

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102524\
 Data File : VN084525.D
 Acq On : 25 Oct 2024 18:49
 Operator : JC\MD
 Sample : P4550-05
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 BP-VPB-190-GW-318-320

Quant Time: Oct 25 23:38:13 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	132840	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	246729	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	211932	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	84516	50.000	ug/l	0.00

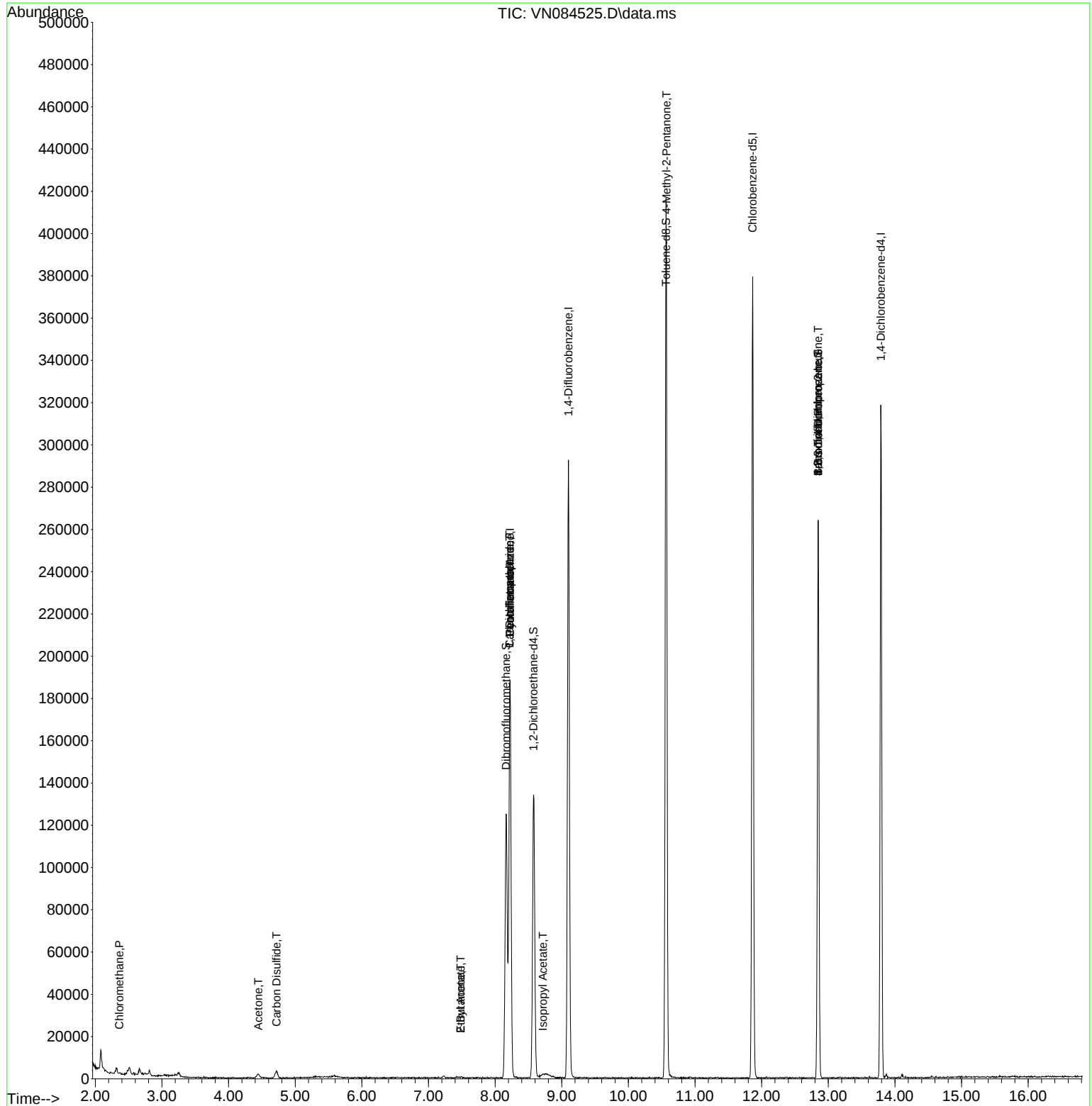
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	115498	58.640	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	117.280%
35) Dibromofluoromethane	8.165	113	90200	55.453	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	110.900%
50) Toluene-d8	10.565	98	287073	47.970	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	95.940%
62) 4-Bromofluorobenzene	12.847	95	91662	42.043	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	84.080%

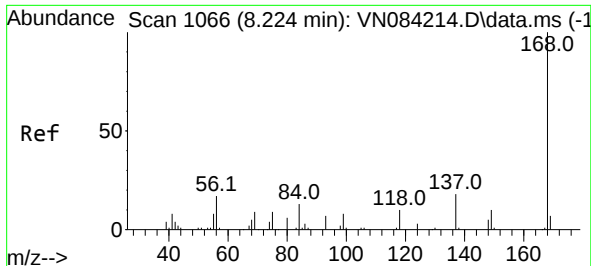
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	2.359	50	626	0.349	ug/l #	41
16) Acetone	4.448	43	3457	4.086	ug/l	93
17) Carbon Disulfide	4.718	76	7509	1.586	ug/l	99
25) 2-Butanone	7.483	43	860	0.746	ug/l #	48
31) Cyclohexane	8.224	56	3020	1.035	ug/l #	1
36) 1,1-Dichloropropene	8.218	75	11862	5.021	ug/l #	49
37) Ethyl Acetate	7.483	43	860	0.355	ug/l #	69
38) Carbon Tetrachloride	8.218	117	14807	5.713	ug/l #	17
43) Isopropyl Acetate	8.718	43	1485	0.313	ug/l #	56
51) 4-Methyl-2-Pentanone	10.571	43	1288	0.558	ug/l #	1
71) Bromoform	12.847	173	775	0.650	ug/l #	1
76) 1,2,3-Trichloropropane	12.847	75	47866	27.742	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	47866	66.509	ug/l #	11

