

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 :

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)

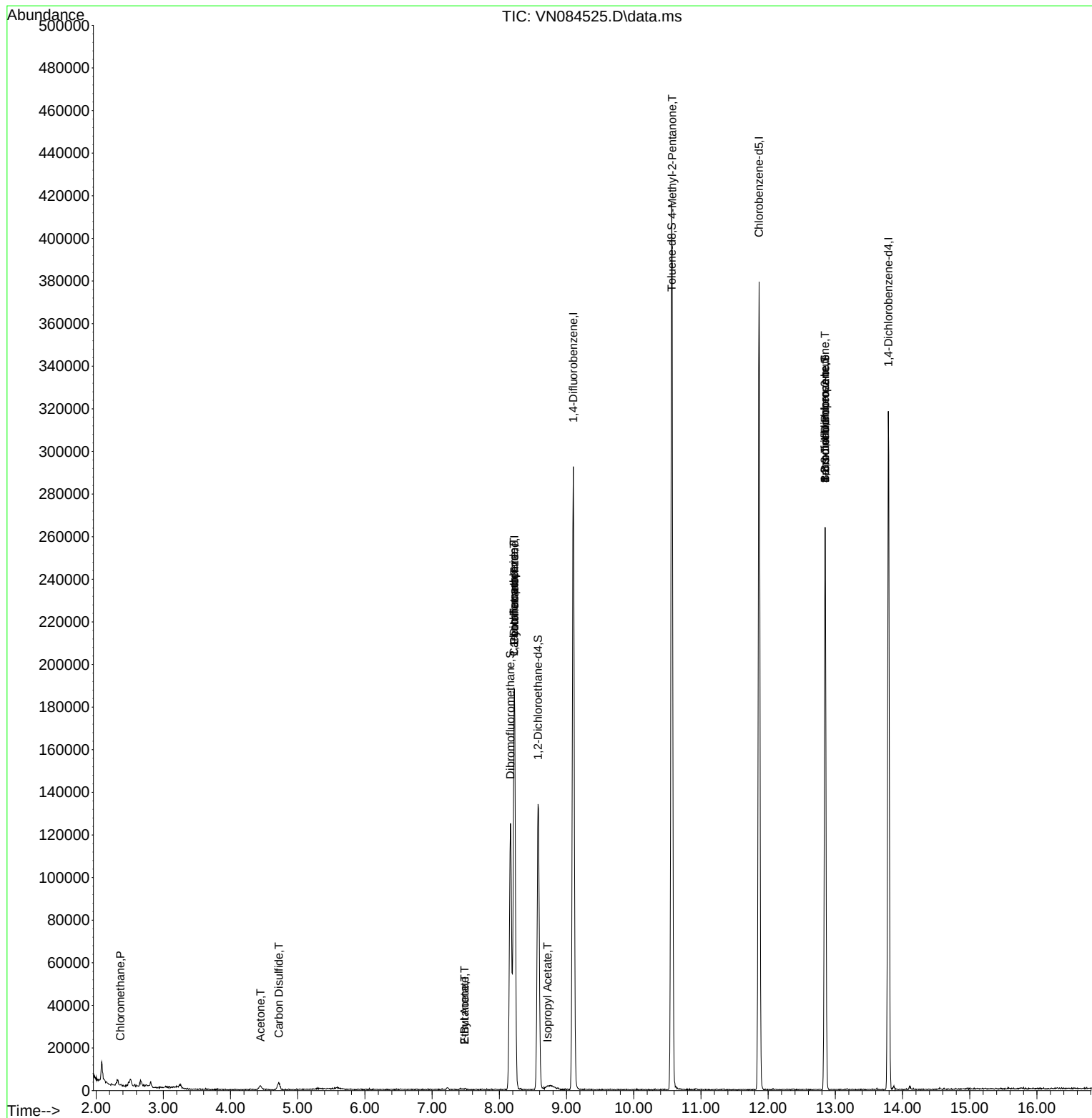
Internal Standards						
1) Pentafluorobenzene	8.224	168	132840	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	246729	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	211932	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	84516	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	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						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

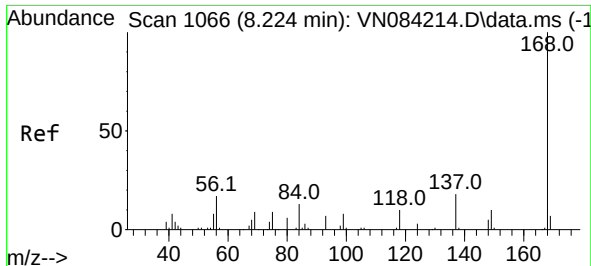
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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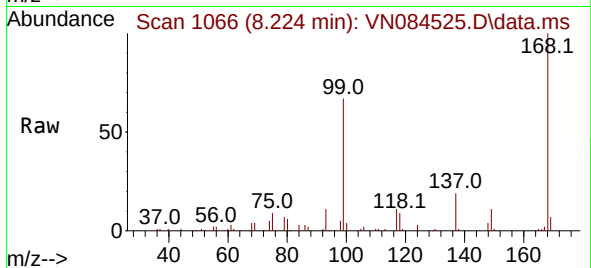
Quant Time: Oct 25 23:38:13 2024
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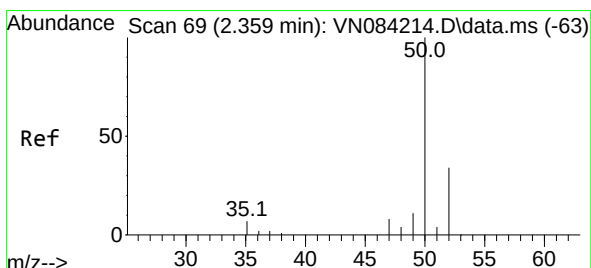
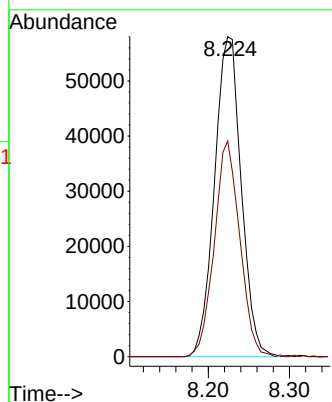
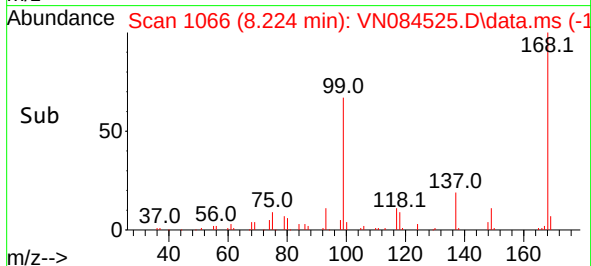


