

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102124\
 Data File : VN084441.D
 Acq On : 21 Oct 2024 17:17
 Operator : JC\MD
 Sample : P4438-06
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 BP-VPB-190-GW-158-160

Quant Time: Oct 22 07:55:55 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N093024W.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 01 07:11:01 2024
 Response via : Initial Calibration

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

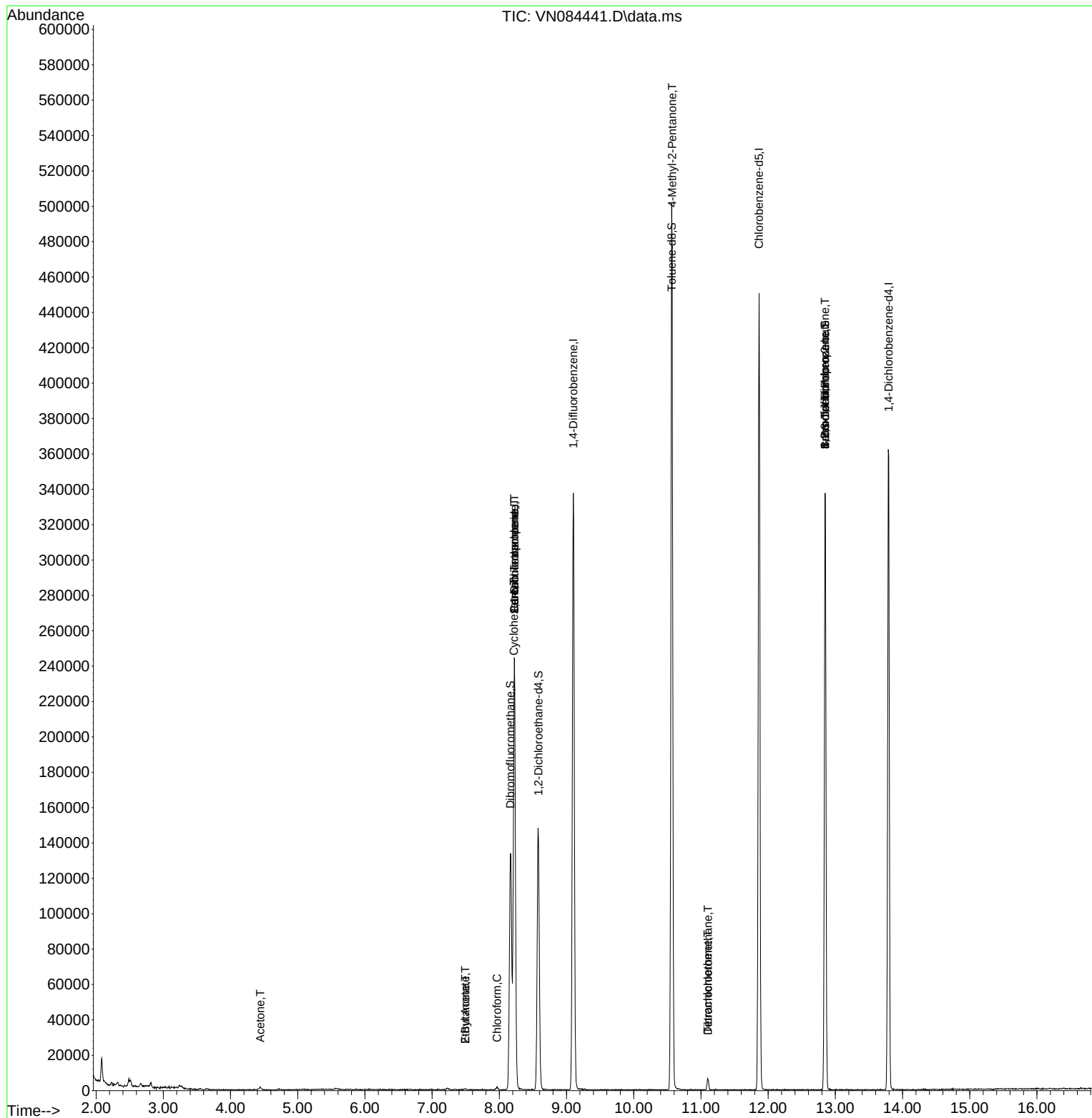
Internal Standards						
1) Pentafluorobenzene	8.224	168	169269	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	290609	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	252156	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	98336	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	122689	48.885	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	97.780%		
35) Dibromofluoromethane	8.165	113	99468	51.918	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	103.840%		
50) Toluene-d8	10.565	98	348095	49.384	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	98.760%		
62) 4-Bromofluorobenzene	12.847	95	118025	45.961	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	91.920%		
Target Compounds						
					Qvalue	
16) Acetone	4.442	43	2579	2.392	ug/l #	62
25) 2-Butanone	7.495	43	665	0.453	ug/l #	48
30) Chloroform	7.965	83	1603	0.403	ug/l #	84
31) Cyclohexane	8.218	56	3711	0.998	ug/l #	1
36) 1,1-Dichloropropene	8.224	75	14483	5.204	ug/l #	49
37) Ethyl Acetate	7.495	43	665	0.233	ug/l #	69
38) Carbon Tetrachloride	8.224	117	19283	6.317	ug/l #	15
51) 4-Methyl-2-Pentanone	10.571	43	1280	0.471	ug/l #	1
60) Dibromochloromethane	11.106	129	1523	0.680	ug/l #	11
64) Tetrachloroethene	11.100	164	1381	0.786	ug/l #	78
71) Bromoform	12.847	173	833	0.588	ug/l #	30
76) 1,2,3-Trichloropropane	12.847	75	60881	30.326	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	60881	72.705	ug/l #	11

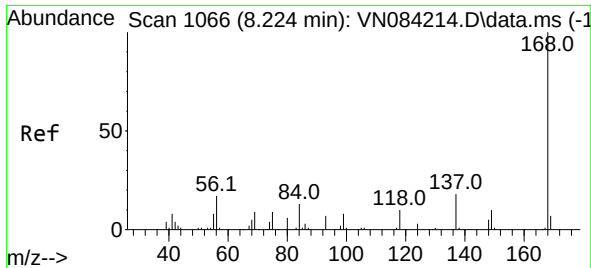
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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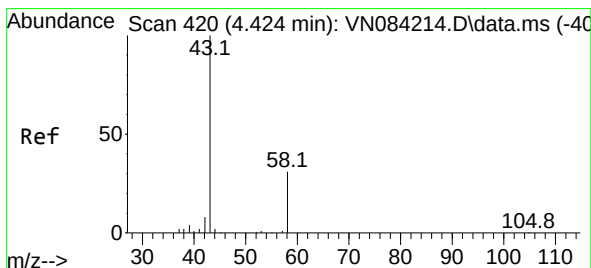
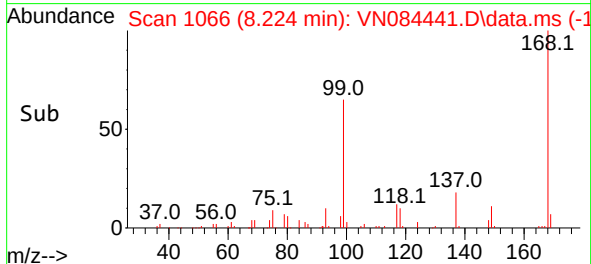
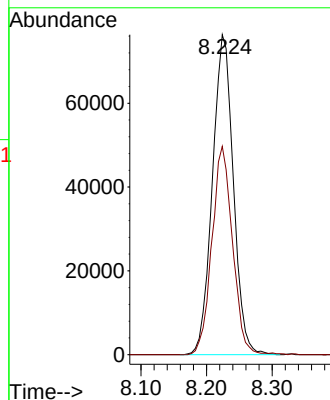
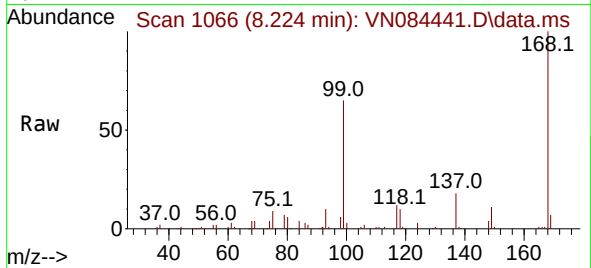




