

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN072424\
 Data File : VN083028.D
 Acq On : 24 Jul 2024 14:53
 Operator : JC\MD
 Sample : P3338-03
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VPB196-HYD-20240718

Quant Time: Jul 25 02:39:12 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N070824W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 08 13:46:04 2024
 Response via : Initial Calibration

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

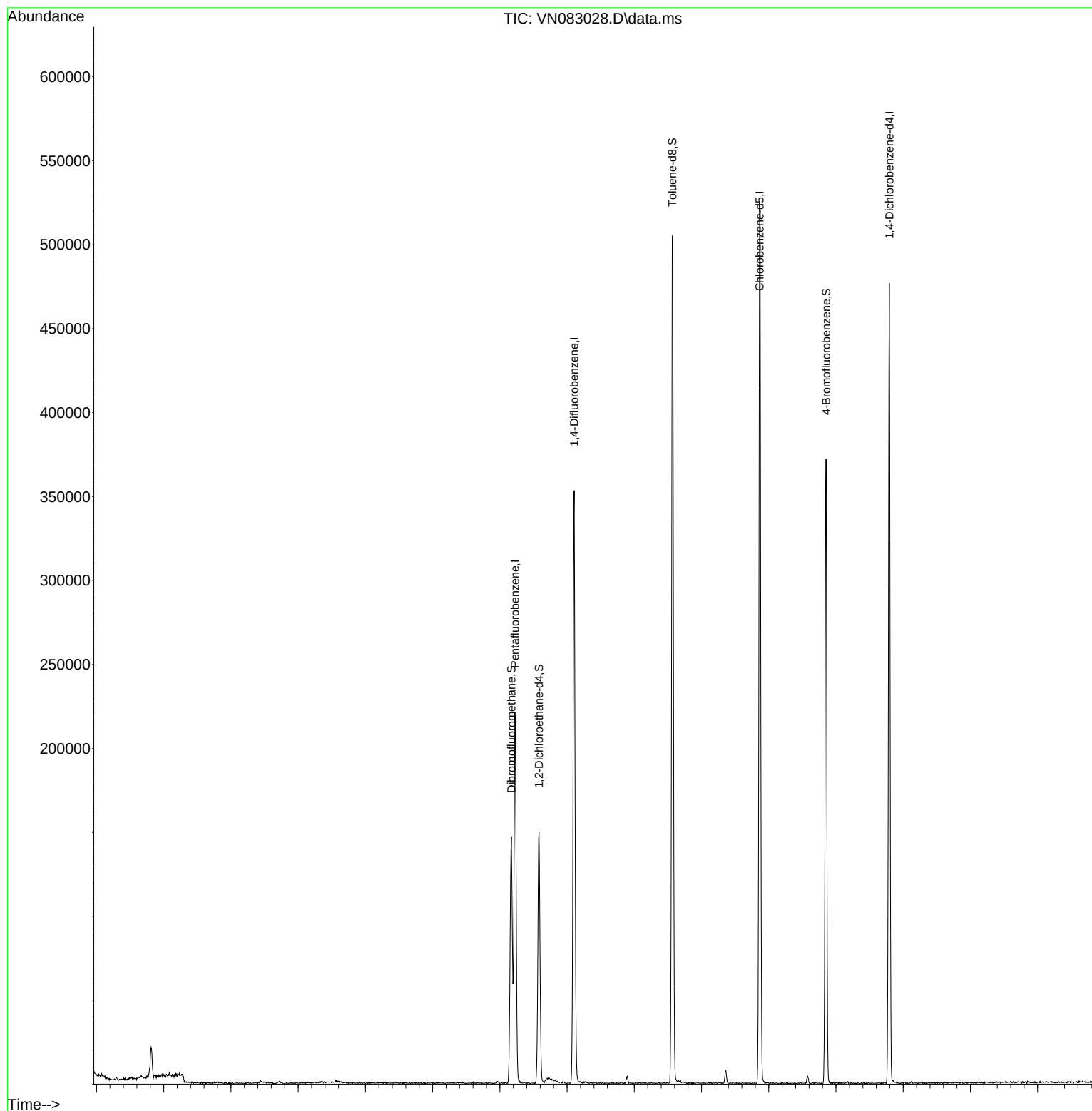
Internal Standards						
1) Pentafluorobenzene	8.223	168	149005	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	289318	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.864	117	295637	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	124529	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	120400	57.642	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 115.280%			
35) Dibromofluoromethane	8.171	113	101314	54.573	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 109.140%			
50) Toluene-d8	10.565	98	341068	49.741	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 99.480%			
62) 4-Bromofluorobenzene	12.853	95	114309	46.410	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery = 92.820%			
Target Compounds						
16) Acetone	4.430	43	2794	3.799	ug/l	98
60) Dibromochloromethane	11.364	129	4330	1.880	ug/l	90
71) Bromoform	12.588	173	1913	1.079	ug/l #	99

