

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071924\
 Data File : VN082992.D
 Acq On : 19 Jul 2024 16:35
 Operator : JC\MD
 Sample : P3307-02RE
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VPB189-HYD-20240717

Quant Time: Jul 22 02:07:26 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)

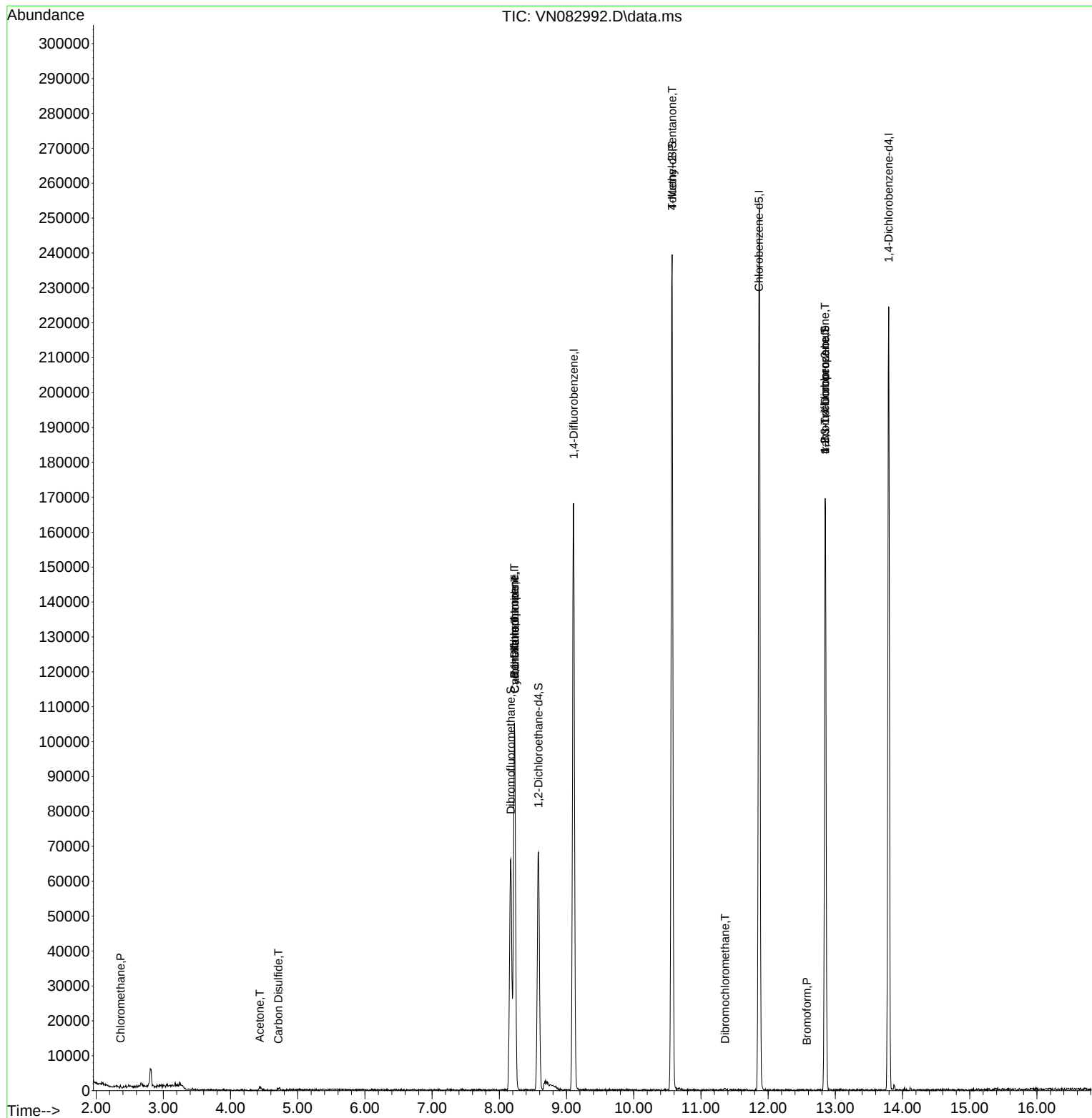
Internal Standards						
1) Pentafluorobenzene	8.224	168	73464	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	143735	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	142172	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	57444	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	57162	55.507	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 111.020%			
35) Dibromofluoromethane	8.171	113	46950	50.905	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 101.800%			
50) Toluene-d8	10.571	98	162112	47.589	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 95.180%			
62) 4-Bromofluorobenzene	12.847	95	53205	43.480	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery = 86.960%			
Target Compounds						
					Qvalue	
3) Chloromethane	2.365	50	294	0.326	ug/l #	43
16) Acetone	4.436	43	1889	5.210	ug/l	92
17) Carbon Disulfide	4.712	76	709	0.316	ug/l #	75
31) Cyclohexane	8.230	56	1920	1.426	ug/l #	25
36) 1,1-Dichloropropene	8.224	75	6435	5.060	ug/l #	54
38) Carbon Tetrachloride	8.230	117	7960	5.199	ug/l #	17
43) Isopropyl Acetate	8.700	43	2899	Below Cal	#	60
51) 4-Methyl-2-Pentanone	10.571	43	745	0.580	ug/l #	1
60) Dibromochloromethane	11.359	129	562	0.491	ug/l	87
71) Bromoform	12.576	173	215	0.252	ug/l #	29
76) 1,2,3-Trichloropropane	12.847	75	31091	31.393	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	31091	61.742	ug/l #	6

