

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)

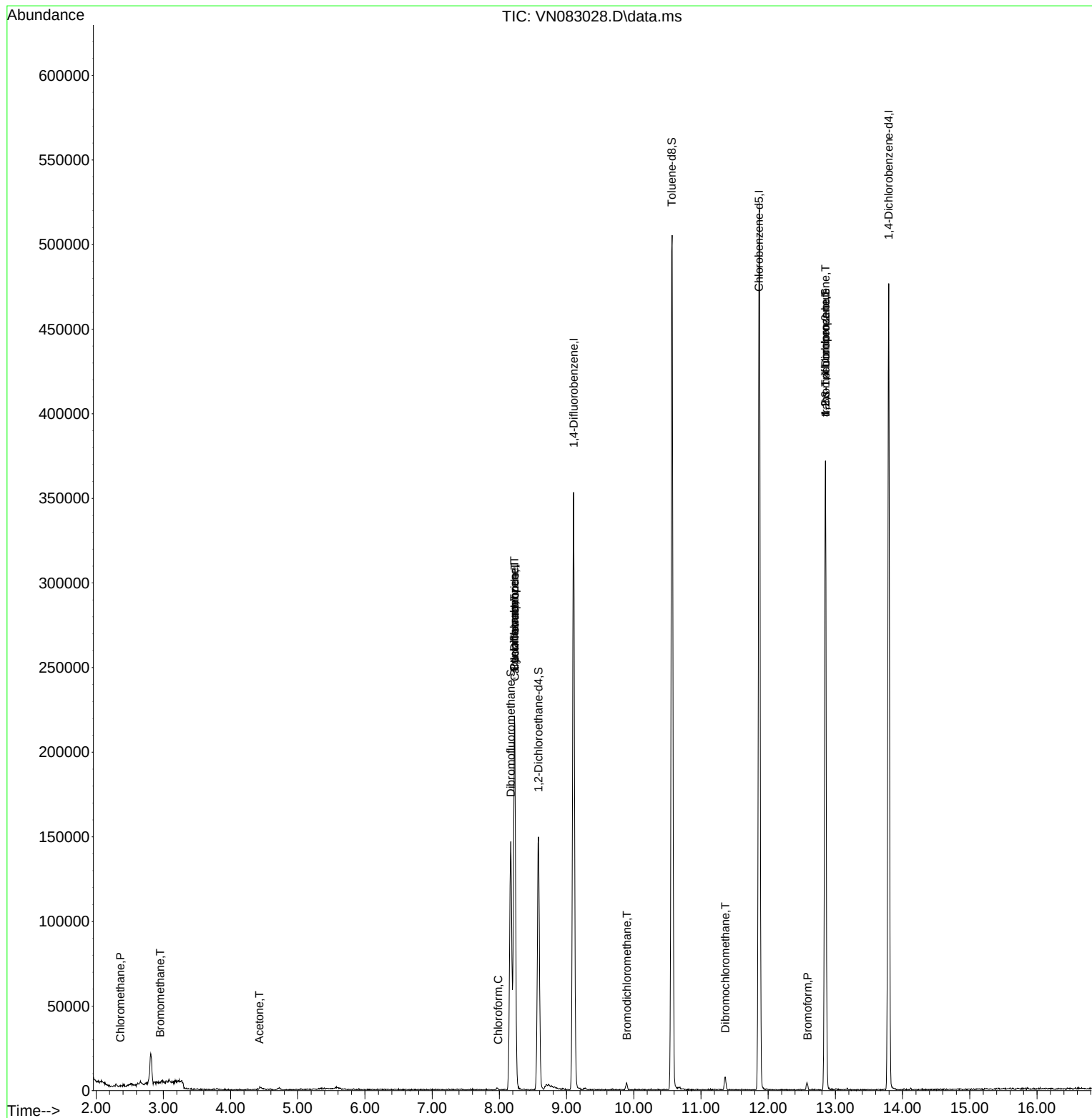
Internal Standards							
1) Pentafluorobenzene		8.223	168	149005	50.000	ug/l	0.00
34) 1,4-Difluorobenzene		9.106	114	289318	50.000	ug/l	0.00
63) Chlorobenzene-d5		11.864	117	295637	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4		13.794	152	124529	50.000	ug/l	0.00
System Monitoring Compounds							
33) 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							
						Qvalue	
3) Chloromethane		2.359	50	865	0.473	ug/l #	43
5) Bromomethane		2.953	94	422	0.305	ug/l	96
16) Acetone		4.430	43	2794	3.799	ug/l	98
30) Chloroform		7.982	83	1087	0.340	ug/l #	18
31) Cyclohexane		8.223	56	4130	1.512	ug/l #	22
36) 1,1-Dichloropropene		8.223	75	13893	5.428	ug/l #	50
38) Carbon Tetrachloride		8.229	117	16358	5.308	ug/l #	17
43) Isopropyl Acetate		8.706	43	2342	Below Cal	#	60
47) Bromodichloromethane		9.900	83	2705	0.914	ug/l #	69
60) Dibromochloromethane		11.364	129	4330	1.880	ug/l	90
71) Bromoform		12.588	173	1913	1.079	ug/l #	99
76) 1,2,3-Trichloropropane		12.853	75	68171	31.752	ug/l #	1
81) trans-1,4-Dichloro-2-b...		12.853	75	68171	62.448	ug/l #	6

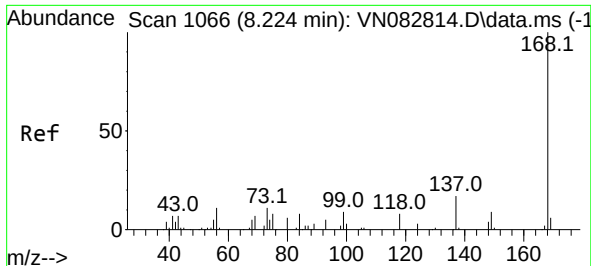
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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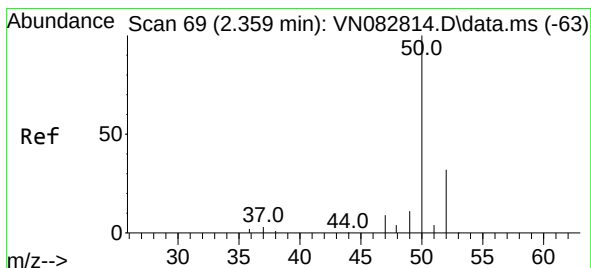
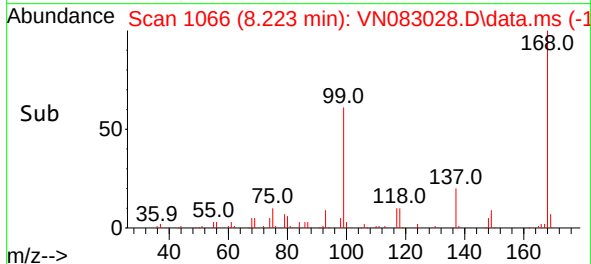
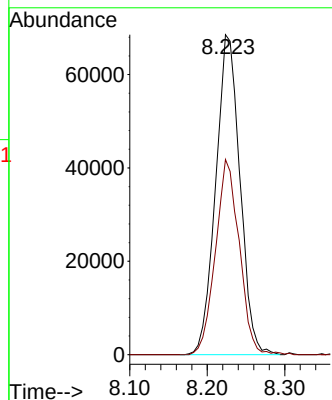
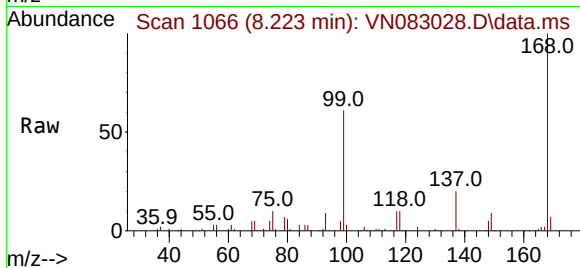