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN084525.D
Acq: 25 Oct 2024 18:49

Instrument :
MSVOA_N
ClientSampleId :

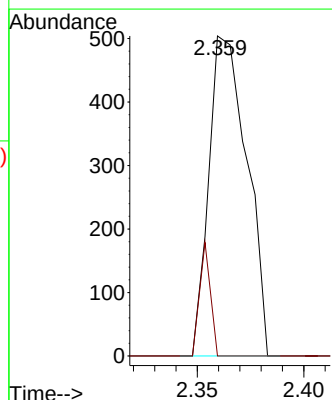
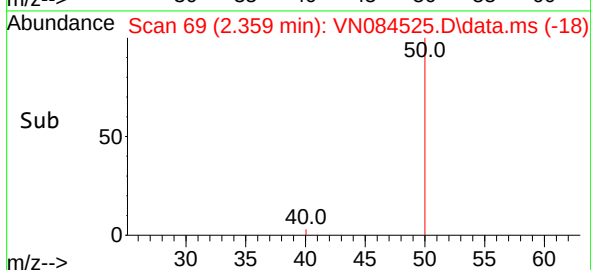
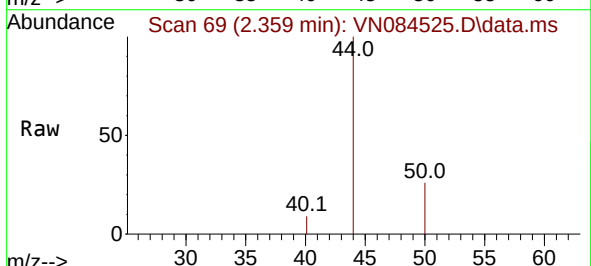


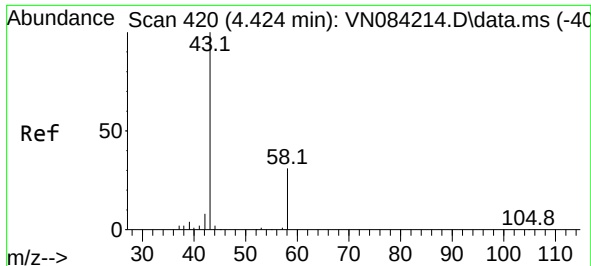
Tgt Ion:168 Resp: 132840
Ion Ratio Lower Upper
168 100
99 67.4 54.2 81.2



#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#

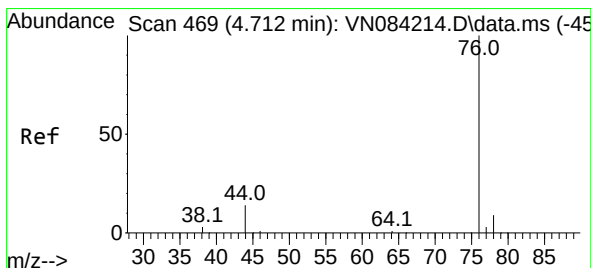
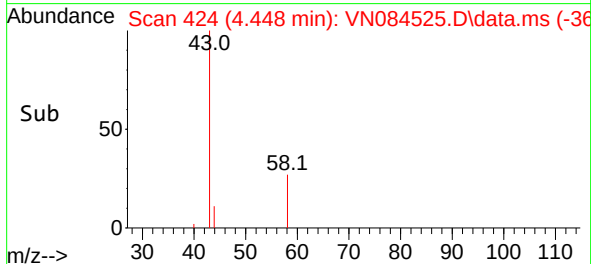
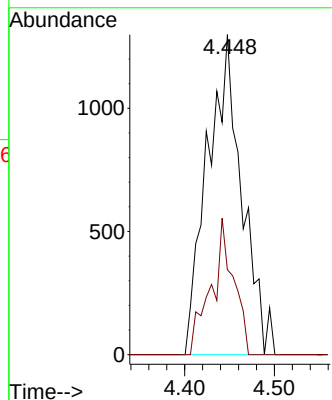
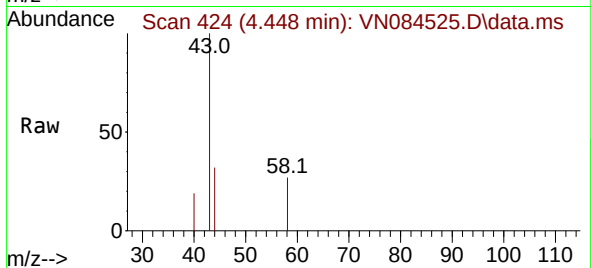




#16
Acetone
Concen: 4.086 ug/l
RT: 4.448 min Scan# 41
Delta R.T. 0.024 min
Lab File: VN084525.D
Acq: 25 Oct 2024 18:49

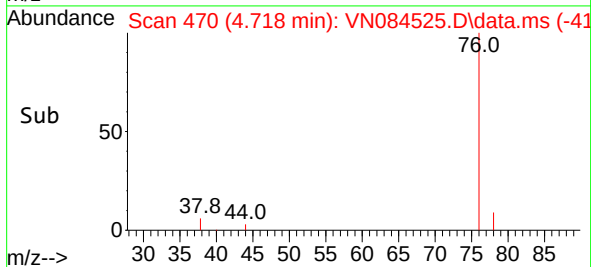
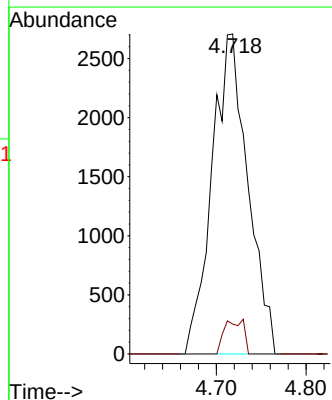
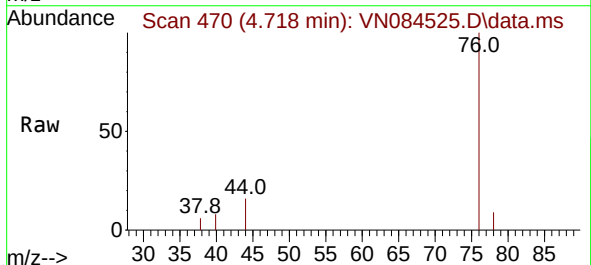
Instrument :
MSVOA_N
ClientSampleId :

