

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN110124\
 Data File : VN084638.D
 Acq On : 01 Nov 2024 15:06
 Operator : JC\MD
 Sample : P4665-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VPB190-HYD-20241030

Quant Time: Nov 04 04:28:24 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N103024W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 31 18:45:38 2024
 Response via : Initial Calibration

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

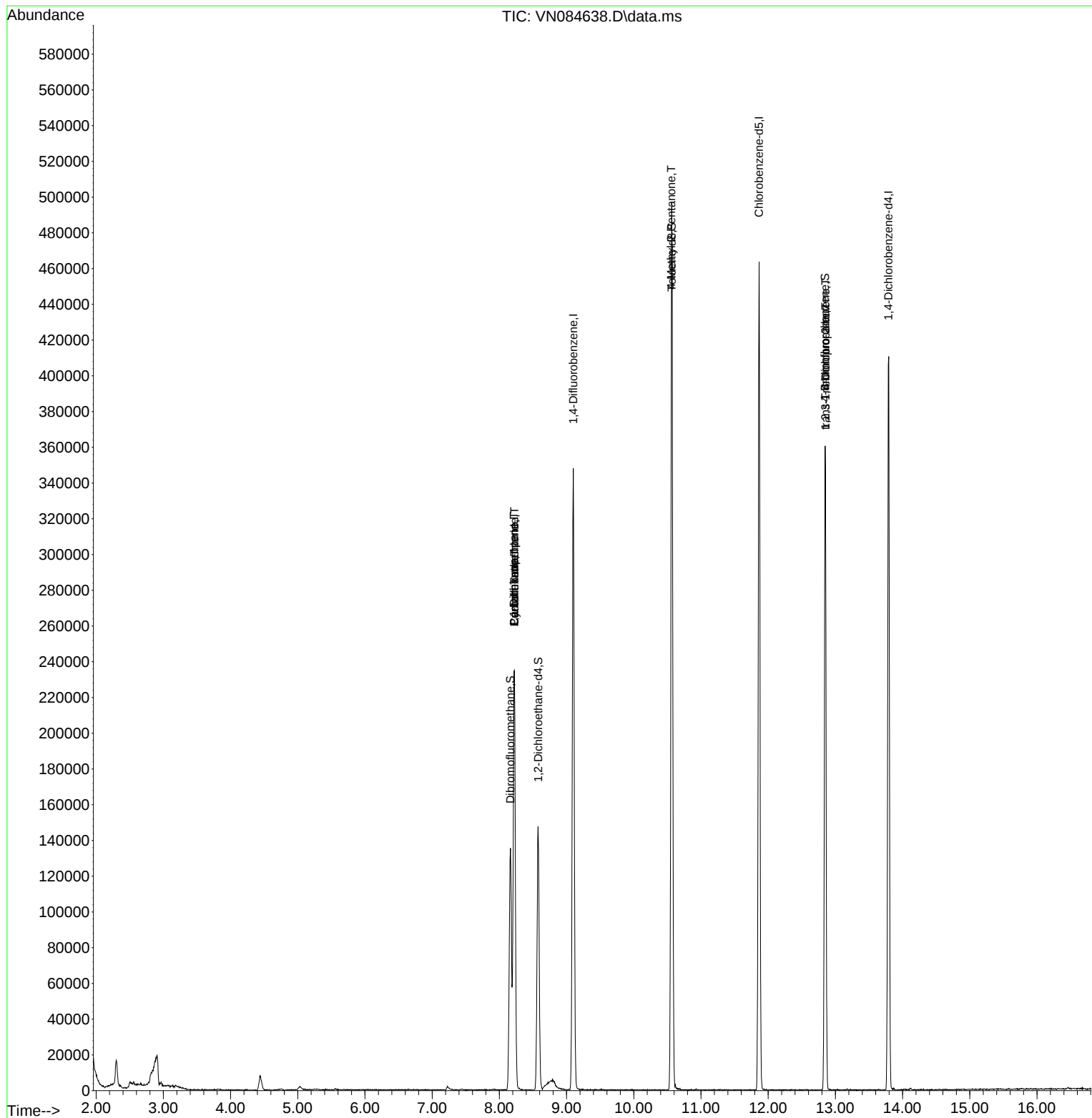
Internal Standards						
1) Pentafluorobenzene	8.224	168	170724	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	295624	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	261626	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	113670	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	122273	49.587	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	99.180%		
35) Dibromofluoromethane	8.165	113	101724	50.836	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	101.680%		
50) Toluene-d8	10.565	98	340502	46.194	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	92.380%		
62) 4-Bromofluorobenzene	12.847	95	129227	46.909	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	93.820%		
Target Compounds						
3) Chloromethane	2.365	50	1109	Below Cal	#	78
6) Chloroethane	3.124	64	257	Below Cal	#	45
16) Acetone	4.430	43	827	Below Cal	#	44
18) Methyl Acetate	5.030	43	3917	Below Cal		91
31) Cyclohexane	8.224	56	3836	1.127	ug/l #	20
36) 1,1-Dichloropropene	8.218	75	14018	5.051	ug/l #	49
38) Carbon Tetrachloride	8.224	117	18563	5.984	ug/l #	15
51) 4-Methyl-2-Pentanone	10.559	43	1597	0.665	ug/l #	1
76) 1,2,3-Trichloropropane	12.853	75	65776	28.948	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	65776	68.676	ug/l #	11
88) 1,4-Dichlorobenzene	13.817	146	133	Below Cal	#	24

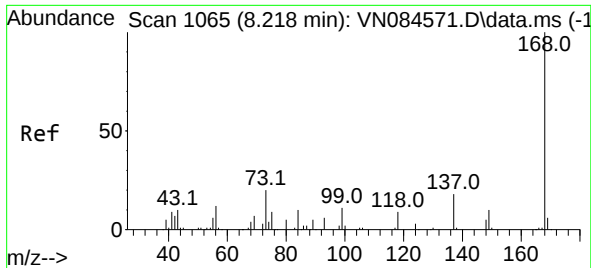
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN110124\
Data File : VN084638.D
Acq On : 01 Nov 2024 15:06
Operator : JC\MD
Sample : P4665-02
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VPB190-HYD-20241030

Quant Time: Nov 04 04:28:24 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N103024W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 31 18:45:38 2024
Response via : Initial Calibration