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

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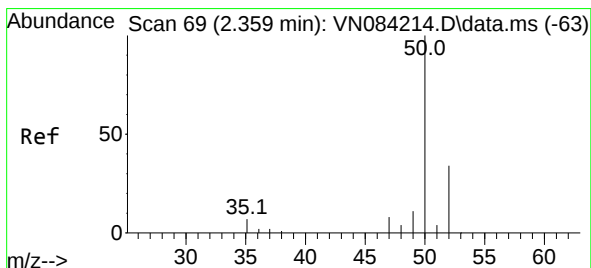
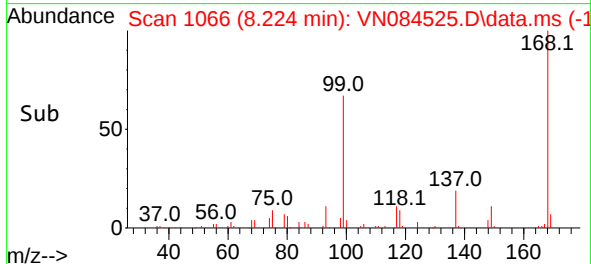
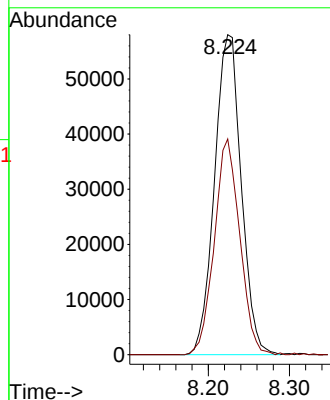
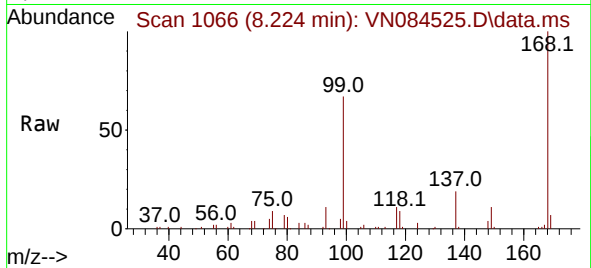




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN084525.D
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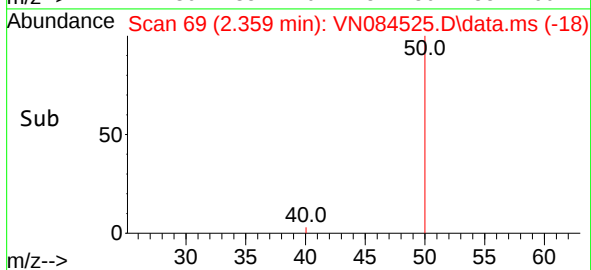
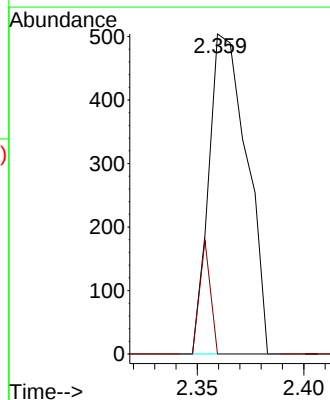
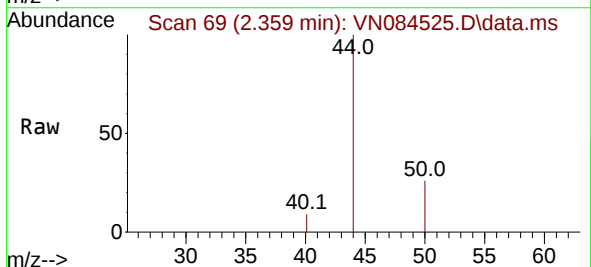
Instrument :
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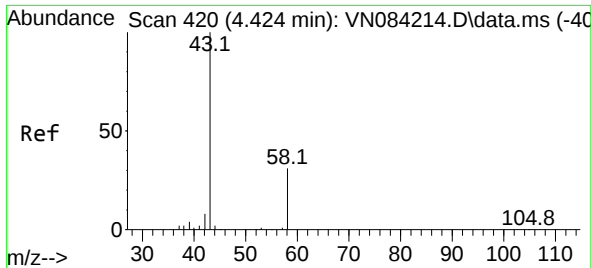
Tgt Ion:168 Resp: 132840
Ion Ratio Lower Upper
168 100
99 67.4 54.2 81.2



#3
Chloromethane
Concen: 0.349 ug/l
RT: 2.359 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN084525.D
Acq: 25 Oct 2024 18:49

Tgt Ion: 50 Resp: 626
Ion Ratio Lower Upper
50 100
52 0.0 26.8 40.2#

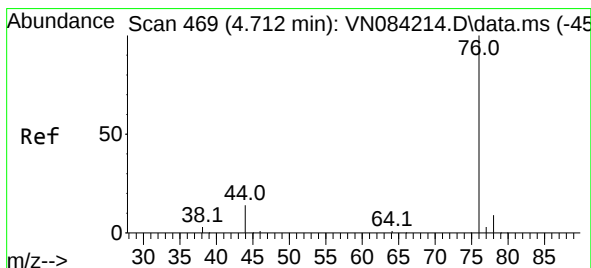
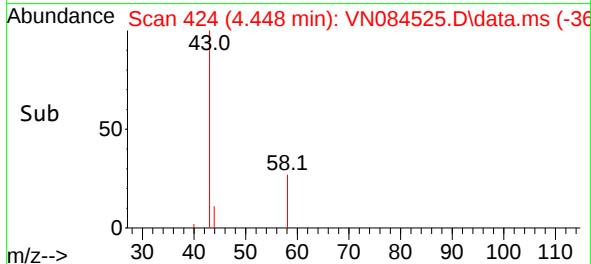
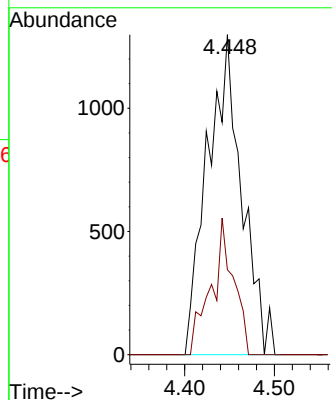
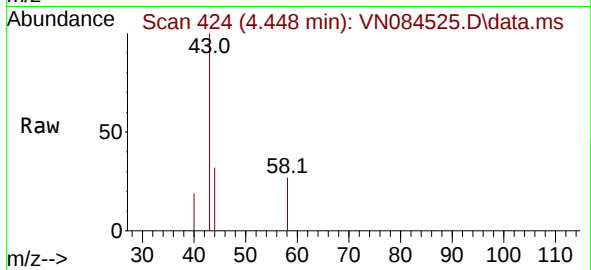




#16
Acetone
Concen: 4.086 ug/l
RT: 4.448 min Scan# 41
Delta R.T. 0.024 min
Lab File: VN084525.D
Acq: 25 Oct 2024 18:49

