

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111124\
 Data File : VN084773.D
 Acq On : 11 Nov 2024 15:42
 Operator : JC\MD
 Sample : P4722-18
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 WC-2(2)

Quant Time: Nov 12 00:33:17 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)

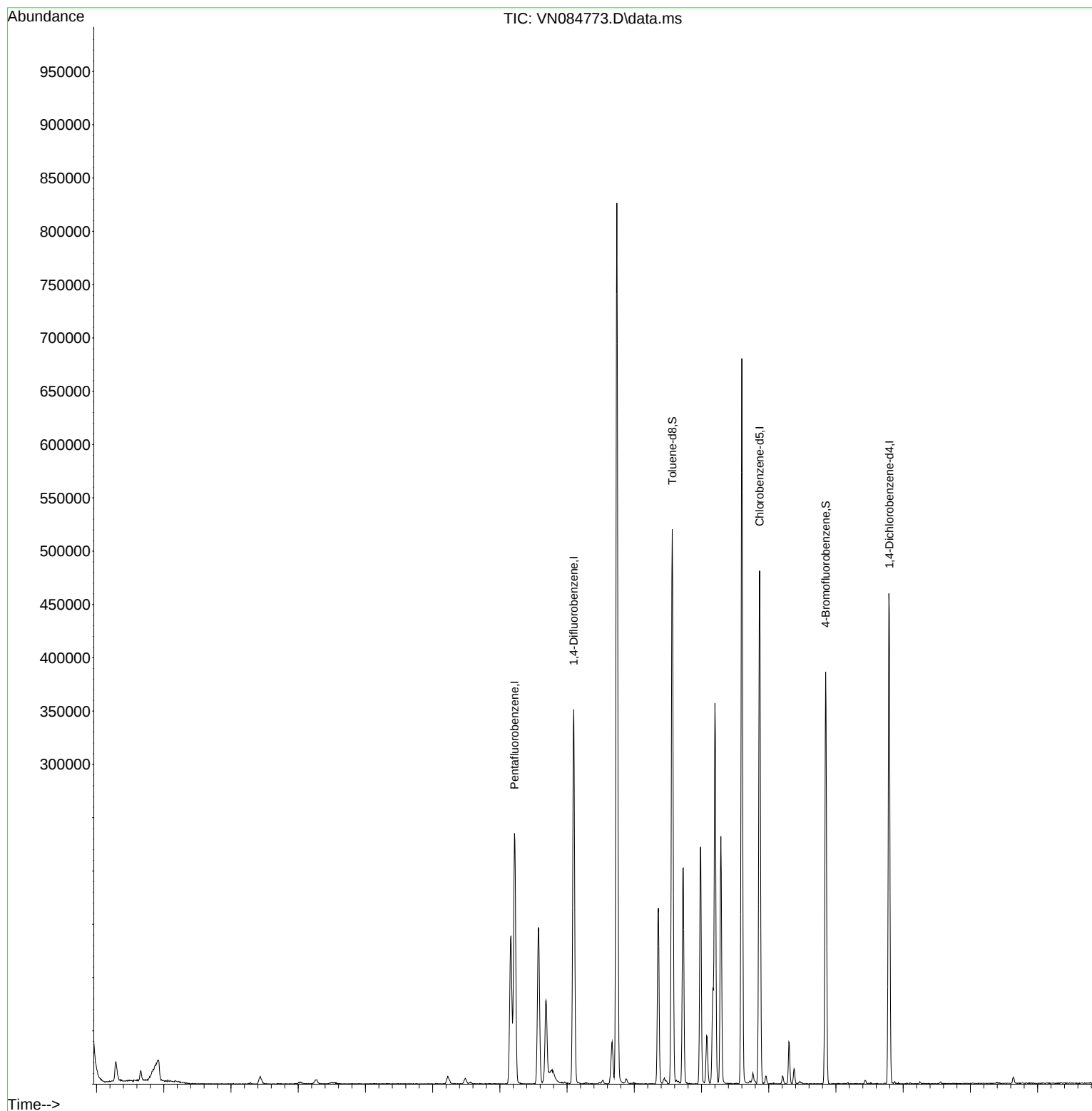
Internal Standards						
1) Pentafluorobenzene	8.218	168	171996	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	301059	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	280468	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	127677	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.576	65	121045	48.726	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	97.460%
35) Dibromofluoromethane	8.165	113	100566	49.350	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	98.700%
50) Toluene-d8	10.565	98	364159	48.512	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	97.020%
62) 4-Bromofluorobenzene	12.847	95	137389	48.972	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	97.940%
Target Compounds						
					Qvalue	
16) Acetone	4.436	43	13805	16.575	ug/l	96
20) Methylene Chloride	5.271	84	3239	1.482	ug/l #	84
25) 2-Butanone	7.482	43	8580	7.403	ug/l	97
43) Isopropyl Acetate	8.682	43	95568	19.587	ug/l #	89