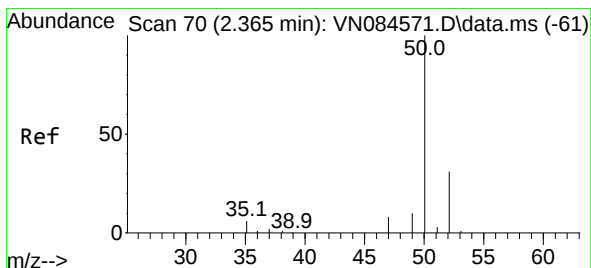
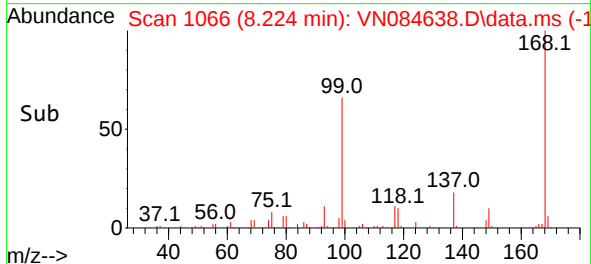
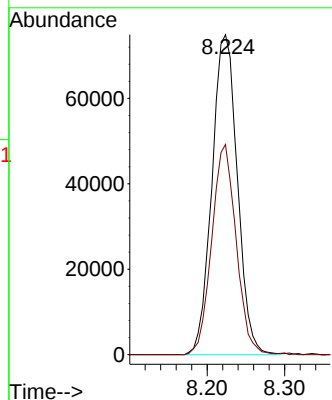
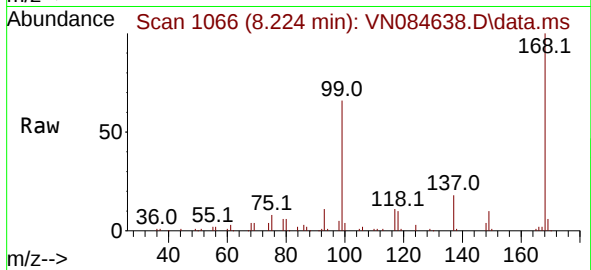




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN084638.D
Acq: 01 Nov 2024 15:06

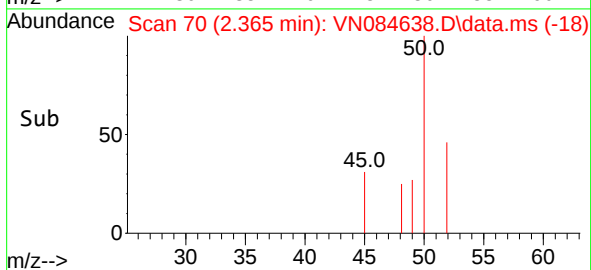
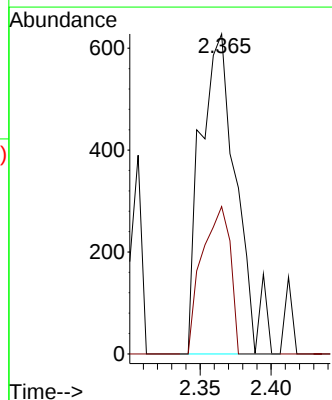
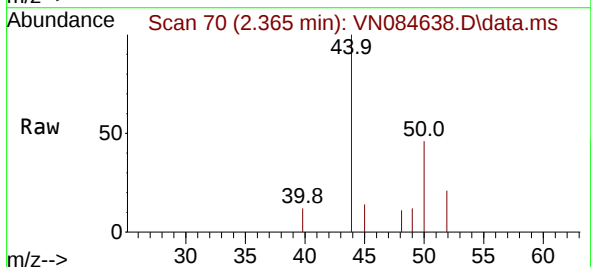
Instrument :
MSVOA_N
ClientSampleId :
VPB190-HYD-20241030

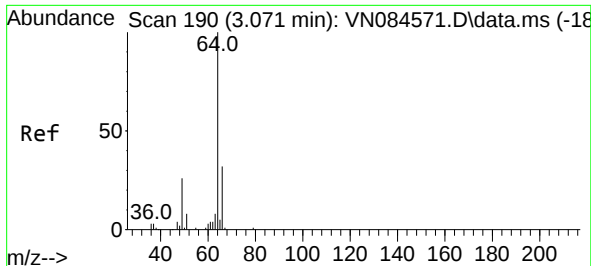
Tgt Ion:168 Resp: 170724
Ion Ratio Lower Upper
168 100
99 65.7 54.2 81.2



#3
Chloromethane
Concen: Below Cal
RT: 2.365 min Scan# 70
Delta R.T. 0.006 min
Lab File: VN084638.D
Acq: 01 Nov 2024 15:06

Tgt Ion: 50 Resp: 1109
Ion Ratio Lower Upper
50 100
52 46.0 26.8 40.2#

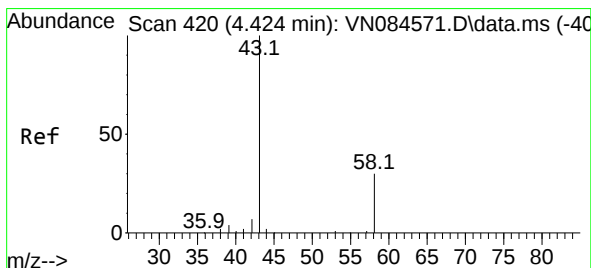
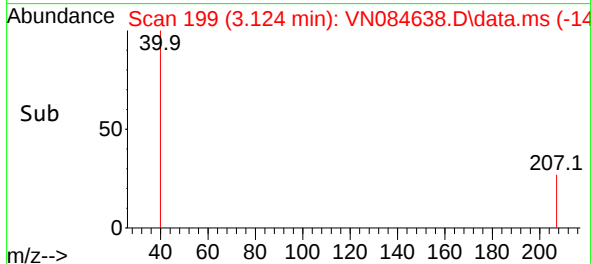
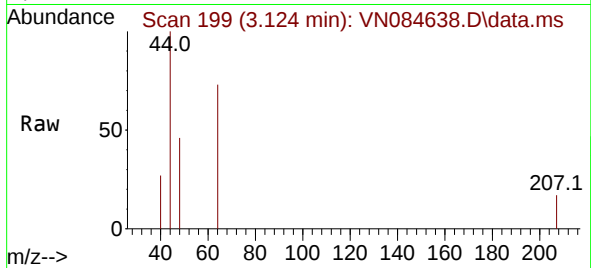