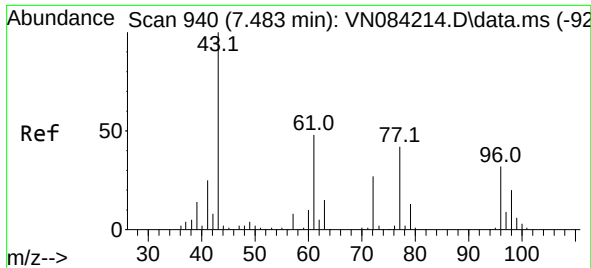
Tgt Ion: 43 Resp: 3457
Ion Ratio Lower Upper
43 100
58 26.6 24.4 36.6



#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

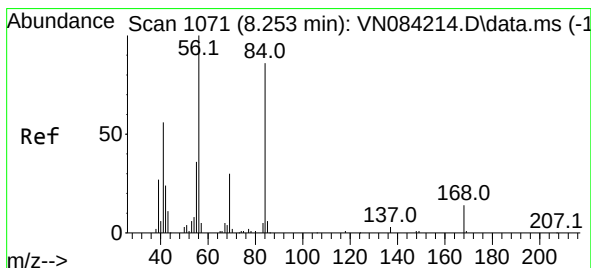
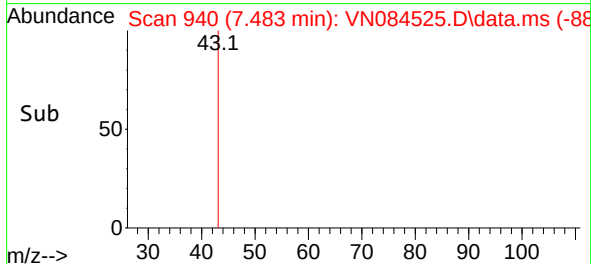
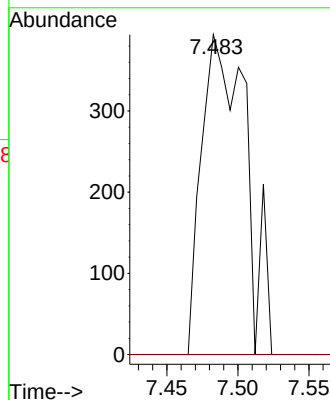
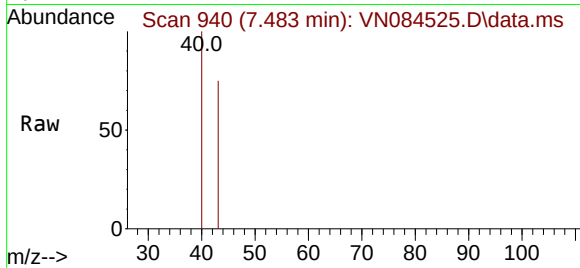




#25
2-Butanone
Concen: 0.746 ug/l
RT: 7.483 min Scan# 940
Delta R.T. 0.000 min
Lab File: VN084525.D
Acq: 25 Oct 2024 18:49

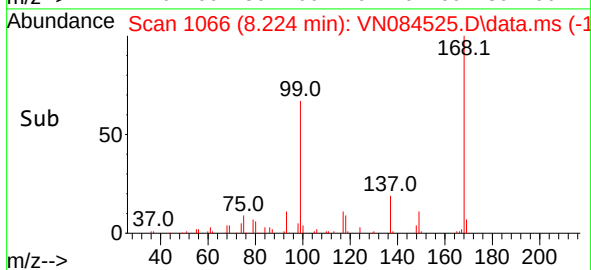
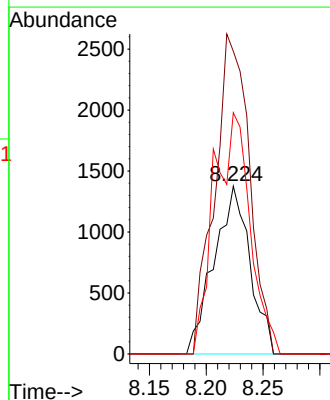
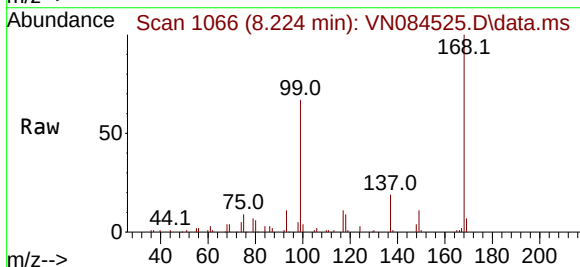
Instrument :
MSVOA_N
ClientSampleId :

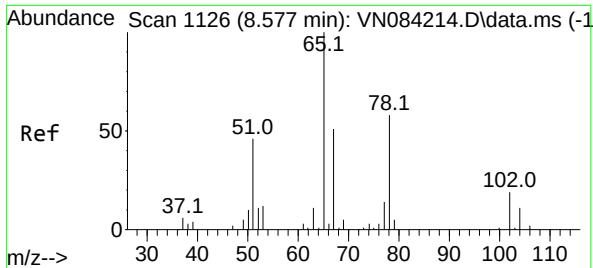
Tgt Ion: 43 Resp: 860
Ion Ratio Lower Upper
43 100
72 0.0 21.4 32.2#



