

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102224\
 Data File : VN084456.D
 Acq On : 22 Oct 2024 15:33
 Operator : JC\MD
 Sample : P4475-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 BP-VPB-190-TB-20241018

Quant Time: Oct 23 01:29:52 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)

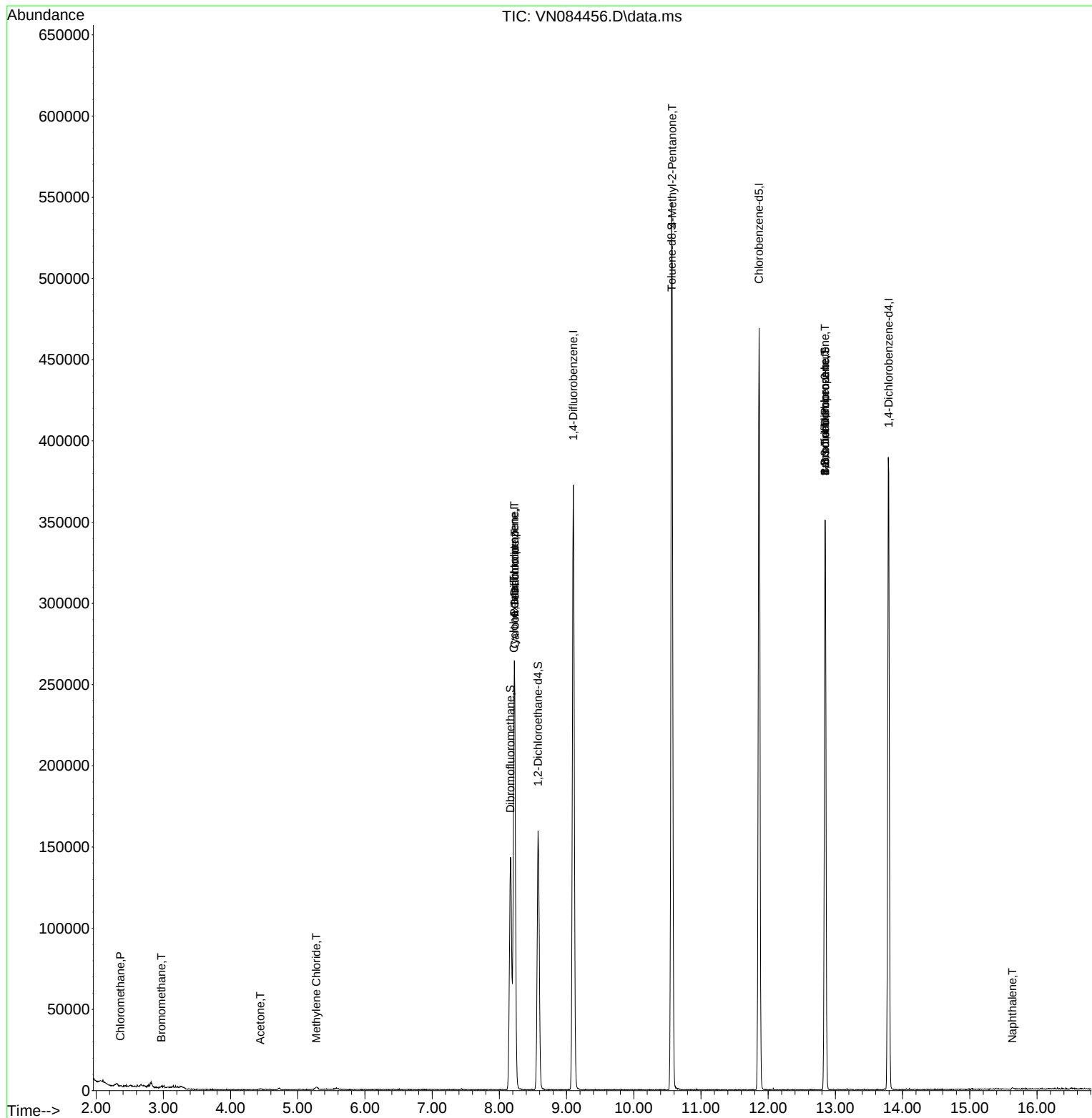
Internal Standards						
1) Pentafluorobenzene	8.224	168	187259	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	314405	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	266392	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	103875	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	127799	46.029	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	92.060%		
35) Dibromofluoromethane	8.165	113	105226	50.766	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	101.540%		
50) Toluene-d8	10.565	98	374449	49.102	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	98.200%		
62) 4-Bromofluorobenzene	12.847	95	126627	45.579	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	91.160%		
Target Compounds						Qvalue
3) Chloromethane	2.359	50	702	0.278	ug/l #	41
5) Bromomethane	2.971	94	477	0.295	ug/l	84
16) Acetone	4.442	43	1439	1.206	ug/l #	44
20) Methylene Chloride	5.277	84	1234	0.509	ug/l #	83
31) Cyclohexane	8.218	56	4238	1.031	ug/l #	1
36) 1,1-Dichloropropene	8.224	75	15902	5.282	ug/l #	50
38) Carbon Tetrachloride	8.230	117	20521	6.214	ug/l #	14
51) 4-Methyl-2-Pentanone	10.571	43	1802	0.613	ug/l #	1
71) Bromoform	12.847	173	678	0.453	ug/l #	1
76) 1,2,3-Trichloropropane	12.847	75	64588	30.457	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	64588	73.019	ug/l #	11
95) Naphthalene	15.635	128	1289	0.224	ug/l #	69