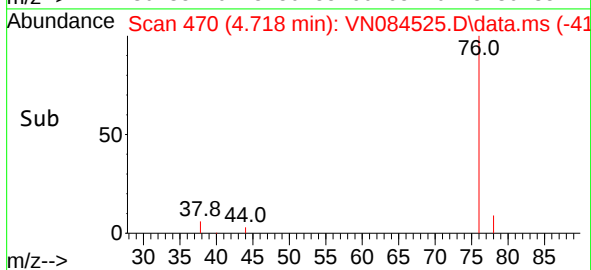
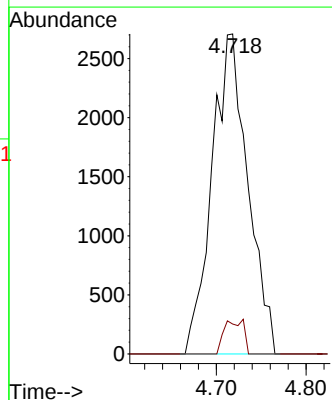
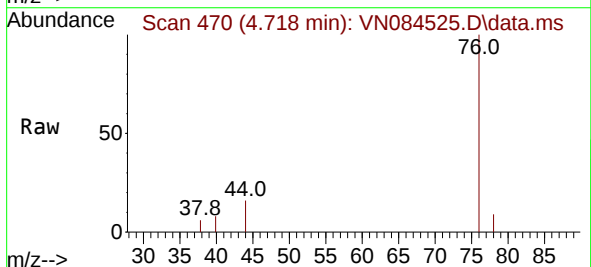
Instrument :
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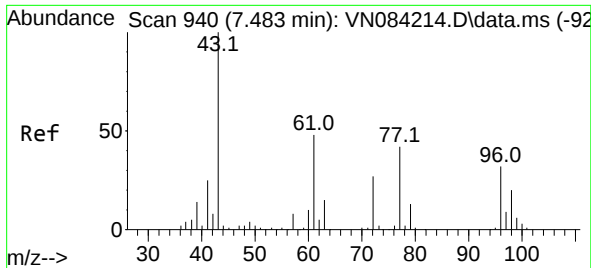
Tgt Ion: 43 Resp: 3457
Ion Ratio Lower Upper
43 100
58 26.6 24.4 36.6



#17
Carbon Disulfide
Concen: 1.586 ug/l
RT: 4.718 min Scan# 470
Delta R.T. 0.006 min
Lab File: VN084525.D
Acq: 25 Oct 2024 18:49

Tgt Ion: 76 Resp: 7509
Ion Ratio Lower Upper
76 100
78 9.4 7.3 10.9

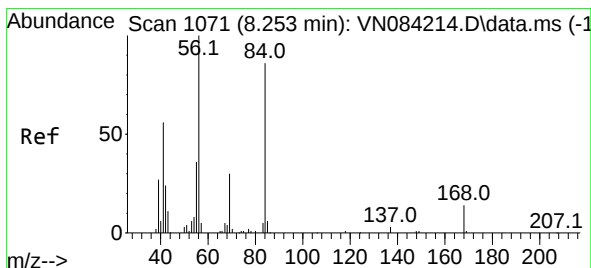
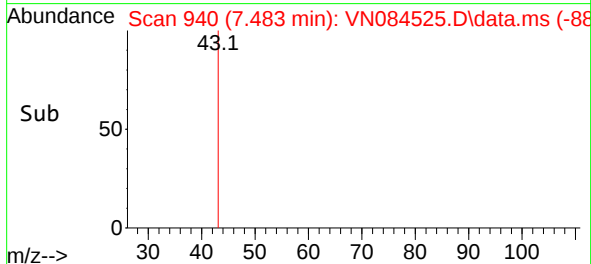
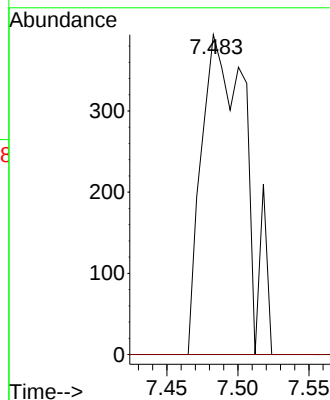
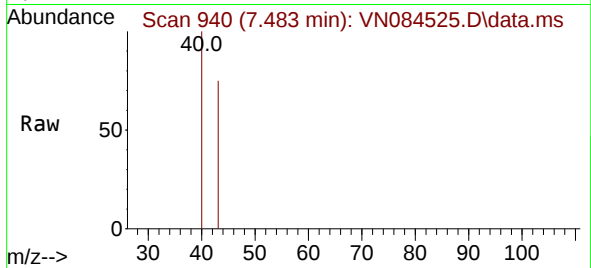




#25
2-Butanone
Concen: 0.746 ug/l
RT: 7.483 min Scan# 940
Delta R.T. 0.000 min
Lab File: VN084525.D
Acq: 25 Oct 2024 18:49

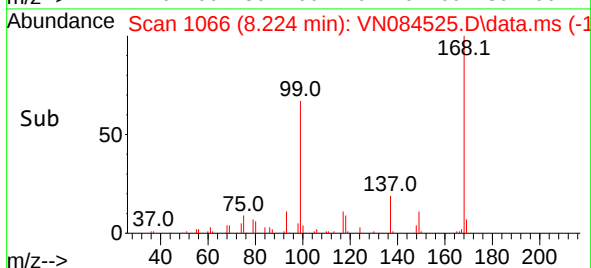
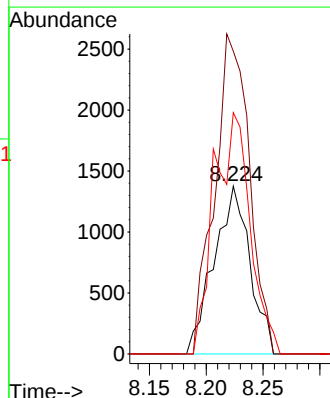
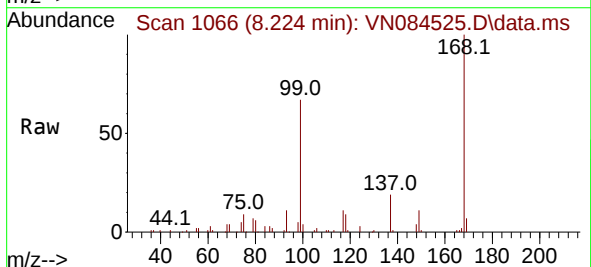
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-190-GW-318-320

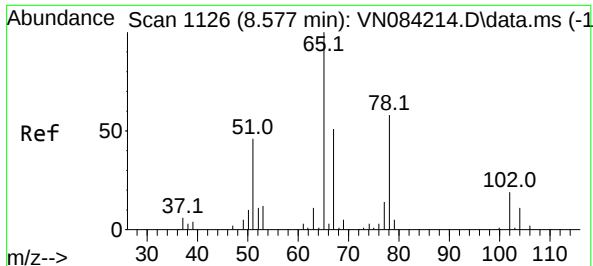
Tgt Ion: 43 Resp: 860
Ion Ratio Lower Upper
43 100
72 0.0 21.4 32.2#



#31
Cyclohexane
Concen: 1.035 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.029 min
Lab File: VN084525.D
Acq: 25 Oct 2024 18:49

Tgt Ion: 56 Resp: 3020
Ion Ratio Lower Upper
56 100
69 180.4 23.8 35.6#
84 143.8 68.8 103.2#