#6
Chloroethane
Concen: Below Cal
RT: 3.124 min Scan# 190
Delta R.T. 0.006 min
Lab File: VN084638.D
Acq: 01 Nov 2024 15:06

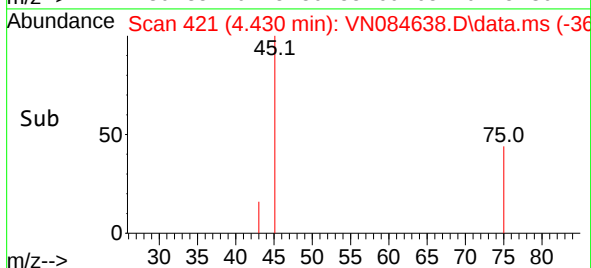
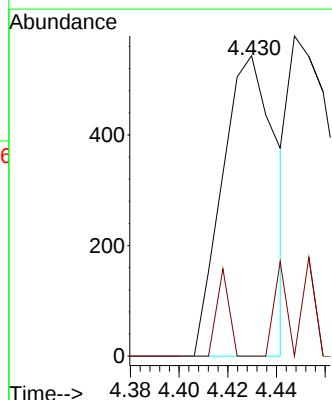
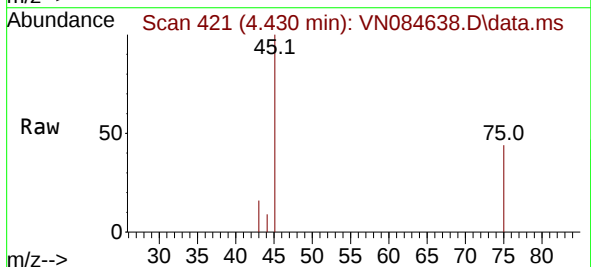
Instrument :
MSVOA_N
ClientSampleId :
VPB190-HYD-20241030

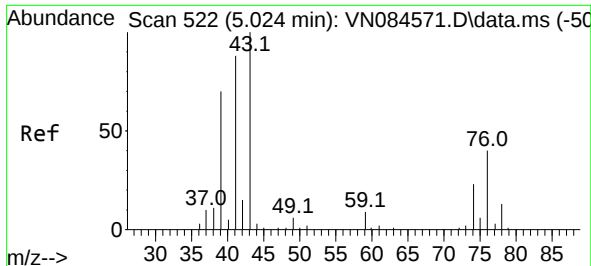
Tgt Ion: 64 Resp: 257
Ion Ratio Lower Upper
64 100
66 0.0 23.5 35.3#



#16
Acetone
Concen: Below Cal
RT: 4.430 min Scan# 421
Delta R.T. 0.006 min
Lab File: VN084638.D
Acq: 01 Nov 2024 15:06

Tgt Ion: 43 Resp: 827
Ion Ratio Lower Upper
43 100
58 0.0 24.4 36.6#

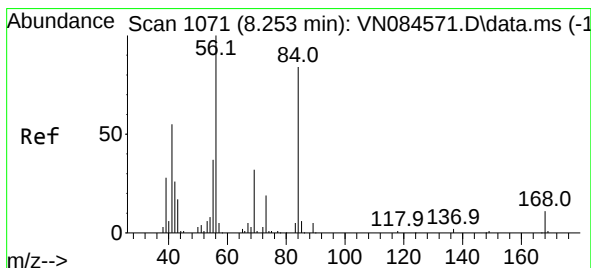
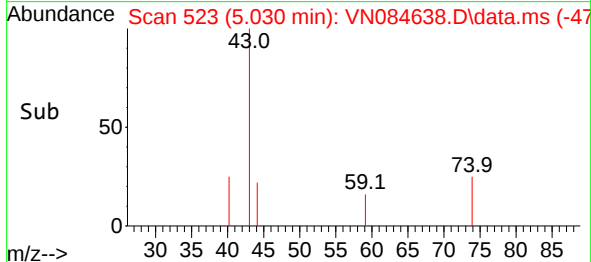
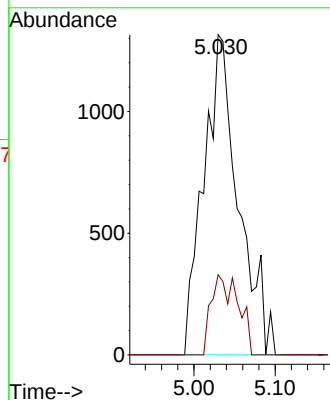
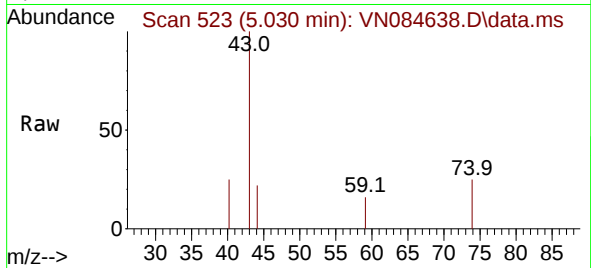




#18
Methyl Acetate
Concen: Below Cal
RT: 5.030 min Scan# 51
Delta R.T. 0.012 min
Lab File: VN084638.D
Acq: 01 Nov 2024 15:06

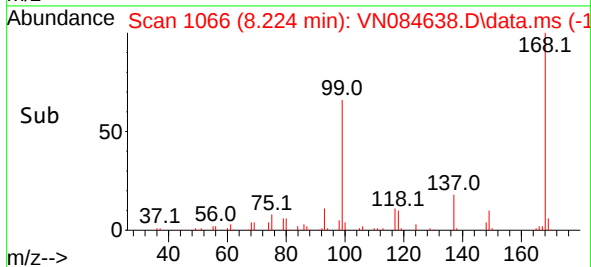
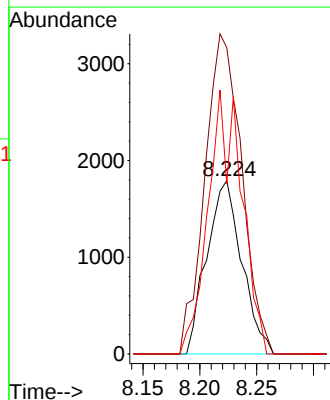
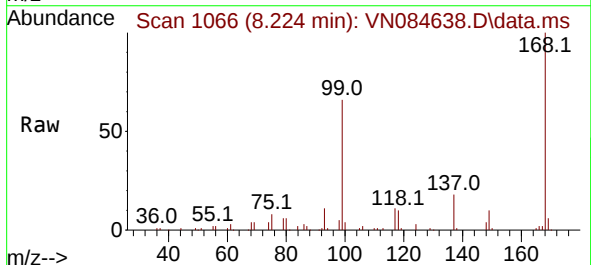
Instrument :
MSVOA_N
ClientSampleId :
VPB190-HYD-20241030