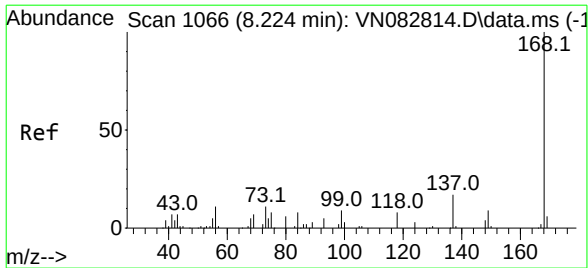
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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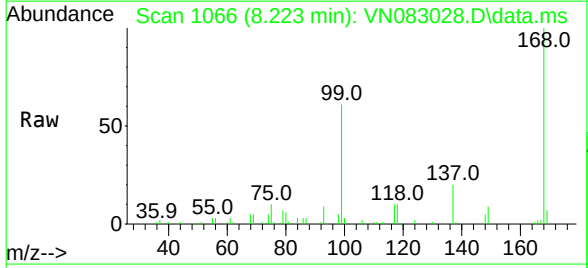
Quant Time: Jul 25 02:39:12 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N070824W.M
Quant Title : SW846 8260
QLast Update : Mon Jul 08 13:46:04 2024
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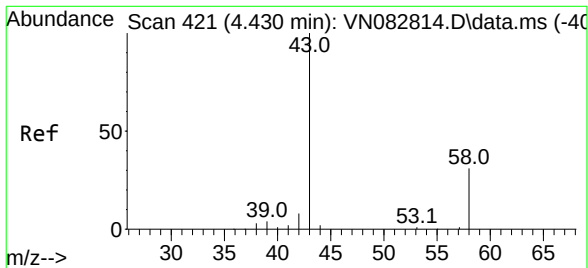
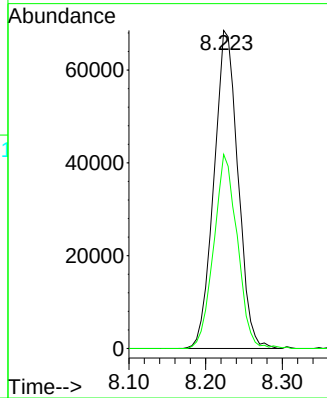
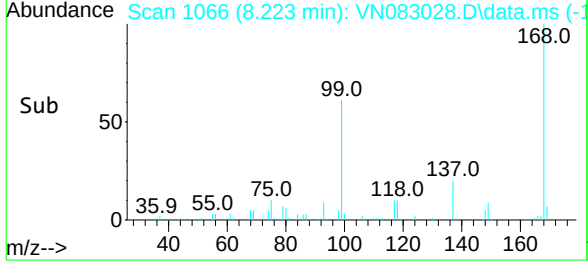