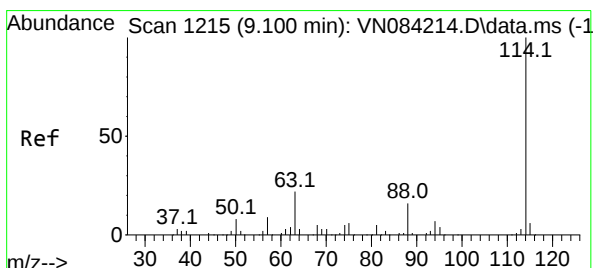
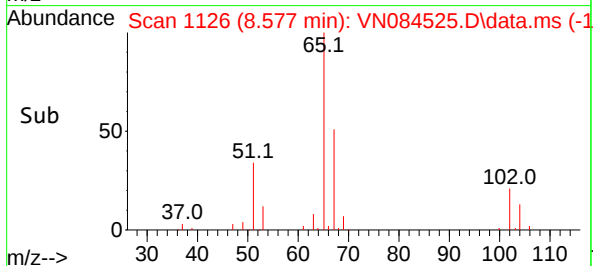
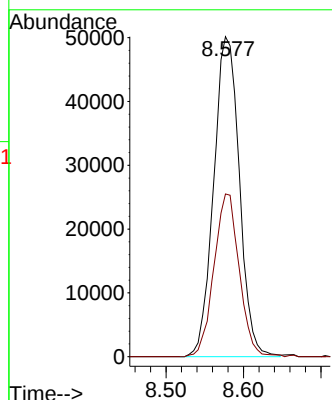
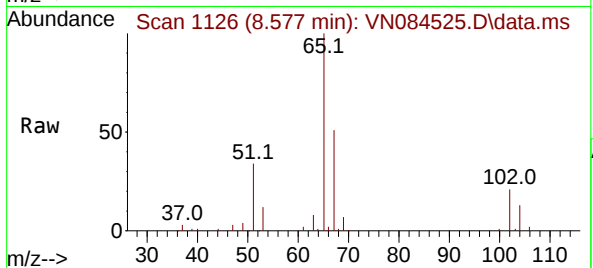




#33
 1,2-Dichloroethane-d4
 Concen: 58.640 ug/l
 RT: 8.577 min Scan# 1126
 Delta R.T. 0.000 min
 Lab File: VN084525.D
 Acq: 25 Oct 2024 18:49

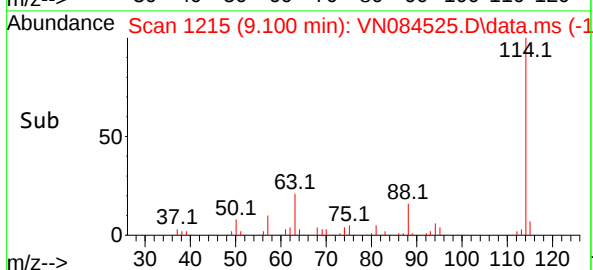
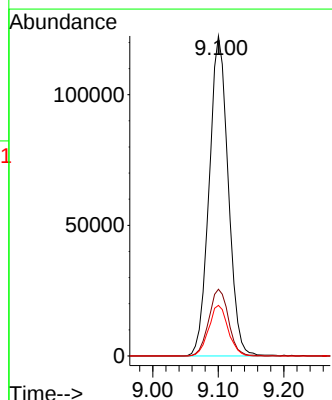
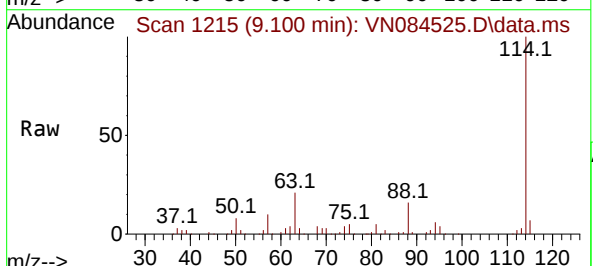
Instrument :
 MSVOA_N
 ClientSampleId :
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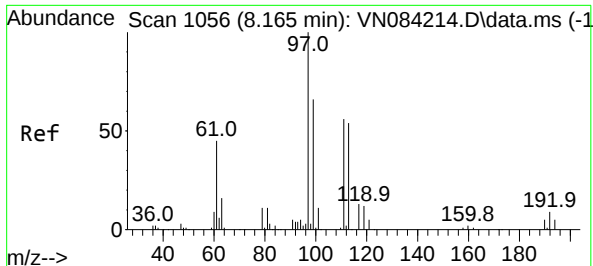
Tgt Ion: 65 Resp: 115498
 Ion Ratio Lower Upper
 65 100
 67 50.0 0.0 102.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.100 min Scan# 1215
 Delta R.T. 0.000 min
 Lab File: VN084525.D
 Acq: 25 Oct 2024 18:49

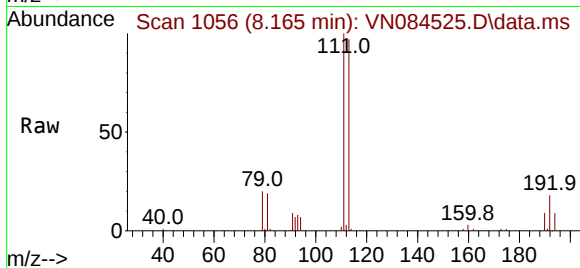
Tgt Ion: 114 Resp: 246729
 Ion Ratio Lower Upper
 114 100
 63 20.9 0.0 43.8
 88 15.8 0.0 31.6



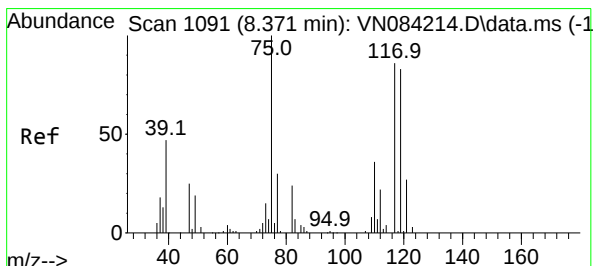
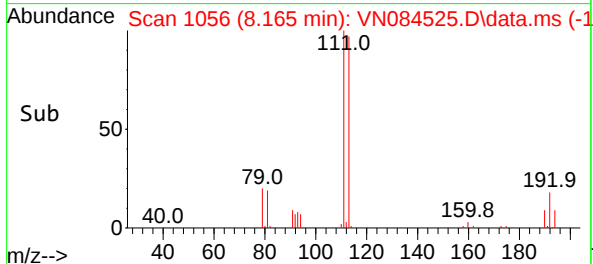
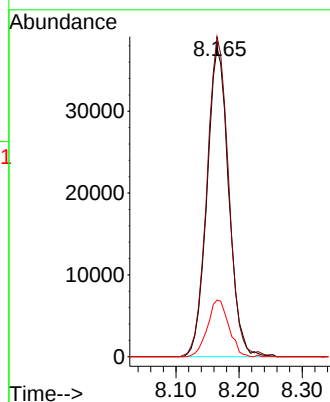