#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

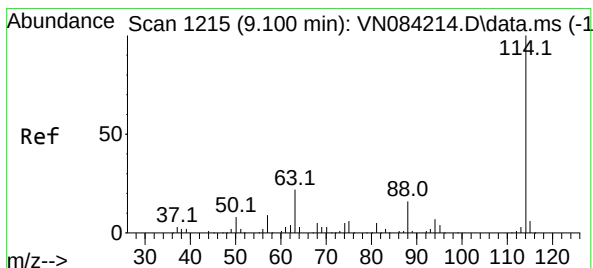
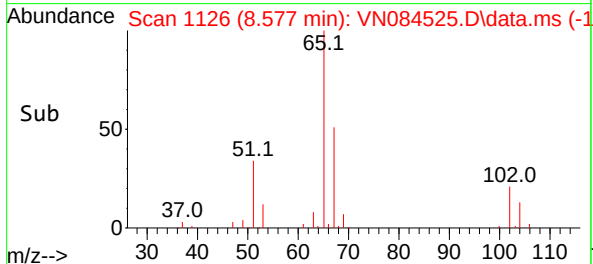
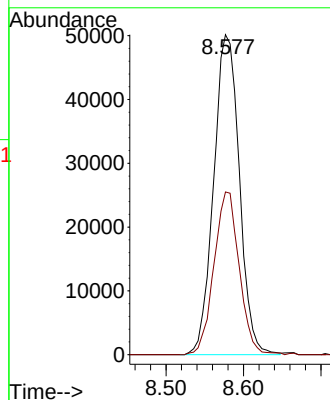
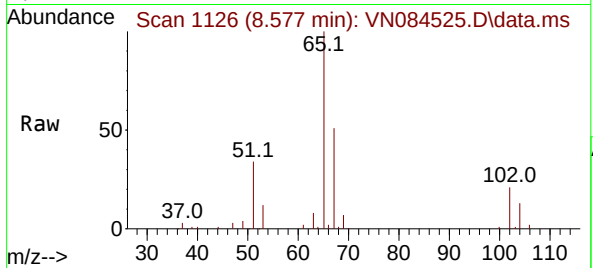
ClientSampleId :

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

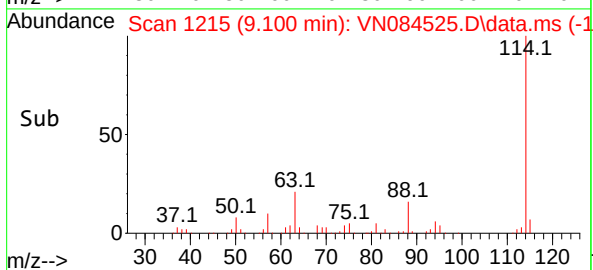
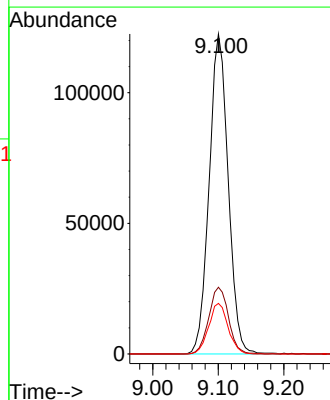
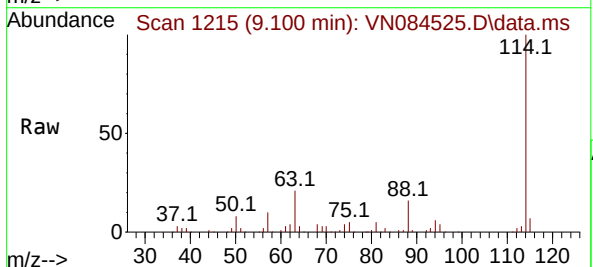
Tgt Ion: 114 Resp: 246729

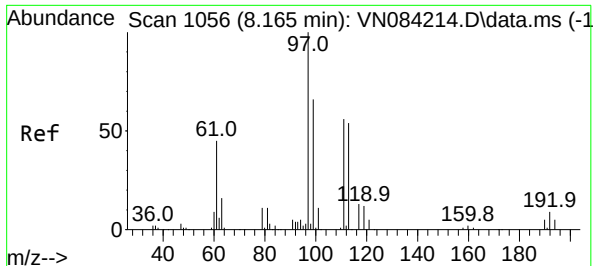
Ion Ratio Lower Upper

114 100

63 20.9 0.0 43.8

88 15.8 0.0 31.6

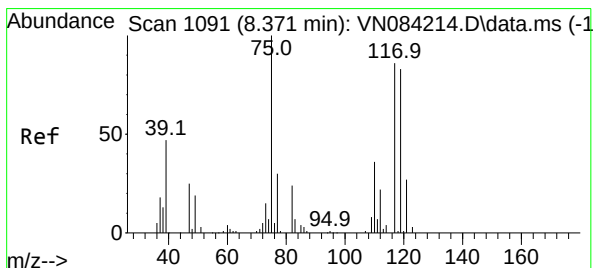
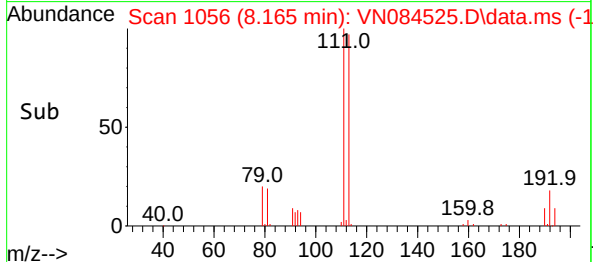
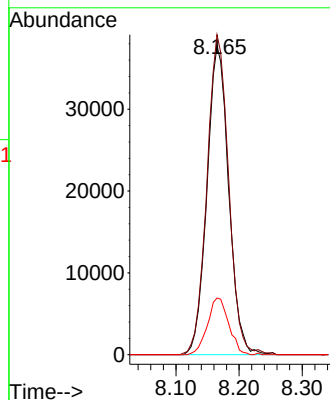
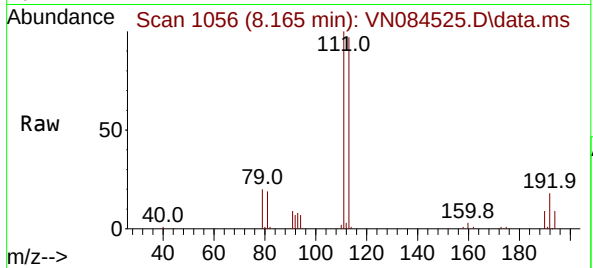




#35
Dibromofluoromethane
Concen: 55.453 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN084525.D
Acq: 25 Oct 2024 18:49