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.223 min Scan# 1066
Delta R.T. -0.006 min
Lab File: VN083028.D
Acq: 24 Jul 2024 14:53

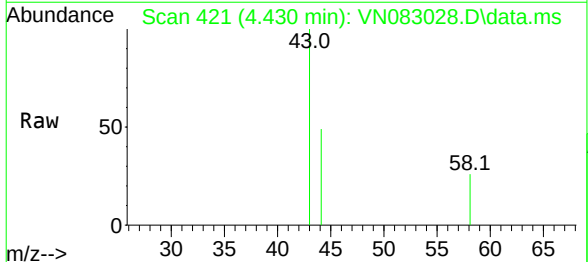
Instrument :
MSVOA_N
ClientSampleId :
VPB196-HYD-20240718



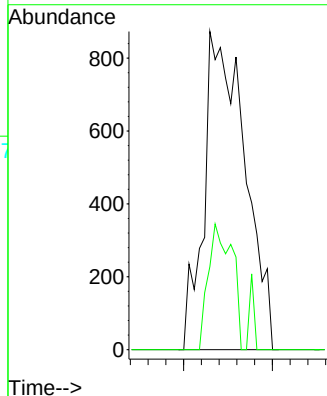
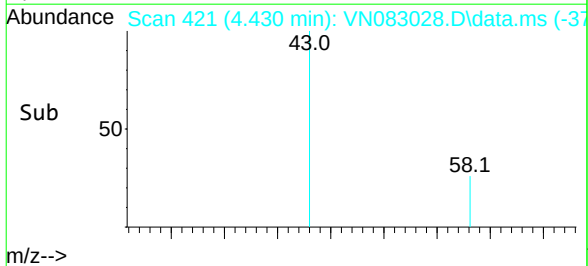
Tgt Ion:168 Resp: 149005
Ion Ratio Lower Upper
168 100
99 61.0 48.2 72.4

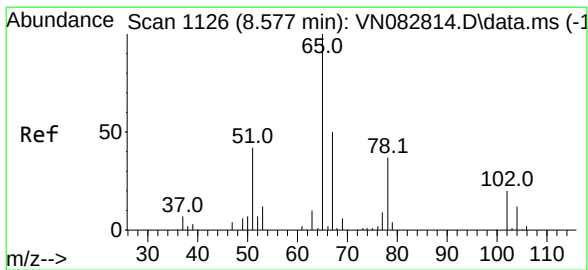


#16
Acetone
Concen: 3.799 ug/l
RT: 4.430 min Scan# 421
Delta R.T. -0.000 min
Lab File: VN083028.D
Acq: 24 Jul 2024 14:53



Tgt Ion: 43 Resp: 2794
Ion Ratio Lower Upper
43 100
58 26.1 21.8 32.6

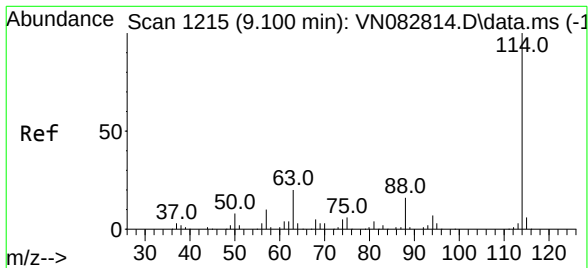
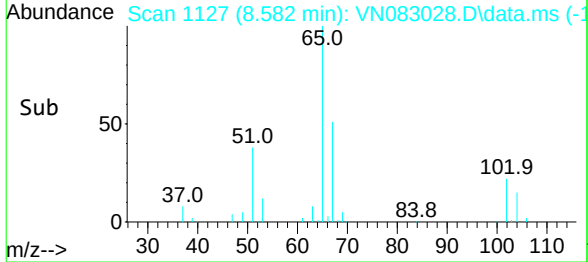
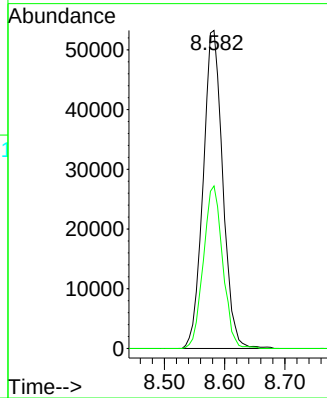
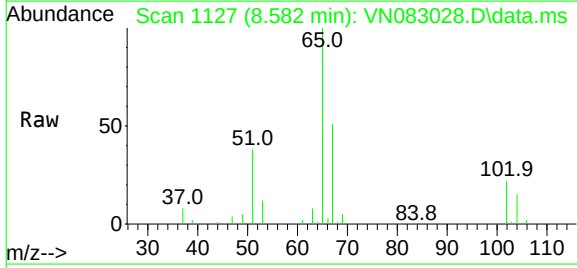