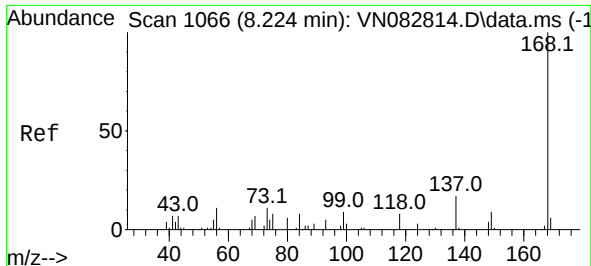
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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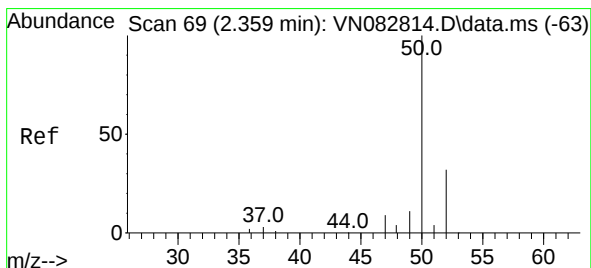
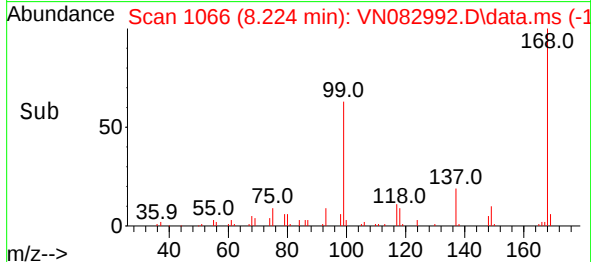
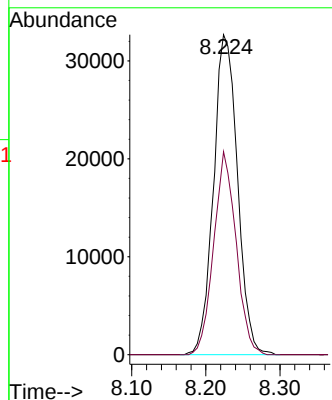
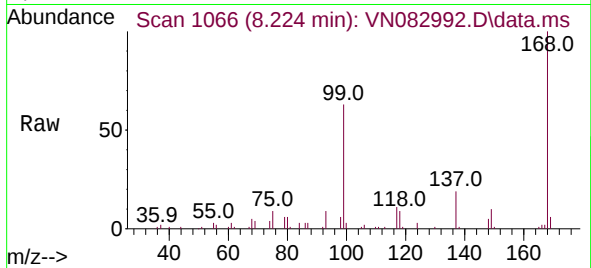




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1
Delta R.T. -0.005 min
Lab File: VN082992.D
Acq: 19 Jul 2024 16:35

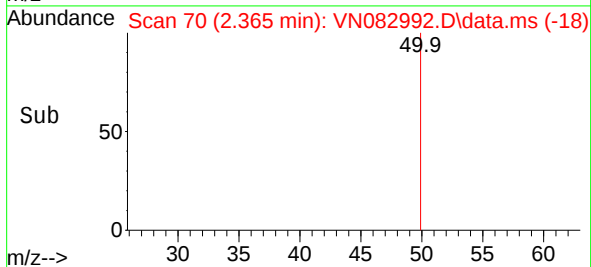
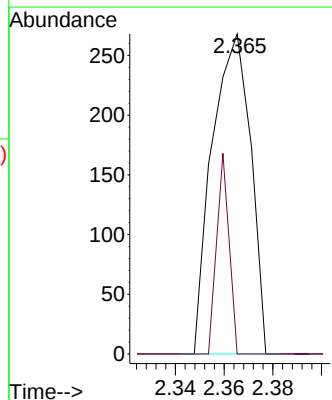
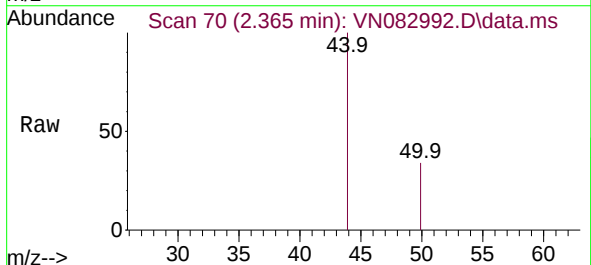
Instrument :
MSVOA_N
ClientSampleId :
VPB189-HYD-20240717

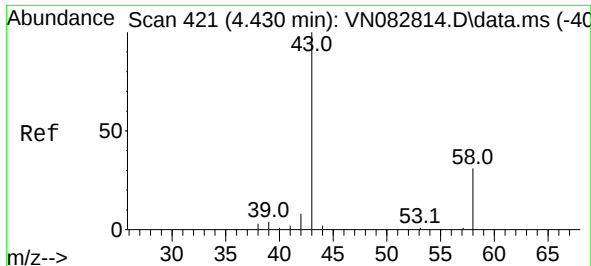
Tgt Ion:168 Resp: 73464
Ion Ratio Lower Upper
168 100
99 63.5 48.2 72.4



#3
Chloromethane
Concen: 0.326 ug/l
RT: 2.365 min Scan# 70
Delta R.T. 0.006 min
Lab File: VN082992.D
Acq: 19 Jul 2024 16:35

Tgt Ion: 50 Resp: 294
Ion Ratio Lower Upper
50 100
52 0.0 25.0 37.4#

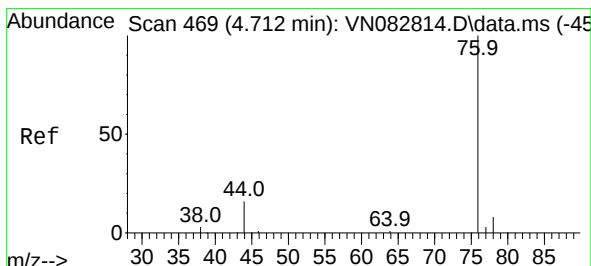
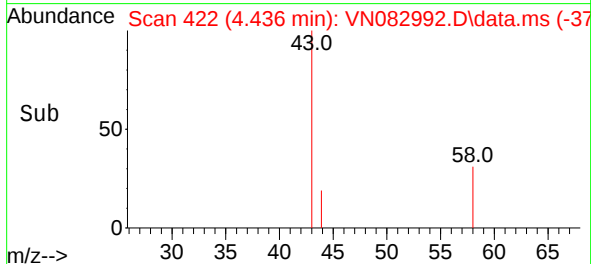
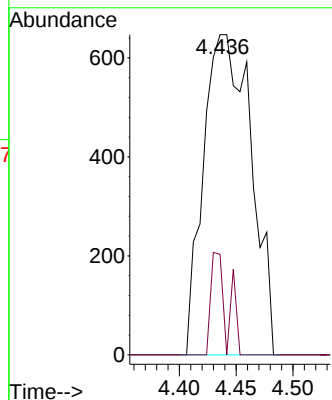
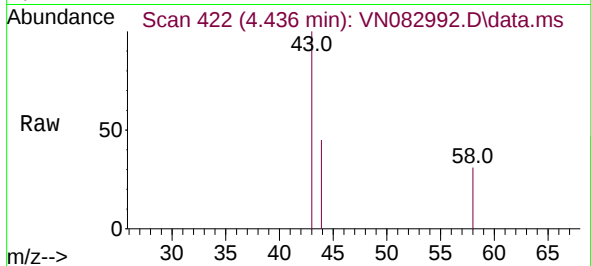




#16
Acetone
Concen: 5.210 ug/l
RT: 4.436 min Scan# 41
Delta R.T. 0.006 min
Lab File: VN082992.D
Acq: 19 Jul 2024 16:35