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. 0.000 min
Lab File: VN084441.D
Acq: 21 Oct 2024 17:17

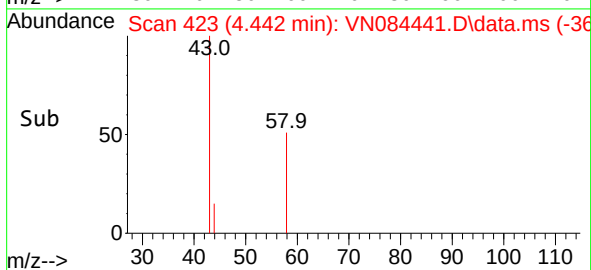
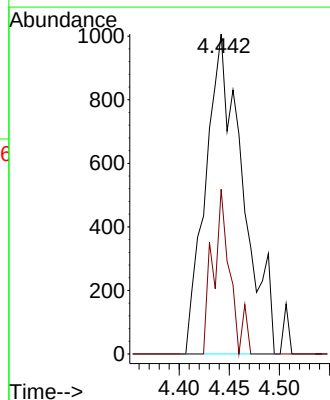
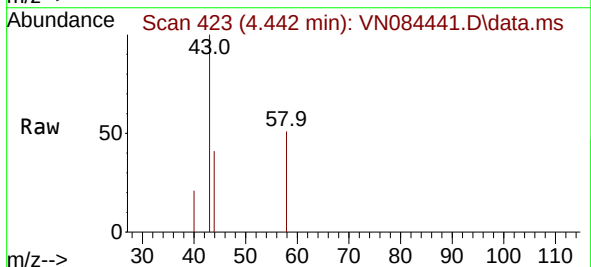
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-190-GW-158-160

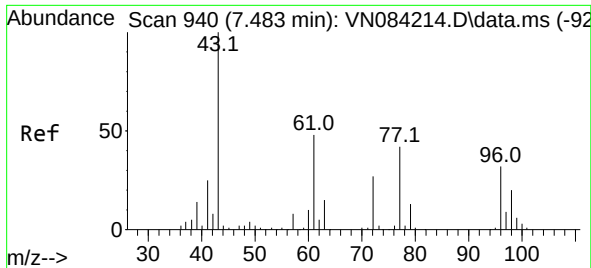
Tgt Ion:168 Resp: 169269
Ion Ratio Lower Upper
168 100
99 65.1 54.2 81.2



#16
Acetone
Concen: 2.392 ug/l
RT: 4.442 min Scan# 423
Delta R.T. 0.018 min
Lab File: VN084441.D
Acq: 21 Oct 2024 17:17

Tgt Ion: 43 Resp: 2579
Ion Ratio Lower Upper
43 100
58 51.4 24.4 36.6#

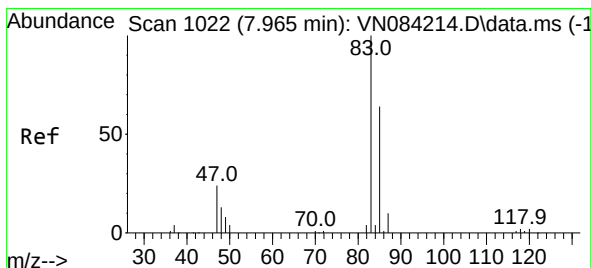
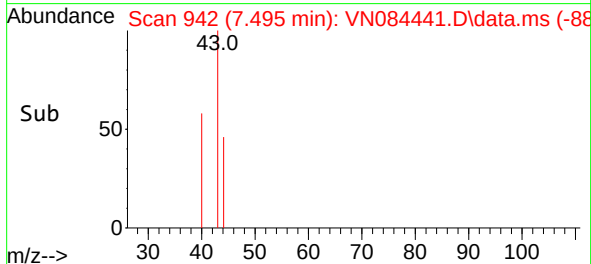
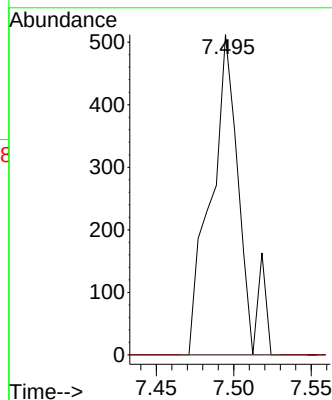
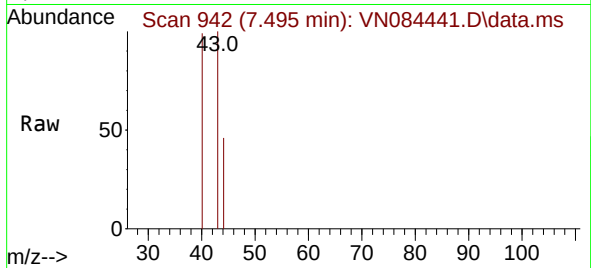




#25
2-Butanone
Concen: 0.453 ug/l
RT: 7.495 min Scan# 940
Delta R.T. 0.012 min
Lab File: VN084441.D
Acq: 21 Oct 2024 17:17