#33
1,2-Dichloroethane-d4
Concen: 57.642 ug/l
RT: 8.582 min Scan# 111
Delta R.T. 0.000 min
Lab File: VN083028.D
Acq: 24 Jul 2024 14:53

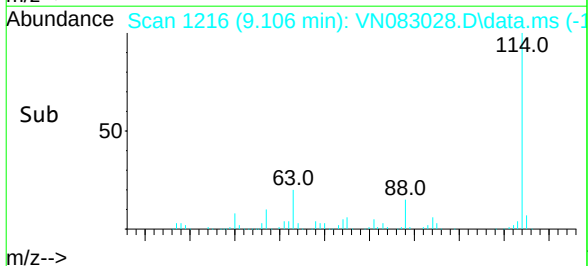
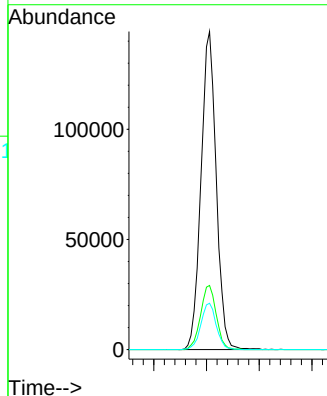
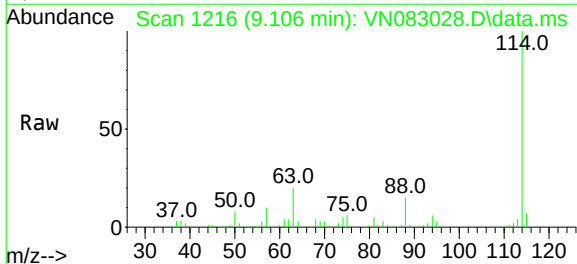
Instrument :
MSVOA_N
ClientSampleId :
VPB196-HYD-20240718

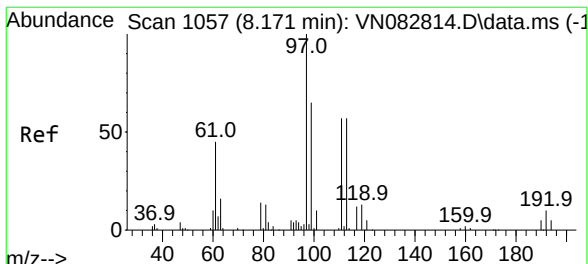
Tgt Ion: 65 Resp: 120400
Ion Ratio Lower Upper
65 100
67 50.4 0.0 104.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 1216
Delta R.T. -0.000 min
Lab File: VN083028.D
Acq: 24 Jul 2024 14:53

Tgt Ion: 114 Resp: 289318
Ion Ratio Lower Upper
114 100
63 20.2 0.0 44.6
88 14.6 0.0 31.4

