

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091224\
 Data File : VN083833.D
 Acq On : 12 Sep 2024 15:53
 Operator : JC\MD
 Sample : P3874-03
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 17 Sample Multiplier: 1

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

Quant Time: Sep 13 00:19:35 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)

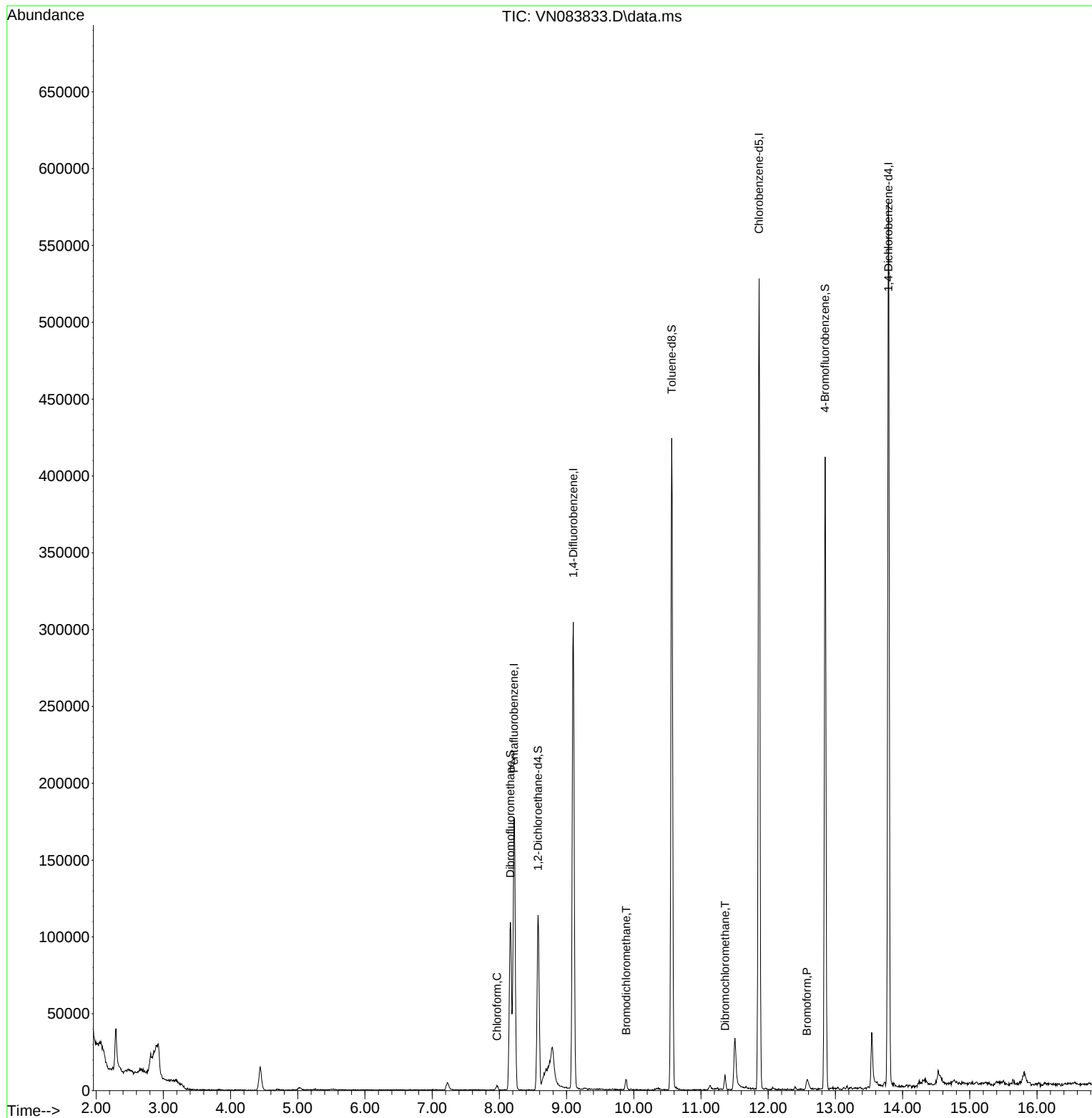
Internal Standards						
1) Pentafluorobenzene	8.218	168	120147	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	254860	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	284635	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	141380	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	98463	54.350	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	= 108.700%		
35) Dibromofluoromethane	8.165	113	78127	47.884	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 95.760%		
50) Toluene-d8	10.565	98	285832	50.675	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	= 101.360%		
62) 4-Bromofluorobenzene	12.847	95	137827	59.226	ug/l	0.00
Spiked Amount	50.000	Range 77 - 121	Recovery	= 118.460%		
Target Compounds						
					Qvalue	
30) Chloroform	7.965	83	2489	0.854	ug/l	95
47) Bromodichloromethane	9.888	83	4480	1.654	ug/l #	97
60) Dibromochloromethane	11.359	129	5096	2.698	ug/l	98
71) Bromoform	12.576	173	2526	1.709	ug/l #	93