#35
Dibromofluoromethane
Concen: 55.453 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN084525.D
Acq: 25 Oct 2024 18:49

Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-190-GW-318-320

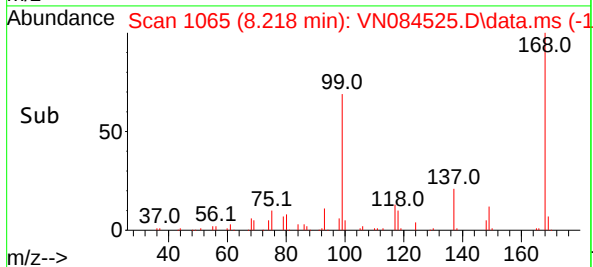
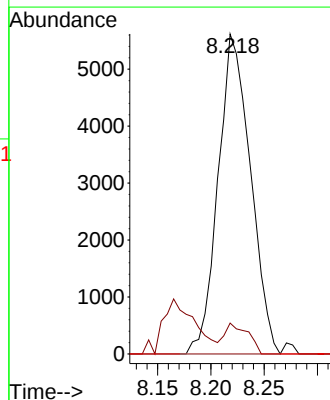
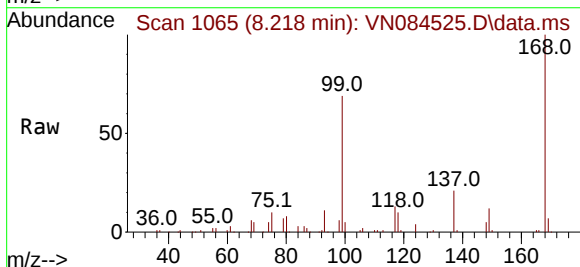


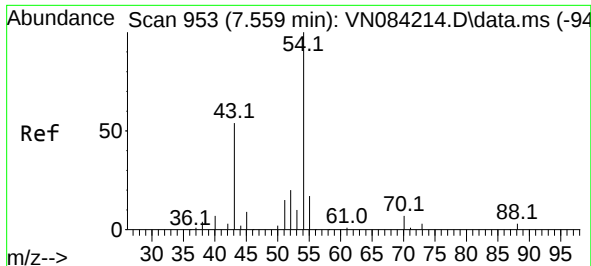
Tgt Ion:113 Resp: 90200
Ion Ratio Lower Upper
113 100
111 103.7 83.3 124.9
192 18.0 13.5 20.3



#36
1,1-Dichloropropene
Concen: 5.021 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.153 min
Lab File: VN084525.D
Acq: 25 Oct 2024 18:49

Tgt Ion: 75 Resp: 11862
Ion Ratio Lower Upper
75 100
110 6.9 16.9 50.7#
77 0.0 24.7 37.1#





#37

Ethyl Acetate

Concen: 0.355 ug/l

RT: 7.483 min Scan# 94

Delta R.T. -0.076 min

Lab File: VN084525.D

Acq: 25 Oct 2024 18:49

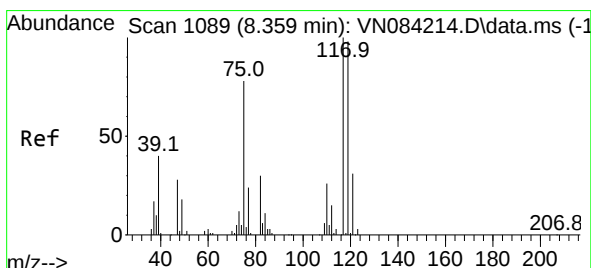
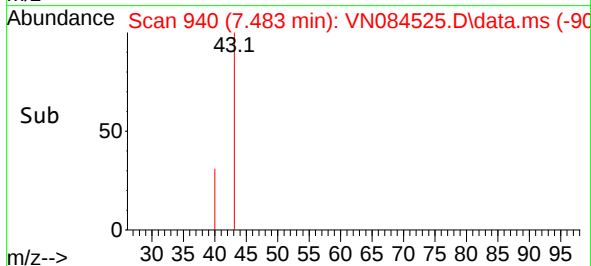
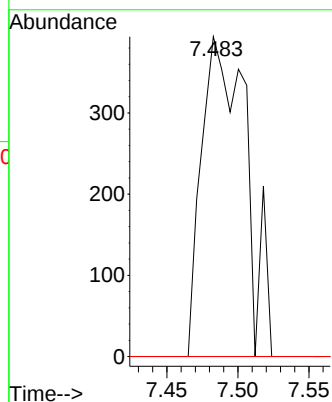
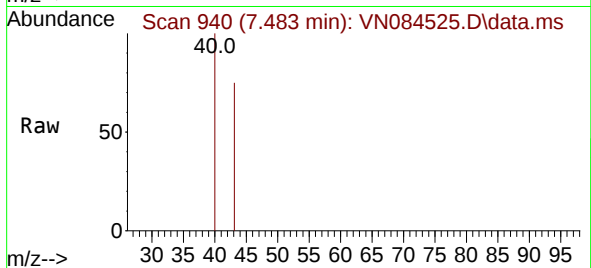
Instrument :

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Tgt Ion:	43	Resp:	860
Ion	Ratio	Lower	Upper
43	100		
61	0.0	10.7	16.1#
70	0.0	8.8	13.2#



#38

Carbon Tetrachloride

Concen: 5.713 ug/l

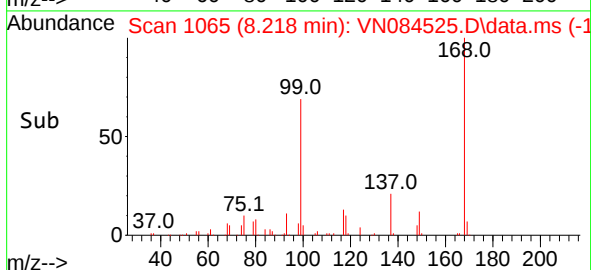
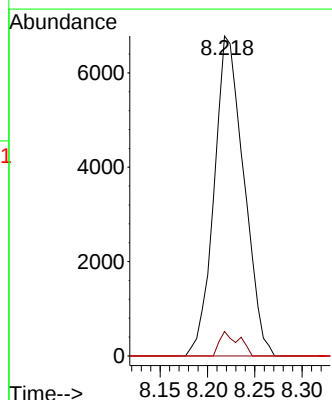
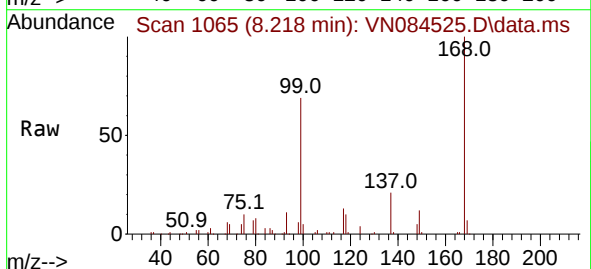
RT: 8.218 min Scan# 1065