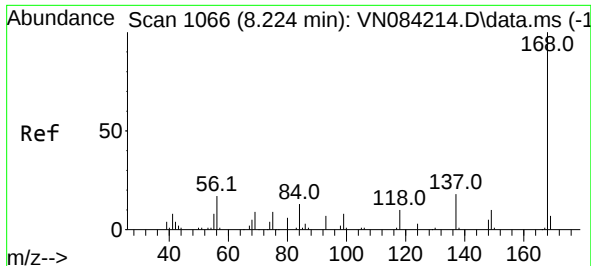
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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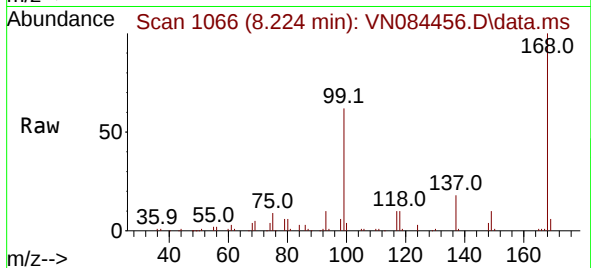
Quant Time: Oct 23 01:29:52 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N093024W.M
Quant Title : SW846 8260
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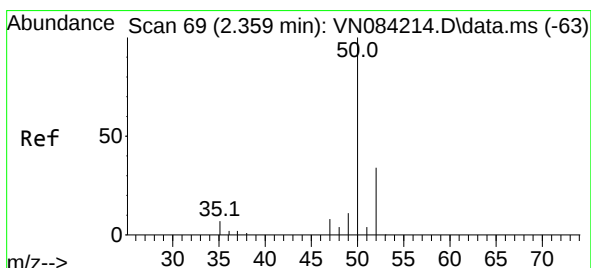
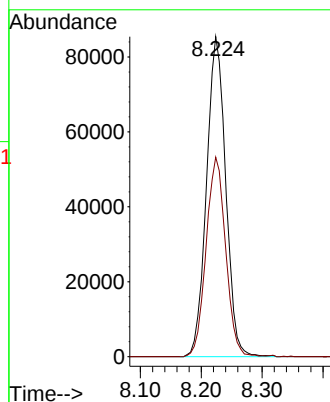
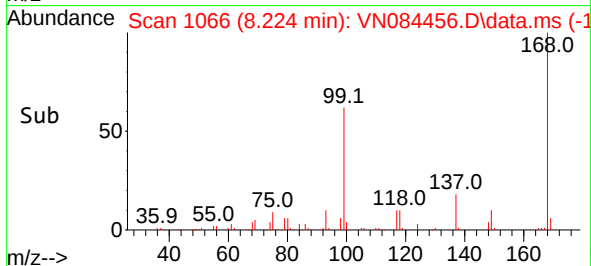


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN084456.D
Acq: 22 Oct 2024 15:33

Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-190-TB-20241018

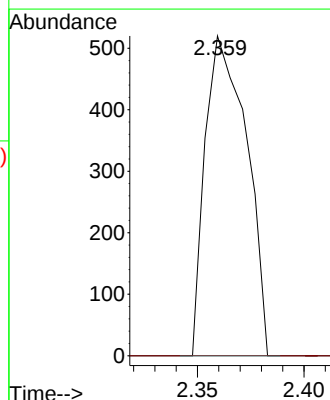
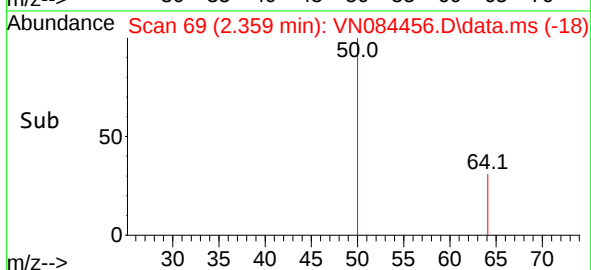
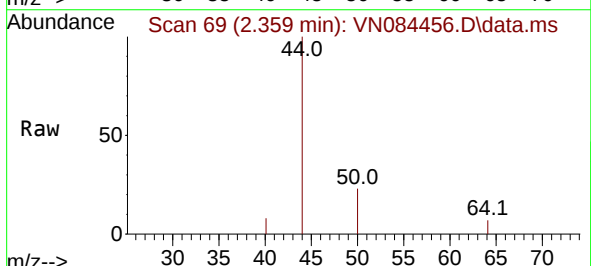


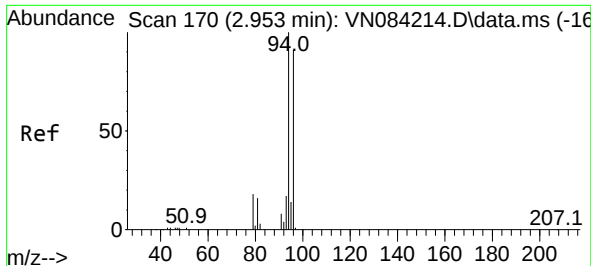
Tgt Ion:168 Resp: 187259
Ion Ratio Lower Upper
168 100
99 62.3 54.2 81.2



#3
Chloromethane
Concen: 0.278 ug/l
RT: 2.359 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN084456.D
Acq: 22 Oct 2024 15:33

Tgt Ion: 50 Resp: 702
Ion Ratio Lower Upper
50 100
52 0.0 26.8 40.2#

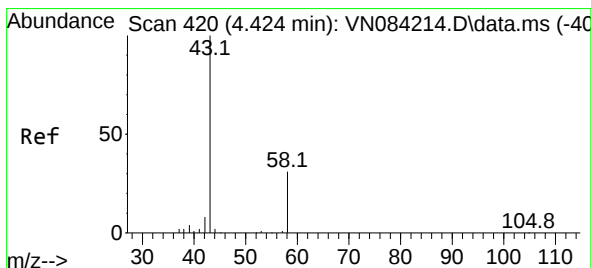
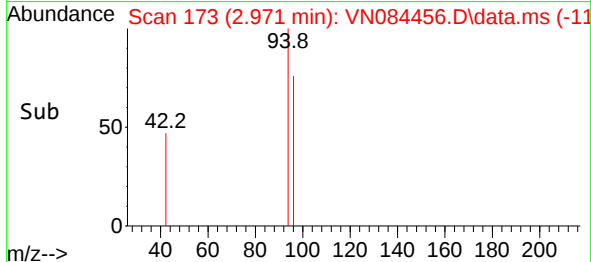
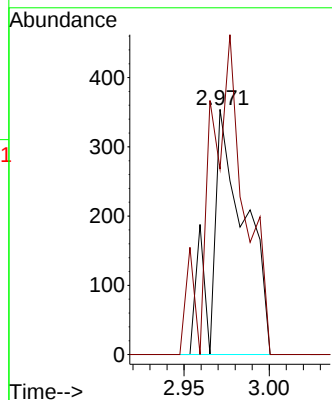
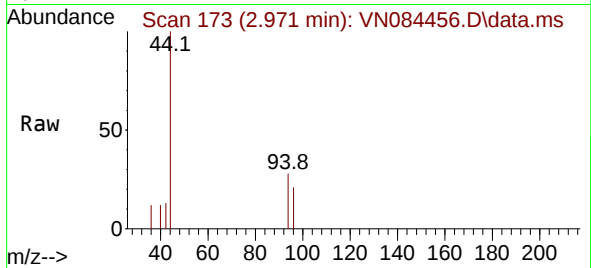




#5
Bromomethane
Concen: 0.295 ug/l
RT: 2.971 min Scan# 11
Delta R.T. 0.018 min
Lab File: VN084456.D
Acq: 22 Oct 2024 15:33