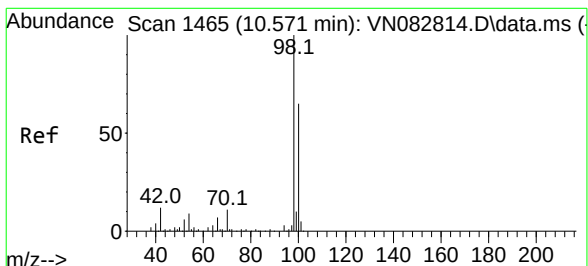
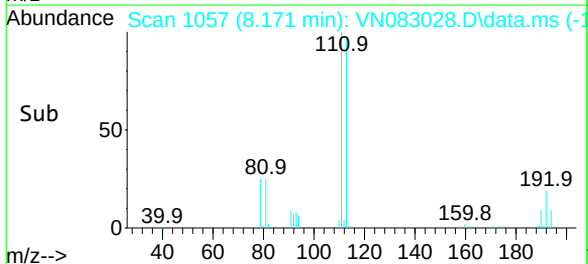
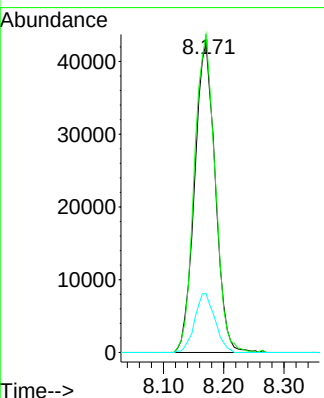
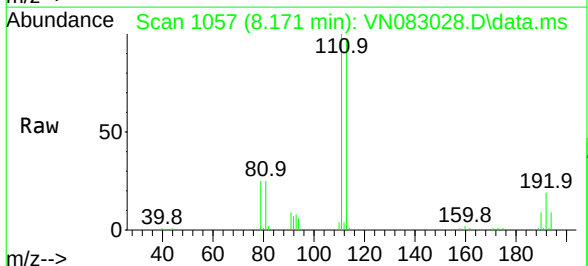




#35
 Dibromofluoromethane
 Concen: 54.573 ug/l
 RT: 8.171 min Scan# 1057
 Delta R.T. 0.006 min
 Lab File: VN083028.D
 Acq: 24 Jul 2024 14:53

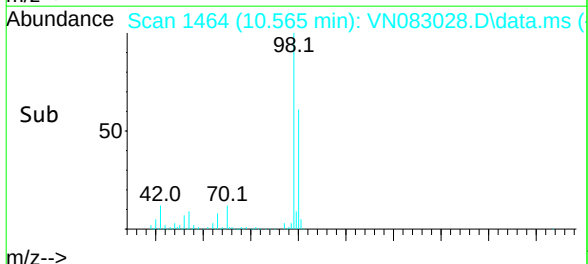
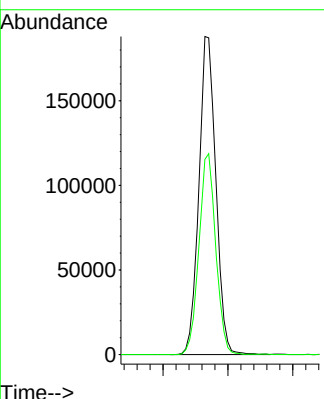
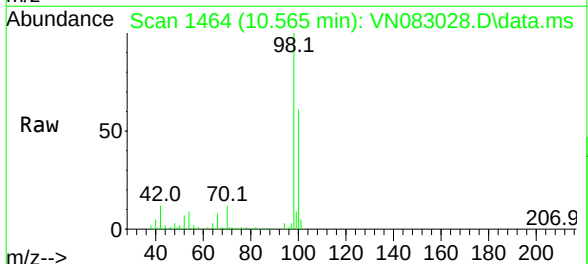
Instrument : MSVOA_N
 ClientSampleId : VPB196-HYD-20240718