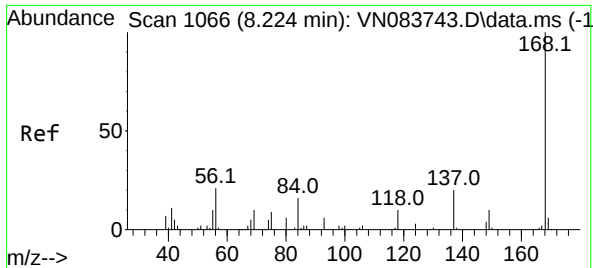
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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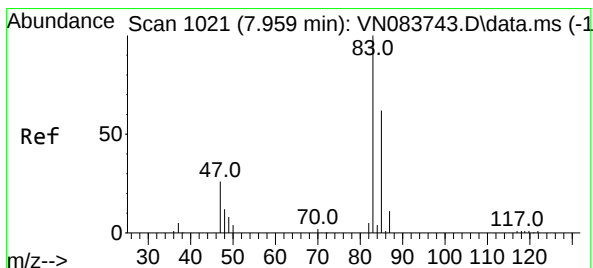
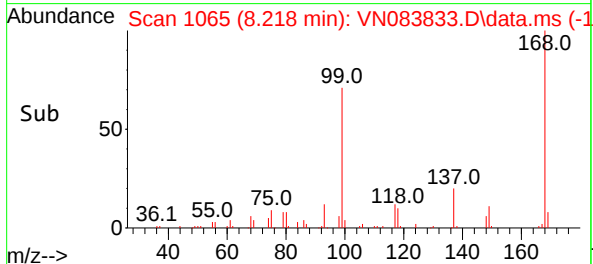
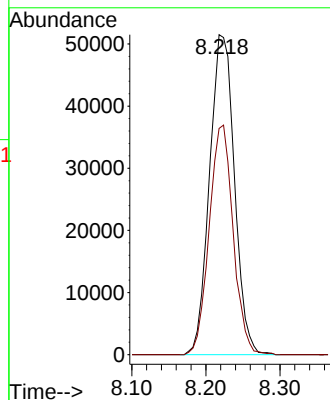
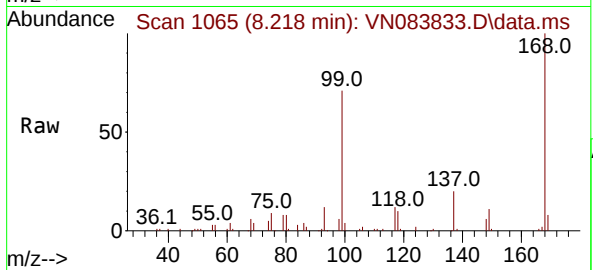




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.006 min
Lab File: VN083833.D
Acq: 12 Sep 2024 15:53