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.223 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN083028.D
Acq: 24 Jul 2024 14:53

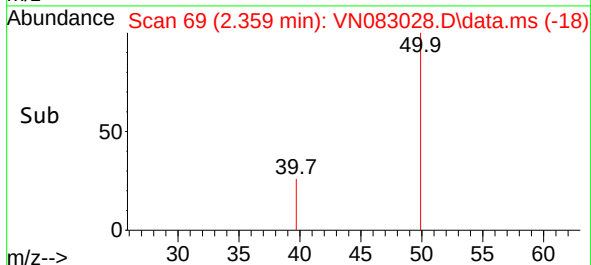
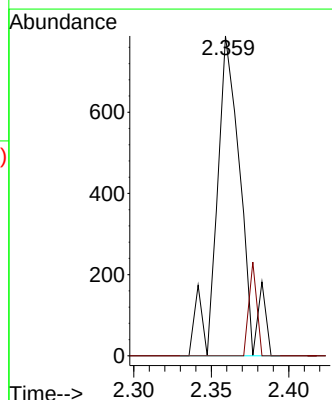
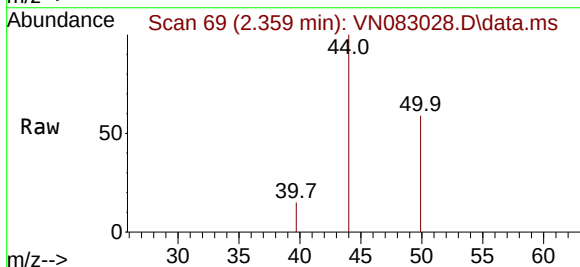
Instrument :
MSVOA_N
ClientSampleId :
VPB196-HYD-20240718

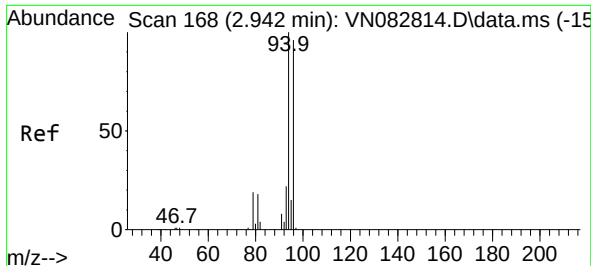
Tgt Ion:168 Resp: 149005
Ion Ratio Lower Upper
168 100
99 61.0 48.2 72.4



#3
Chloromethane
Concen: 0.473 ug/l
RT: 2.359 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN083028.D
Acq: 24 Jul 2024 14:53

Tgt Ion: 50 Resp: 865
Ion Ratio Lower Upper
50 100
52 0.0 25.0 37.4#

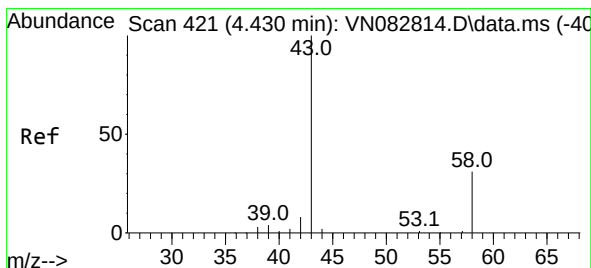
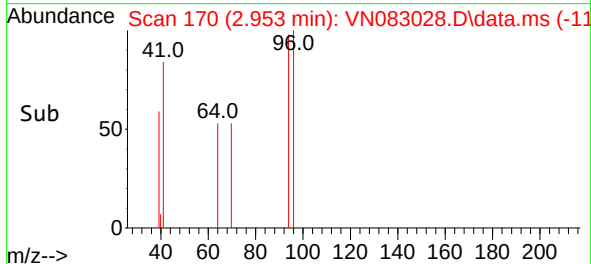
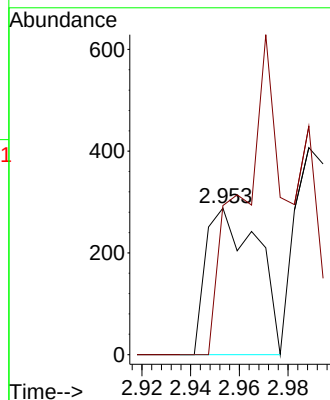
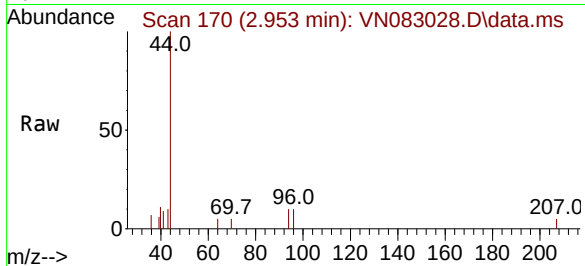




#5
Bromomethane
Concen: 0.305 ug/l
RT: 2.953 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN083028.D
Acq: 24 Jul 2024 14:53