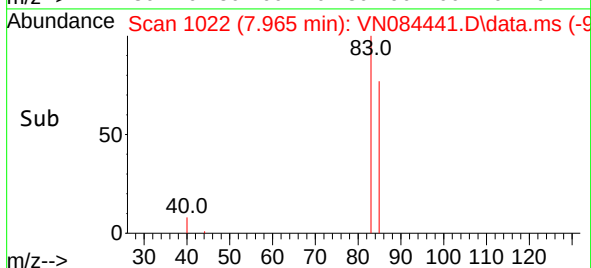
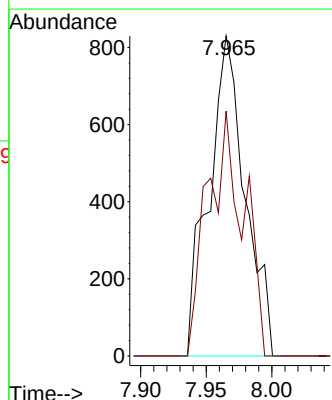
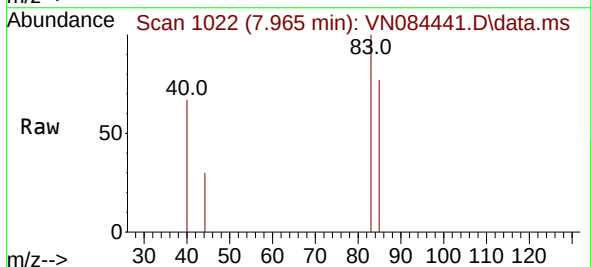
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-190-GW-158-160

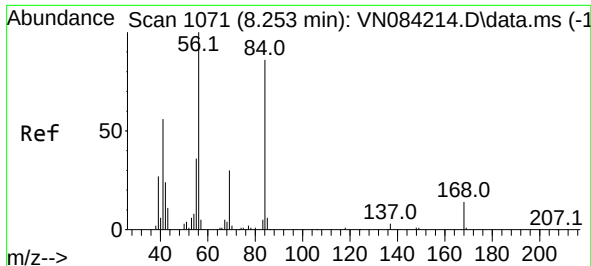
Tgt Ion: 43 Resp: 665
Ion Ratio Lower Upper
43 100
72 0.0 21.4 32.2#



#30
Chloroform
Concen: 0.403 ug/l
RT: 7.965 min Scan# 1022
Delta R.T. 0.000 min
Lab File: VN084441.D
Acq: 21 Oct 2024 17:17

Tgt Ion: 83 Resp: 1603
Ion Ratio Lower Upper
83 100
85 76.5 51.0 76.4#

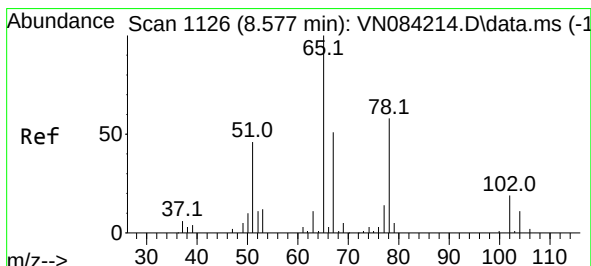
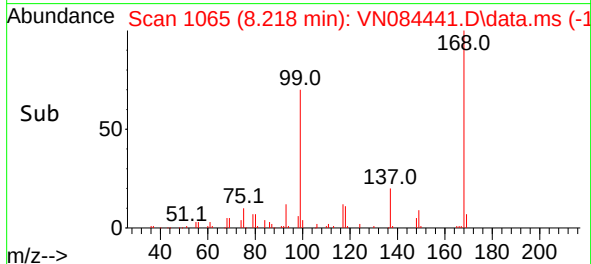
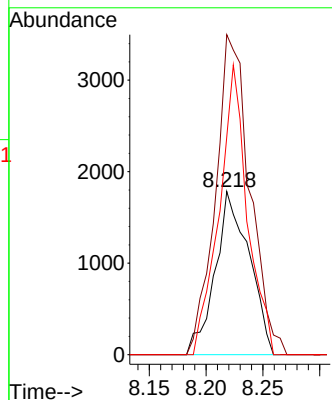
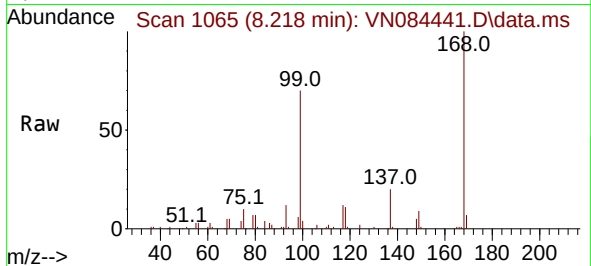




#31
Cyclohexane
Concen: 0.998 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.035 min
Lab File: VN084441.D
Acq: 21 Oct 2024 17:17

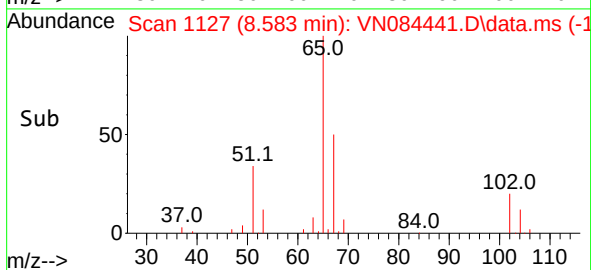
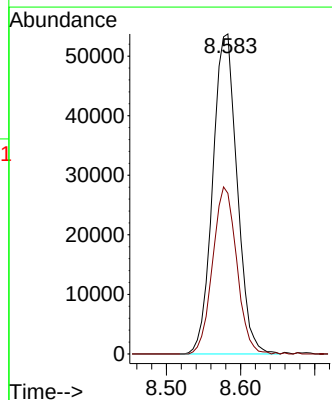
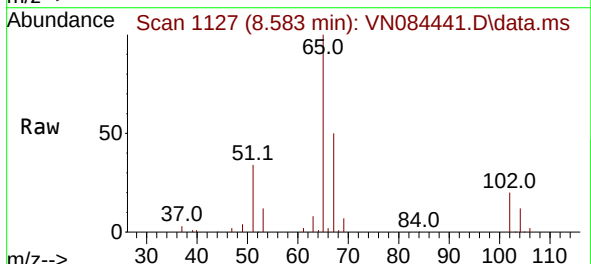
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-190-GW-158-160

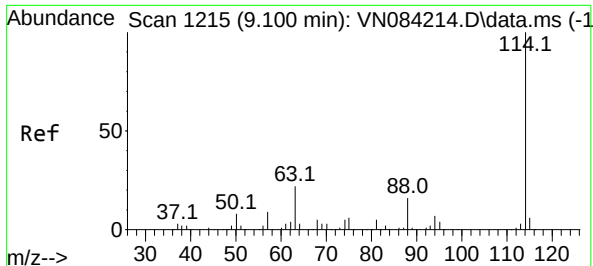
Tgt Ion: 56 Resp: 3711
Ion Ratio Lower Upper
56 100
69 196.0 23.8 35.6#
84 133.4 68.8 103.2#



#33
1,2-Dichloroethane-d4
Concen: 48.885 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. 0.006 min
Lab File: VN084441.D
Acq: 21 Oct 2024 17:17

Tgt Ion: 65 Resp: 122689
Ion Ratio Lower Upper
65 100
67 51.5 0.0 102.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN084441.D

Acq: 21 Oct 2024 17:17

Instrument :

MSVOA_N

ClientSampleId :