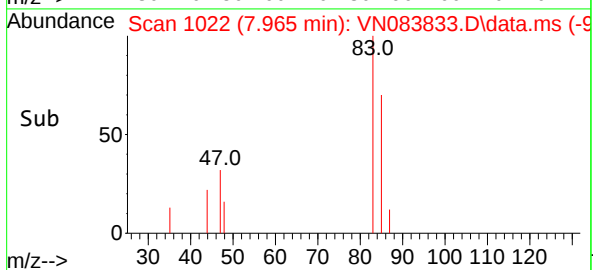
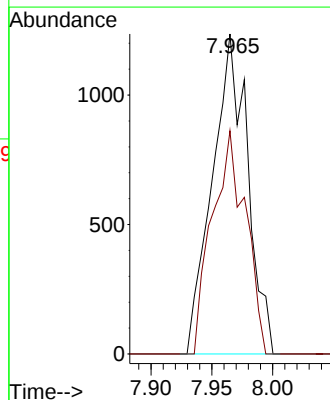
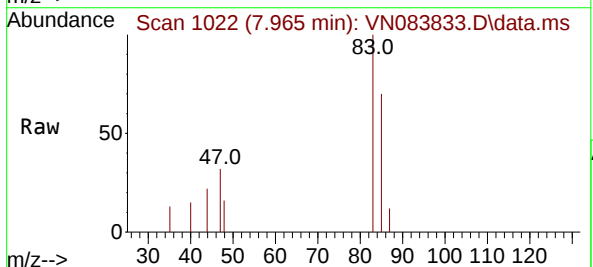
Instrument :
MSVOA_N
ClientSampleId :
BPOW6-8-HYD-20240904

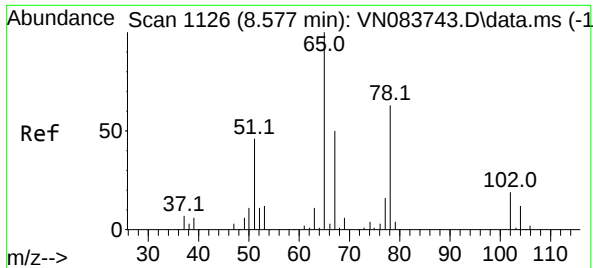
Tgt Ion:168 Resp: 120147
Ion Ratio Lower Upper
168 100
99 70.7 54.2 81.2



#30
Chloroform
Concen: 0.854 ug/l
RT: 7.965 min Scan# 1022
Delta R.T. 0.006 min
Lab File: VN083833.D
Acq: 12 Sep 2024 15:53

Tgt Ion: 83 Resp: 2489
Ion Ratio Lower Upper
83 100
85 69.7 52.8 79.2

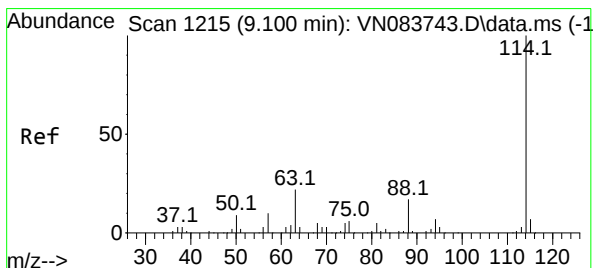
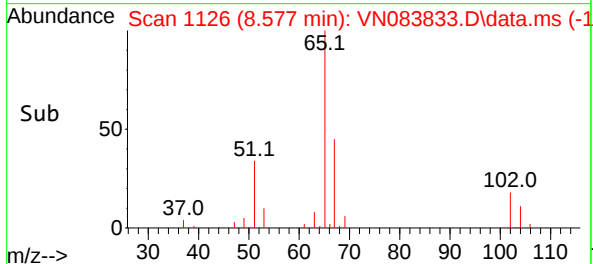
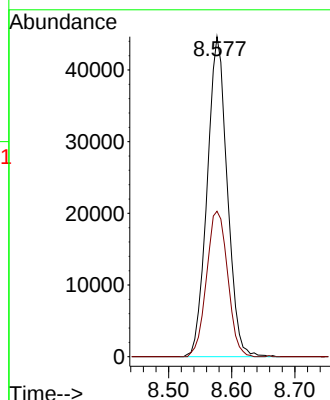
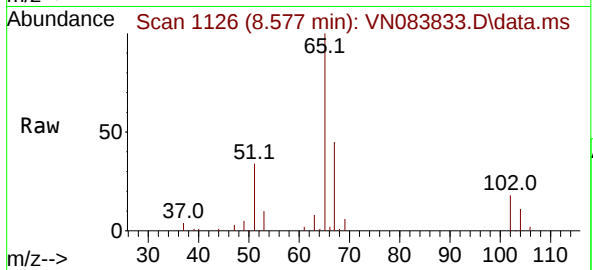