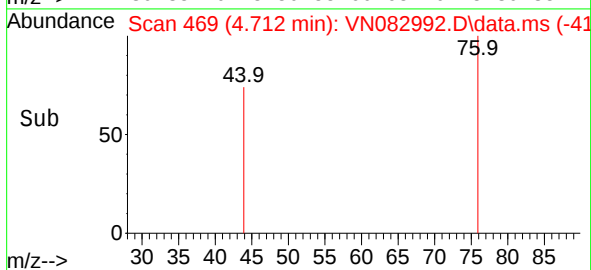
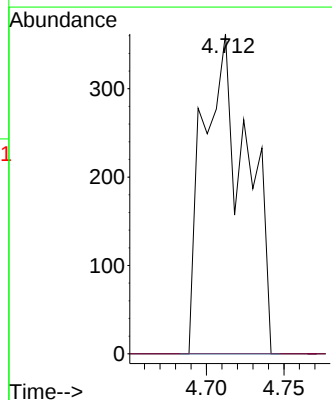
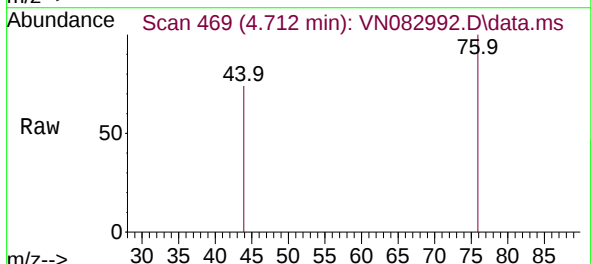
Instrument :
MSVOA_N
ClientSampleId :
VPB189-HYD-20240717

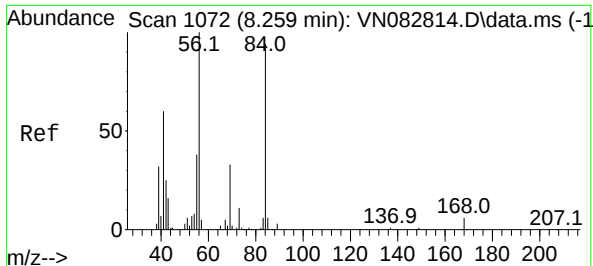
Tgt Ion: 43 Resp: 1889
Ion Ratio Lower Upper
43 100
58 31.4 21.8 32.6



#17
Carbon Disulfide
Concen: 0.316 ug/l
RT: 4.712 min Scan# 469
Delta R.T. 0.000 min
Lab File: VN082992.D
Acq: 19 Jul 2024 16:35

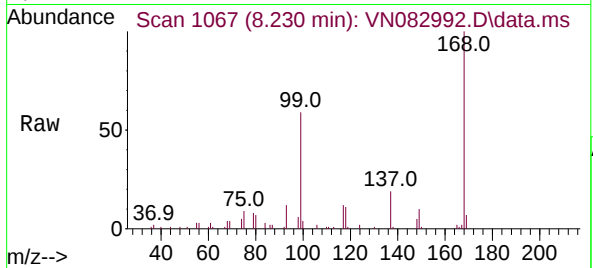
Tgt Ion: 76 Resp: 709
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#





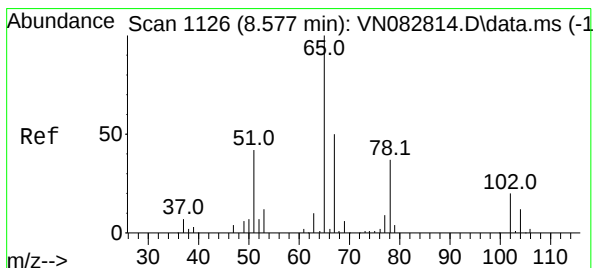
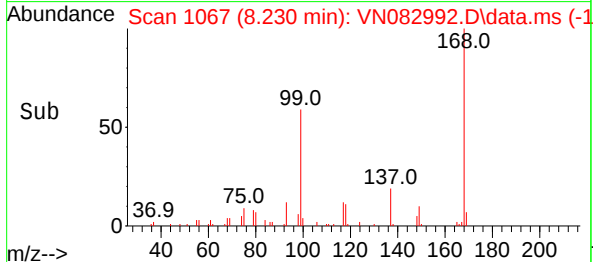
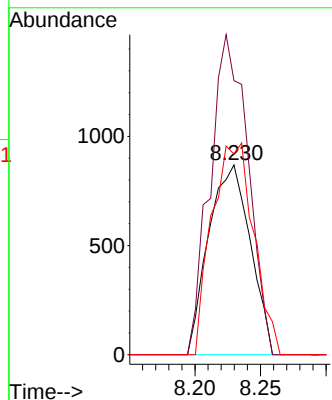
#31
Cyclohexane
Concen: 1.426 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.029 min
Lab File: VN082992.D
Acq: 19 Jul 2024 16:35

Instrument : MSVOA_N
ClientSampleId : VPB189-HYD-20240717



Tgt Ion: 56 Resp: 1920

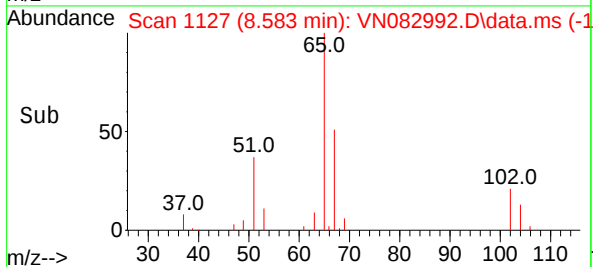
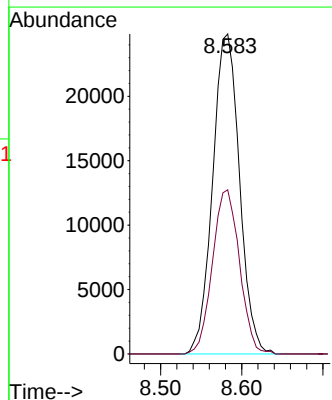
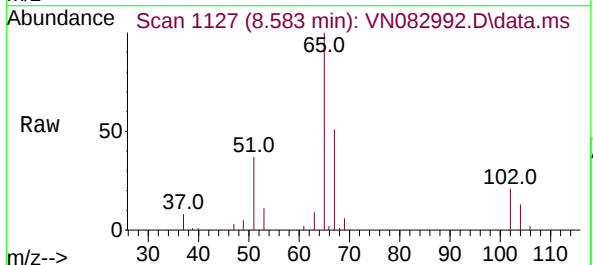
Ion	Ratio	Lower	Upper
56	100		
69	144.5	24.5	36.7#
84	105.8	66.0	99.0#