BP-VPB-190-GW-158-160

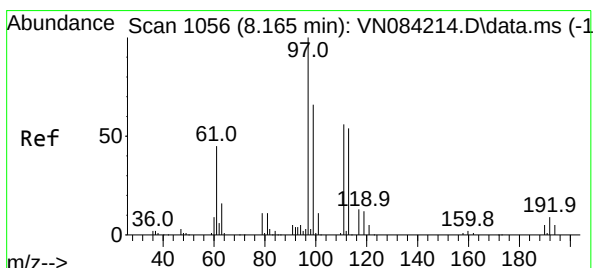
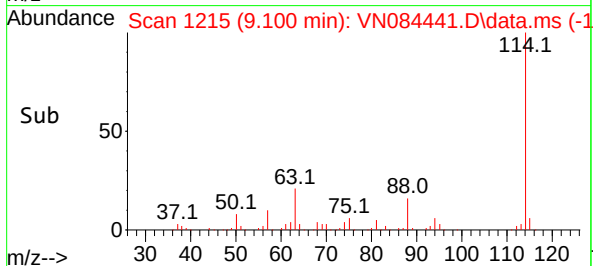
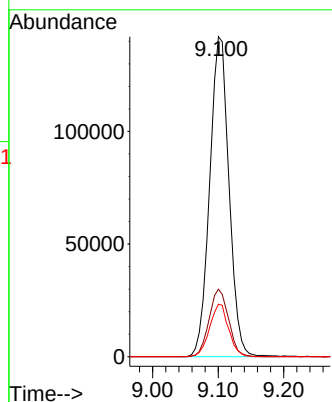
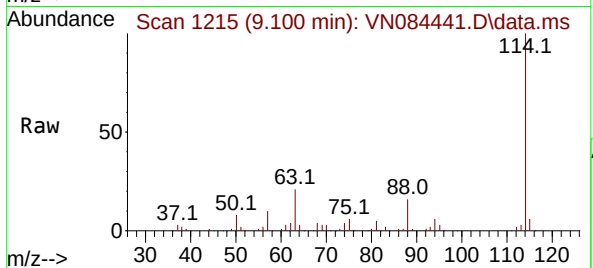
Tgt Ion:114 Resp: 290609

Ion Ratio Lower Upper

114 100

63 21.1 0.0 43.8

88 16.4 0.0 31.6



#35

Dibromofluoromethane

Concen: 51.918 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. 0.000 min

Lab File: VN084441.D

Acq: 21 Oct 2024 17:17

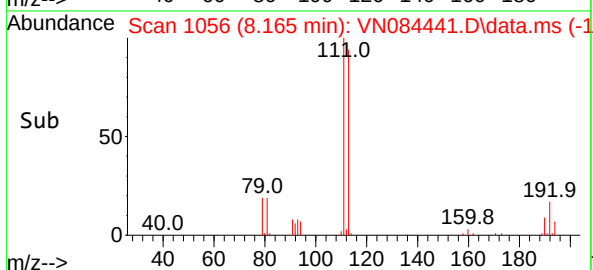
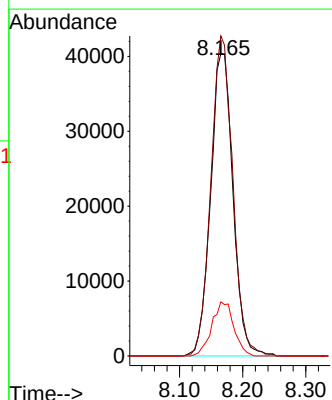
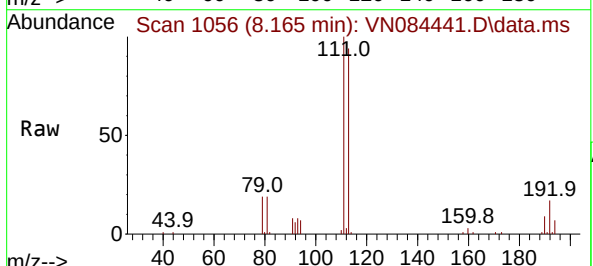
Tgt Ion:113 Resp: 99468

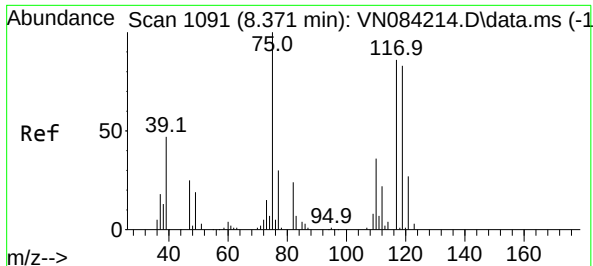
Ion Ratio Lower Upper

113 100

111 103.4 83.3 124.9

192 17.6 13.5 20.3





#36

1,1-Dichloropropene

Concen: 5.204 ug/l

RT: 8.224 min Scan# 1

Delta R.T. -0.147 min

Lab File: VN084441.D

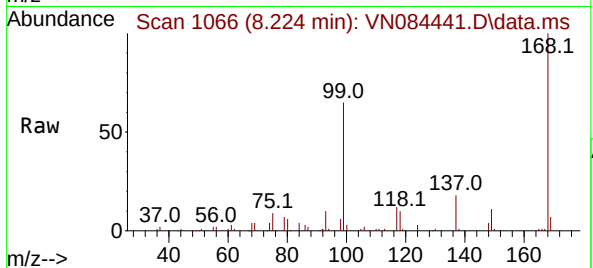
Acq: 21 Oct 2024 17:17

Instrument :

MSVOA_N

ClientSampleId :

BP-VPB-190-GW-158-160



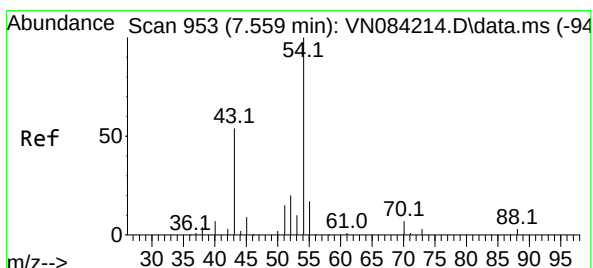
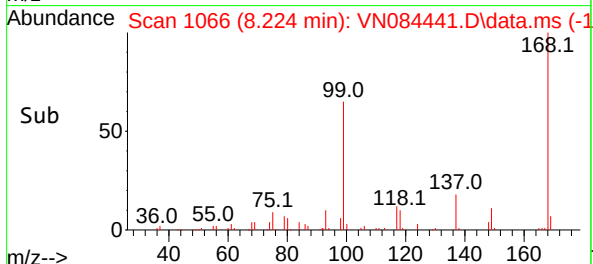
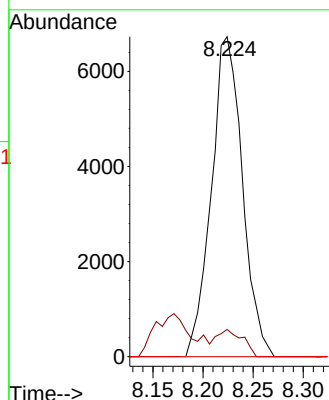
Tgt Ion: 75 Resp: 14483