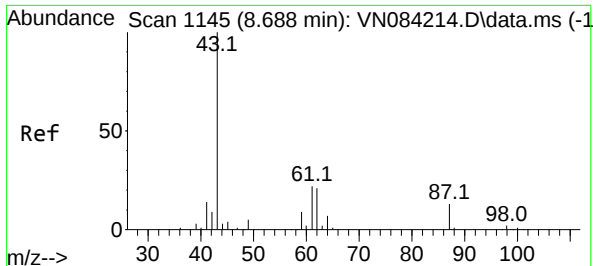
Delta R.T. -0.141 min

Lab File: VN084525.D

Acq: 25 Oct 2024 18:49

Tgt Ion:	117	Resp:	14807
Ion	Ratio	Lower	Upper
117	100		
119	7.7	78.7	118.1#
121	0.0	24.4	36.6#

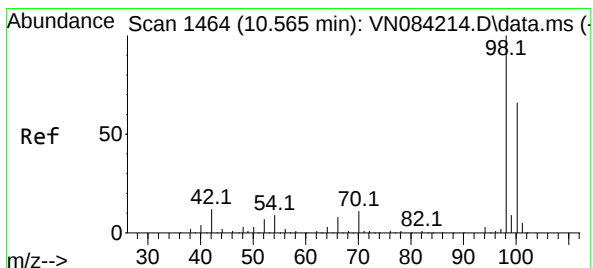
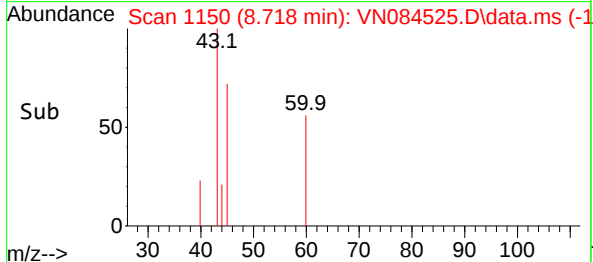
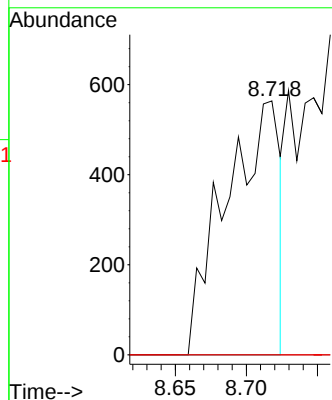
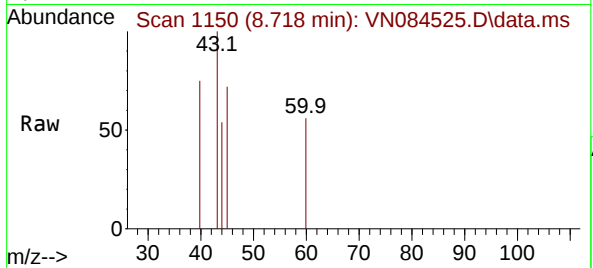




#43
Isopropyl Acetate
Concen: 0.313 ug/l
RT: 8.718 min Scan# 1145
Delta R.T. 0.030 min
Lab File: VN084525.D
Acq: 25 Oct 2024 18:49

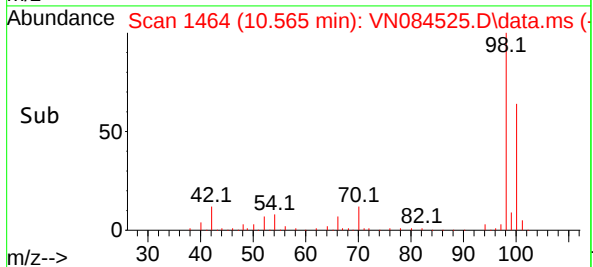
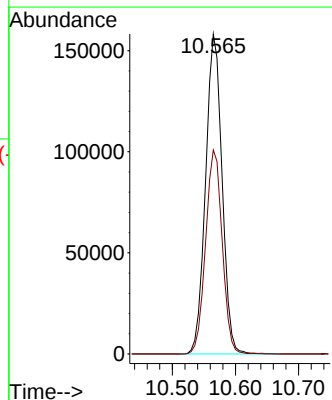
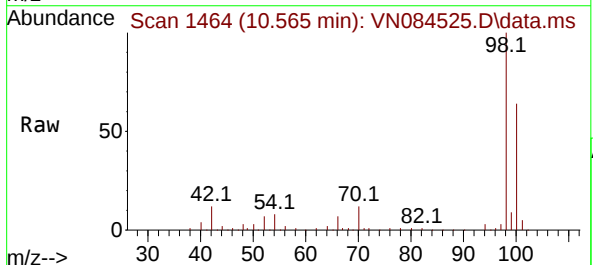
Instrument :
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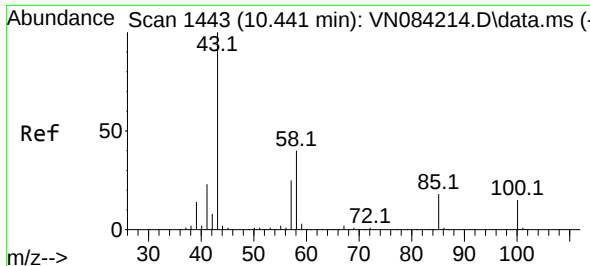
Tgt Ion: 43 Resp: 1485
Ion Ratio Lower Upper
43 100
61 0.0 20.4 30.6#
87 0.0 10.3 15.5#



#50
Toluene-d8
Concen: 47.970 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VN084525.D
Acq: 25 Oct 2024 18:49

Tgt Ion: 98 Resp: 287073
Ion Ratio Lower Upper
98 100
100 64.1 52.7 79.1





#51

4-Methyl-2-Pentanone

Concen: 0.558 ug/l

RT: 10.571 min Scan# 1443

Delta R.T. 0.129 min

Lab File: VN084525.D

Acq: 25 Oct 2024 18:49

Instrument :

MSVOA_N

ClientSampleId :