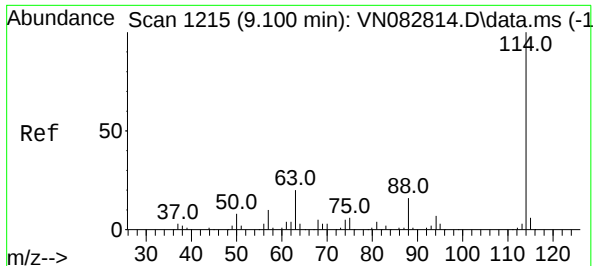


#33
1,2-Dichloroethane-d4
Concen: 55.507 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. 0.001 min
Lab File: VN082992.D
Acq: 19 Jul 2024 16:35

Tgt Ion: 65 Resp: 57162

Ion	Ratio	Lower	Upper
65	100		
67	51.6	0.0	104.4

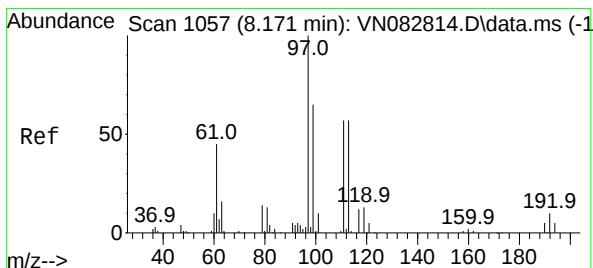
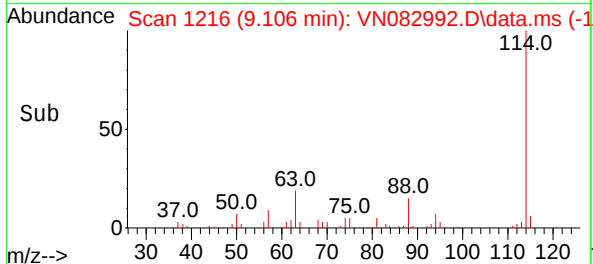
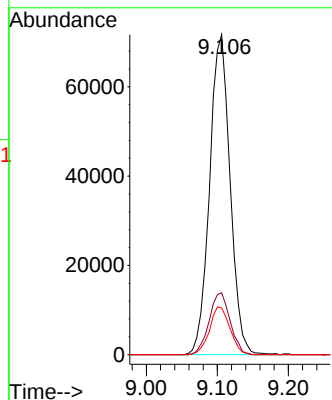
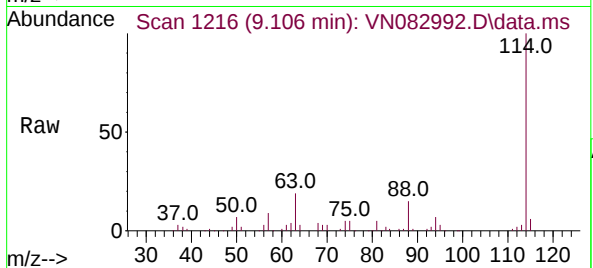




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN082992.D
Acq: 19 Jul 2024 16:35

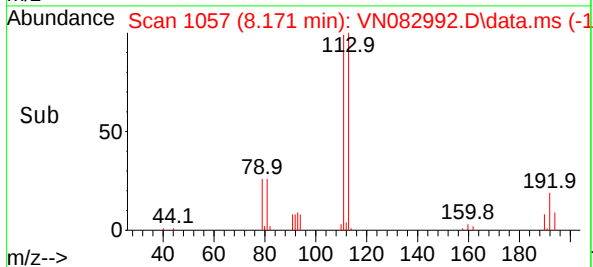
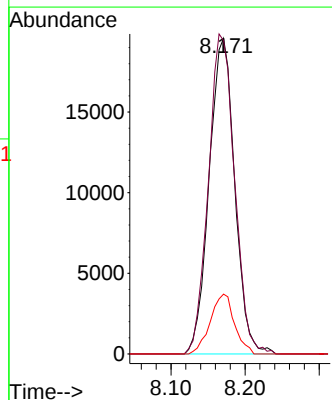
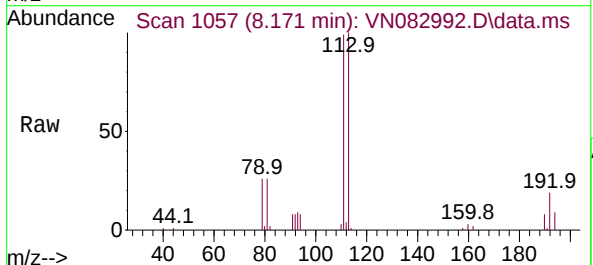
Instrument :
MSVOA_N
ClientSampleId :
VPB189-HYD-20240717

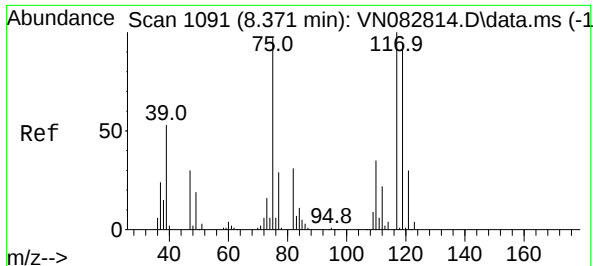
Tgt Ion:114 Resp: 143735
Ion Ratio Lower Upper
114 100
63 19.4 0.0 44.6
88 14.6 0.0 31.4



#35
Dibromofluoromethane
Concen: 50.905 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.006 min
Lab File: VN082992.D
Acq: 19 Jul 2024 16:35

Tgt Ion:113 Resp: 46950
Ion Ratio Lower Upper
113 100
111 103.5 82.4 123.6
192 17.9 14.9 22.3





#36

1,1-Dichloropropene

Concen: 5.060 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.147 min

Lab File: VN082992.D

Acq: 19 Jul 2024 16:35

Instrument :

MSVOA_N

ClientSampleId :