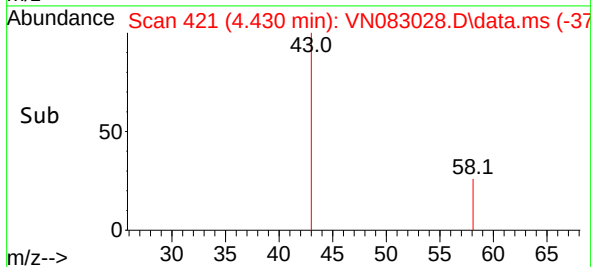
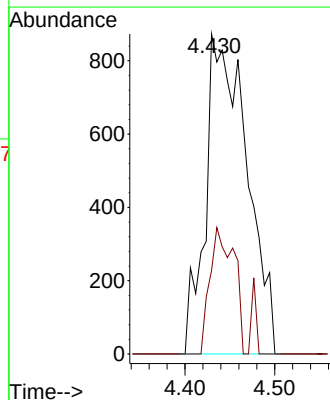
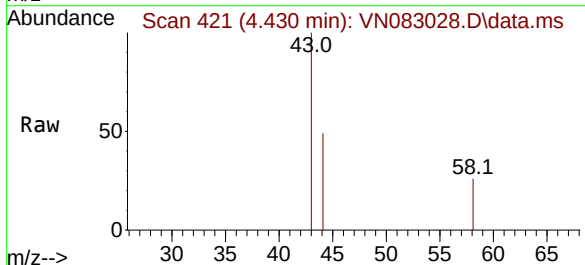
Instrument :
MSVOA_N
ClientSampleId :
VPB196-HYD-20240718

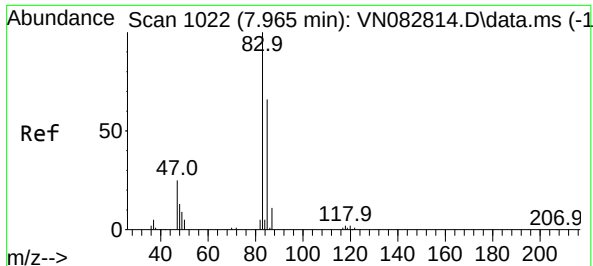
Tgt Ion: 94 Resp: 422
Ion Ratio Lower Upper
94 100
96 101.7 78.0 117.0



#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





#30

Chloroform

Concen: 0.340 ug/l

RT: 7.982 min Scan# 1087

Delta R.T. 0.017 min

Lab File: VN083028.D

Acq: 24 Jul 2024 14:53

Instrument :

MSVOA_N

ClientSampleId :

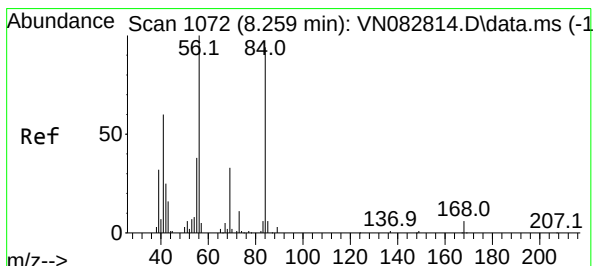
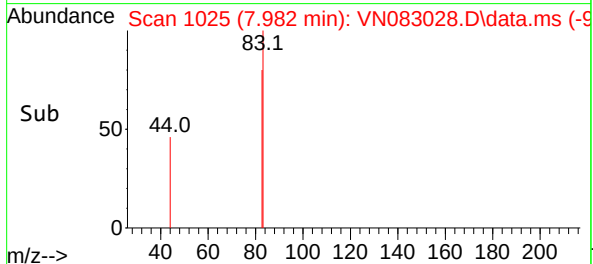
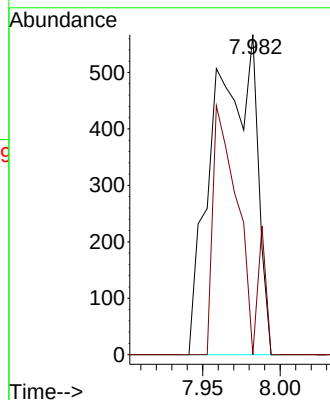
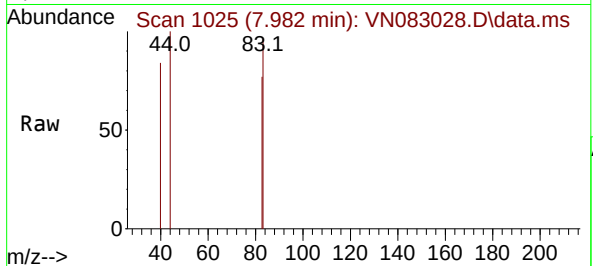
VPB196-HYD-20240718

Tgt Ion: 83 Resp: 1087

Ion Ratio Lower Upper

83 100

85 0.0 50.9 76.3#



#31

Cyclohexane

Concen: 1.512 ug/l

RT: 8.223 min Scan# 1066

Delta R.T. -0.036 min

Lab File: VN083028.D

Acq: 24 Jul 2024 14:53

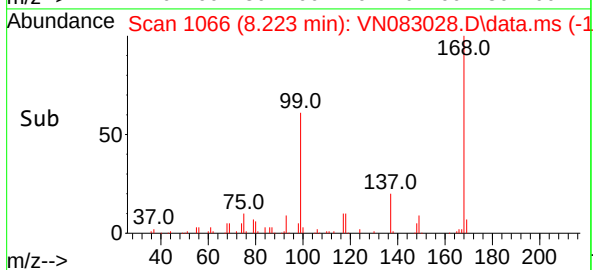
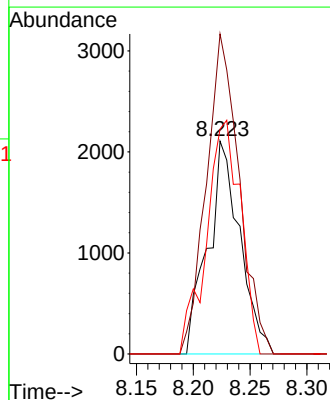
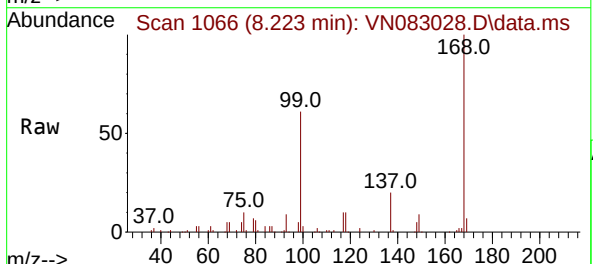
Tgt Ion: 56 Resp: 4130

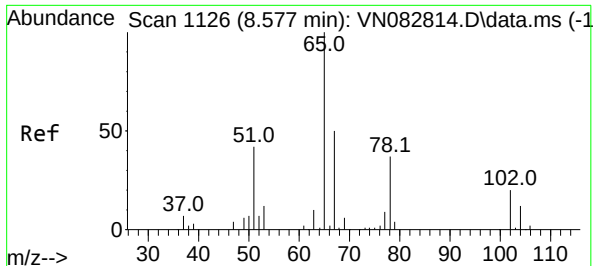
Ion Ratio Lower Upper

56 100

69 150.4 24.5 36.7#

84 105.7 66.0 99.0#





#33

1,2-Dichloroethane-d4

Concen: 57.642 ug/l

RT: 8.582 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VN083028.D

Acq: 24 Jul 2024 14:53

Instrument :