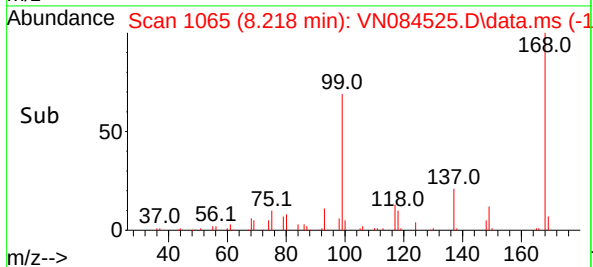
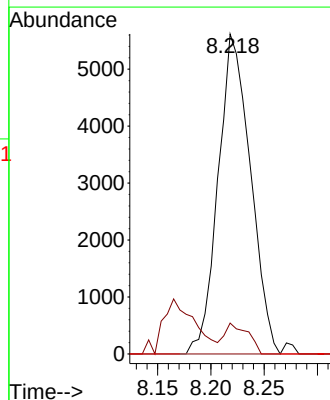
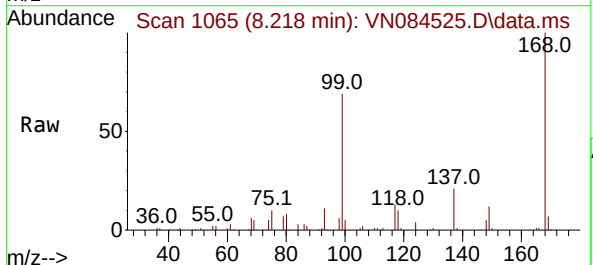
Instrument :
MSVOA_N
ClientSampleId :

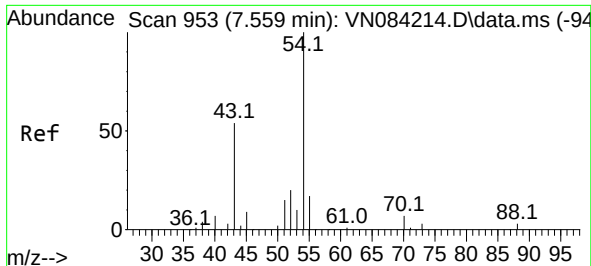
Tgt Ion:113 Resp: 90200
Ion Ratio Lower Upper
113 100
111 103.7 83.3 124.9
192 18.0 13.5 20.3



#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 :

MSVOA_N

ClientSampleId :

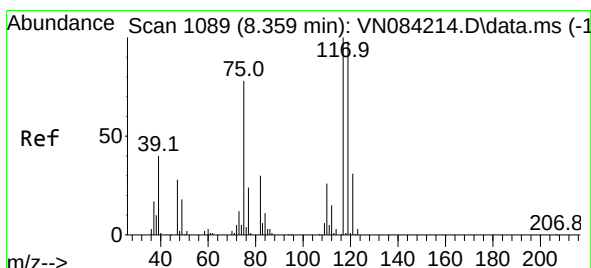
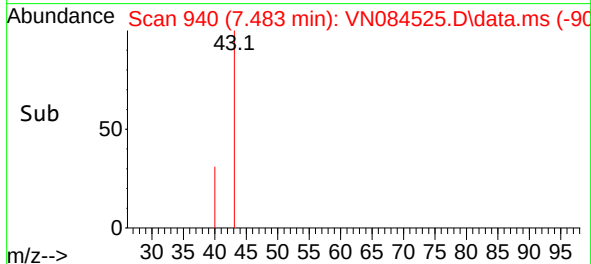
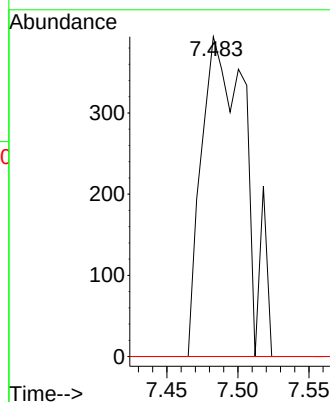
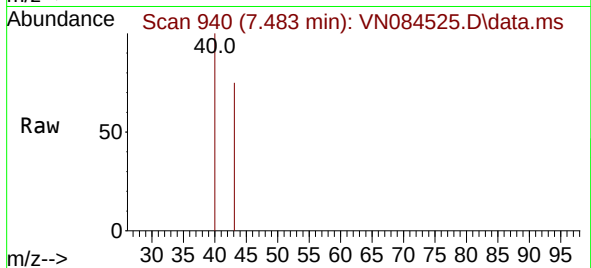
Tgt Ion: 43 Resp: 860

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

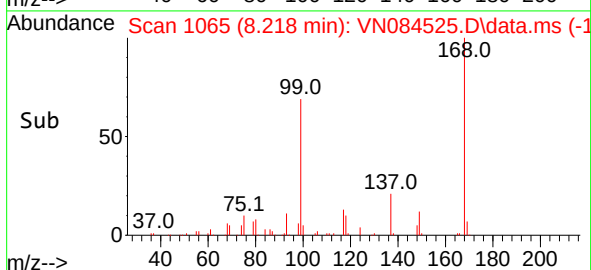
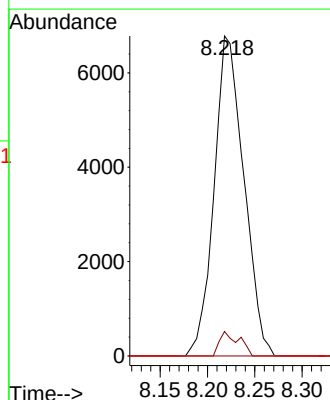
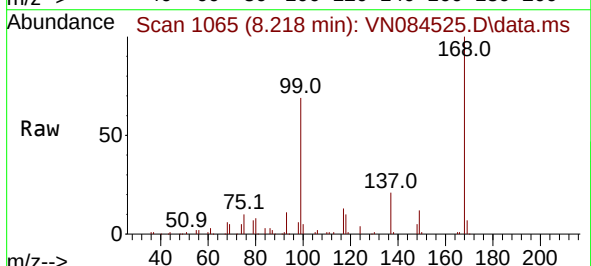
Tgt Ion: 117 Resp: 14807