VPB189-HYD-20240717

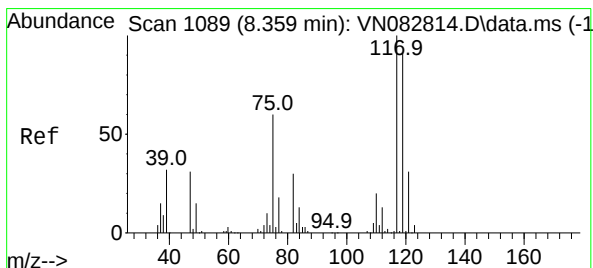
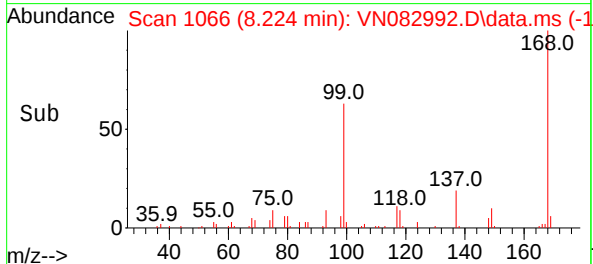
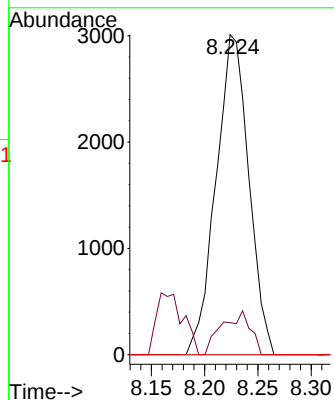
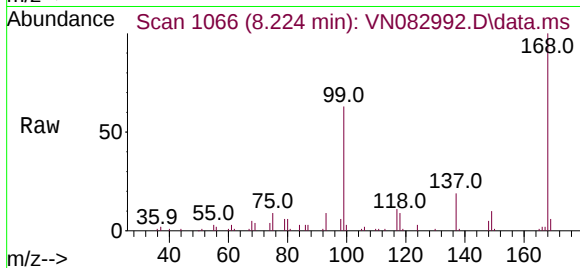
Tgt Ion: 75 Resp: 6435

Ion Ratio Lower Upper

75 100

110 11.9 16.3 48.9#

77 0.0 24.6 37.0#



#38

Carbon Tetrachloride

Concen: 5.199 ug/l

RT: 8.230 min Scan# 1067

Delta R.T. -0.135 min

Lab File: VN082992.D

Acq: 19 Jul 2024 16:35

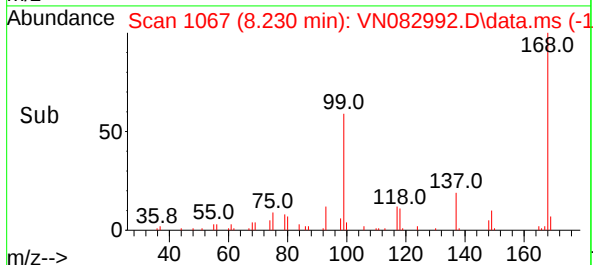
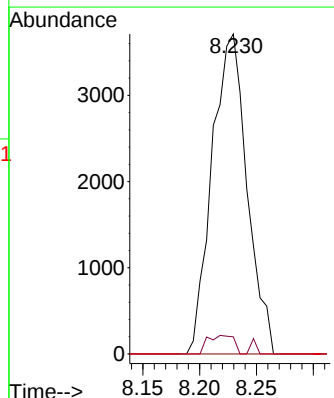
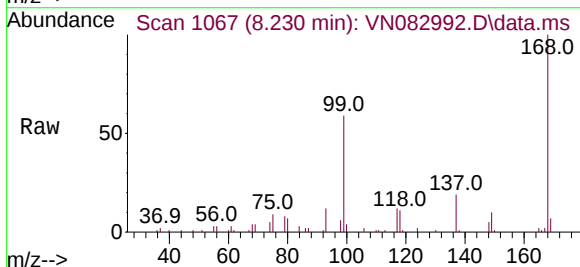
Tgt Ion: 117 Resp: 7960

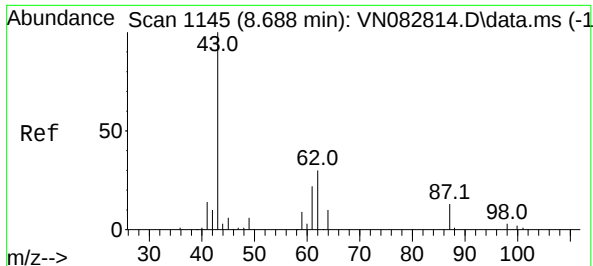
Ion Ratio Lower Upper

117 100

119 5.4 74.9 112.3#

121 0.0 24.3 36.5#





#43

Isopropyl Acetate

Concen: Below Cal

RT: 8.700 min Scan# 1145

Delta R.T. 0.006 min

Lab File: VN082992.D

Acq: 19 Jul 2024 16:35

Instrument :

MSVOA_N

ClientSampleId :

VPB189-HYD-20240717

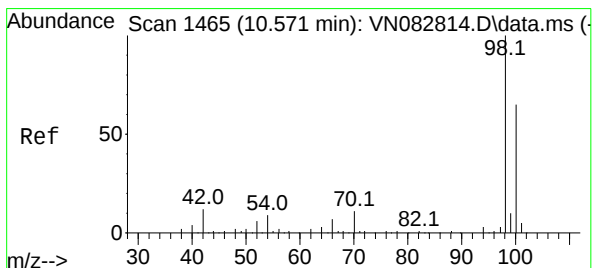
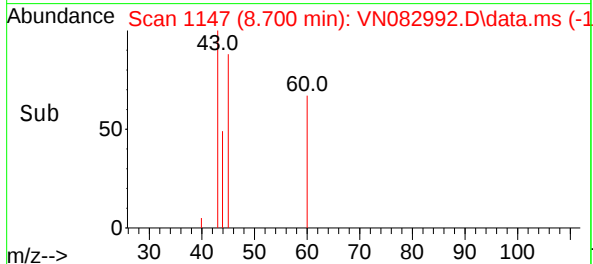
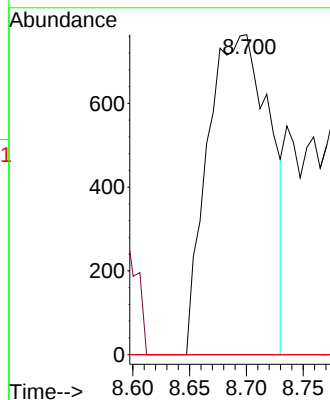
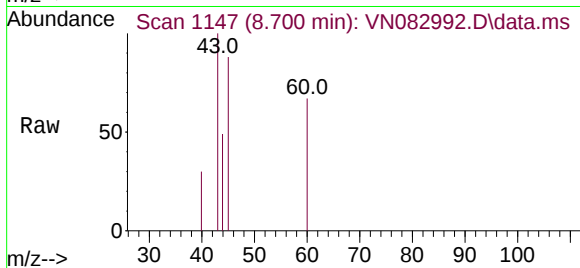
Tgt Ion: 43 Resp: 2899