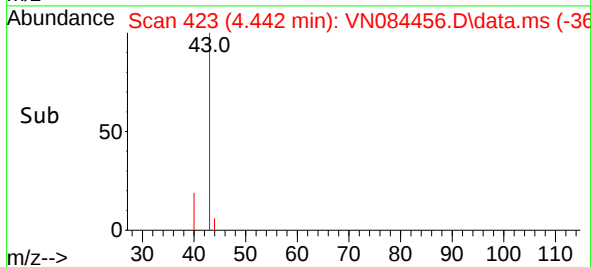
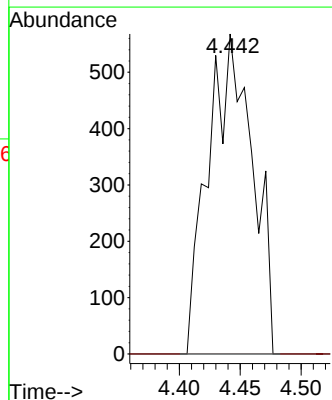
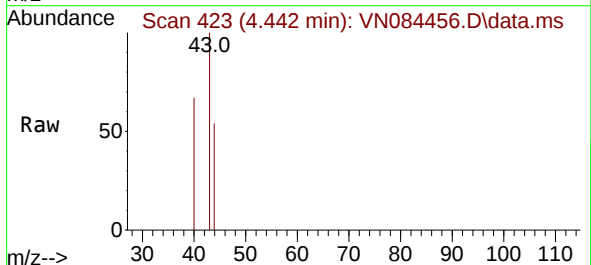
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-190-TB-20241018

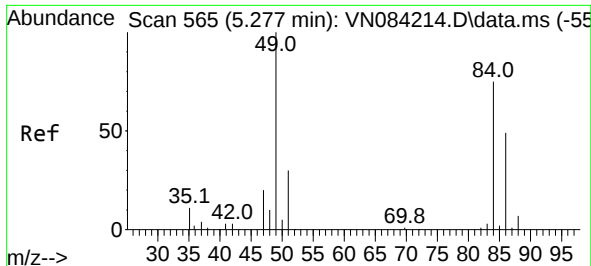
Tgt Ion: 94 Resp: 477
Ion Ratio Lower Upper
94 100
96 75.7 72.9 109.3



#16
Acetone
Concen: 1.206 ug/l
RT: 4.442 min Scan# 423
Delta R.T. 0.018 min
Lab File: VN084456.D
Acq: 22 Oct 2024 15:33

Tgt Ion: 43 Resp: 1439
Ion Ratio Lower Upper
43 100
58 0.0 24.4 36.6#

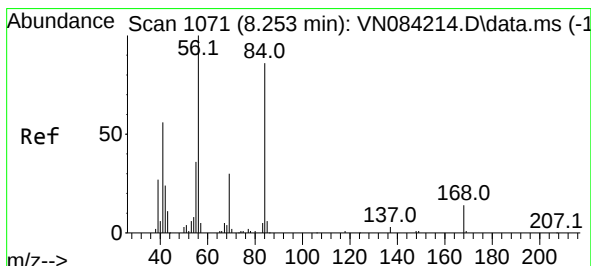
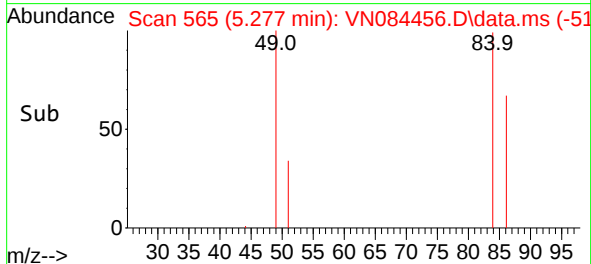
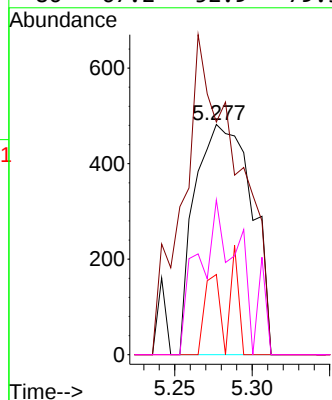
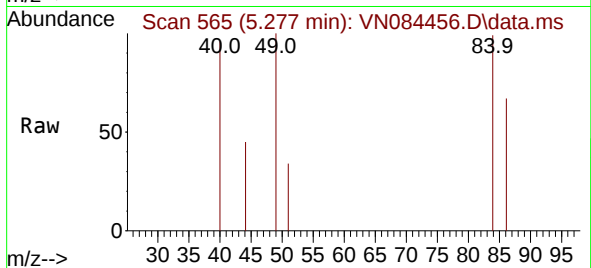




#20
Methylene Chloride
Concen: 0.509 ug/l
RT: 5.277 min Scan# 51
Delta R.T. -0.000 min
Lab File: VN084456.D
Acq: 22 Oct 2024 15:33

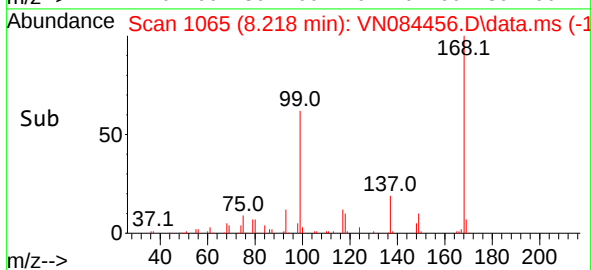
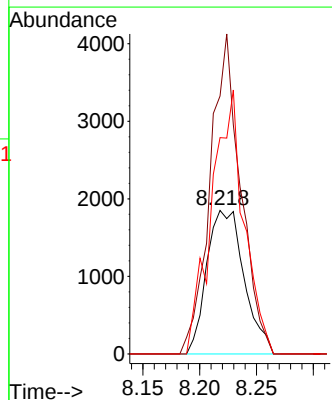
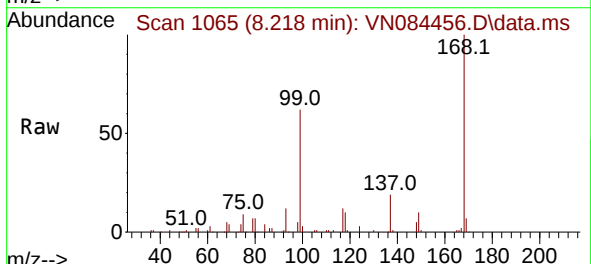
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-190-TB-20241018