#33
 1,2-Dichloroethane-d4
 Concen: 54.350 ug/l
 RT: 8.577 min Scan# 1126
 Delta R.T. 0.000 min
 Lab File: VN083833.D
 Acq: 12 Sep 2024 15:53

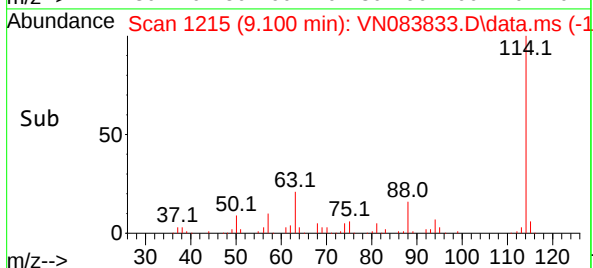
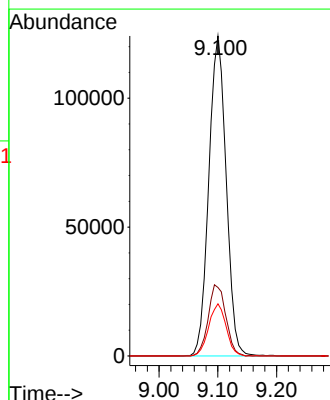
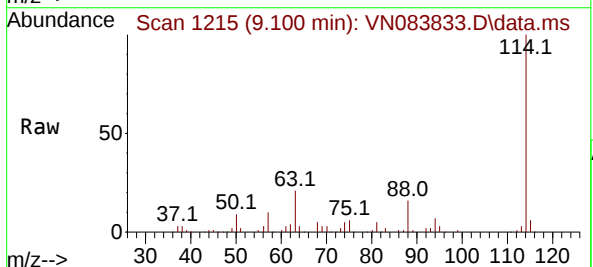
Instrument :
 MSVOA_N
 ClientSampleId :
 BPOW6-8-HYD-20240904

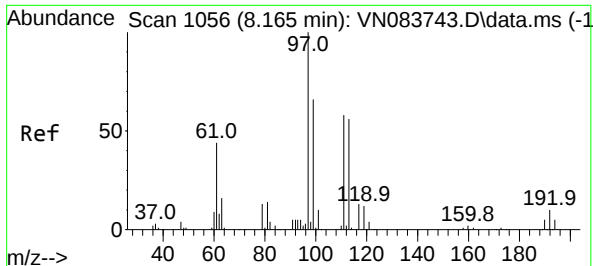
Tgt Ion: 65 Resp: 98463
 Ion Ratio Lower Upper
 65 100
 67 47.8 0.0 100.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.100 min Scan# 1215
 Delta R.T. 0.000 min
 Lab File: VN083833.D
 Acq: 12 Sep 2024 15:53

Tgt Ion: 114 Resp: 254860
 Ion Ratio Lower Upper
 114 100
 63 21.4 0.0 43.4
 88 16.3 0.0 32.6





#35

Dibromofluoromethane

Concen: 47.884 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. 0.000 min

Lab File: VN083833.D

Acq: 12 Sep 2024 15:53

Instrument :

MSVOA_N

ClientSampleId :