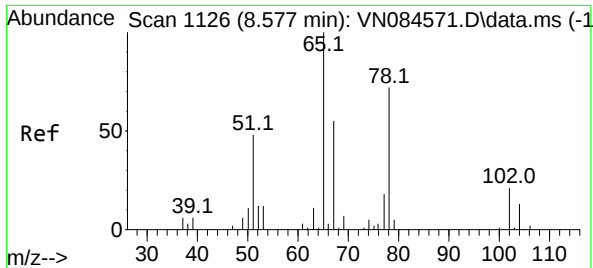
Tgt Ion: 43 Resp: 3917
Ion Ratio Lower Upper
43 100
74 19.4 19.2 28.8



#31
Cyclohexane
Concen: 1.127 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.029 min
Lab File: VN084638.D
Acq: 01 Nov 2024 15:06

Tgt Ion: 56 Resp: 3836
Ion Ratio Lower Upper
56 100
69 176.7 23.8 35.6#
84 97.9 68.8 103.2

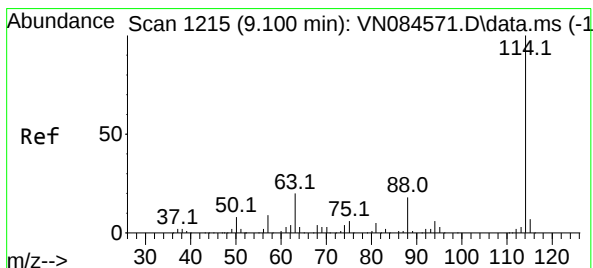
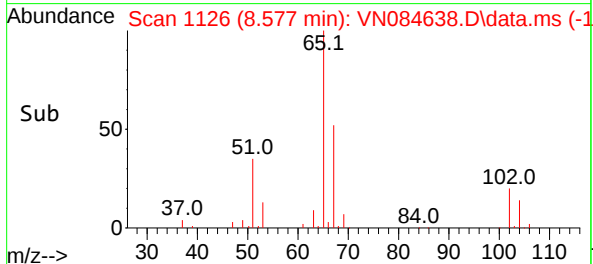
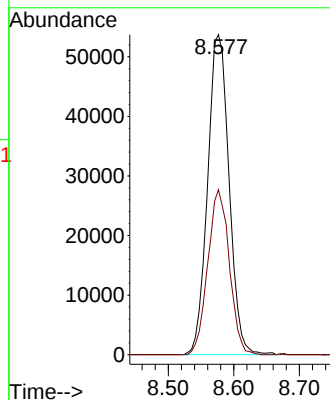
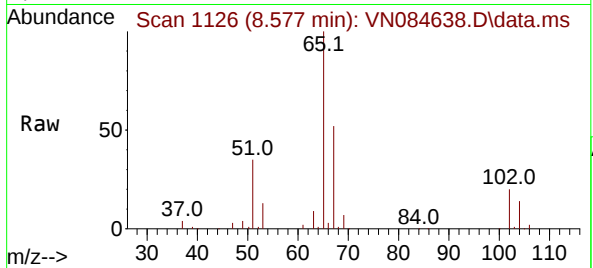




#33
 1,2-Dichloroethane-d4
 Concen: 49.587 ug/l
 RT: 8.577 min Scan# 1126
 Delta R.T. -0.000 min
 Lab File: VN084638.D
 Acq: 01 Nov 2024 15:06

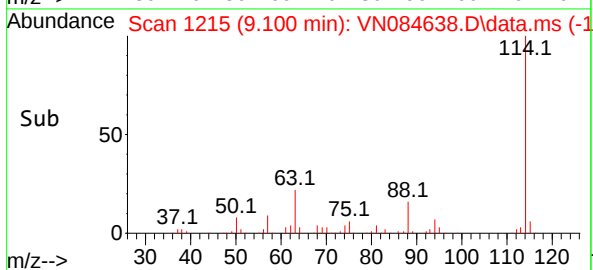
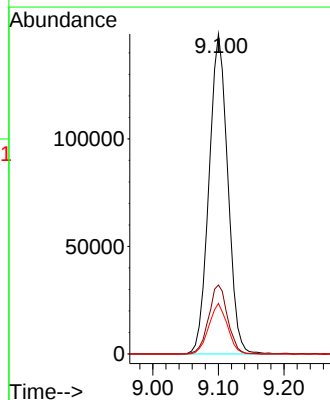
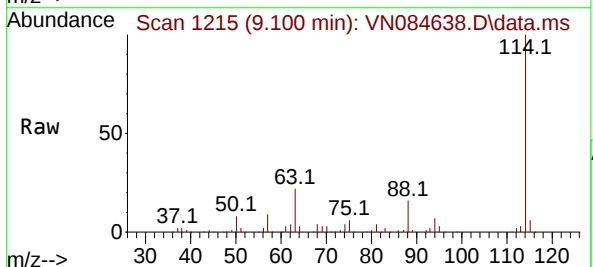
Instrument :
 MSVOA_N
 ClientSampleId :
 VPB190-HYD-20241030

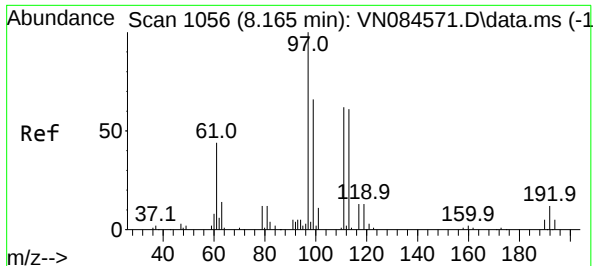
Tgt Ion: 65 Resp: 122273
 Ion Ratio Lower Upper
 65 100
 67 51.6 0.0 102.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.100 min Scan# 1215
 Delta R.T. 0.000 min
 Lab File: VN084638.D
 Acq: 01 Nov 2024 15:06

Tgt Ion: 114 Resp: 295624
 Ion Ratio Lower Upper
 114 100
 63 21.5 0.0 43.8
 88 15.8 0.0 31.6