Ion Ratio Lower Upper

43 100

61 0.0 17.8 26.6#

87 0.0 8.2 12.2#



#50

Toluene-d8

Concen: 47.589 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. 0.001 min

Lab File: VN082992.D

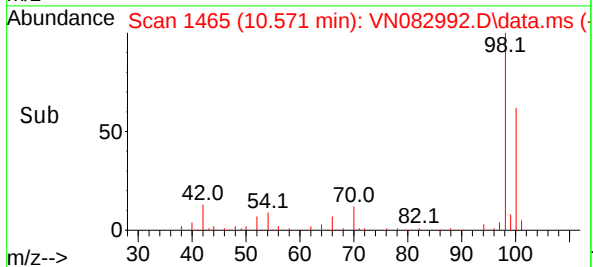
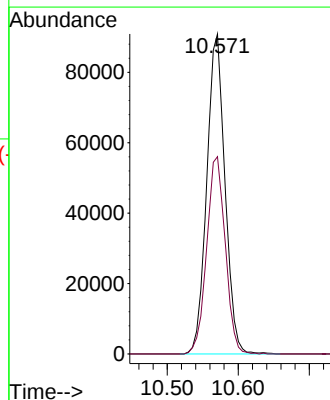
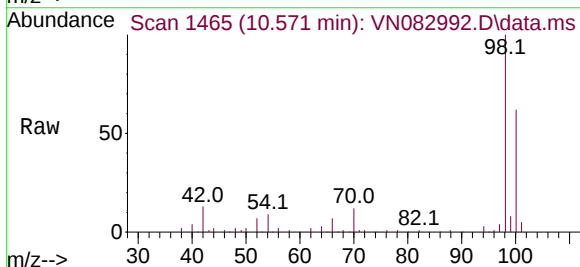
Acq: 19 Jul 2024 16:35

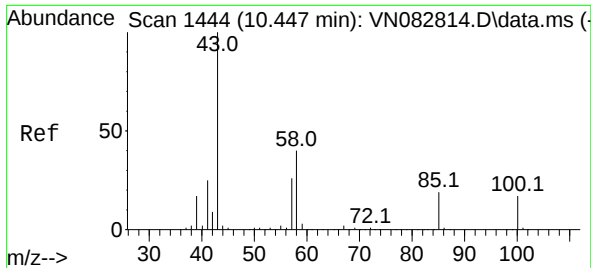
Tgt Ion: 98 Resp: 162112

Ion Ratio Lower Upper

98 100

100 62.9 51.5 77.3

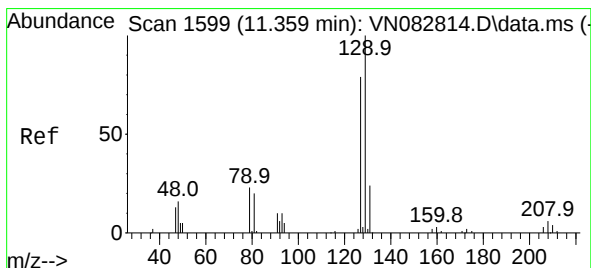
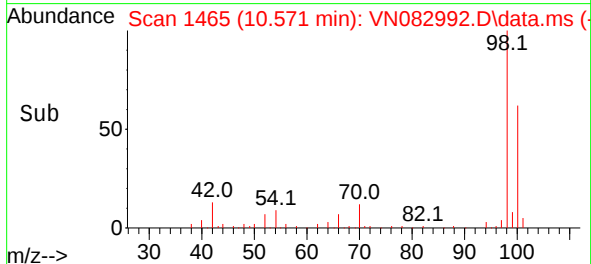
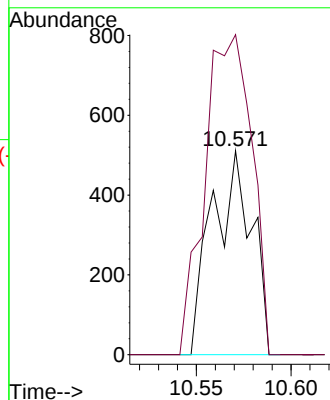
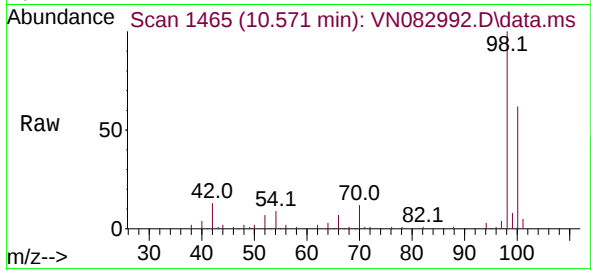




#51
4-Methyl-2-Pentanone
Concen: 0.580 ug/l
RT: 10.571 min Scan# 1444
Delta R.T. 0.124 min
Lab File: VN082992.D
Acq: 19 Jul 2024 16:35

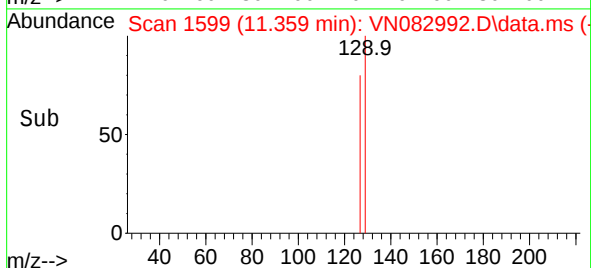
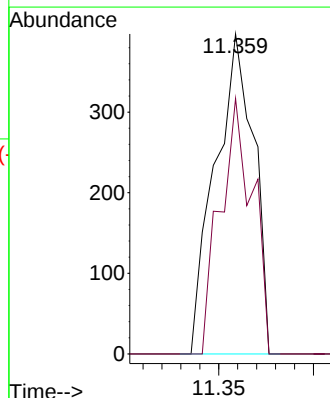
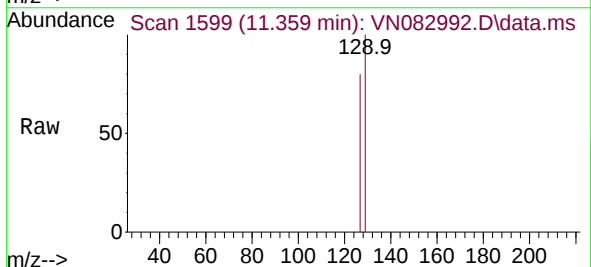
Instrument :
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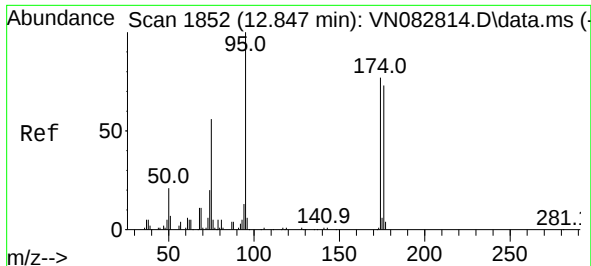
Tgt Ion: 43 Resp: 745
Ion Ratio Lower Upper
43 100
58 185.8 28.2 42.4#