BPOW6-8-HYD-20240904

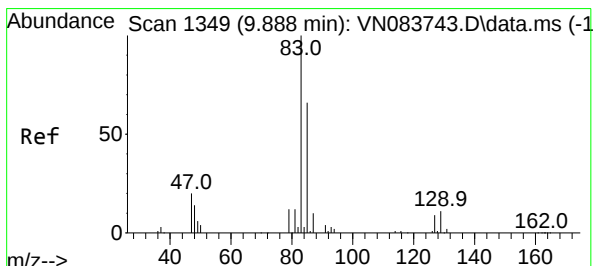
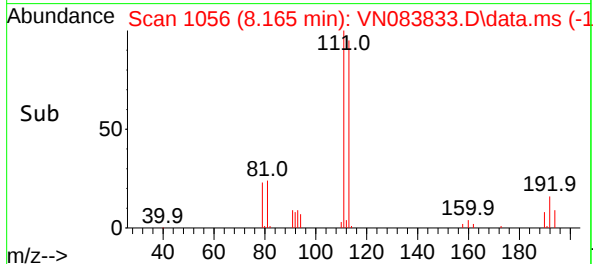
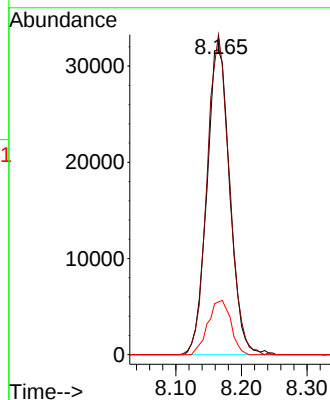
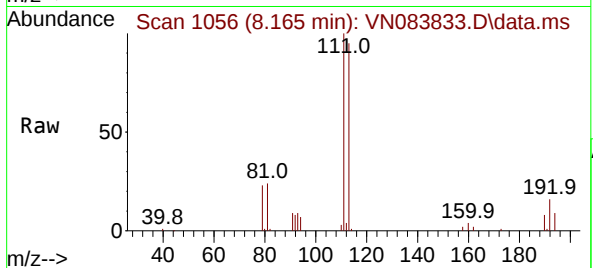
Tgt Ion:113 Resp: 78127

Ion Ratio Lower Upper

113 100

111 101.1 82.6 124.0

192 17.5 14.3 21.5



#47

Bromodichloromethane

Concen: 1.654 ug/l

RT: 9.888 min Scan# 1349

Delta R.T. 0.000 min

Lab File: VN083833.D

Acq: 12 Sep 2024 15:53

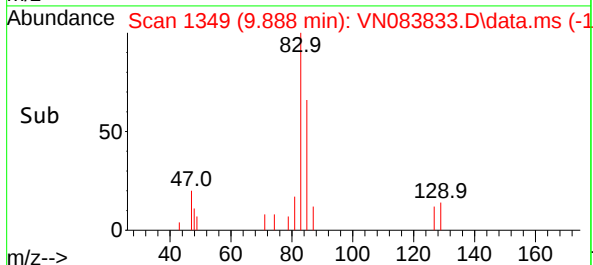
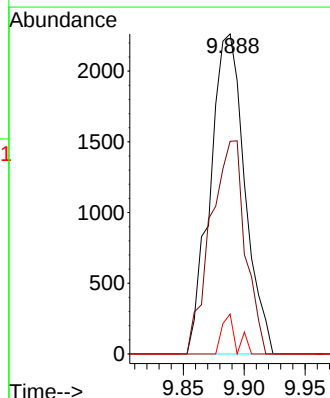
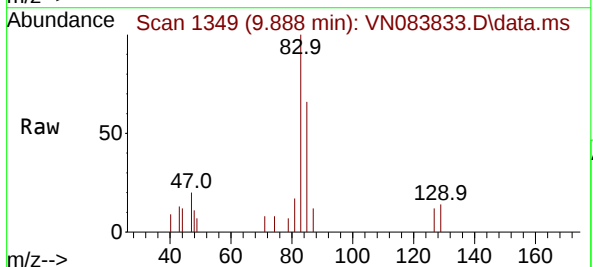
Tgt Ion: 83 Resp: 4480