Ion Ratio Lower Upper

75 100

110 7.2 16.9 50.7#

77 0.0 24.7 37.1#



#37

Ethyl Acetate

Concen: 0.233 ug/l

RT: 7.495 min Scan# 942

Delta R.T. -0.064 min

Lab File: VN084441.D

Acq: 21 Oct 2024 17:17

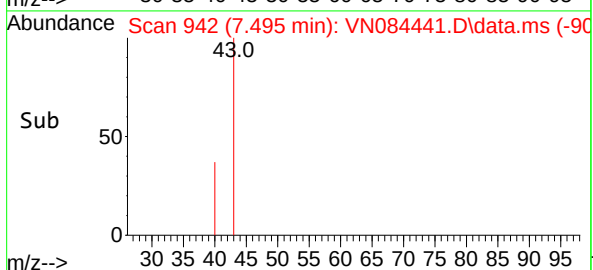
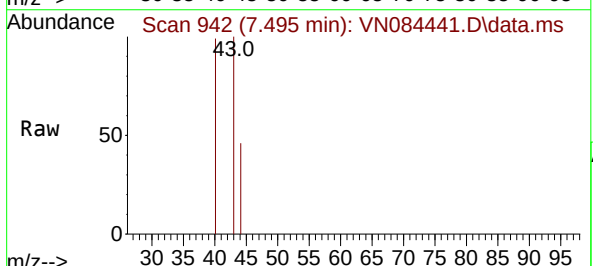
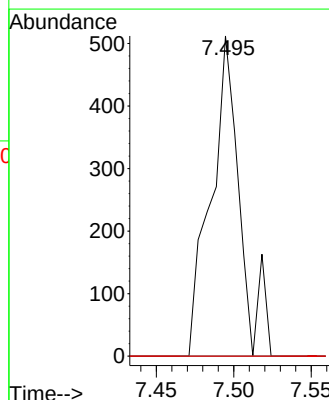
Tgt Ion: 43 Resp: 665

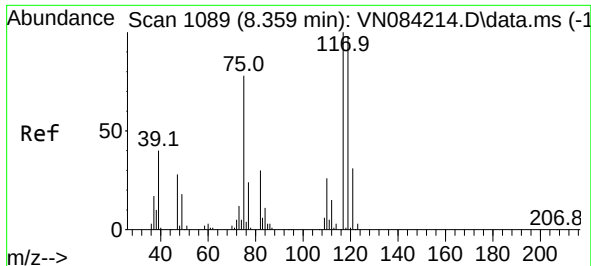
Ion Ratio Lower Upper

43 100

61 0.0 10.7 16.1#

70 0.0 8.8 13.2#

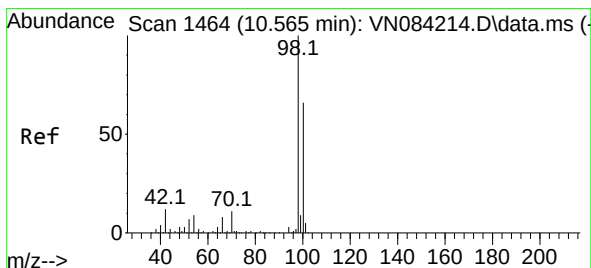
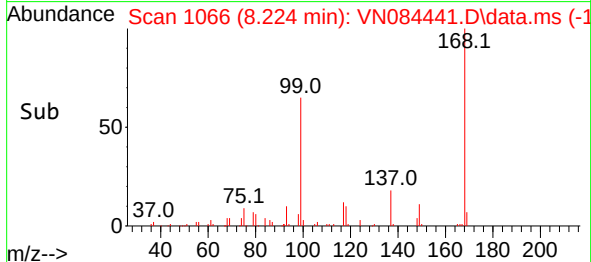
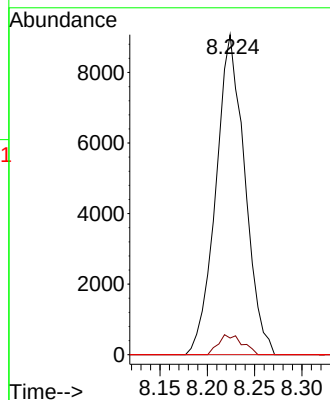
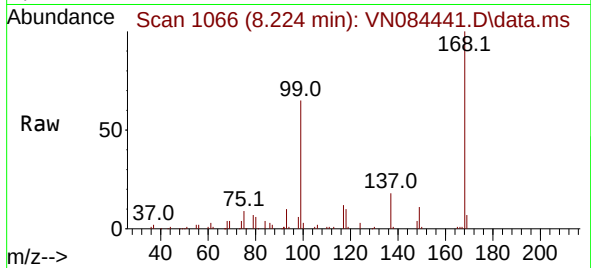




#38
Carbon Tetrachloride
Concen: 6.317 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.135 min
Lab File: VN084441.D
Acq: 21 Oct 2024 17:17

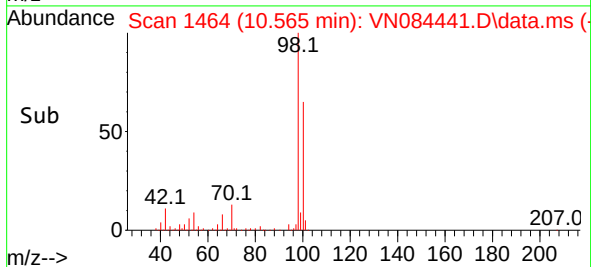
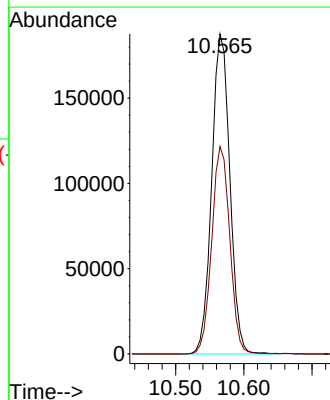
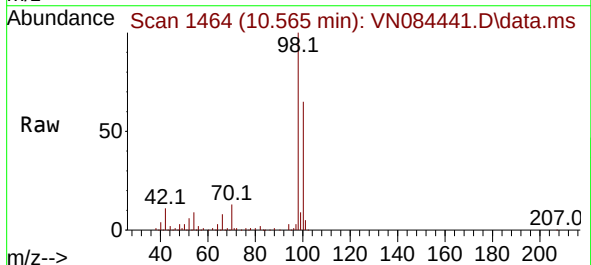
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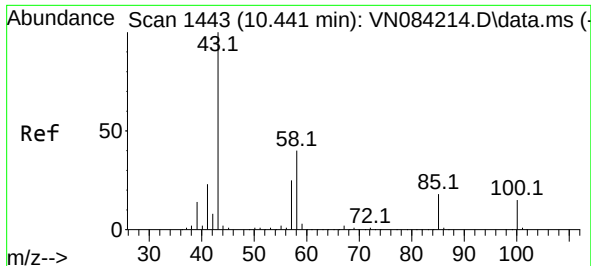
Tgt Ion:117 Resp: 19283
Ion Ratio Lower Upper
117 100
119 5.2 78.7 118.1#
121 0.0 24.4 36.6#