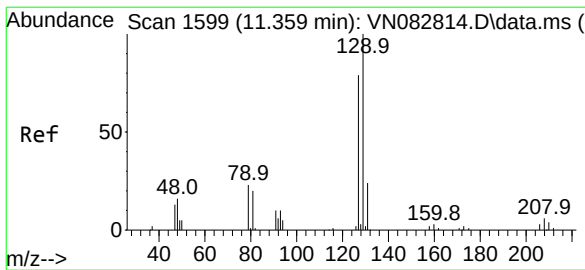
Tgt Ion:	113	Resp:	101314
Ion	Ratio	Lower	Upper
113	100		
111	103.0	82.4	123.6
192	18.7	14.9	22.3



#50
 Toluene-d8
 Concen: 49.741 ug/l
 RT: 10.565 min Scan# 1464
 Delta R.T. -0.005 min
 Lab File: VN083028.D
 Acq: 24 Jul 2024 14:53

Tgt Ion:	98	Resp:	341068
Ion	Ratio	Lower	Upper
98	100		
100	62.6	51.5	77.3





#60

Dibromochloromethane

Concen: 1.880 ug/l

RT: 11.364 min Scan# 16

Delta R.T. 0.005 min

Lab File: VN083028.D

Acq: 24 Jul 2024 14:53

Instrument :

MSVOA_N

ClientSampleId :

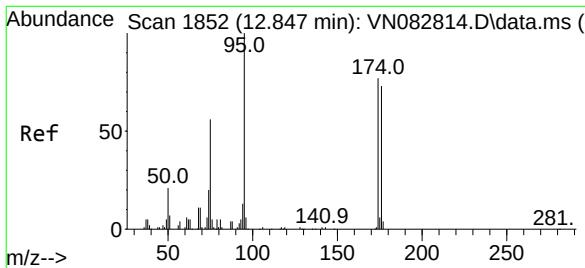
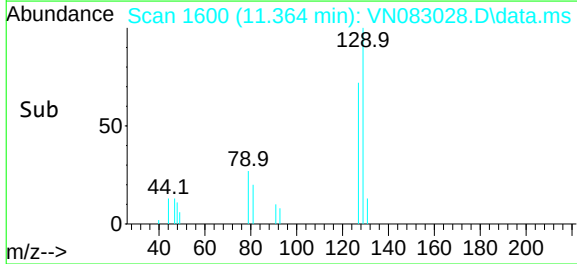
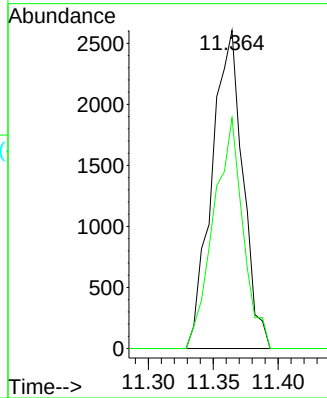
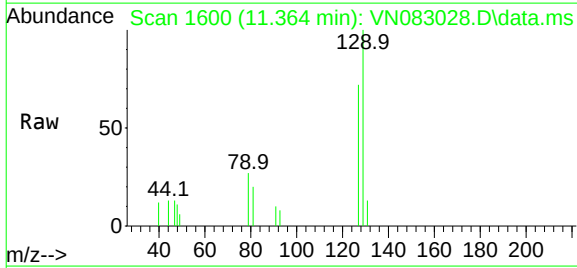
VPB196-HYD-20240718