MSVOA_N

ClientSampleId :

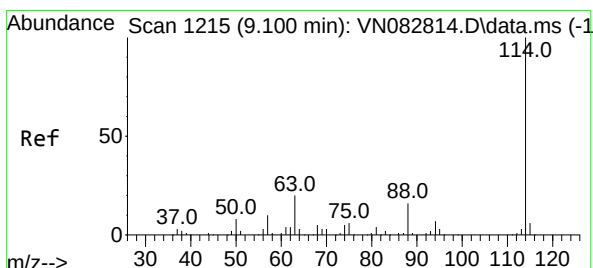
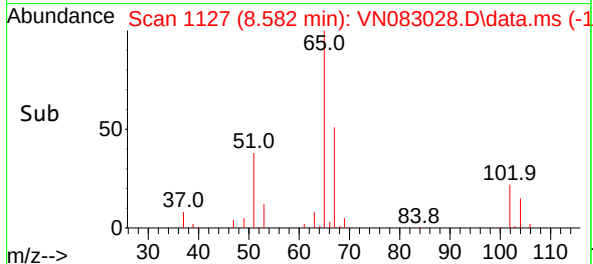
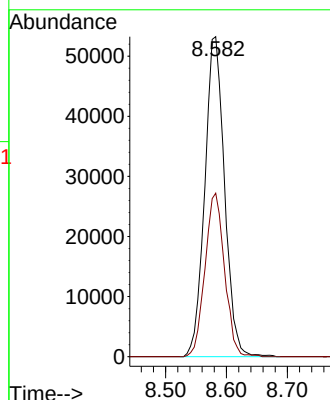
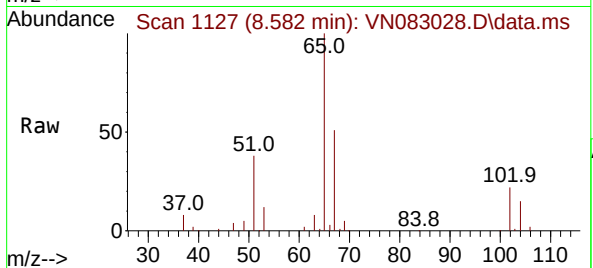
VPB196-HYD-20240718

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

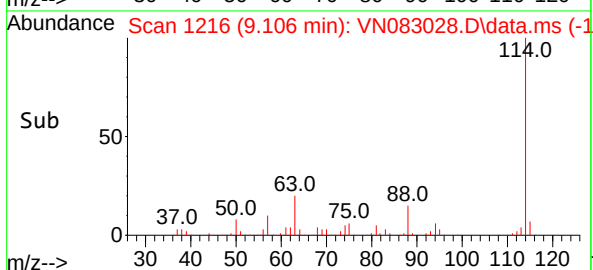
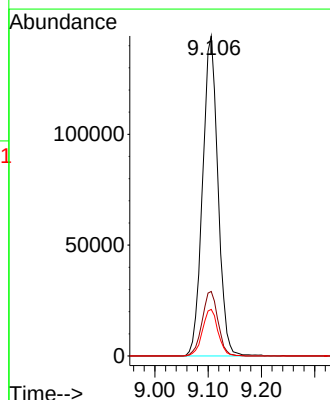
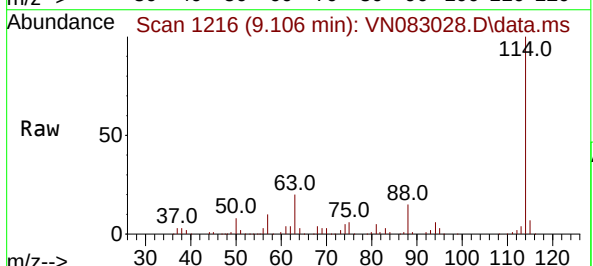
Tgt Ion: 114 Resp: 289318

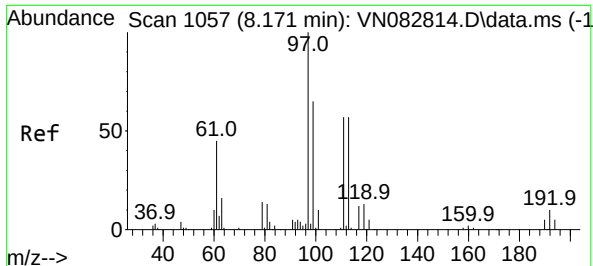
Ion Ratio Lower Upper

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

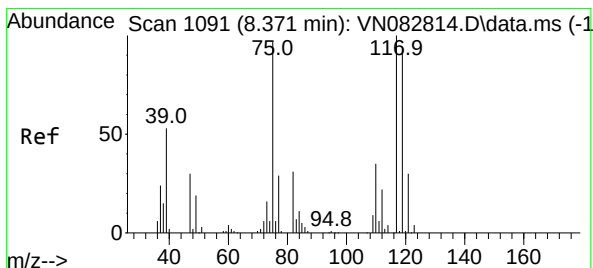
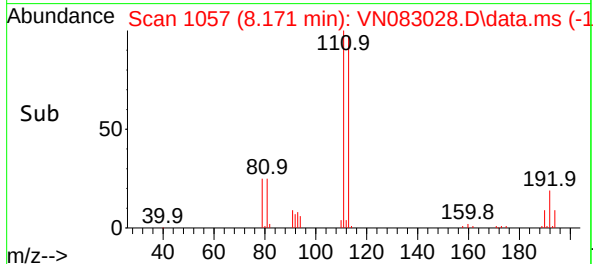
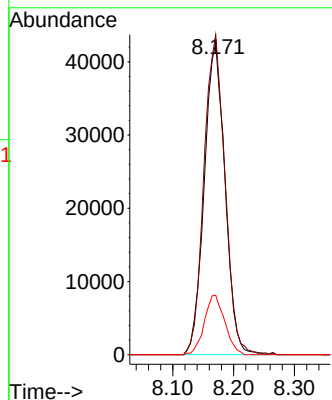
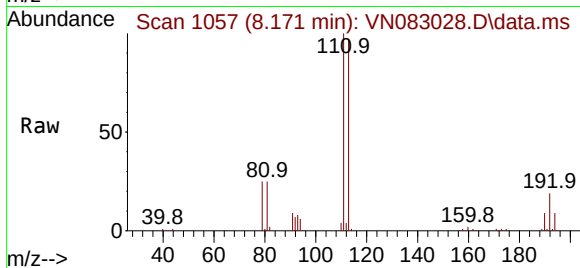
Tgt Ion:113 Resp: 101314