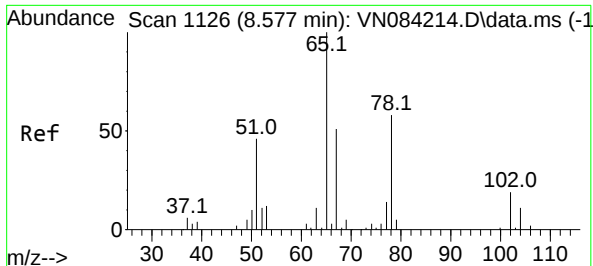
Tgt Ion:	84	Resp:	1234
Ion	Ratio	Lower	Upper
84	100		
49	101.0	107.2	160.8#
51	34.9	31.8	47.8
86	67.2	52.9	79.3



#31
Cyclohexane
Concen: 1.031 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.035 min
Lab File: VN084456.D
Acq: 22 Oct 2024 15:33

Tgt Ion:	56	Resp:	4238
Ion	Ratio	Lower	Upper
56	100		
69	179.7	23.8	35.6#
84	150.7	68.8	103.2#





#33

1,2-Dichloroethane-d4

Concen: 46.029 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VN084456.D

Acq: 22 Oct 2024 15:33

Instrument :

MSVOA_N

ClientSampleId :

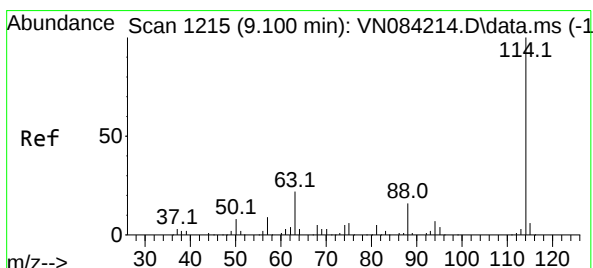
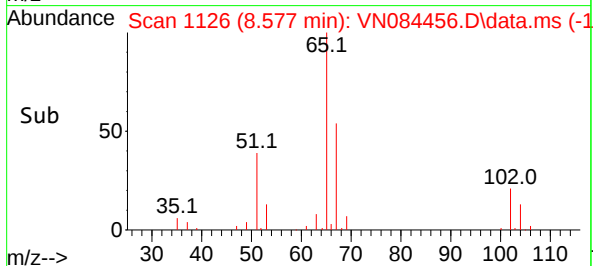
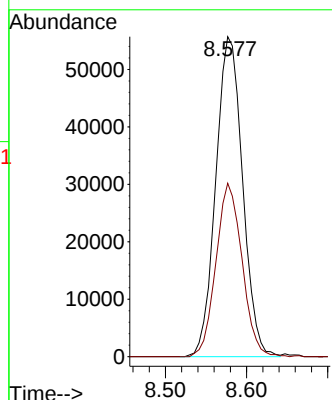
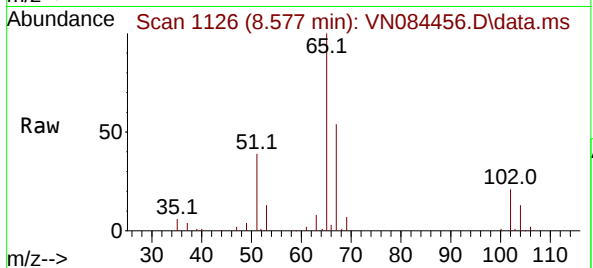
BP-VPB-190-TB-20241018

Tgt Ion: 65 Resp: 127799

Ion Ratio Lower Upper

65 100

67 52.8 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: VN084456.D

Acq: 22 Oct 2024 15:33

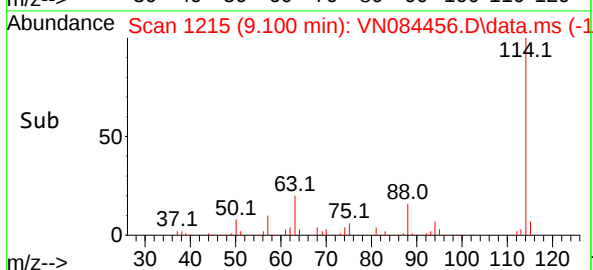
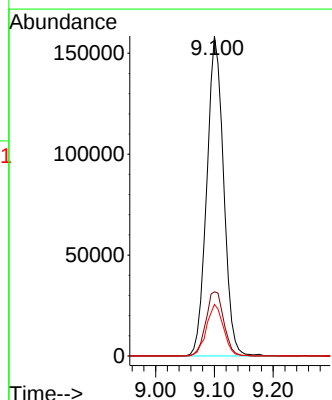
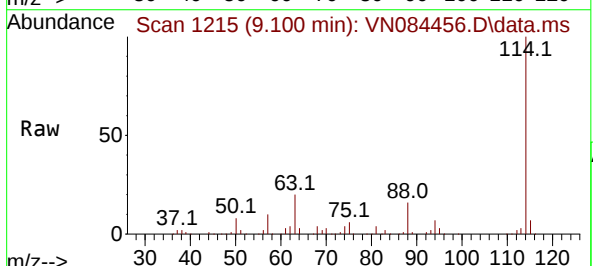
Tgt Ion: 114 Resp: 314405