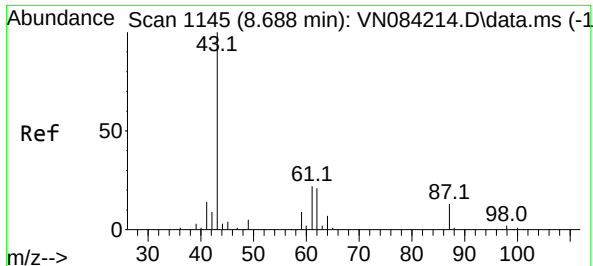
Ion Ratio Lower Upper

117 100

119 7.7 78.7 118.1#

121 0.0 24.4 36.6#

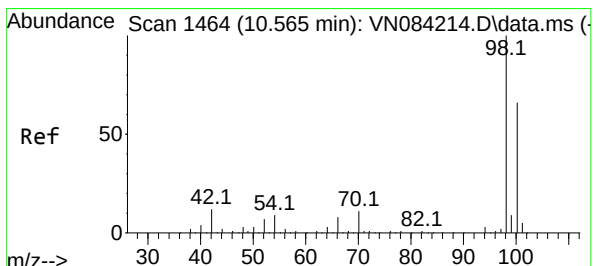
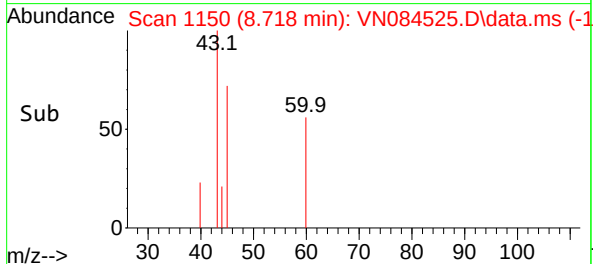
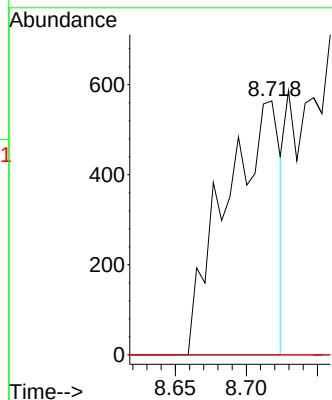
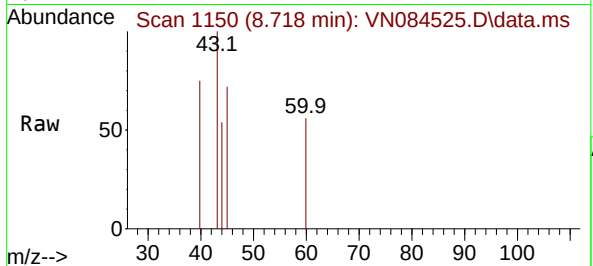




#43
Isopropyl Acetate
Concen: 0.313 ug/l
RT: 8.718 min Scan# 1145
Delta R.T. 0.030 min
Lab File: VN084525.D
Acq: 25 Oct 2024 18:49

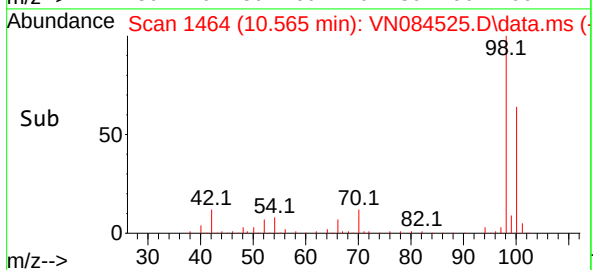
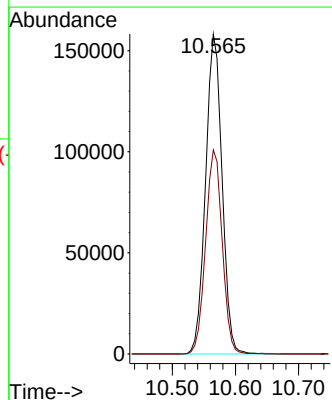
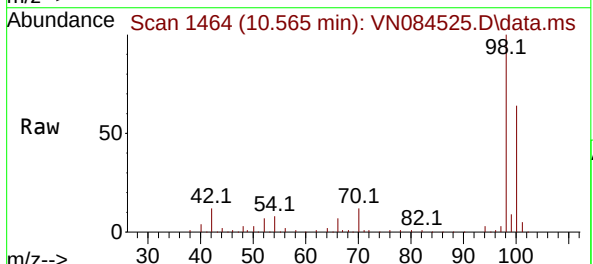
Instrument :
MSVOA_N
ClientSampleId :

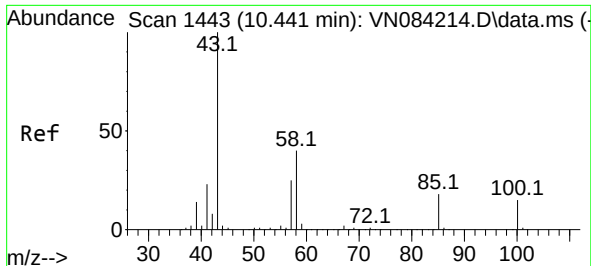
Tgt Ion: 43 Resp: 1485
Ion Ratio Lower Upper
43 100
61 0.0 20.4 30.6#
87 0.0 10.3 15.5#



#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

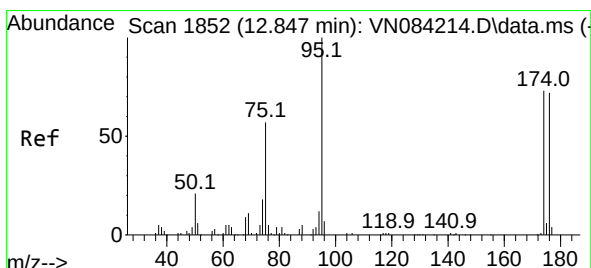
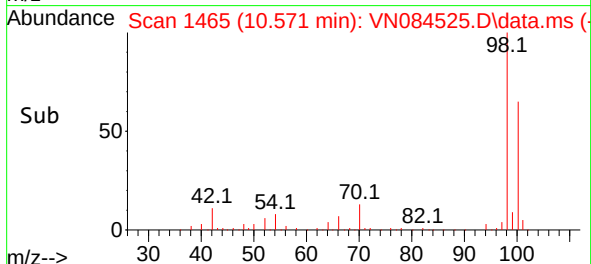
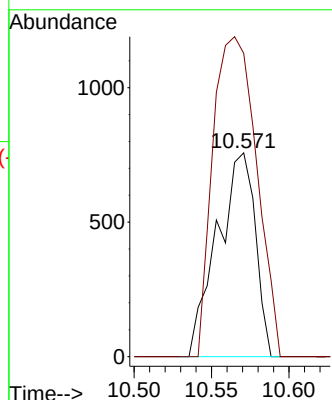
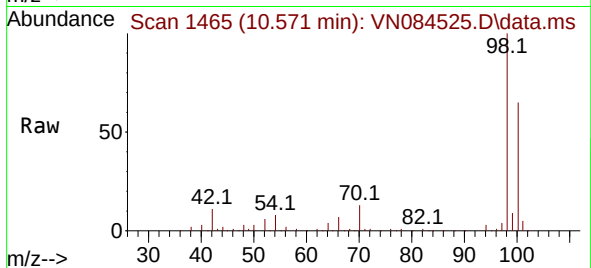
ClientSampleId :