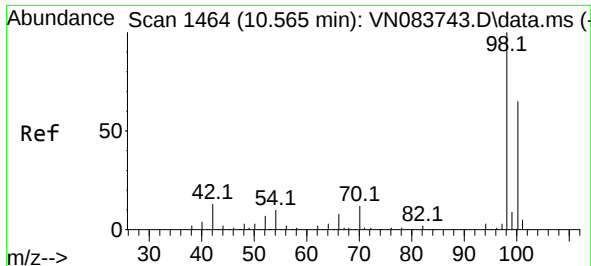
Ion Ratio Lower Upper

83 100

85 66.5 51.8 77.8

127 12.5 6.6 9.8#

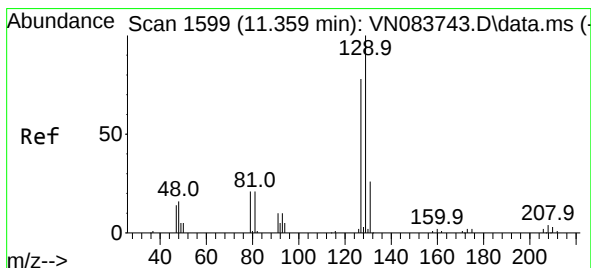
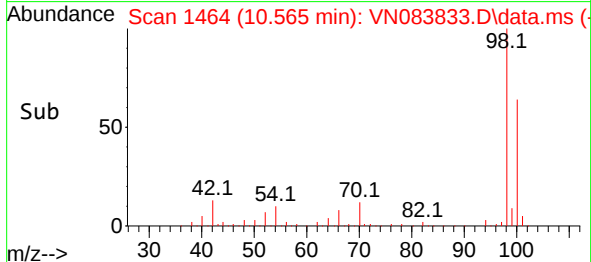
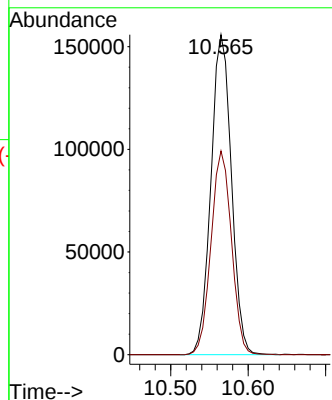
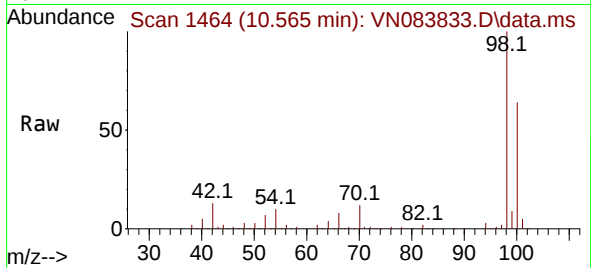




#50
Toluene-d8
Concen: 50.675 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VN083833.D
Acq: 12 Sep 2024 15:53

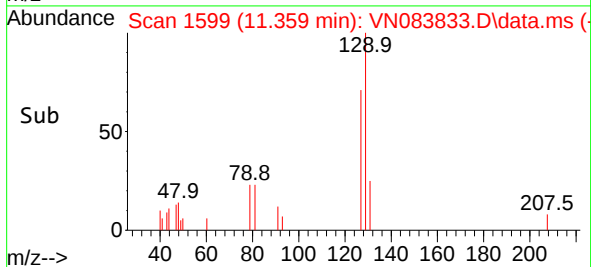
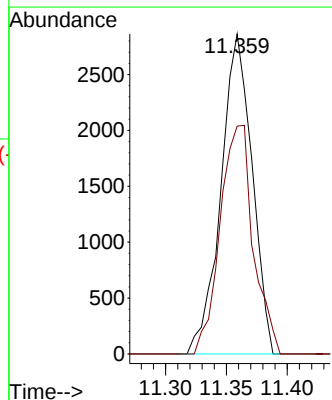
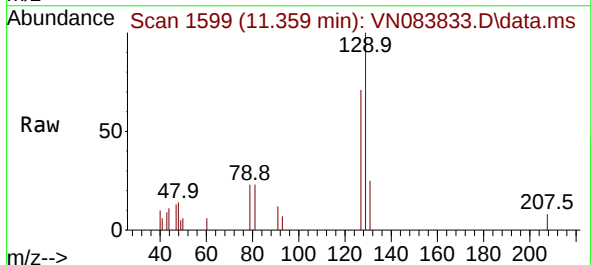
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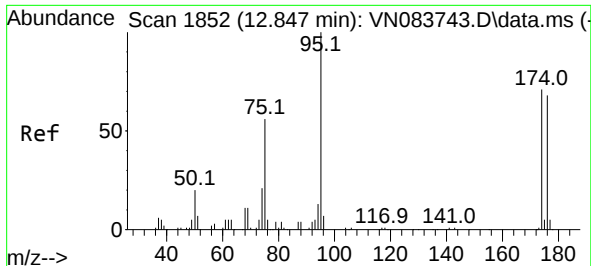
Tgt Ion: 98 Resp: 285832
Ion Ratio Lower Upper
98 100
100 63.6 52.0 78.0