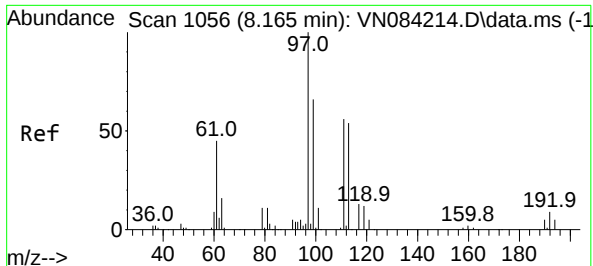
Ion Ratio Lower Upper

114 100

63 20.1 0.0 43.8

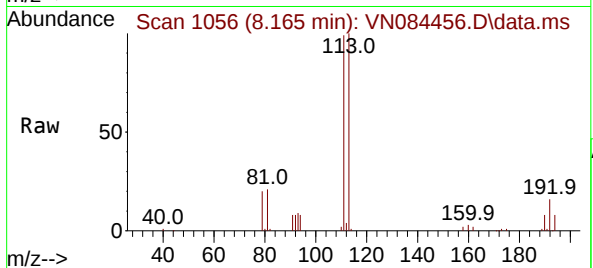
88 16.1 0.0 31.6



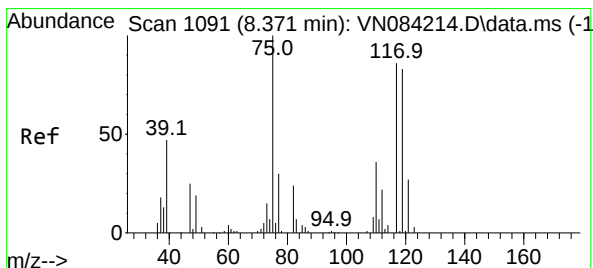
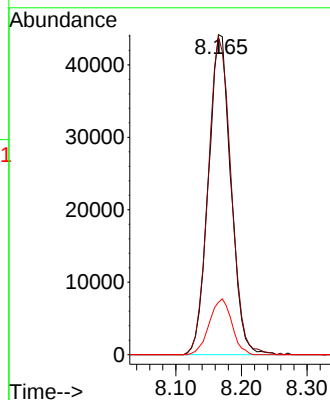
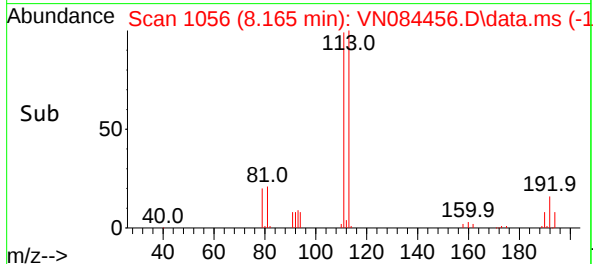


#35
Dibromofluoromethane
Concen: 50.766 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN084456.D
Acq: 22 Oct 2024 15:33

Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-190-TB-20241018

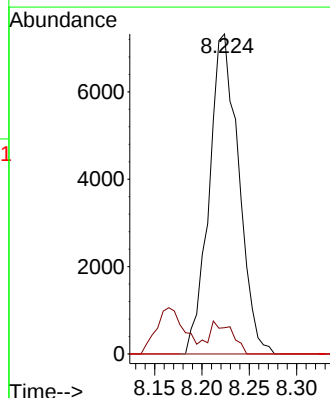
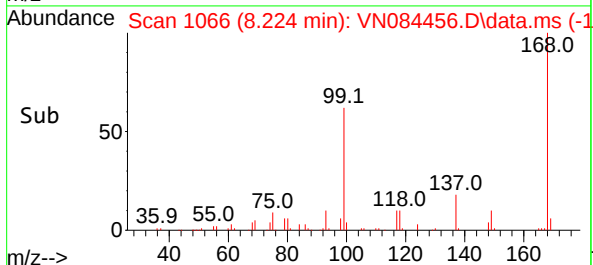
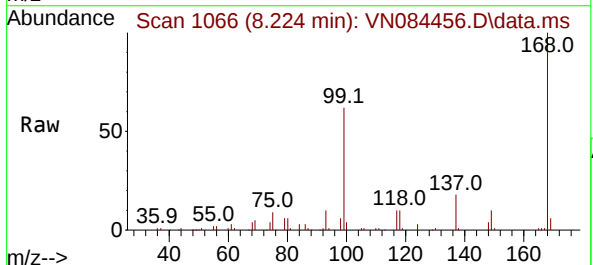


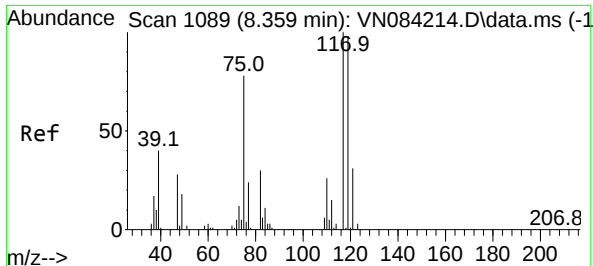
Tgt Ion:113 Resp: 105226
Ion Ratio Lower Upper
113 100
111 101.5 83.3 124.9
192 17.5 13.5 20.3



#36
1,1-Dichloropropene
Concen: 5.282 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.147 min
Lab File: VN084456.D
Acq: 22 Oct 2024 15:33

Tgt Ion: 75 Resp: 15902
Ion Ratio Lower Upper
75 100
110 8.2 16.9 50.7#
77 0.0 24.7 37.1#

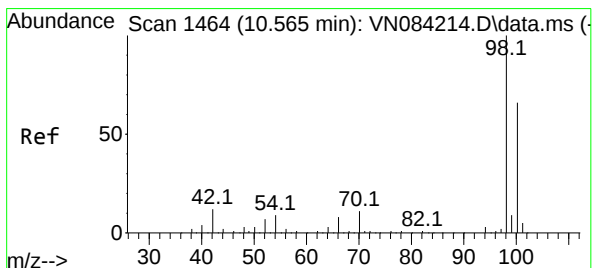
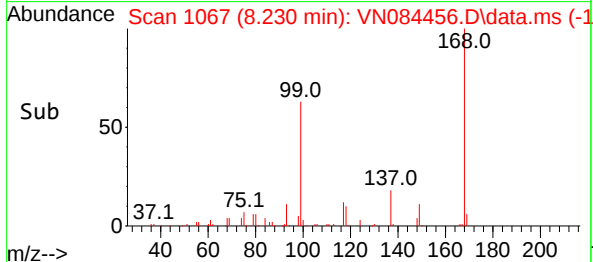
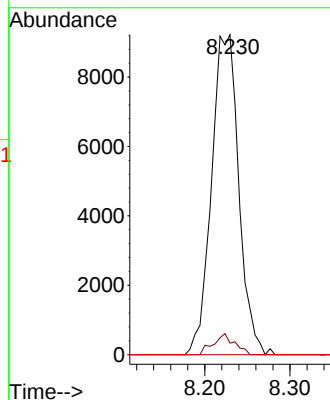
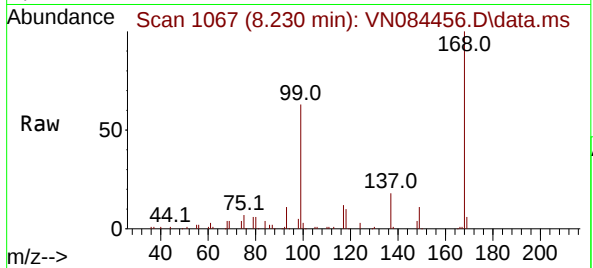




#38
Carbon Tetrachloride
Concen: 6.214 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.129 min
Lab File: VN084456.D
Acq: 22 Oct 2024 15:33