Tgt Ion:129 Resp: 4330

Ion Ratio Lower Upper

129 100

127 69.3 39.2 117.6



#62

4-Bromofluorobenzene

Concen: 46.410 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. 0.006 min

Lab File: VN083028.D

Acq: 24 Jul 2024 14:53

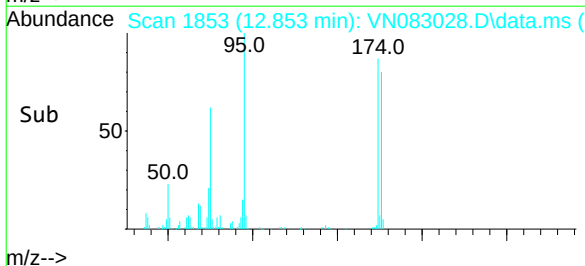
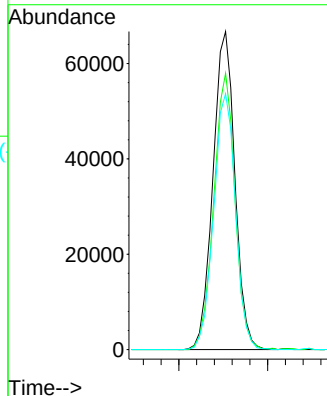
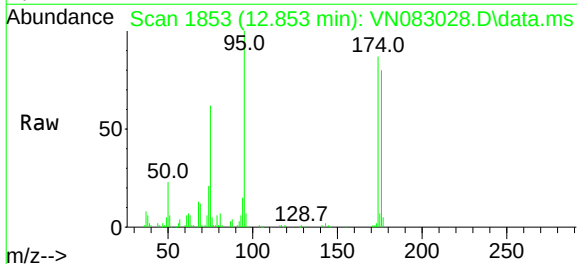
Tgt Ion: 95 Resp: 114309

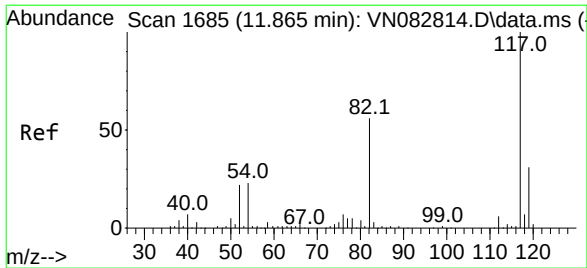
Ion Ratio Lower Upper

95 100

174 84.2 0.0 159.2

176 80.1 0.0 147.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.864 min Scan# 16

Delta R.T. -0.006 min

Lab File: VN083028.D

Acq: 24 Jul 2024 14:53

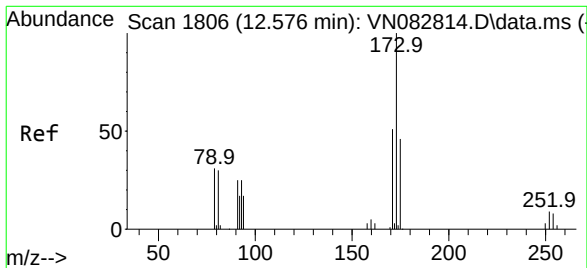
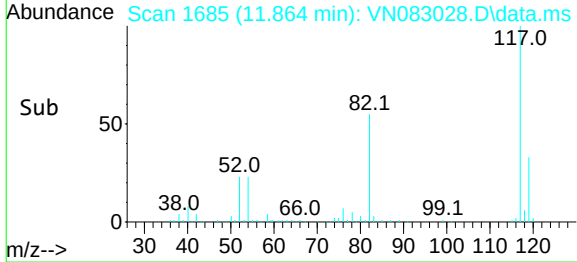
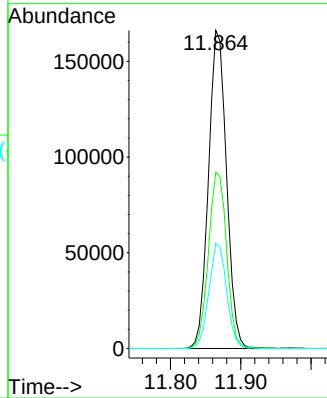
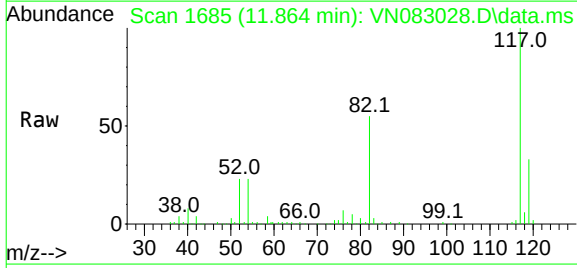
Instrument :