#60
Dibromochloromethane
Concen: 2.698 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. 0.000 min
Lab File: VN083833.D
Acq: 12 Sep 2024 15:53

Tgt Ion:129 Resp: 5096
Ion Ratio Lower Upper
129 100
127 75.9 39.0 116.9

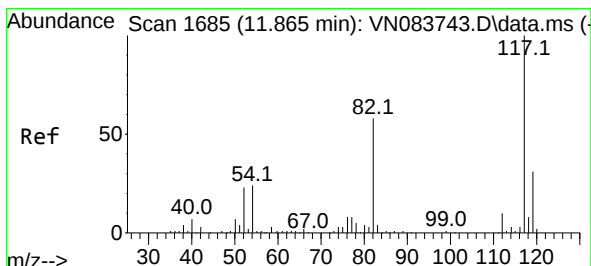
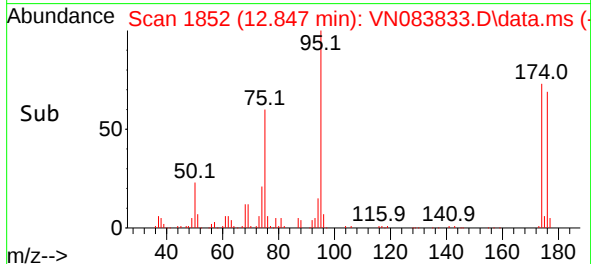
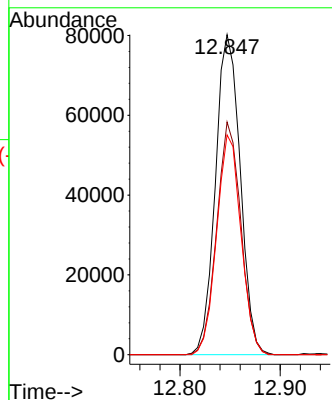
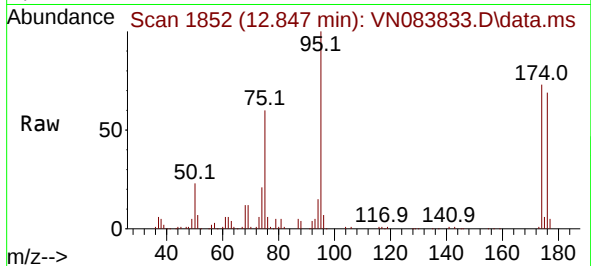




#62
4-Bromofluorobenzene
Concen: 59.226 ug/l
RT: 12.847 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN083833.D
Acq: 12 Sep 2024 15:53

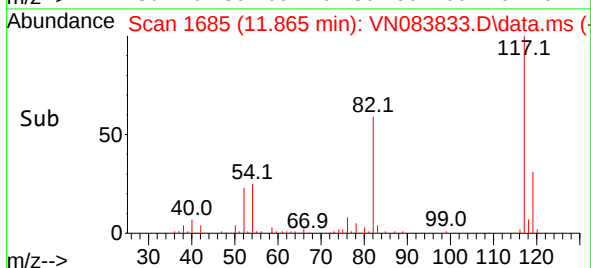
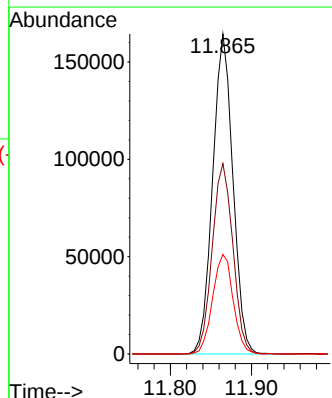
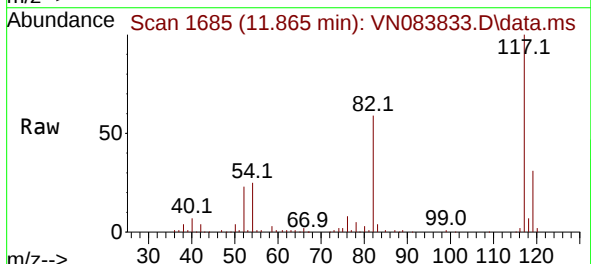
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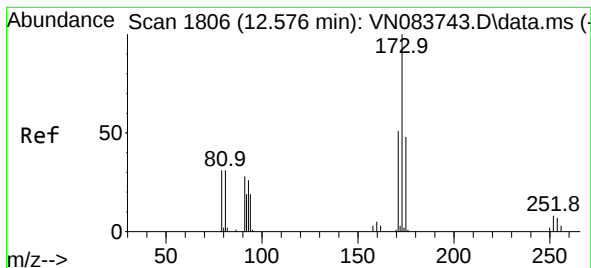
Tgt Ion: 95 Resp: 137827
Ion Ratio Lower Upper
95 100
174 70.7 0.0 139.8
176 67.4 0.0 131.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN083833.D
Acq: 12 Sep 2024 15:53