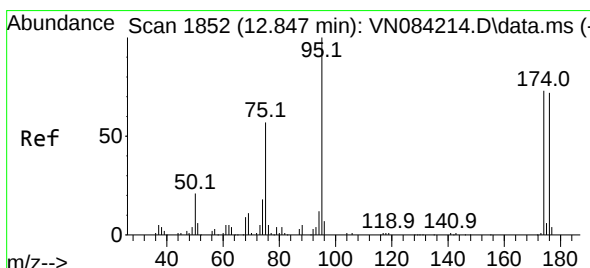
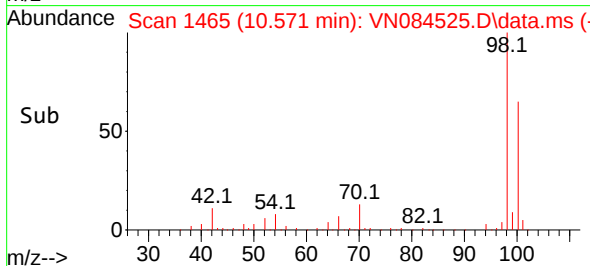
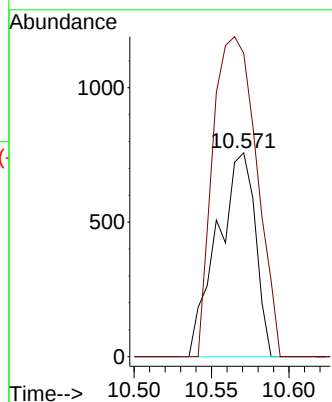
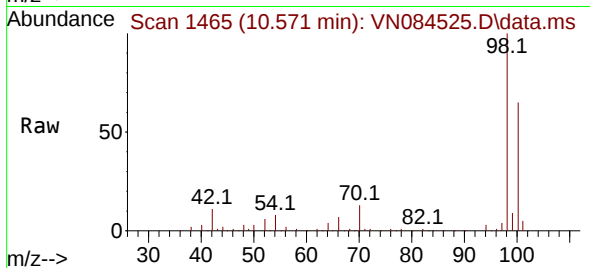
BP-VPB-190-GW-318-320

Tgt Ion: 43 Resp: 1288

Ion Ratio Lower Upper

43 100

58 180.6 31.6 47.4#



#62

4-Bromofluorobenzene

Concen: 42.043 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. 0.000 min

Lab File: VN084525.D

Acq: 25 Oct 2024 18:49

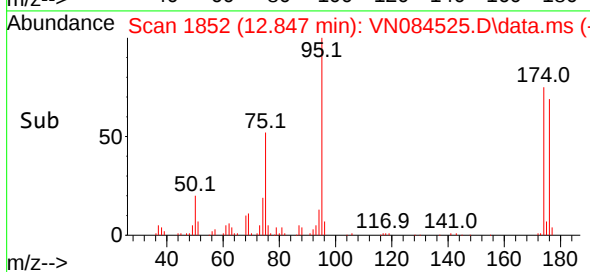
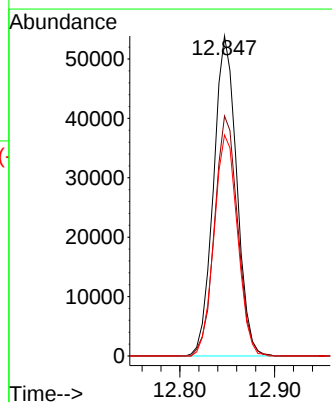
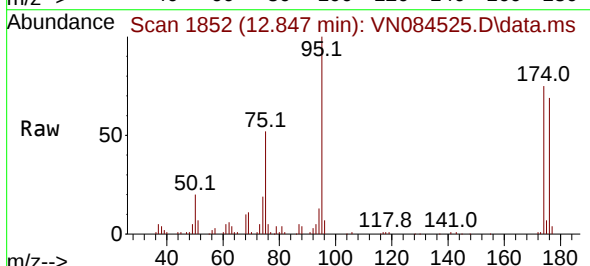
Tgt Ion: 95 Resp: 91662

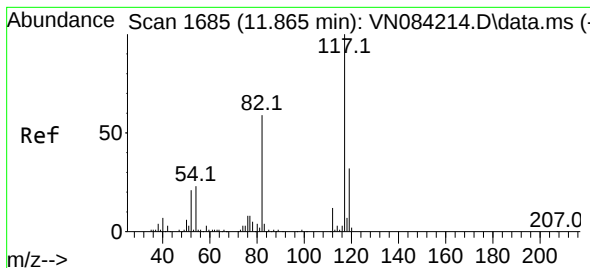
Ion Ratio Lower Upper

95 100

174 75.0 0.0 145.2

176 70.0 0.0 140.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.865 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN084525.D

Acq: 25 Oct 2024 18:49

Instrument :

MSVOA_N

ClientSampleId :

BP-VPB-190-GW-318-320

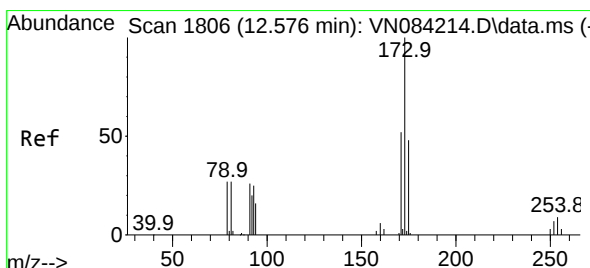
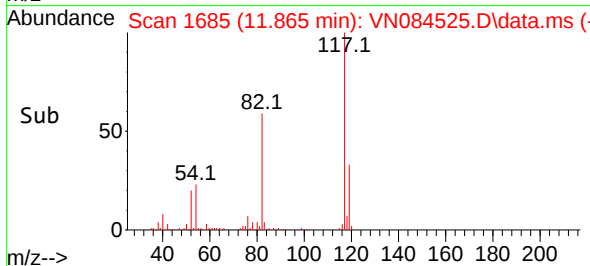
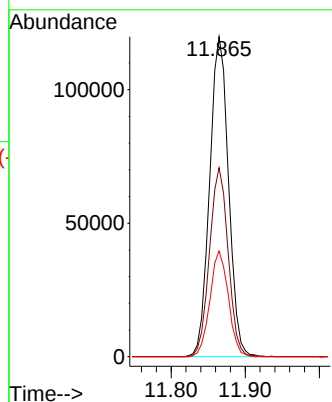
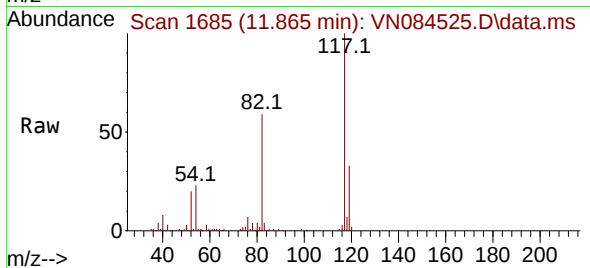
Tgt Ion:117 Resp: 211932