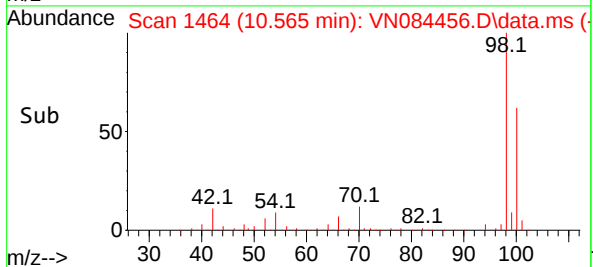
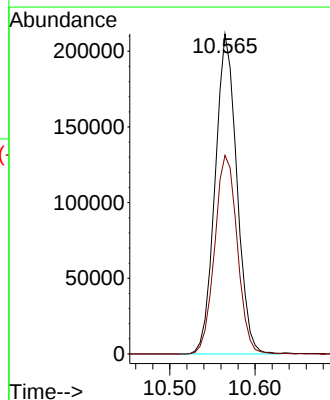
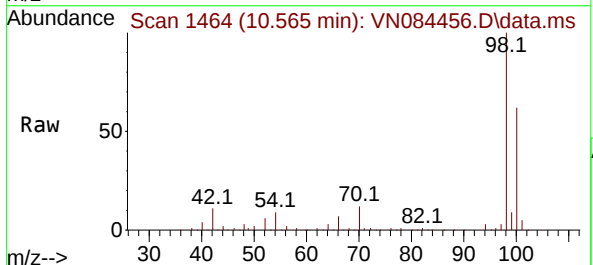
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BP-VPB-190-TB-20241018

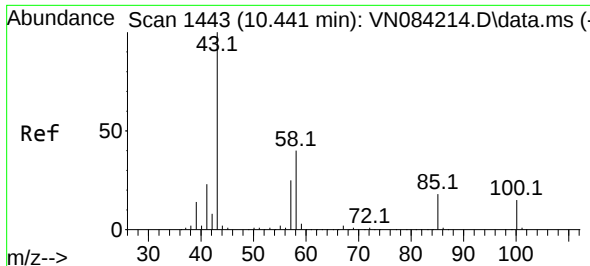
Tgt Ion:117 Resp: 20521
Ion Ratio Lower Upper
117 100
119 3.6 78.7 118.1#
121 0.0 24.4 36.6#



#50
Toluene-d8
Concen: 49.102 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VN084456.D
Acq: 22 Oct 2024 15:33

Tgt Ion: 98 Resp: 374449
Ion Ratio Lower Upper
98 100
100 64.6 52.7 79.1

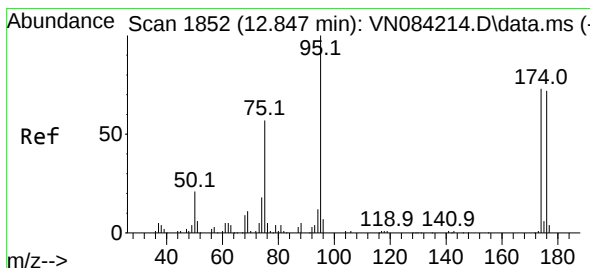
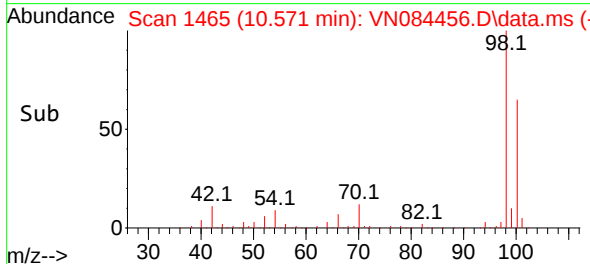
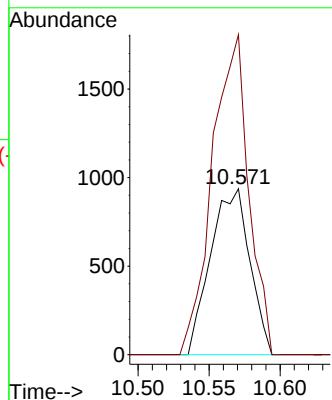
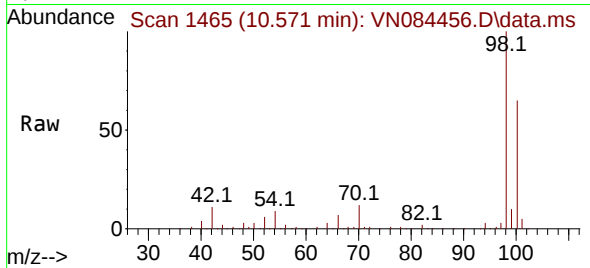




#51
4-Methyl-2-Pentanone
Concen: 0.613 ug/l
RT: 10.571 min Scan# 1443
Delta R.T. 0.129 min
Lab File: VN084456.D
Acq: 22 Oct 2024 15:33

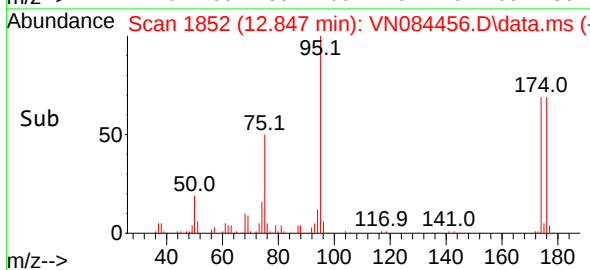
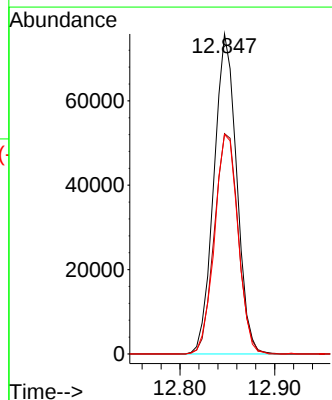
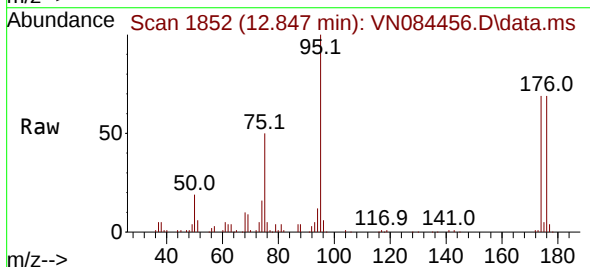
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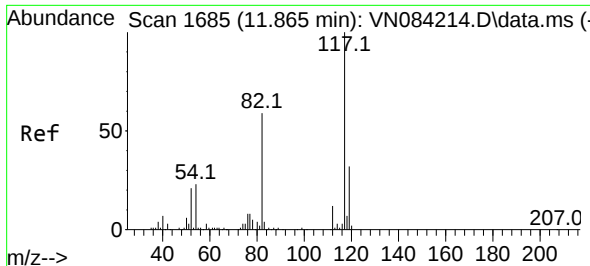
Tgt Ion: 43 Resp: 1802
Ion Ratio Lower Upper
43 100
58 178.9 31.6 47.4#