#35

Dibromofluoromethane

Concen: 50.836 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VN084638.D

Acq: 01 Nov 2024 15:06

Instrument :

MSVOA_N

ClientSampleId :

VPB190-HYD-20241030

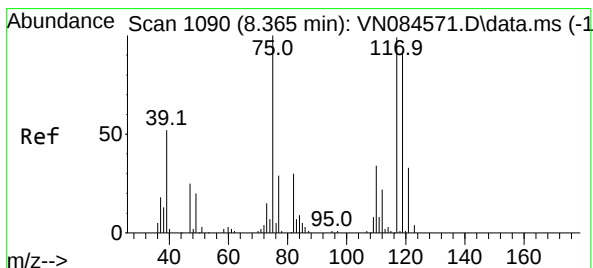
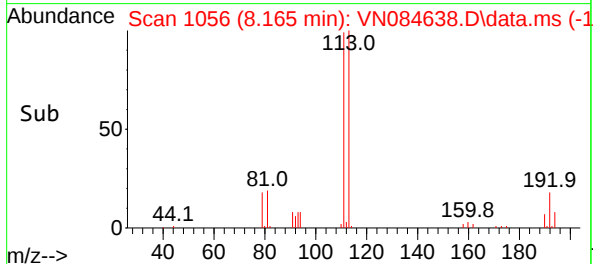
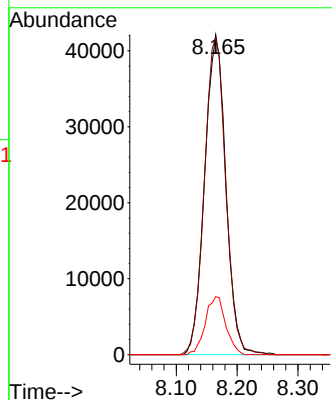
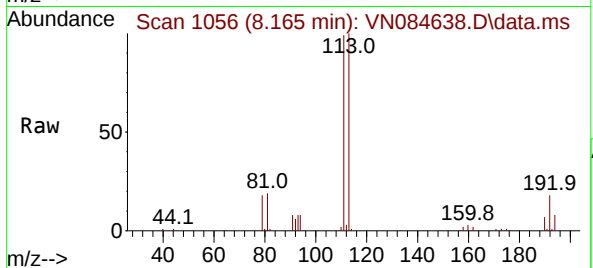
Tgt Ion:113 Resp: 101724

Ion Ratio Lower Upper

113 100

111 100.2 83.3 124.9

192 17.4 13.5 20.3



#36

1,1-Dichloropropene

Concen: 5.051 ug/l

RT: 8.218 min Scan# 1065

Delta R.T. -0.153 min

Lab File: VN084638.D

Acq: 01 Nov 2024 15:06

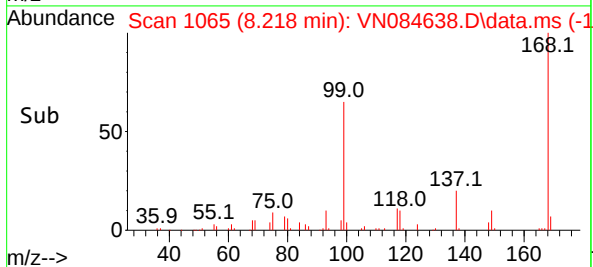
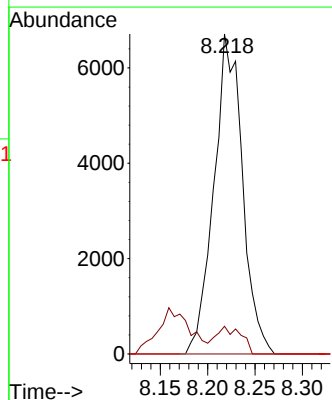
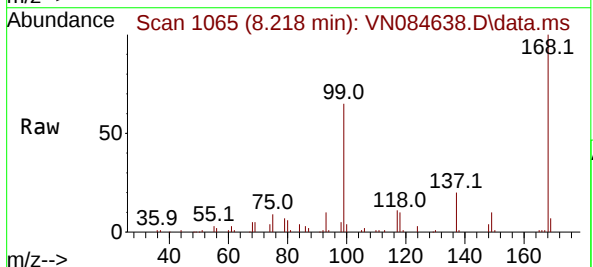
Tgt Ion: 75 Resp: 14018

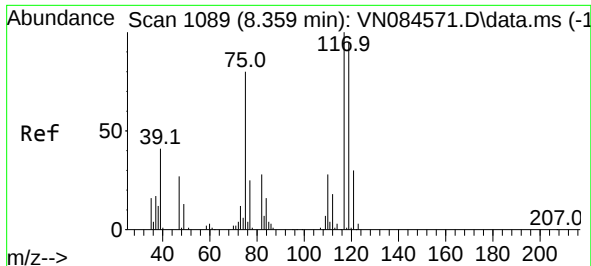
Ion Ratio Lower Upper

75 100

110 7.6 16.9 50.7#

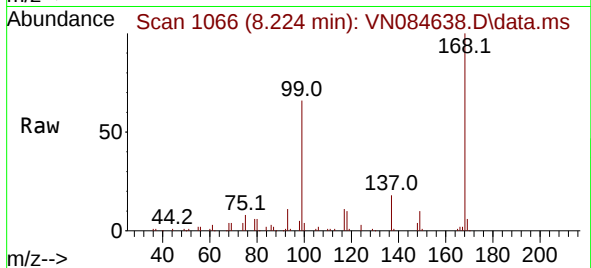
77 0.0 24.7 37.1#



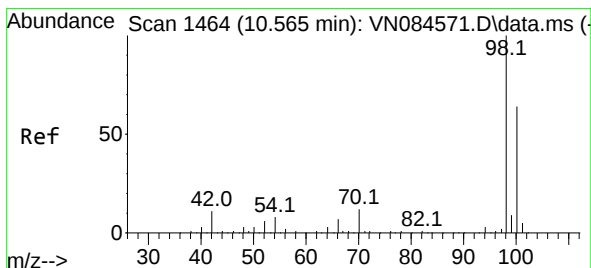
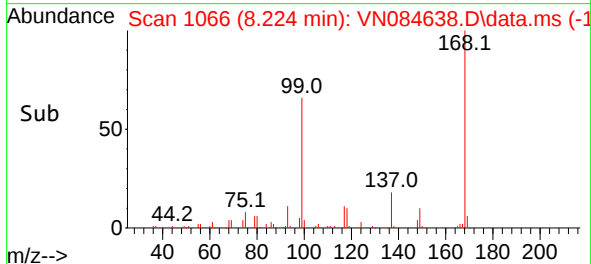
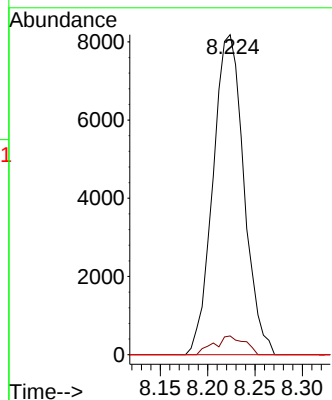