Ion Ratio Lower Upper

117 100

82 59.1 47.2 70.8

119 33.0 25.4 38.0



#71

Bromoform

Concen: 0.650 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. 0.271 min

Lab File: VN084525.D

Acq: 25 Oct 2024 18:49

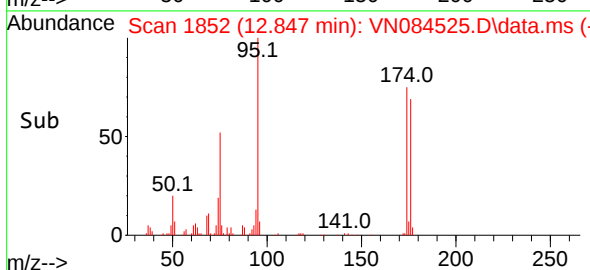
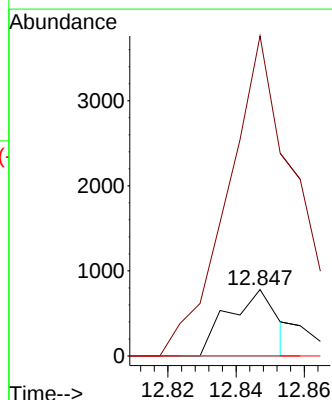
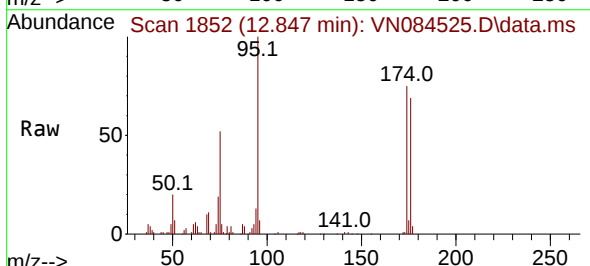
Tgt Ion:173 Resp: 775

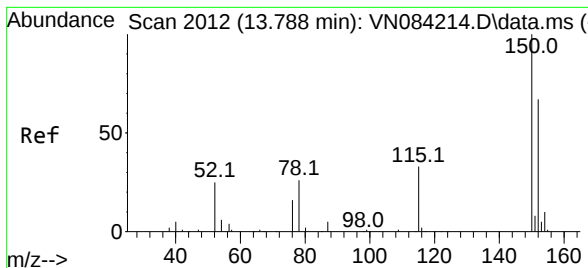
Ion Ratio Lower Upper

173 100

175 512.4 23.5 70.6#

254 0.0 0.0 0.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.788 min Scan# 2012

Delta R.T. 0.000 min

Lab File: VN084525.D

Acq: 25 Oct 2024 18:49

Instrument :

MSVOA_N

ClientSampleId :

BP-VPB-190-GW-318-320

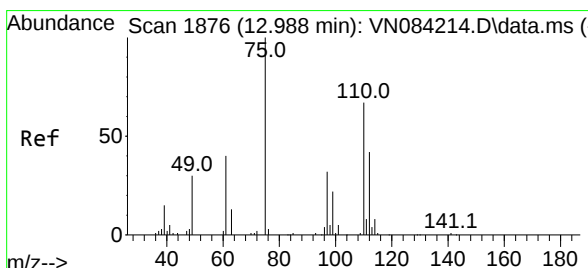
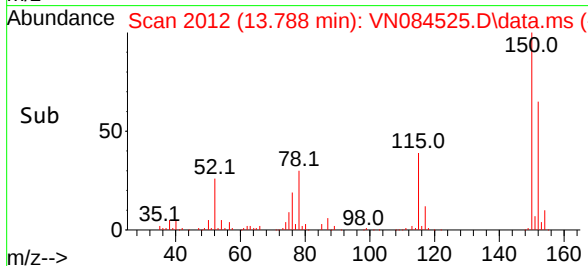
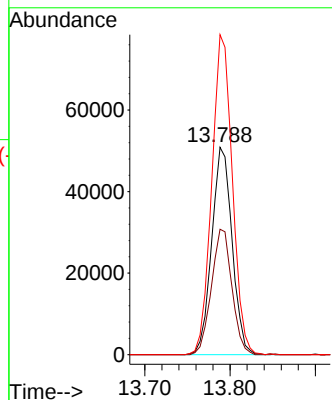
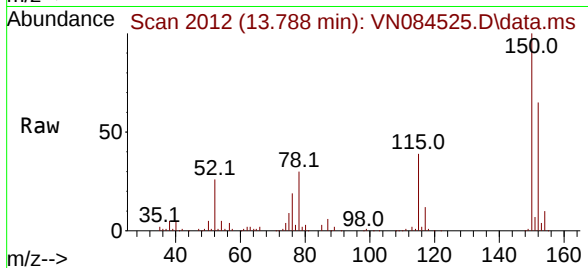
Tgt Ion:152 Resp: 84516

Ion Ratio Lower Upper

152 100

115 60.7 31.3 93.9

150 155.5 0.0 349.8



#76

1,2,3-Trichloropropane

Concen: 27.742 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. -0.141 min

Lab File: VN084525.D

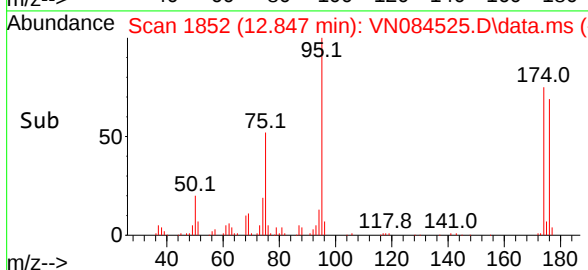
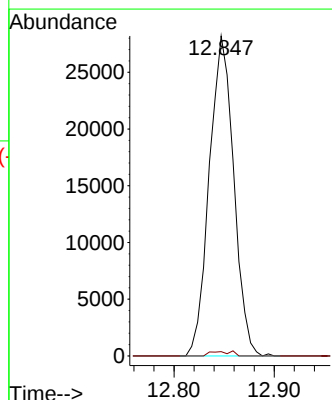
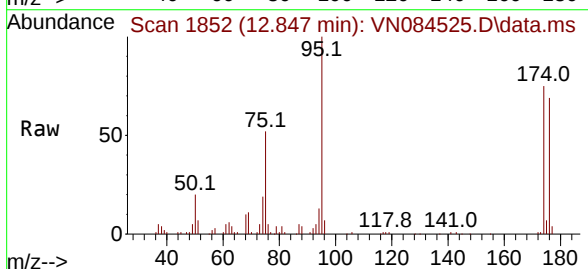
Acq: 25 Oct 2024 18:49

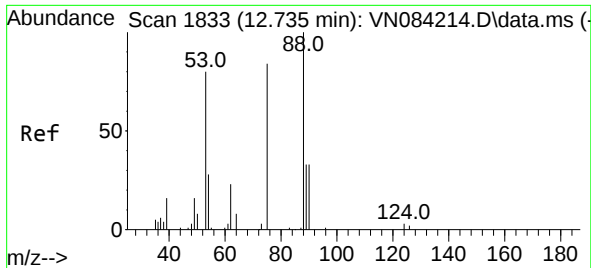
Tgt Ion: 75 Resp: 47866

Ion Ratio Lower Upper

75 100

77 1.3 96.9 290.7#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 66.509 ug/l
 RT: 12.847 min Scan# 11
 Delta R.T. 0.112 min
 Lab File: VN084525.D
 Acq: 25 Oct 2024 18:49

Instrument :
 MSVOA_N
 ClientSampleId :
 BP-VPB-190-GW-318-320

Tgt Ion: 75 Resp: 47866
 Ion Ratio Lower Upper
 75 100
 53 0.0 78.0 117.0#
 89 0.0 35.5 53.3#