Ion Ratio Lower Upper

113 100

111 103.0 82.4 123.6

192 18.7 14.9 22.3



#36

1,1-Dichloropropene

Concen: 5.428 ug/l

RT: 8.223 min Scan# 1066

Delta R.T. -0.148 min

Lab File: VN083028.D

Acq: 24 Jul 2024 14:53

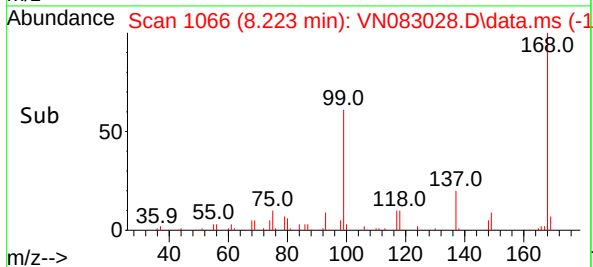
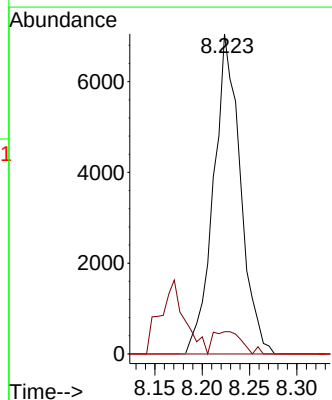
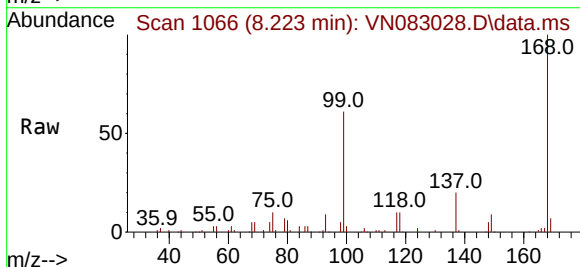
Tgt Ion: 75 Resp: 13893

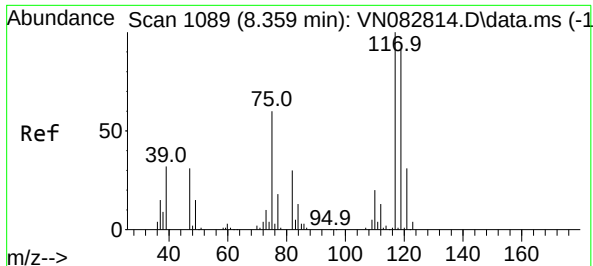
Ion Ratio Lower Upper

75 100

110 7.5 16.3 48.9#

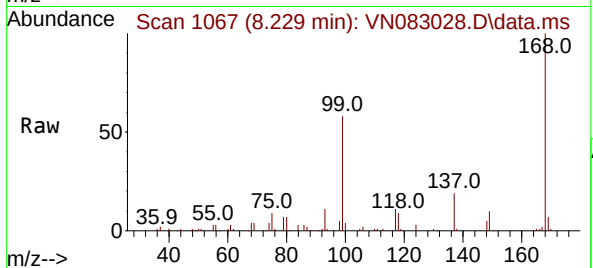
77 0.0 24.6 37.0#



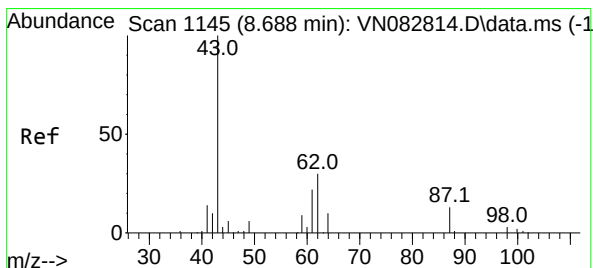
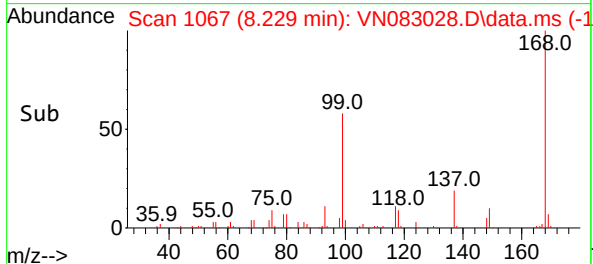
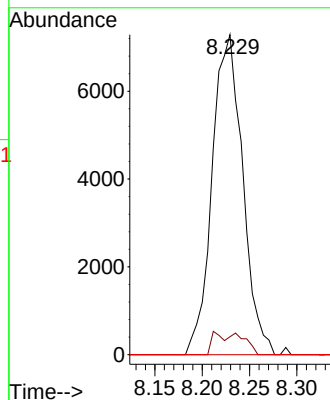


#38
Carbon Tetrachloride
Concen: 5.308 ug/l
RT: 8.229 min Scan# 1067
Delta R.T. -0.136 min
Lab File: VN083028.D
Acq: 24 Jul 2024 14:53

Instrument : MSVOA_N
ClientSampleId : VPB196-HYD-20240718

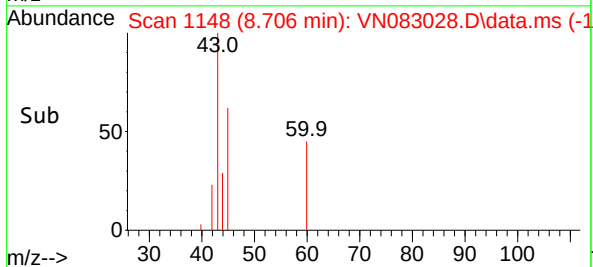
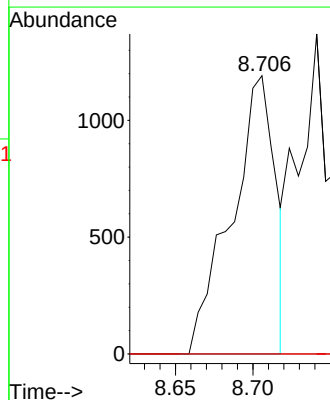
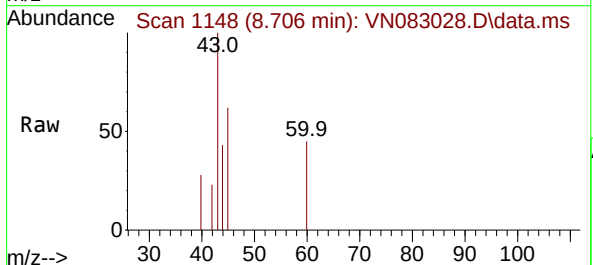