#60
Dibromochloromethane
Concen: 0.491 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. -0.000 min
Lab File: VN082992.D
Acq: 19 Jul 2024 16:35

Tgt Ion: 129 Resp: 562
Ion Ratio Lower Upper
129 100
127 67.3 39.2 117.6





#62

4-Bromofluorobenzene

Concen: 43.480 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. 0.000 min

Lab File: VN082992.D

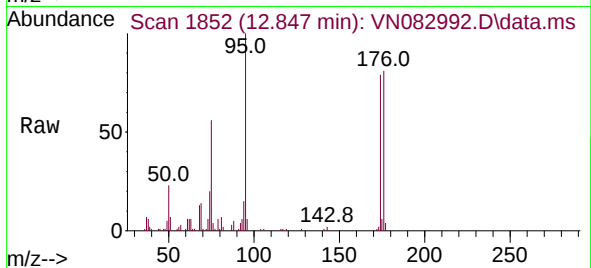
Acq: 19 Jul 2024 16:35

Instrument :

MSVOA_N

ClientSampleId :

VPB189-HYD-20240717



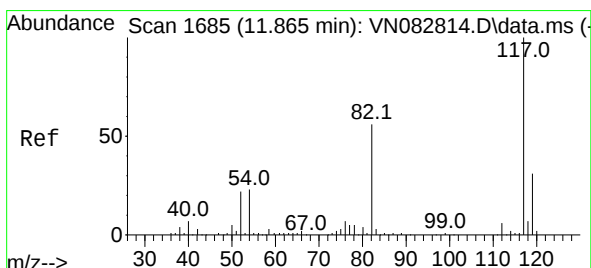
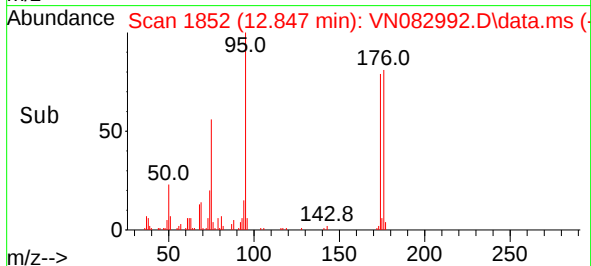
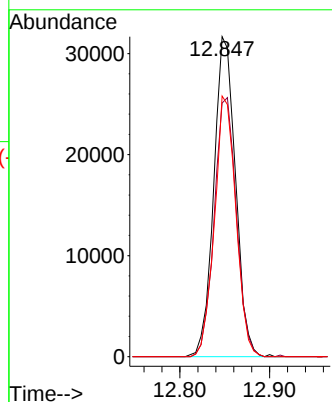
Tgt Ion: 95 Resp: 53205

Ion Ratio Lower Upper

95 100

174 82.5 0.0 159.2

176 80.3 0.0 147.6



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.865 min Scan# 1685

Delta R.T. -0.005 min

Lab File: VN082992.D

Acq: 19 Jul 2024 16:35

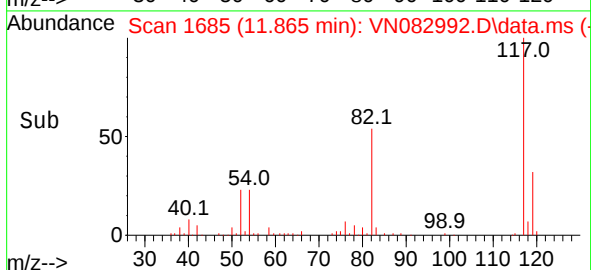
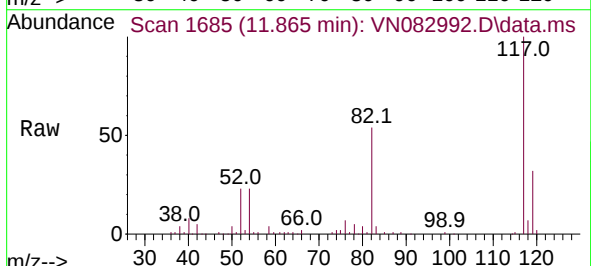
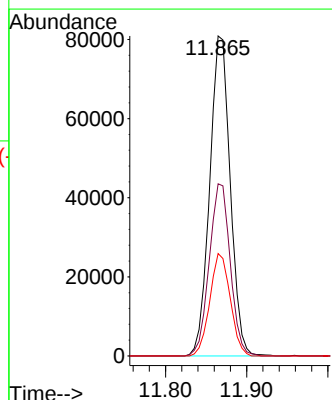
Tgt Ion: 117 Resp: 142172

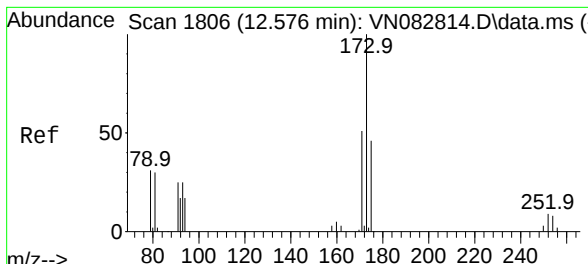
Ion Ratio Lower Upper

117 100

82 53.8 47.5 71.3

119 32.0 25.6 38.4

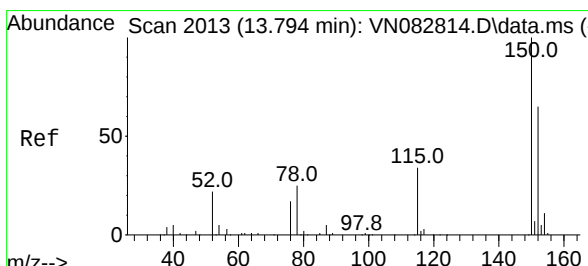
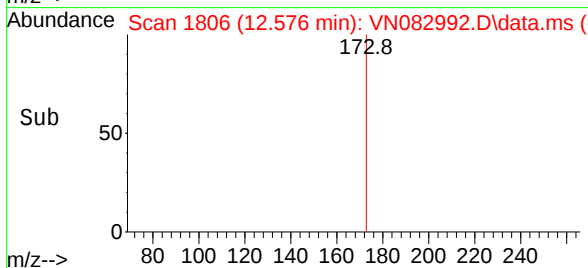
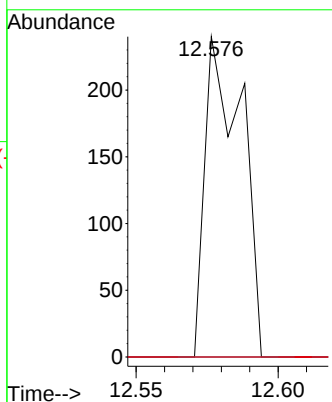
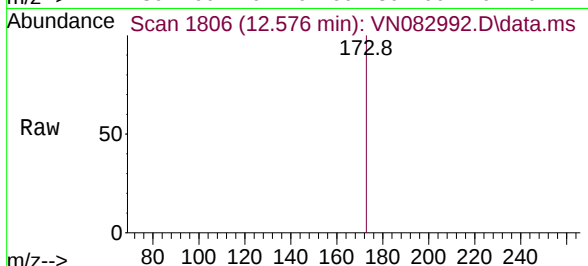