#38
Carbon Tetrachloride
Concen: 5.984 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.135 min
Lab File: VN084638.D
Acq: 01 Nov 2024 15:06

Instrument :
MSVOA_N
ClientSampleId :
VPB190-HYD-20241030

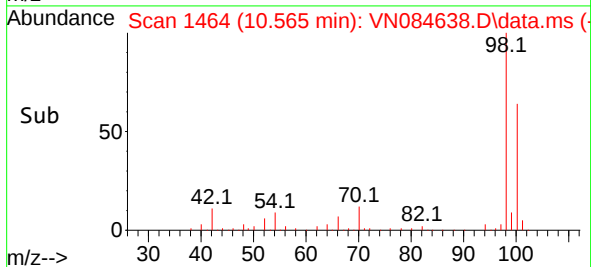
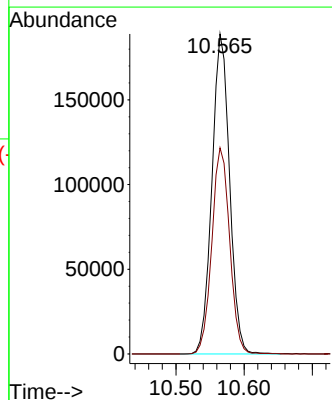
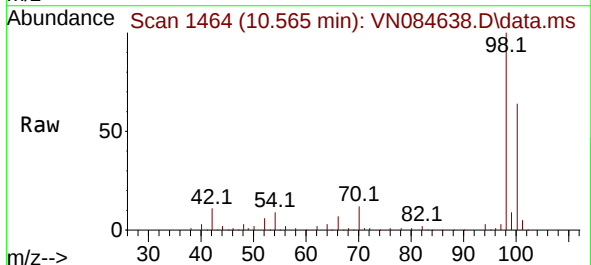


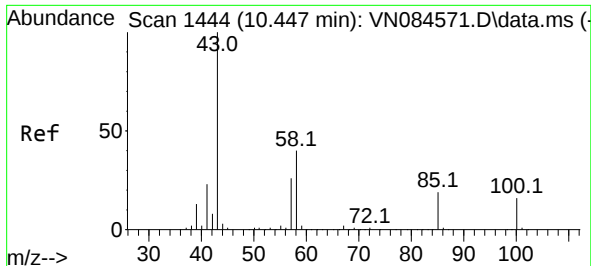
Tgt Ion:117 Resp: 18563
Ion Ratio Lower Upper
117 100
119 5.8 78.7 118.1#
121 0.0 24.4 36.6#



#50
Toluene-d8
Concen: 46.194 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN084638.D
Acq: 01 Nov 2024 15:06

Tgt Ion: 98 Resp: 340502
Ion Ratio Lower Upper
98 100
100 65.1 52.7 79.1





#51

4-Methyl-2-Pentanone

Concen: 0.665 ug/l

RT: 10.559 min Scan# 1444

Delta R.T. 0.118 min

Lab File: VN084638.D

Acq: 01 Nov 2024 15:06

Instrument :

MSVOA_N

ClientSampleId :

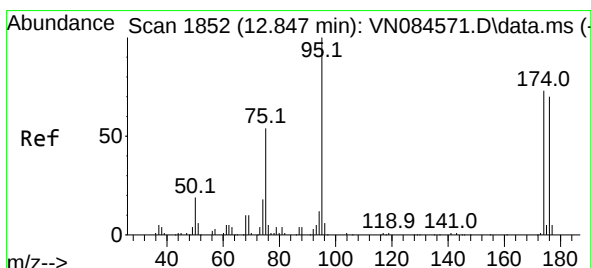
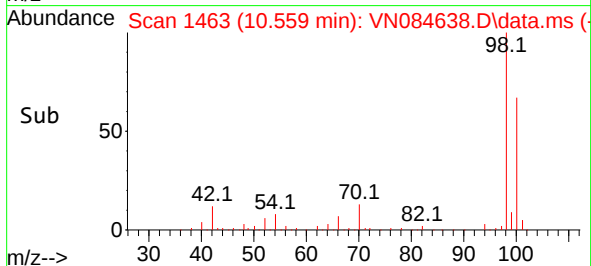
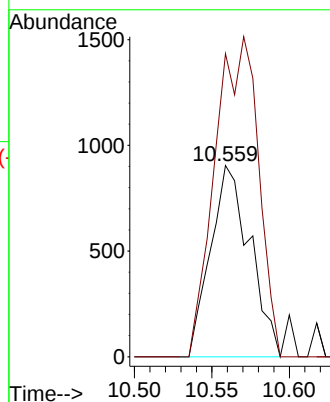
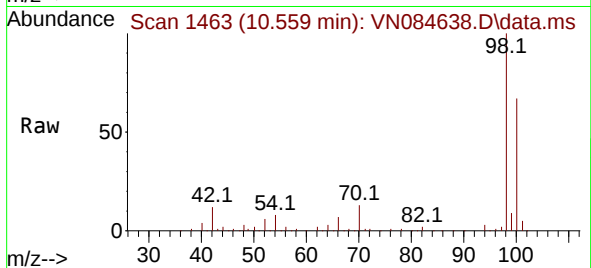
VPB190-HYD-20241030