MSVOA_N

ClientSampleId :

VPB196-HYD-20240718

Tgt Ion:	117	Resp:	295637
Ion	Ratio	Lower	Upper
117	100		
82	55.4	47.5	71.3
119	33.1	25.6	38.4



#71

Bromoform

Concen: 1.079 ug/l

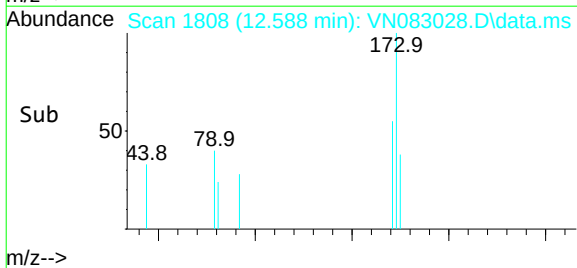
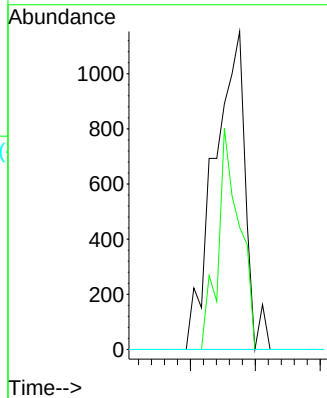
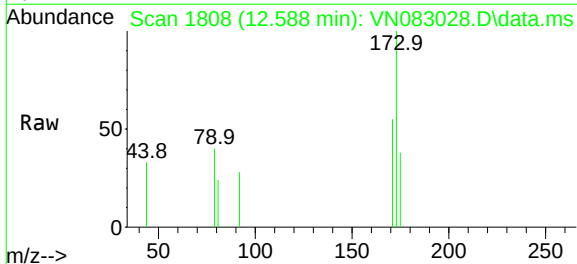
RT: 12.588 min Scan# 1808

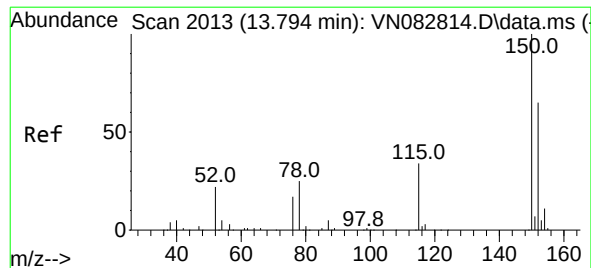
Delta R.T. 0.006 min

Lab File: VN083028.D

Acq: 24 Jul 2024 14:53

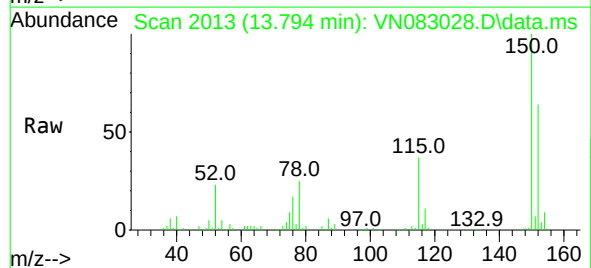
Tgt Ion:	173	Resp:	1913
Ion	Ratio	Lower	Upper
173	100		
175	48.4	24.0	72.0
254	0.0	0.0	0.0





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VN083028.D
 Acq: 24 Jul 2024 14:53

Instrument :
 MSVOA_N
 ClientSampleId :
 VPB196-HYD-20240718



Tgt Ion:	152	Resp:	124529
Ion	Ratio	Lower	Upper
152	100		
115	58.4	30.6	91.6
150	156.7	0.0	348.6