Tgt Ion: 117 Resp: 284635
Ion Ratio Lower Upper
117 100
82 59.5 47.4 71.0
119 31.1 26.3 39.5





#71

Bromoform

Concen: 1.709 ug/l

RT: 12.576 min Scan# 1806

Delta R.T. 0.000 min

Lab File: VN083833.D

Acq: 12 Sep 2024 15:53

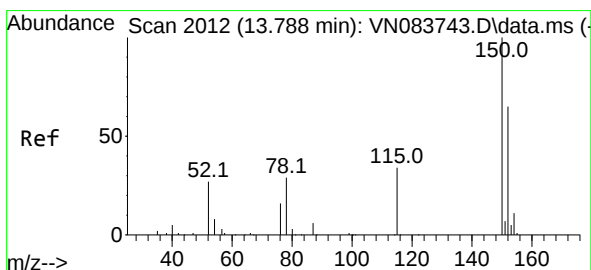
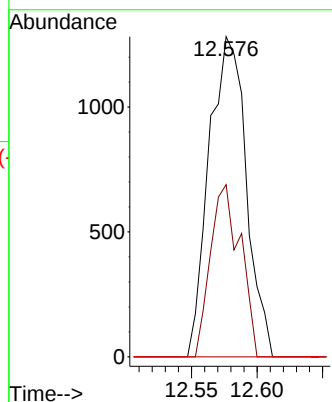
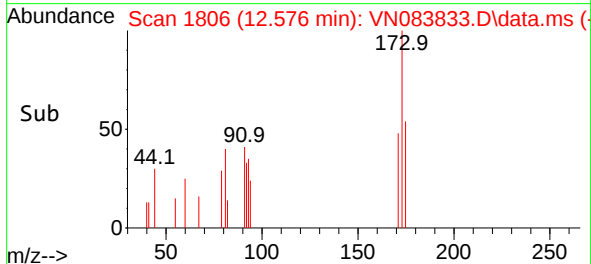
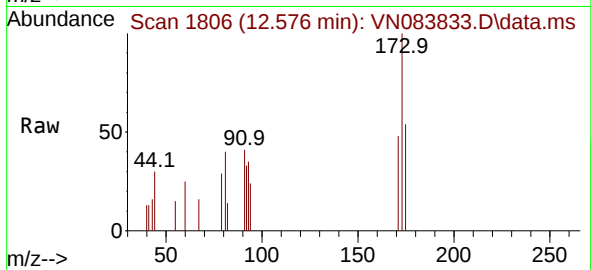
Instrument :

MSVOA_N

ClientSampleId :

BPOW6-8-HYD-20240904

Tgt Ion:	173	Resp:	2526
Ion Ratio	Lower	Upper	
173	100		
175	43.3	24.1	72.2
254	0.0	0.0	0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.788 min Scan# 2012

Delta R.T. 0.000 min

Lab File: VN083833.D

Acq: 12 Sep 2024 15:53

Tgt Ion:	152	Resp:	141380
Ion Ratio	Lower	Upper	
152	100		
115	64.8	32.2	96.6
150	160.3	0.0	348.6