#62
4-Bromofluorobenzene
Concen: 45.579 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN084456.D
Acq: 22 Oct 2024 15:33

Tgt Ion: 95 Resp: 126627
Ion Ratio Lower Upper
95 100
174 72.3 0.0 145.2
176 70.8 0.0 140.0

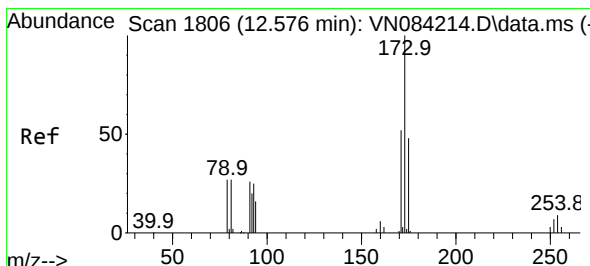
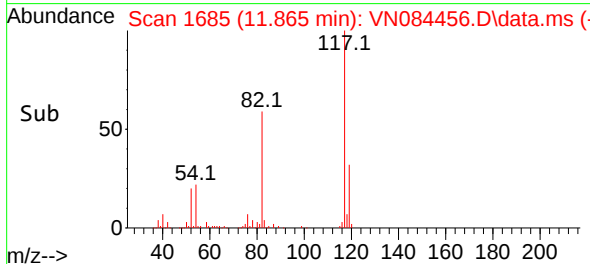
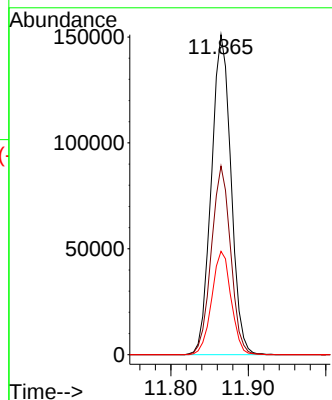
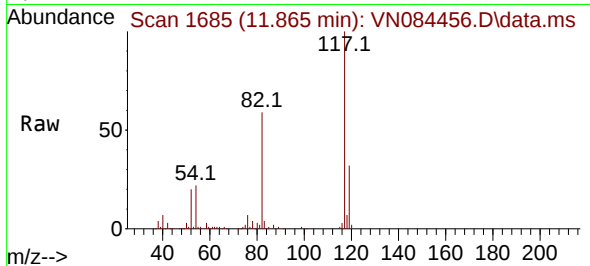




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN084456.D
Acq: 22 Oct 2024 15:33

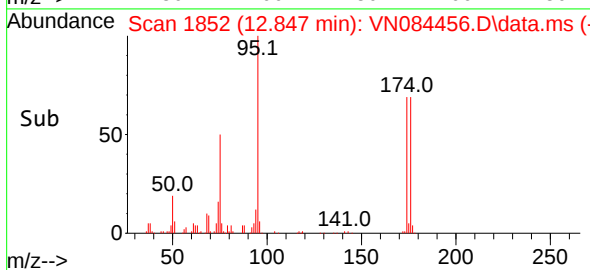
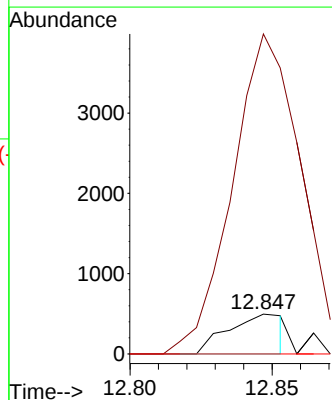
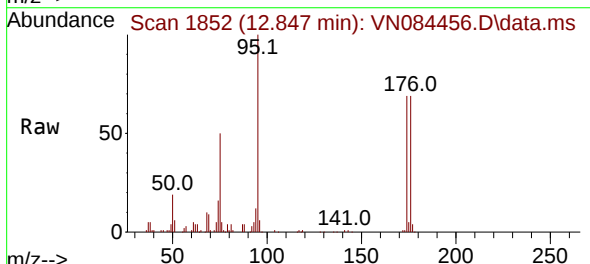
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-190-TB-20241018

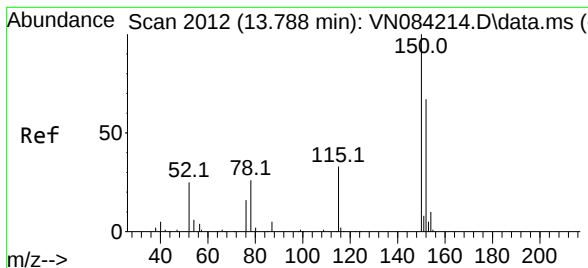
Tgt Ion:117 Resp: 266392
Ion Ratio Lower Upper
117 100
82 58.9 47.2 70.8
119 32.3 25.4 38.0



#71
Bromoform
Concen: 0.453 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.271 min
Lab File: VN084456.D
Acq: 22 Oct 2024 15:33

Tgt Ion:173 Resp: 678
Ion Ratio Lower Upper
173 100
175 736.3 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: VN084456.D

Acq: 22 Oct 2024 15:33

Instrument :

MSVOA_N

ClientSampleId :