Tgt Ion: 43 Resp: 1597

Ion Ratio Lower Upper

43 100

58 184.2 31.6 47.4#



#62

4-Bromofluorobenzene

Concen: 46.909 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. -0.000 min

Lab File: VN084638.D

Acq: 01 Nov 2024 15:06

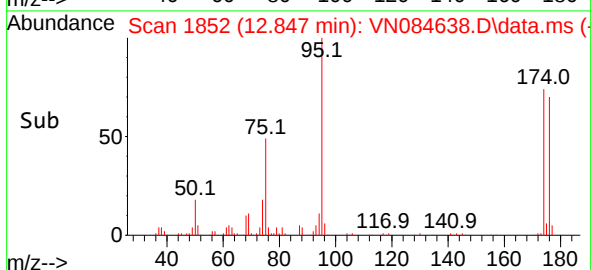
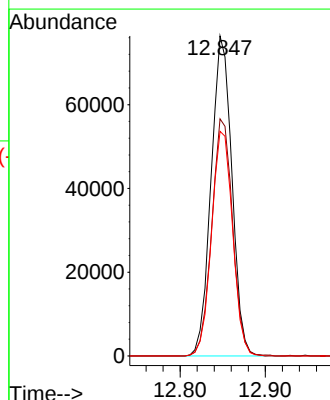
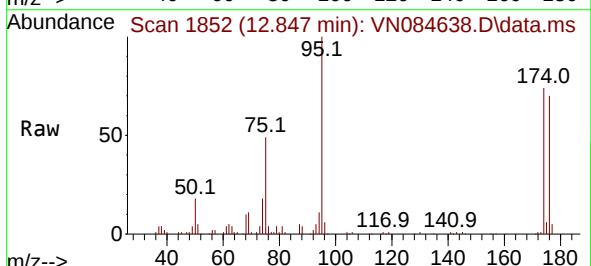
Tgt Ion: 95 Resp: 129227

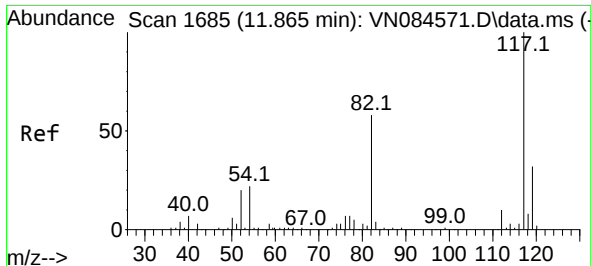
Ion Ratio Lower Upper

95 100

174 74.7 0.0 145.2

176 71.2 0.0 140.0

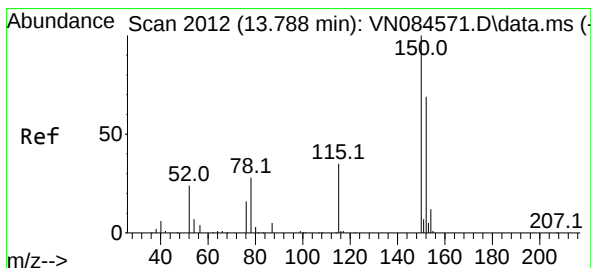
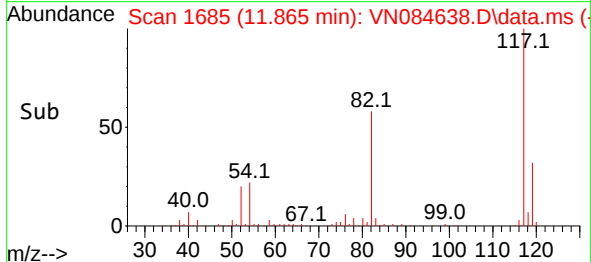
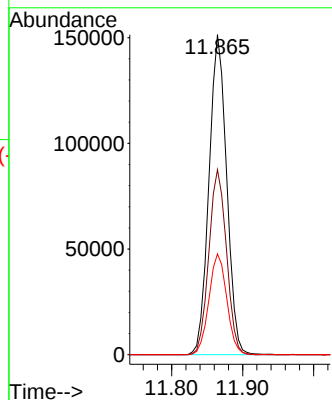
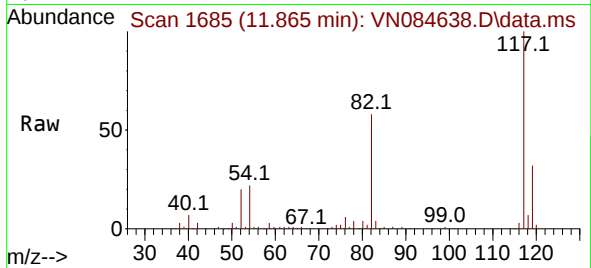




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN084638.D
Acq: 01 Nov 2024 15:06

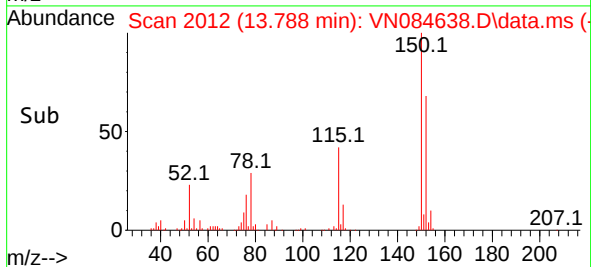
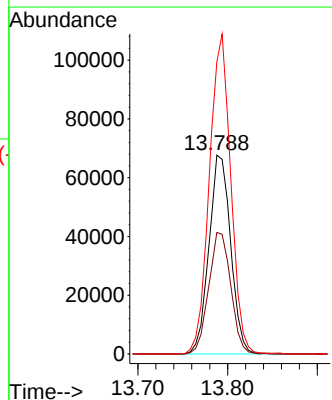
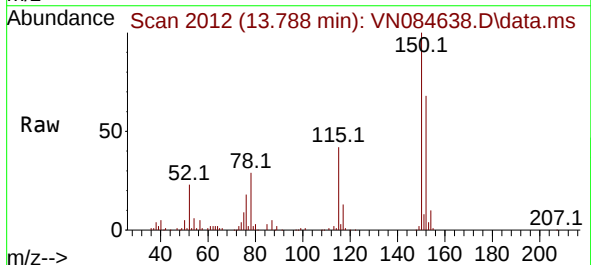
Instrument :
MSVOA_N
ClientSampleId :
VPB190-HYD-20241030

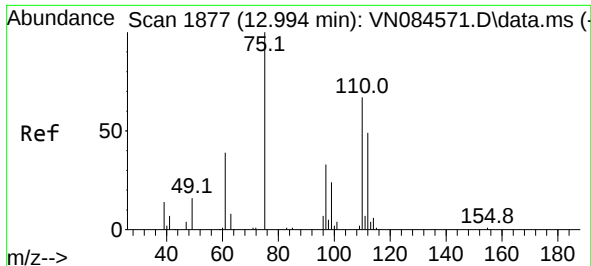
Tgt Ion:117 Resp: 261626
Ion Ratio Lower Upper
117 100
82 57.8 47.2 70.8
119 31.5 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. -0.000 min
Lab File: VN084638.D
Acq: 01 Nov 2024 15:06