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

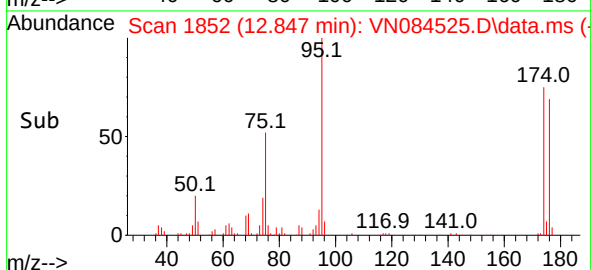
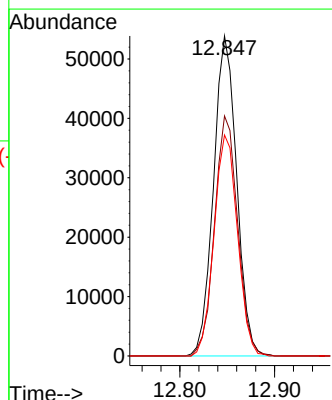
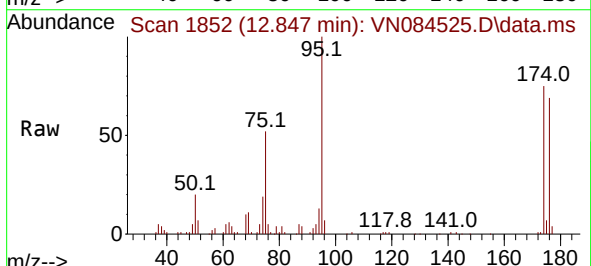
Tgt Ion: 95 Resp: 91662

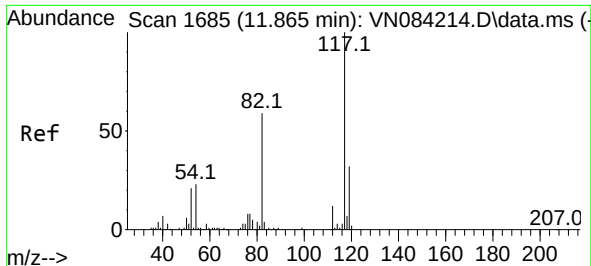
Ion Ratio Lower Upper

95 100

174 75.0 0.0 145.2

176 70.0 0.0 140.0

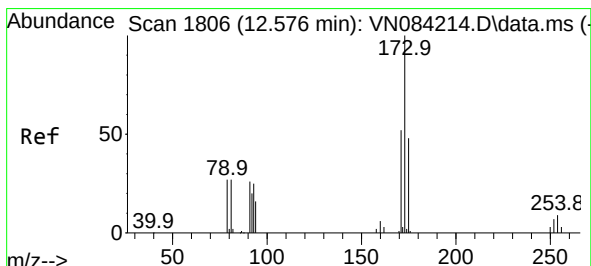
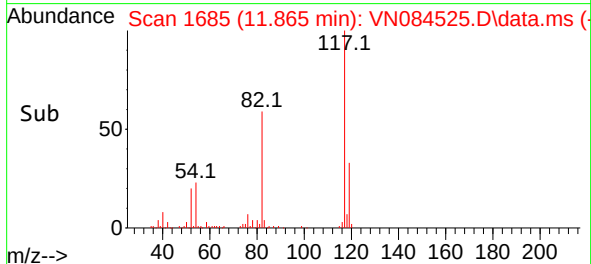
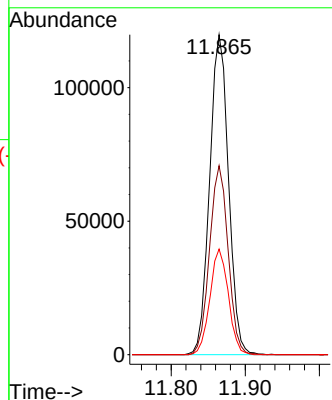
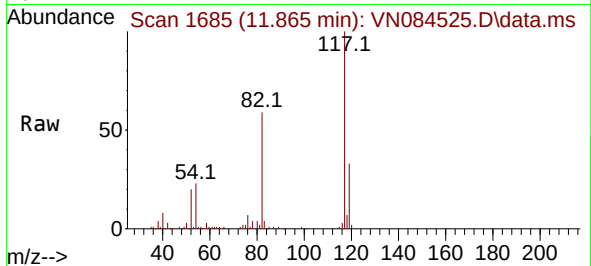




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN084525.D
Acq: 25 Oct 2024 18:49

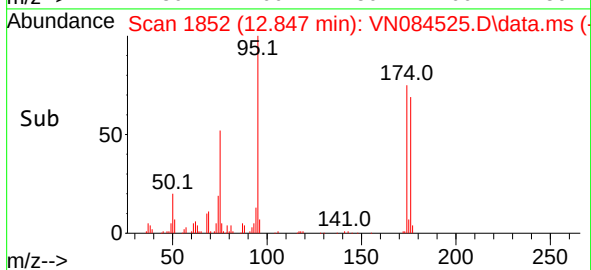
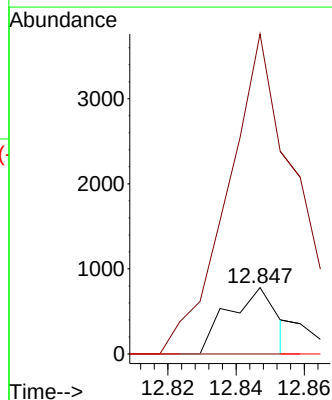
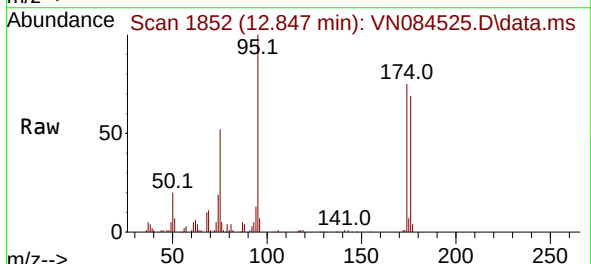
Instrument :
MSVOA_N
ClientSampleId :

