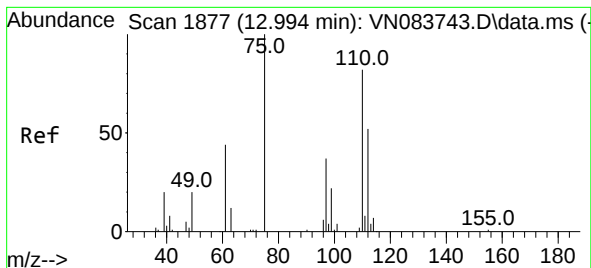
Ion Ratio Lower Upper

152 100

115 66.2 32.2 96.6

150 161.0 0.0 348.6

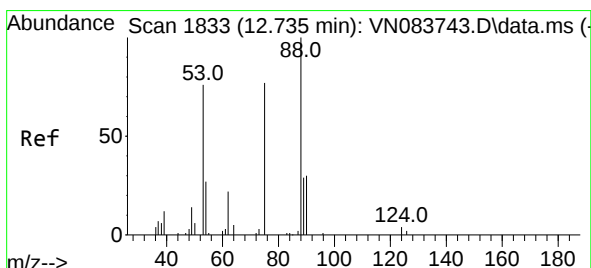
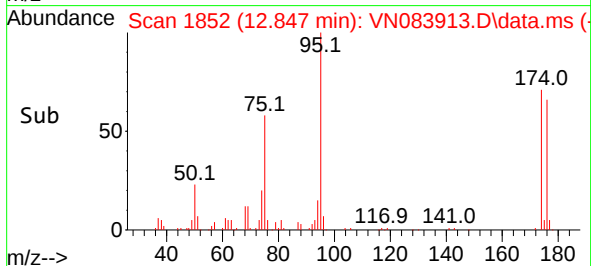
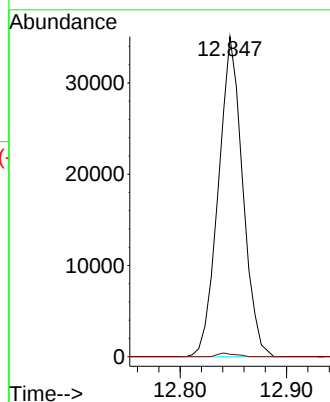
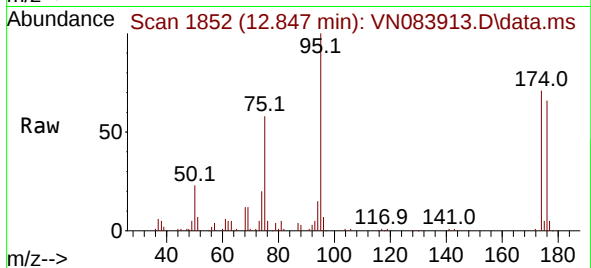




#76
1,2,3-Trichloropropane
Concen: 34.747 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.147 min
Lab File: VN083913.D
Acq: 16 Sep 2024 13:27

Instrument :
MSVOA_N
ClientSampleId :
BPOW6-8-HYD-20240904RE

Tgt Ion: 75 Resp: 55562
Ion Ratio Lower Upper
75 100
77 0.8 95.2 285.6#



#81
trans-1,4-Dichloro-2-butene
Concen: 91.006 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.112 min
Lab File: VN083913.D
Acq: 16 Sep 2024 13:27

Tgt Ion: 75 Resp: 55562
Ion Ratio Lower Upper
75 100
53 0.0 81.2 121.8#
89 0.0 35.7 53.5#