Tgt Ion:152 Resp: 113670
Ion Ratio Lower Upper
152 100
115 62.0 31.3 93.9
150 158.6 0.0 349.8

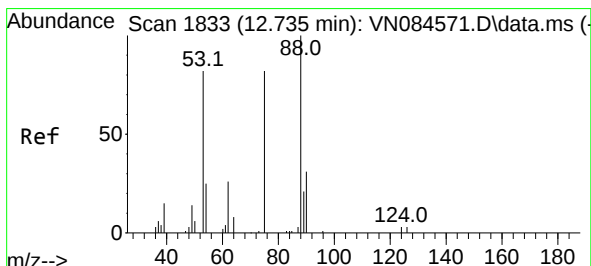
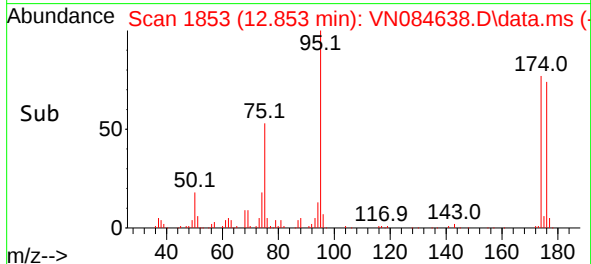
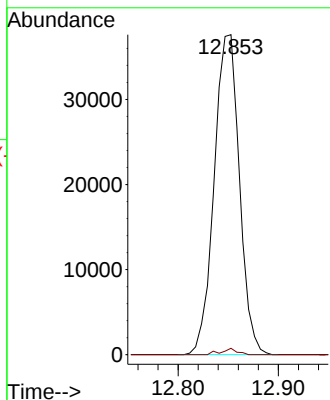
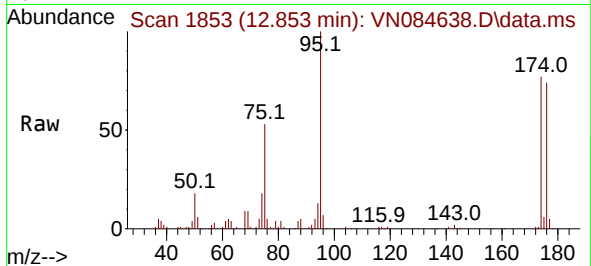




#76
1,2,3-Trichloropropane
Concen: 28.948 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.135 min
Lab File: VN084638.D
Acq: 01 Nov 2024 15:06

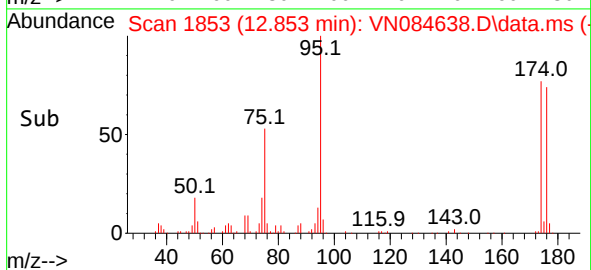
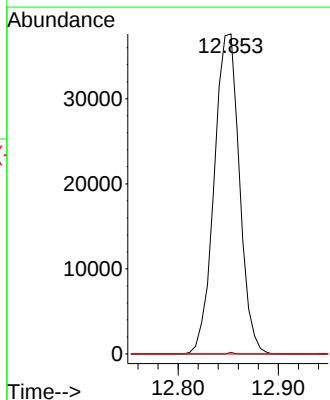
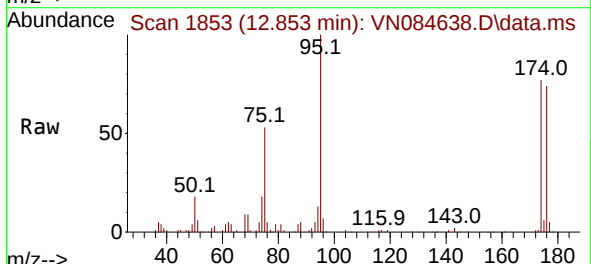
Instrument :
MSVOA_N
ClientSampleId :
VPB190-HYD-20241030

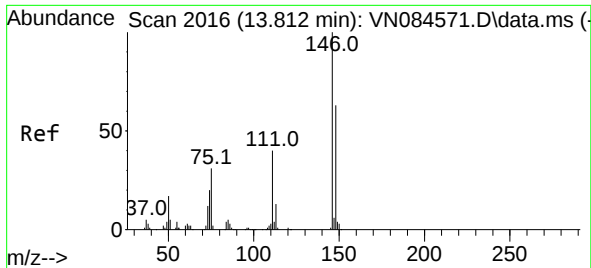
Tgt Ion: 75 Resp: 65776
Ion Ratio Lower Upper
75 100
77 1.2 96.9 290.7#



#81
trans-1,4-Dichloro-2-butene
Concen: 68.676 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.118 min
Lab File: VN084638.D
Acq: 01 Nov 2024 15:06

Tgt Ion: 75 Resp: 65776
Ion Ratio Lower Upper
75 100
53 0.1 78.0 117.0#
89 0.0 35.5 53.3#





#88

1,4-Dichlorobenzene

Concen: Below Cal

RT: 13.817 min Scan# 20

Delta R.T. 0.005 min

Lab File: VN084638.D

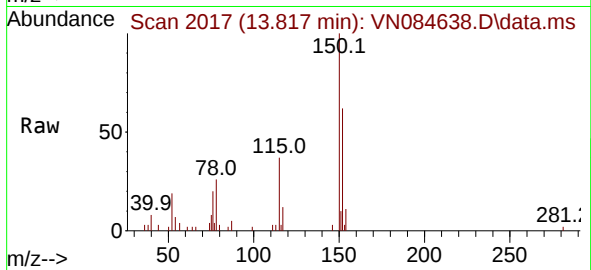
Acq: 01 Nov 2024 15:06

Instrument :

MSVOA_N

ClientSampleId :

VPB190-HYD-20241030



Tgt Ion:146 Resp: 133

Ion Ratio Lower Upper

146 100

111 0.0 21.2 63.6#

148 0.0 31.9 95.9#