#50
Toluene-d8
Concen: 49.384 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VN084441.D
Acq: 21 Oct 2024 17:17

Tgt Ion: 98 Resp: 348095
Ion Ratio Lower Upper
98 100
100 64.5 52.7 79.1

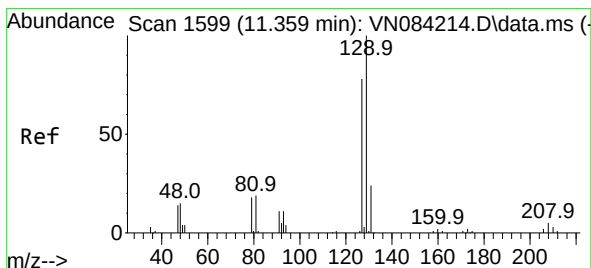
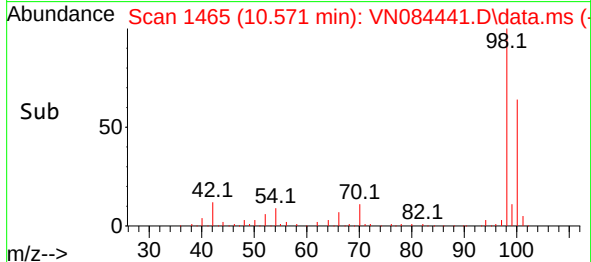
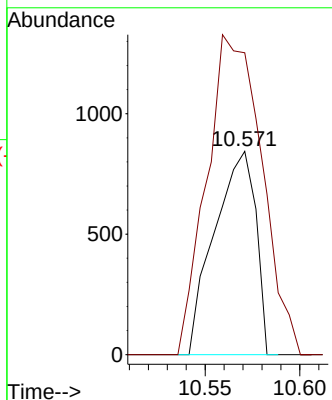
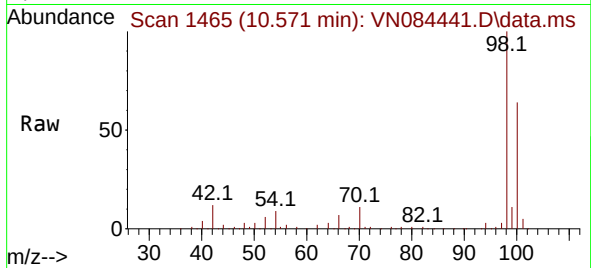




#51
4-Methyl-2-Pentanone
Concen: 0.471 ug/l
RT: 10.571 min Scan# 14
Delta R.T. 0.130 min
Lab File: VN084441.D
Acq: 21 Oct 2024 17:17

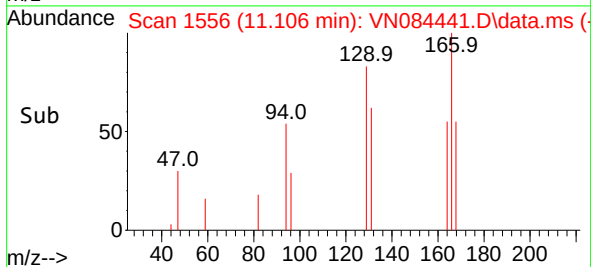
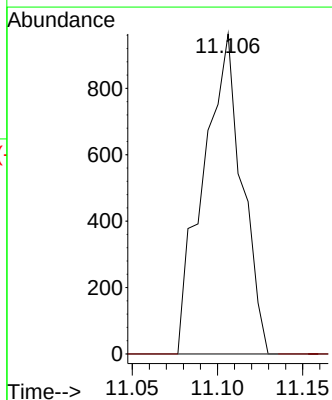
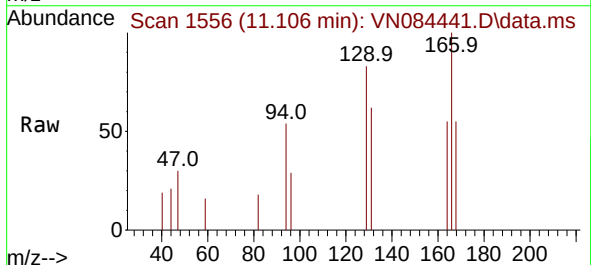
Instrument :
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BP-VPB-190-GW-158-160

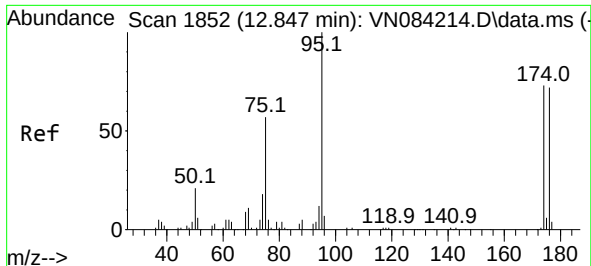
Tgt Ion: 43 Resp: 1280
Ion Ratio Lower Upper
43 100
58 209.1 31.6 47.4#



#60
Dibromochloromethane
Concen: 0.680 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. -0.253 min
Lab File: VN084441.D
Acq: 21 Oct 2024 17:17

Tgt Ion: 129 Resp: 1523
Ion Ratio Lower Upper
129 100
127 0.0 38.3 114.9#

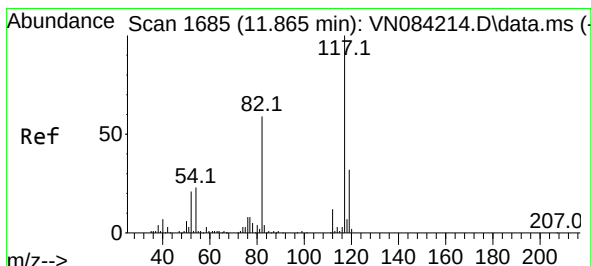
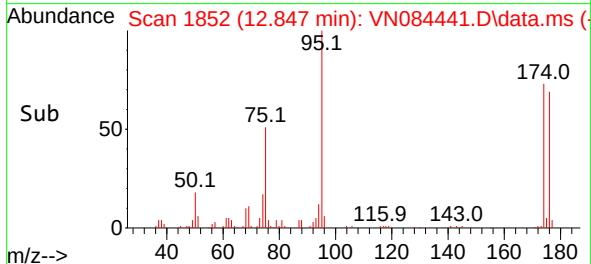
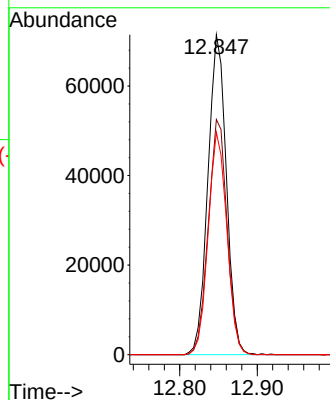
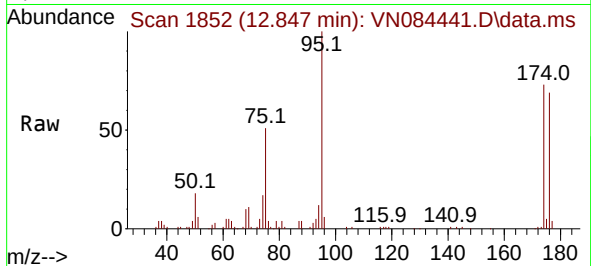