BP-VPB-190-TB-20241018

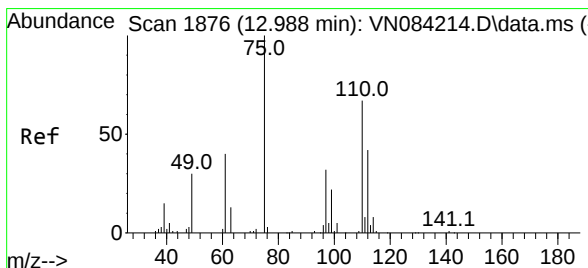
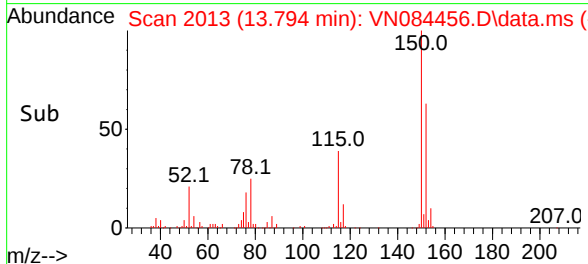
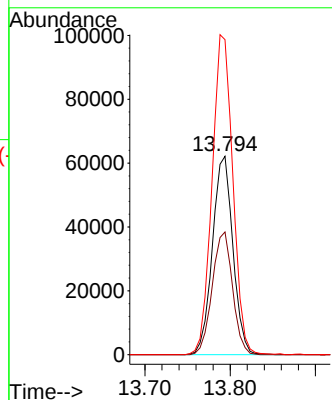
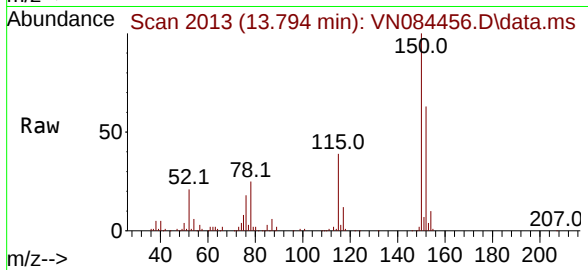
Tgt Ion:152 Resp: 103875

Ion Ratio Lower Upper

152 100

115 61.1 31.3 93.9

150 163.3 0.0 349.8



#76

1,2,3-Trichloropropane

Concen: 30.457 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. -0.141 min

Lab File: VN084456.D

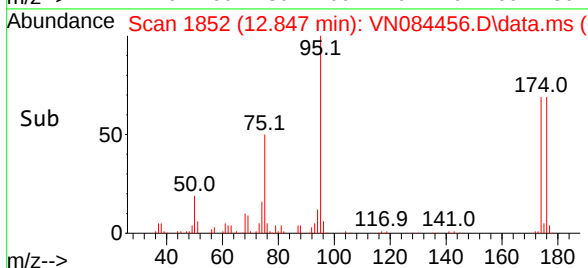
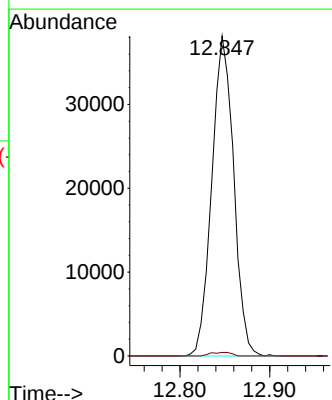
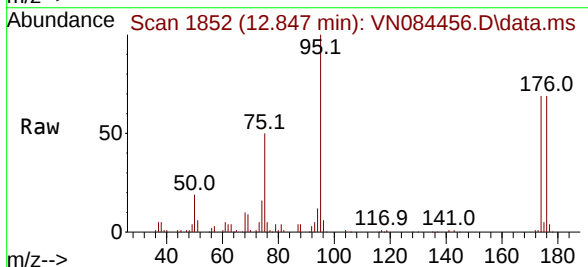
Acq: 22 Oct 2024 15:33

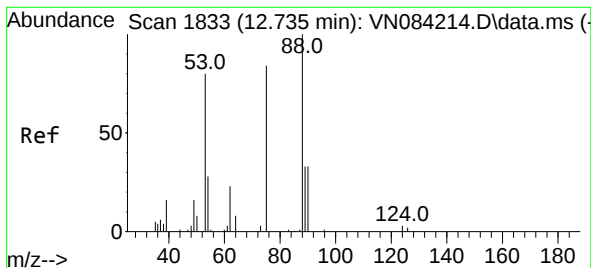
Tgt Ion: 75 Resp: 64588

Ion Ratio Lower Upper

75 100

77 1.1 96.9 290.7#

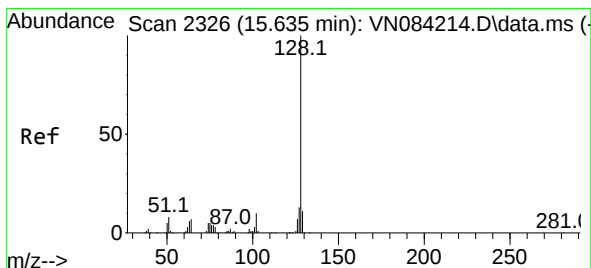
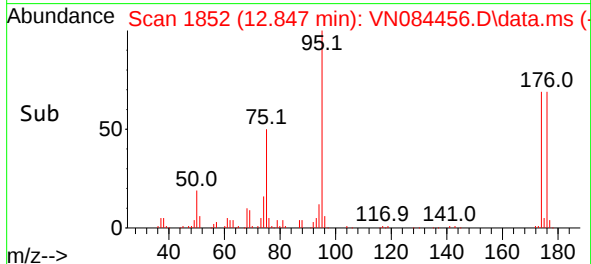
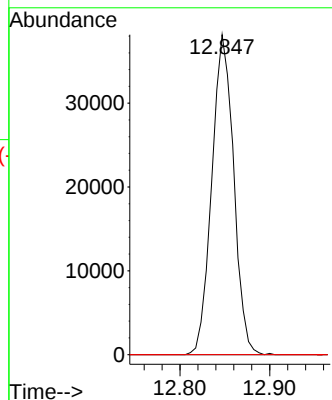
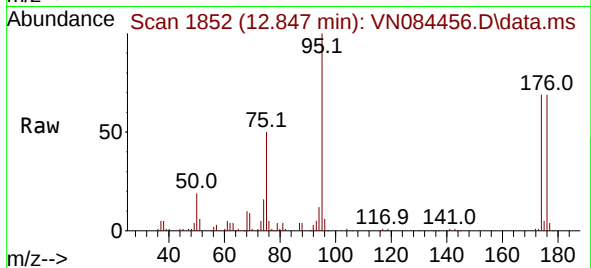




#81
trans-1,4-Dichloro-2-butene
Concen: 73.019 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.112 min
Lab File: VN084456.D
Acq: 22 Oct 2024 15:33

Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-190-TB-20241018

Tgt Ion: 75 Resp: 64588
Ion Ratio Lower Upper
75 100
53 0.0 78.0 117.0#
89 0.0 35.5 53.3#



#95
Naphthalene
Concen: 0.224 ug/l
RT: 15.635 min Scan# 2326
Delta R.T. -0.000 min
Lab File: VN084456.D
Acq: 22 Oct 2024 15:33

Tgt Ion: 128 Resp: 1289
Ion Ratio Lower Upper
128 100
127 0.0 10.5 15.7#
129 0.0 8.7 13.1#