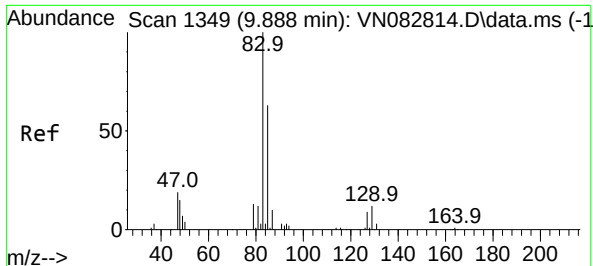
Tgt Ion:117 Resp: 16358
Ion Ratio Lower Upper
117 100
119 5.6 74.9 112.3#
121 0.0 24.3 36.5#



#43
Isopropyl Acetate
Concen: Below Cal
RT: 8.706 min Scan# 1148
Delta R.T. 0.012 min
Lab File: VN083028.D
Acq: 24 Jul 2024 14:53

Tgt Ion: 43 Resp: 2342
Ion Ratio Lower Upper
43 100
61 0.0 17.8 26.6#
87 0.0 8.2 12.2#





#47

Bromodichloromethane

Concen: 0.914 ug/l

RT: 9.900 min Scan# 11

Delta R.T. 0.012 min

Lab File: VN083028.D

Acq: 24 Jul 2024 14:53

Instrument :

MSVOA_N

ClientSampleId :

VPB196-HYD-20240718

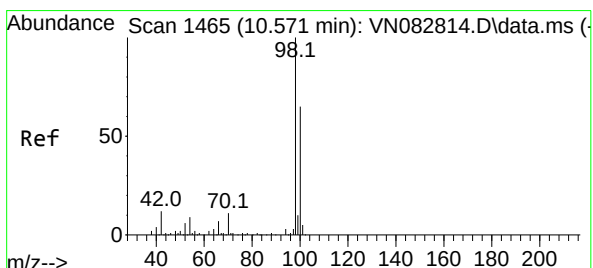
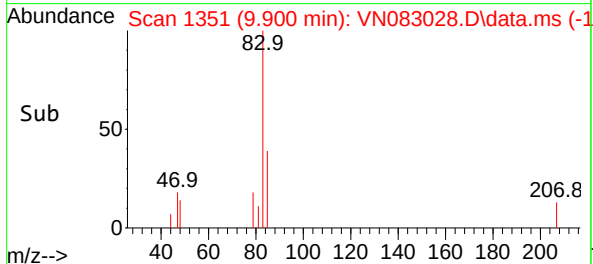
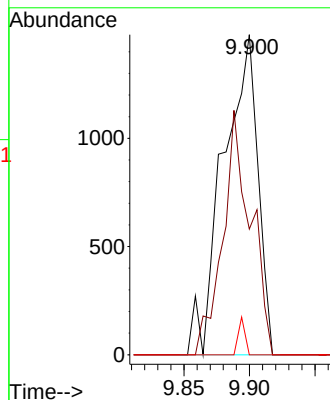
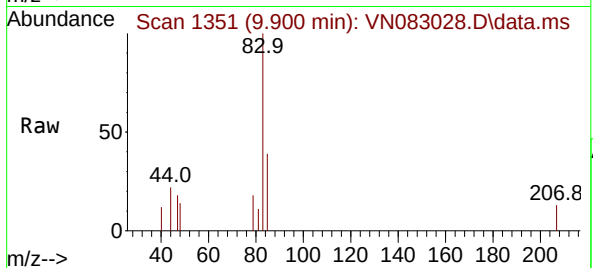
Tgt Ion: 83 Resp: 2705

Ion Ratio Lower Upper

83 100

85 39.3 51.1 76.7#

127 0.0 7.2 10.8#



#50

Toluene-d8

Concen: 49.741 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. -0.005 min

Lab File: VN083028.D

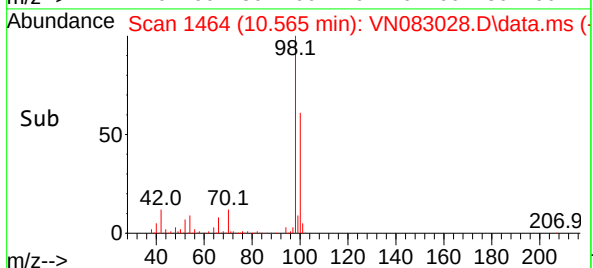
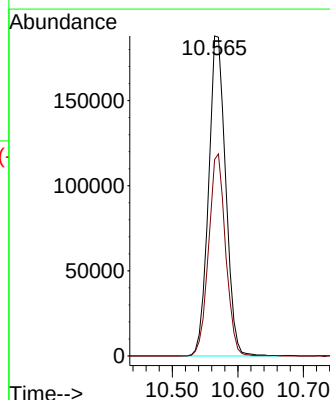
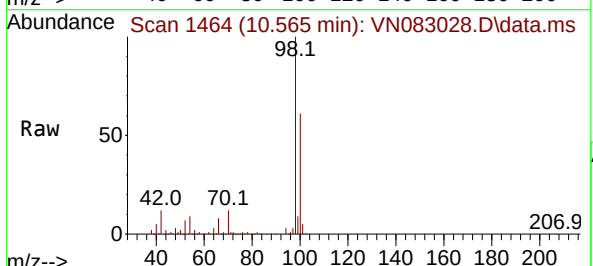
Acq: 24 Jul 2024 14:53