#71
 Bromoform
 Concen: 0.252 ug/l
 RT: 12.576 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: VN082992.D
 Acq: 19 Jul 2024 16:35

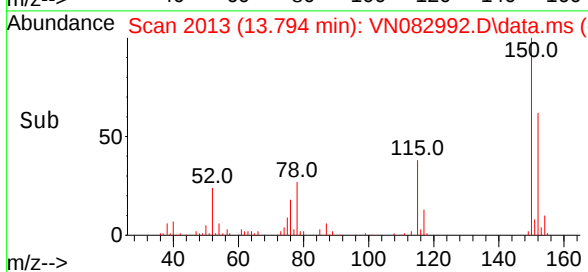
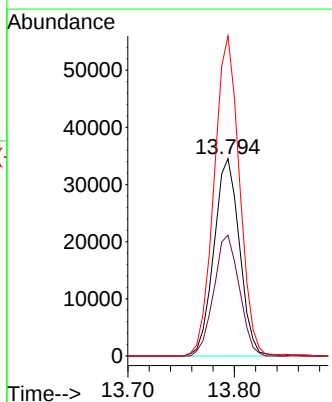
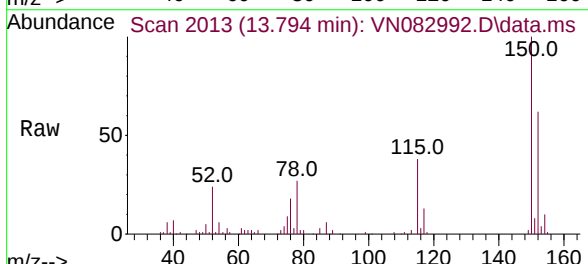
Instrument : MSVOA_N
 ClientSampleId : VPB189-HYD-20240717

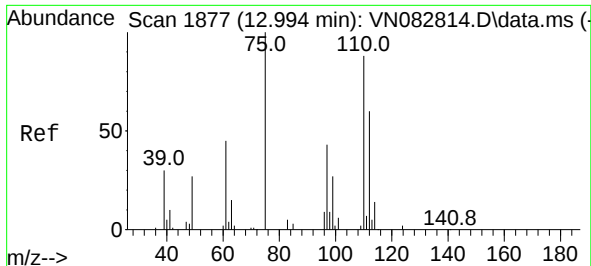
Tgt Ion:173	Resp:	215
Ion Ratio	Lower	Upper
173	100	
175	0.0	24.0 72.0#
254	0.0	0.0 0.0



#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 2013
 Delta R.T. 0.000 min
 Lab File: VN082992.D
 Acq: 19 Jul 2024 16:35

Tgt Ion:152	Resp:	57444
Ion Ratio	Lower	Upper
152	100	
115	61.0	30.6 91.6
150	161.5	0.0 348.6





#76

1,2,3-Trichloropropane

Concen: 31.393 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. -0.147 min

Lab File: VN082992.D

Acq: 19 Jul 2024 16:35

Instrument :

MSVOA_N

ClientSampleId :

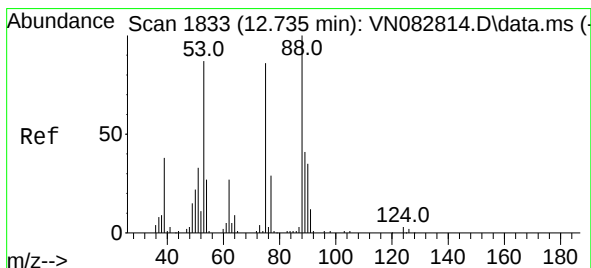
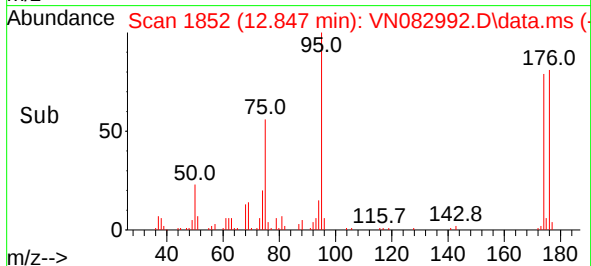
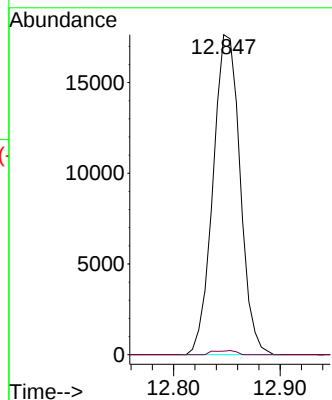
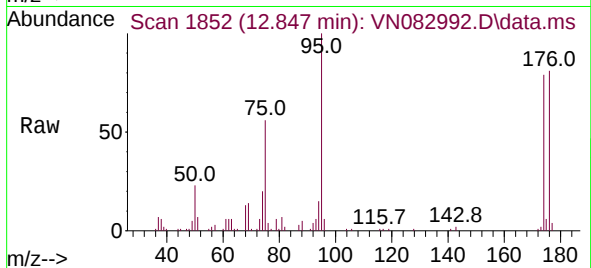
VPB189-HYD-20240717

Tgt Ion: 75 Resp: 31091

Ion Ratio Lower Upper

75 100

77 1.1 110.9 332.6#



#81

trans-1,4-Dichloro-2-butene

Concen: 61.742 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. 0.106 min

Lab File: VN082992.D

Acq: 19 Jul 2024 16:35

Tgt Ion: 75 Resp: 31091

Ion Ratio Lower Upper

75 100

53 0.0 88.4 132.6#

89 0.0 36.3 54.5#