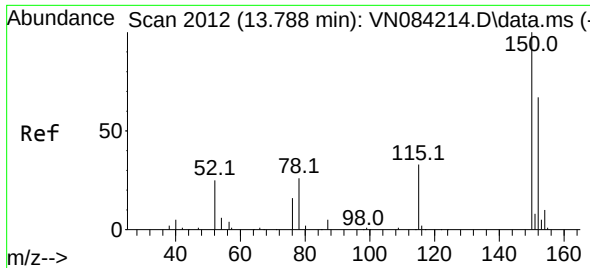
Tgt Ion:117 Resp: 211932
Ion Ratio Lower Upper
117 100
82 59.1 47.2 70.8
119 33.0 25.4 38.0



#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

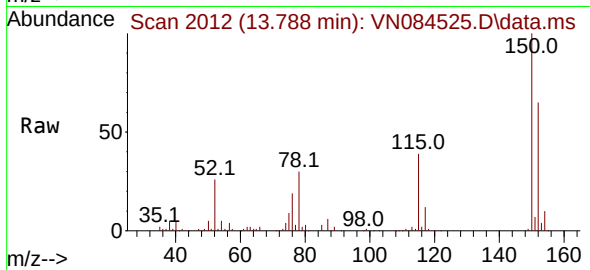
Tgt Ion:173 Resp: 775
Ion Ratio Lower Upper
173 100
175 512.4 23.5 70.6#
254 0.0 0.0 0.0



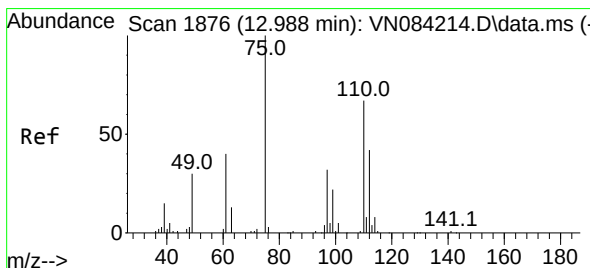
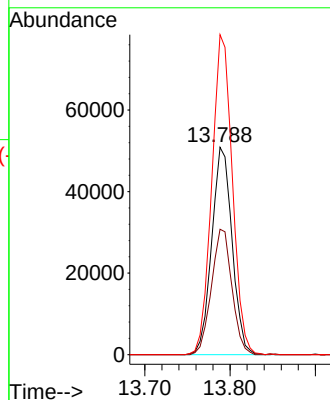
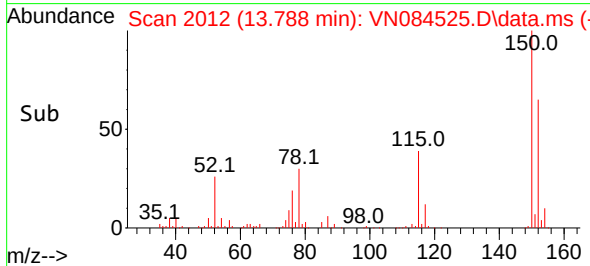


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.788 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VN084525.D
 Acq: 25 Oct 2024 18:49

Instrument :
 MSVOA_N
 ClientSampleId :

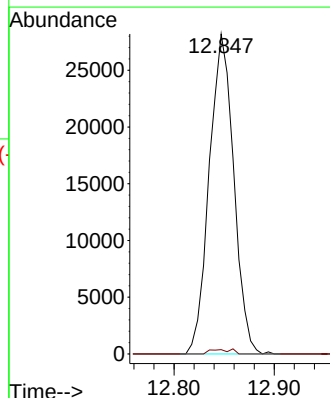
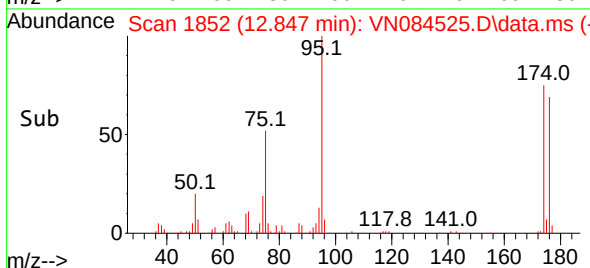
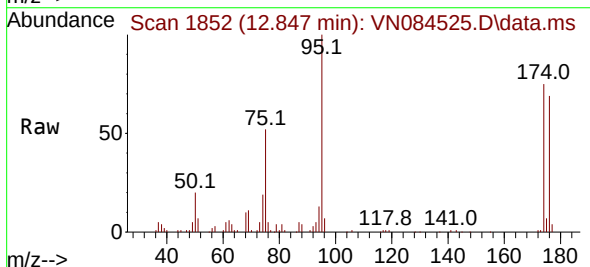


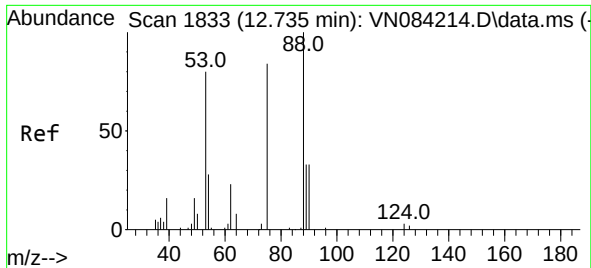
Tgt Ion:152 Resp: 84516
 Ion Ratio Lower Upper
 152 100
 115 60.7 31.3 93.9
 150 155.5 0.0 349.8



#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

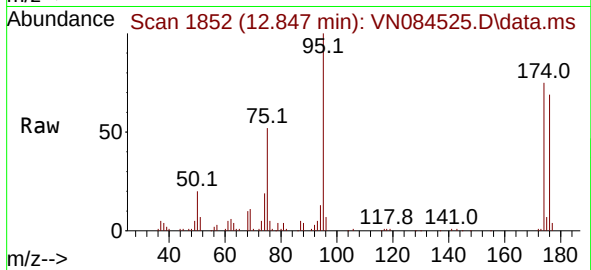
Tgt Ion: 75 Resp: 47866
 Ion Ratio Lower Upper
 75 100
 77 1.3 96.9 290.7#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 66.509 ug/l
 RT: 12.847 min Scan# 1852
 Delta R.T. 0.112 min
 Lab File: VN084525.D
 Acq: 25 Oct 2024 18:49

Instrument :
 MSVOA_N
 ClientSampleId :



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#