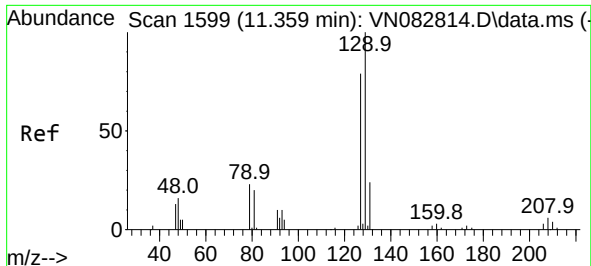
Tgt Ion: 98 Resp: 341068

Ion Ratio Lower Upper

98 100

100 62.6 51.5 77.3

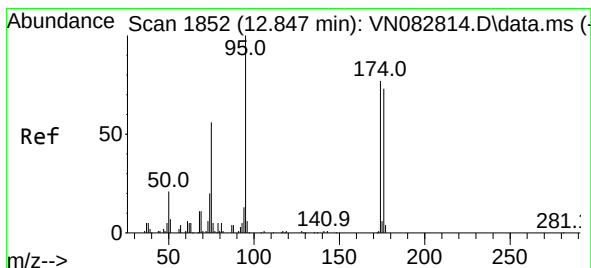
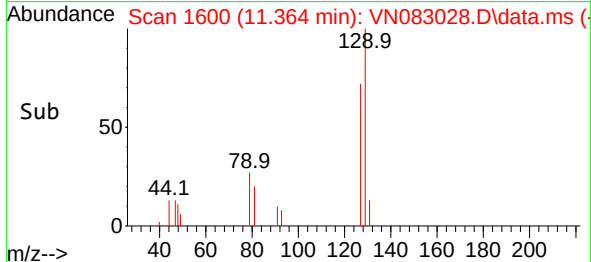
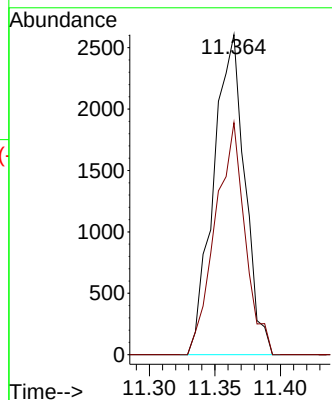
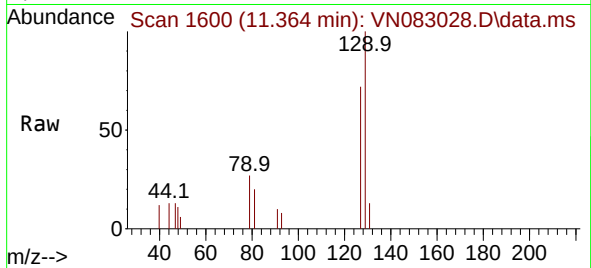




#60
Dibromochloromethane
Concen: 1.880 ug/l
RT: 11.364 min Scan# 11
Delta R.T. 0.005 min
Lab File: VN083028.D
Acq: 24 Jul 2024 14:53

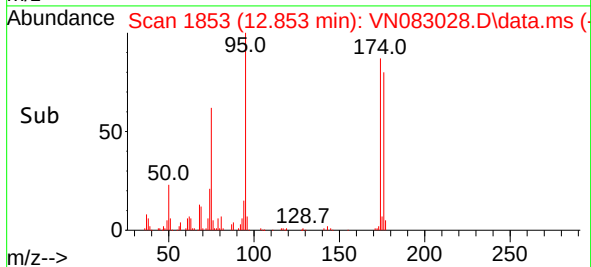
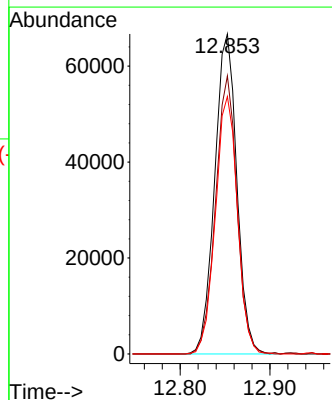
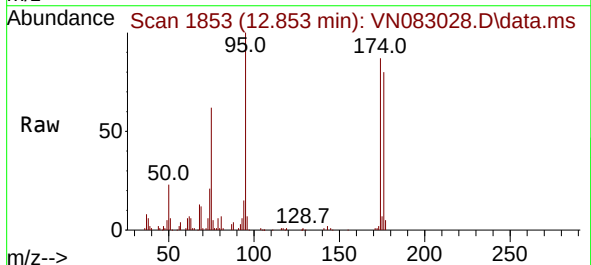
Instrument :
MSVOA_N
ClientSampleId :
VPB196-HYD-20240718

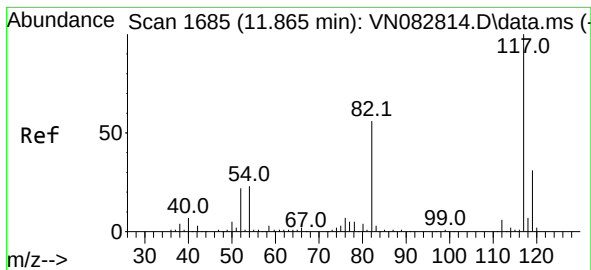
Tgt Ion:129 Resp: 4330
Ion Ratio Lower Upper
129 100
127 69.3 39.2 117.6



#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# 1

Delta R.T. -0.006 min

Lab File: VN083028.D

Acq: 24 Jul 2024 14:53

Instrument :

MSVOA_N

ClientSampleId :

VPB196-HYD-20240718

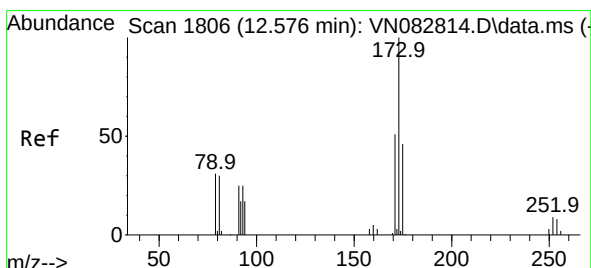
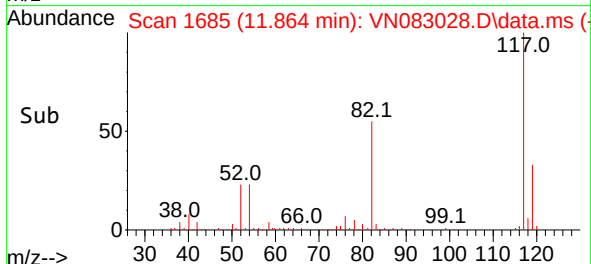
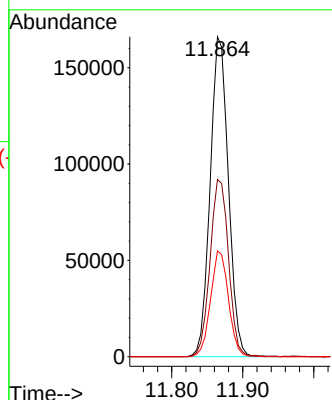
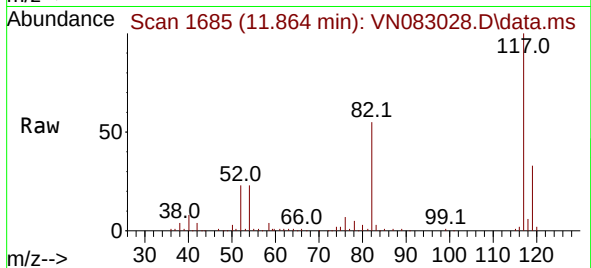
Tgt Ion:117 Resp: 295637