#62
4-Bromofluorobenzene
Concen: 45.961 ug/l
RT: 12.847 min Scan# 118025
Delta R.T. 0.000 min
Lab File: VN084441.D
Acq: 21 Oct 2024 17:17

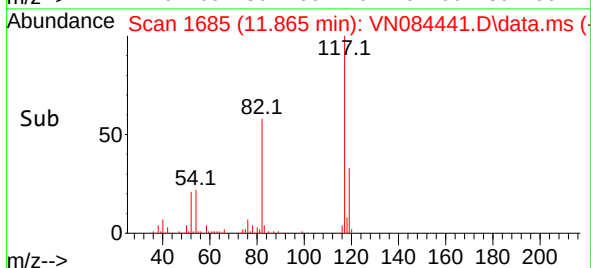
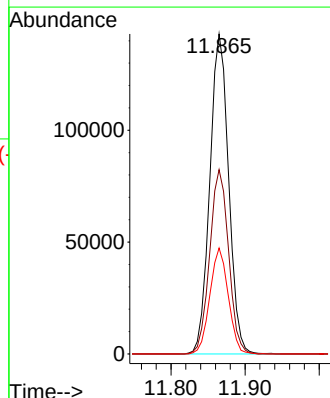
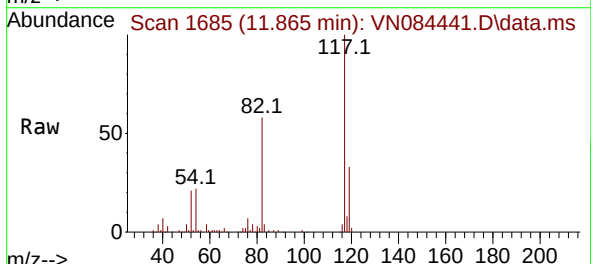
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-190-GW-158-160

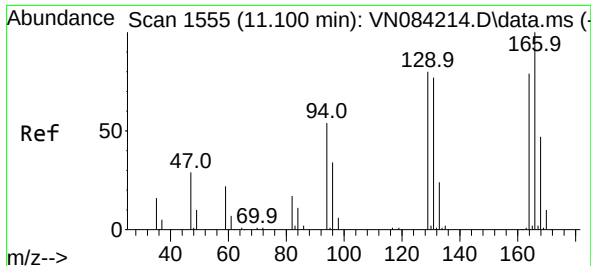
Tgt Ion: 95 Resp: 118025
Ion Ratio Lower Upper
95 100
174 75.1 0.0 145.2
176 70.1 0.0 140.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN084441.D
Acq: 21 Oct 2024 17:17

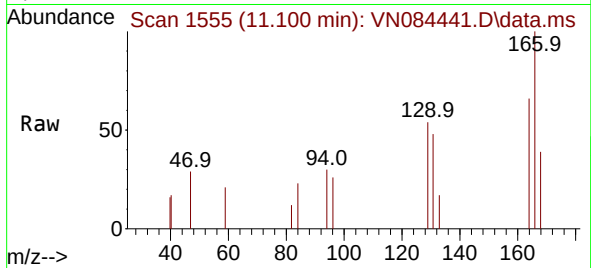
Tgt Ion: 117 Resp: 252156
Ion Ratio Lower Upper
117 100
82 57.6 47.2 70.8
119 33.1 25.4 38.0



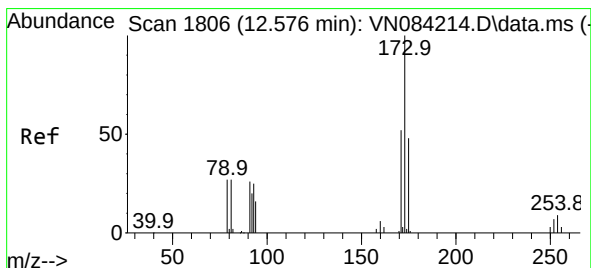
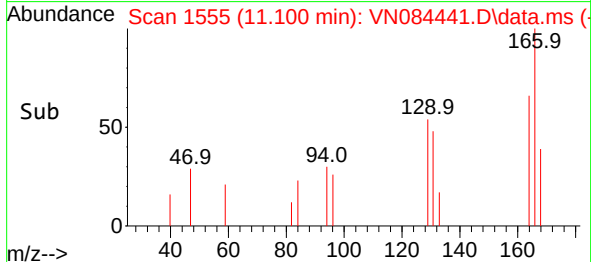
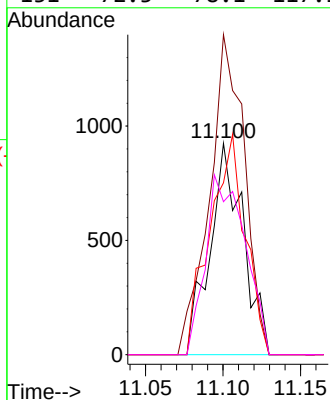


#64
Tetrachloroethene
Concen: 0.786 ug/l
RT: 11.100 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN084441.D
Acq: 21 Oct 2024 17:17

Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-190-GW-158-160

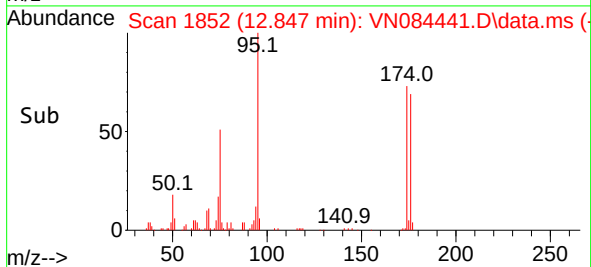
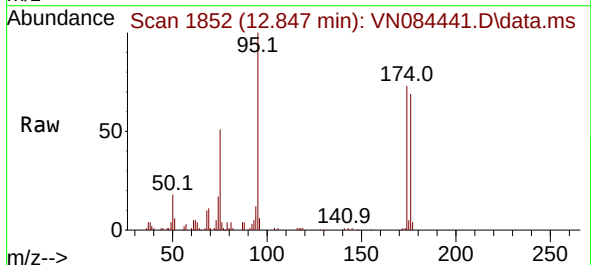
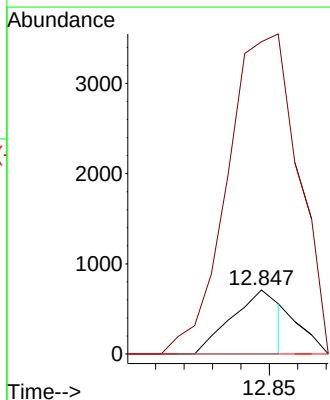