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

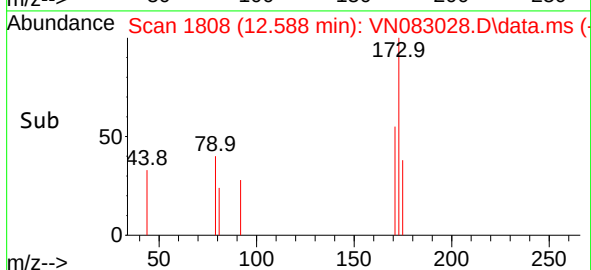
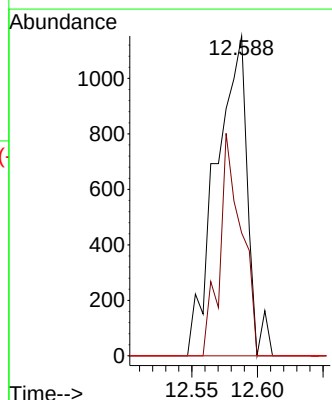
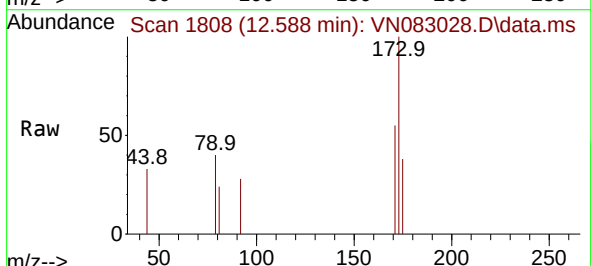
Tgt Ion:173 Resp: 1913

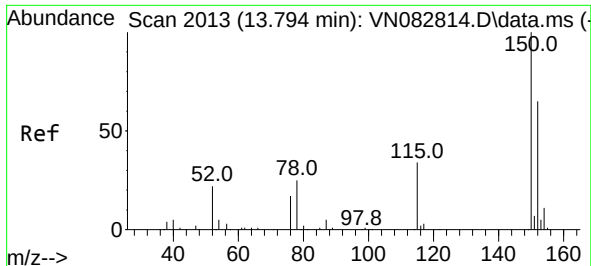
Ion Ratio Lower Upper

173 100

175 48.4 24.0 72.0

254 0.0 0.0 0.0

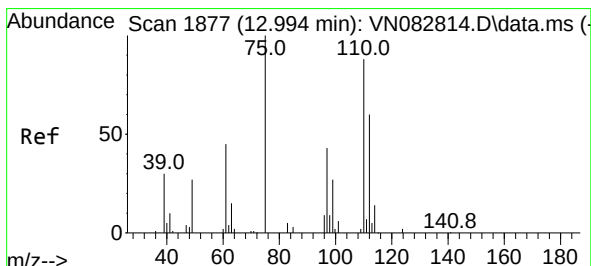
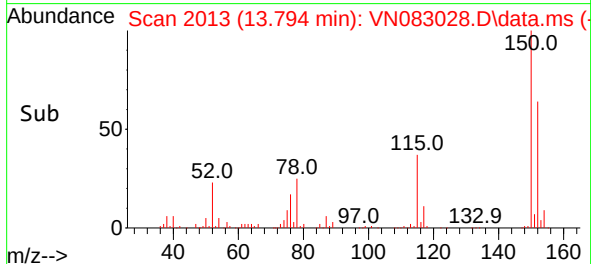
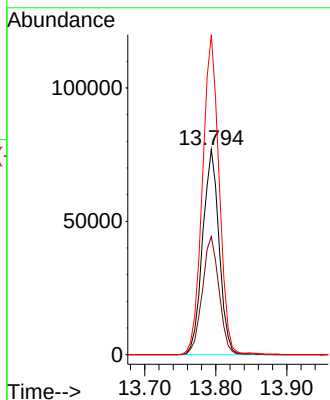
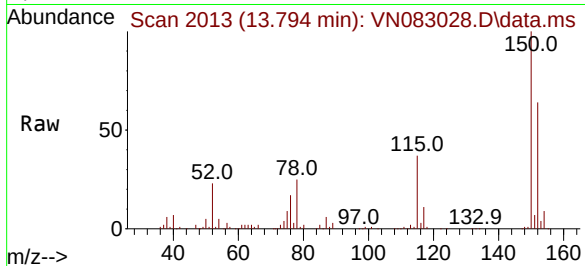




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. -0.000 min
Lab File: VN083028.D
Acq: 24 Jul 2024 14:53

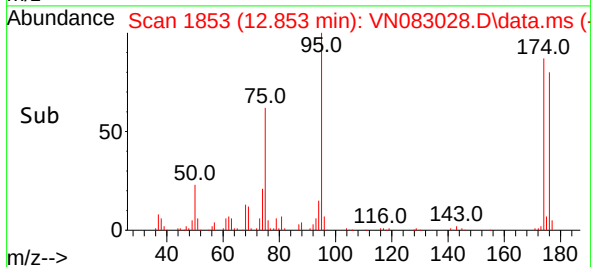
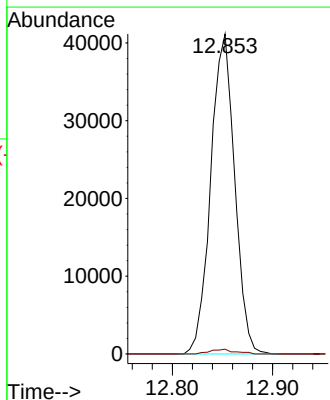
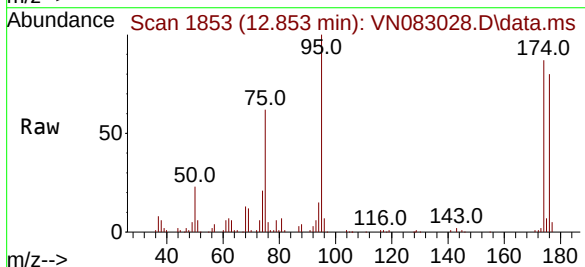
Instrument :
MSVOA_N
ClientSampleId :
VPB196-HYD-20240718

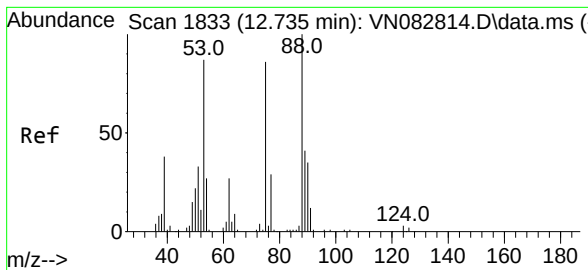
Tgt Ion:152 Resp: 124529
Ion Ratio Lower Upper
152 100
115 58.4 30.6 91.6
150 156.7 0.0 348.6



#76
1,2,3-Trichloropropane
Concen: 31.752 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.141 min
Lab File: VN083028.D
Acq: 24 Jul 2024 14:53

Tgt Ion: 75 Resp: 68171
Ion Ratio Lower Upper
75 100
77 1.6 110.9 332.6#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 62.448 ug/l
 RT: 12.853 min Scan# 11
 Delta R.T. 0.112 min
 Lab File: VN083028.D
 Acq: 24 Jul 2024 14:53

Instrument :
 MSVOA_N
 ClientSampleId :
 VPB196-HYD-20240718

Tgt Ion: 75 Resp: 68171
 Ion Ratio Lower Upper
 75 100
 53 0.1 88.4 132.6#
 89 0.0 36.3 54.5#