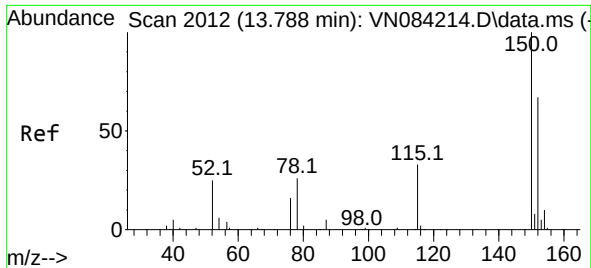
Tgt Ion:164 Resp: 1381
Ion Ratio Lower Upper
164 100
166 151.4 101.0 151.4
129 81.3 80.8 121.2
131 72.3 78.1 117.1#



#71
Bromoform
Concen: 0.588 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.271 min
Lab File: VN084441.D
Acq: 21 Oct 2024 17:17

Tgt Ion:173 Resp: 833
Ion Ratio Lower Upper
173 100
175 0.0 23.5 70.6#
254 0.0 0.0 0.0

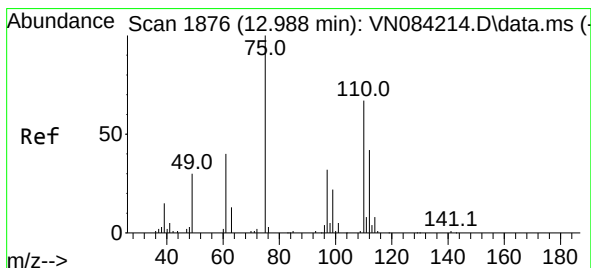
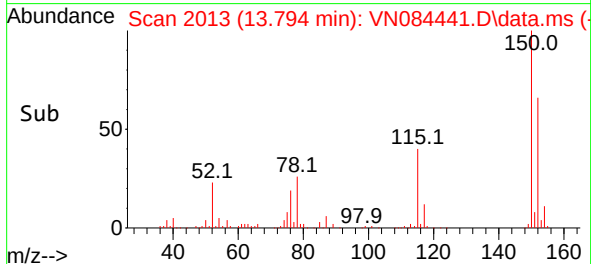
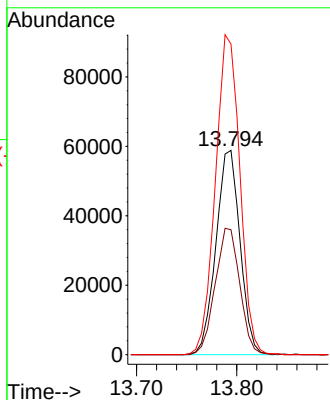
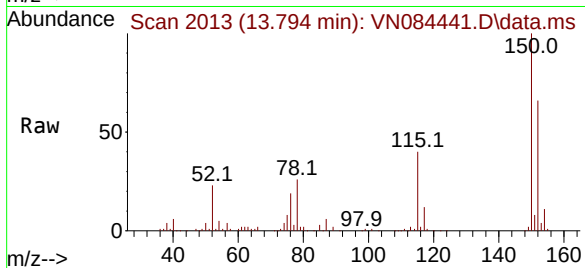




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 20
 Delta R.T. 0.006 min
 Lab File: VN084441.D
 Acq: 21 Oct 2024 17:17

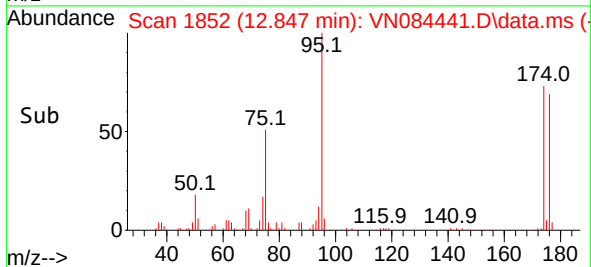
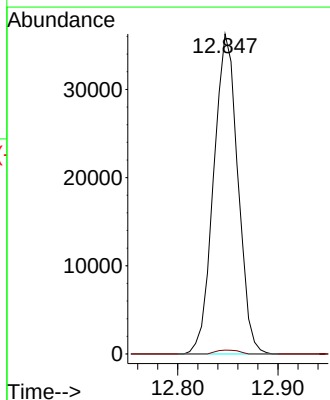
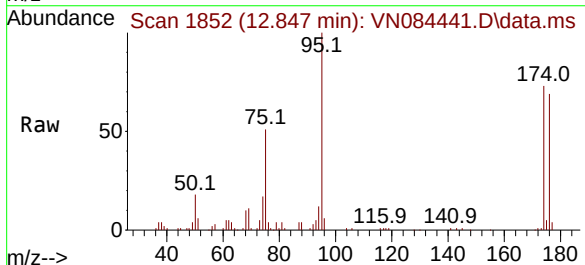
Instrument :
 MSVOA_N
 ClientSampleId :
 BP-VPB-190-GW-158-160

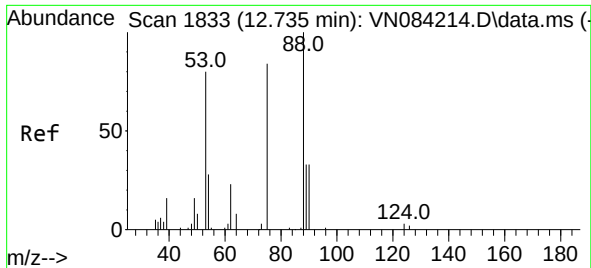
Tgt Ion:152 Resp: 98336
 Ion Ratio Lower Upper
 152 100
 115 63.1 31.3 93.9
 150 159.2 0.0 349.8



#76
 1,2,3-Trichloropropane
 Concen: 30.326 ug/l
 RT: 12.847 min Scan# 1852
 Delta R.T. -0.141 min
 Lab File: VN084441.D
 Acq: 21 Oct 2024 17:17

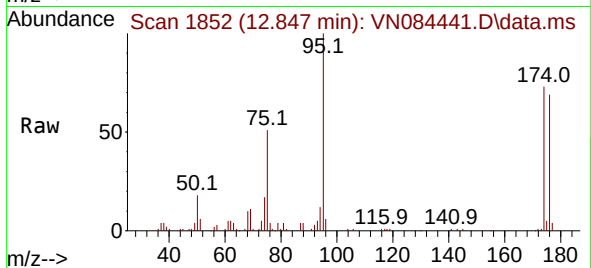
Tgt Ion: 75 Resp: 60881
 Ion Ratio Lower Upper
 75 100
 77 1.1 96.9 290.7#





#81
trans-1,4-Dichloro-2-butene
Concen: 72.705 ug/l
RT: 12.847 min Scan# 11
Delta R.T. 0.112 min
Lab File: VN084441.D
Acq: 21 Oct 2024 17:17

Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-190-GW-158-160



Tgt Ion: 75 Resp: 60881
Ion Ratio Lower Upper
75 100
53 0.0 78.0 117.0#
89 0.0 35.5 53.3#