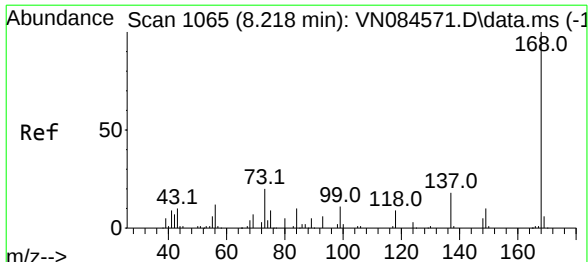
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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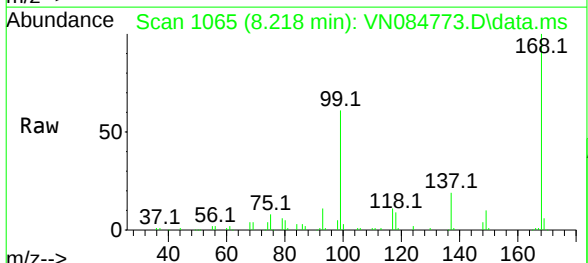
Quant Time: Nov 12 00:33:17 2024
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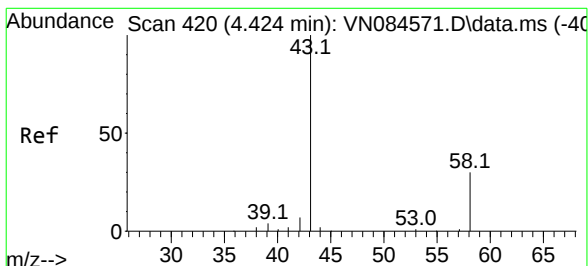
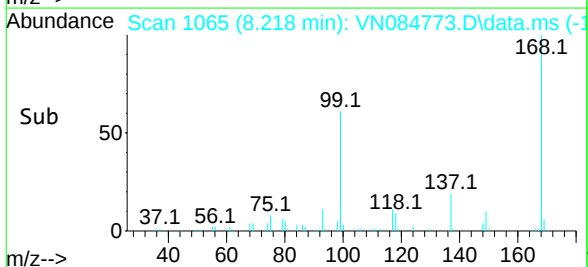
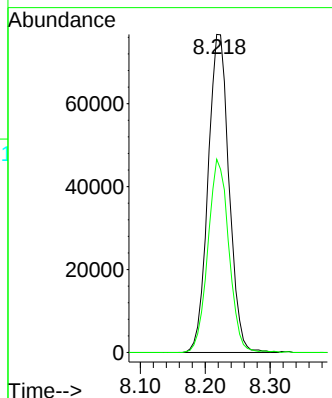


#1
 Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 8.218 min Scan# 1065
 Delta R.T. -0.006 min
 Lab File: VN084773.D
 Acq: 11 Nov 2024 15:42

Instrument :
 MSVOA_N
 ClientSampleId :
 WC-2(2)

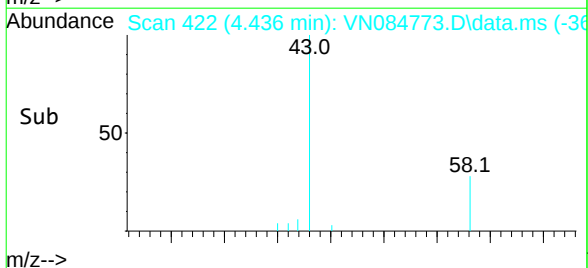
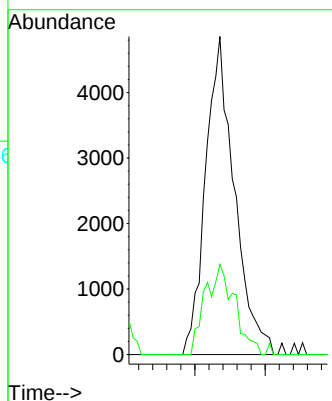
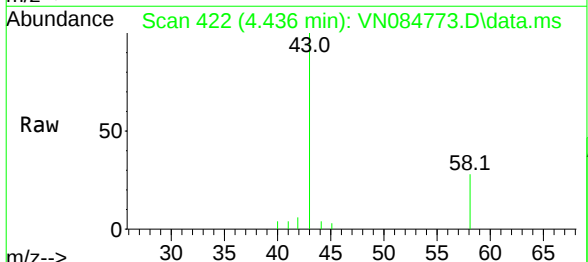


Tgt Ion: 168 Resp: 171996
 Ion Ratio Lower Upper
 168 100
 99 60.8 54.2 81.2



#16
 Acetone
 Concen: 16.575 ug/l
 RT: 4.436 min Scan# 422
 Delta R.T. 0.012 min
 Lab File: VN084773.D
 Acq: 11 Nov 2024 15:42

Tgt Ion: 43 Resp: 13805
 Ion Ratio Lower Upper
 43 100
 58 28.3 24.4 36.6





#20

Methylene Chloride

Concen: 1.482 ug/l

RT: 5.271 min Scan# 564

Delta R.T. -0.006 min

Lab File: VN084773.D

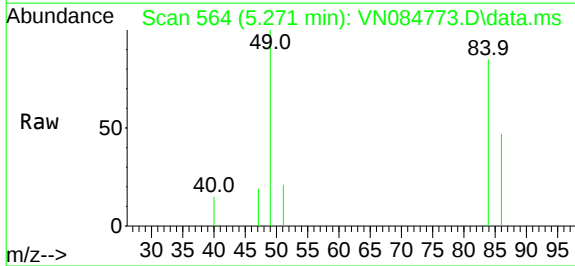
Acq: 11 Nov 2024 15:42

Instrument :

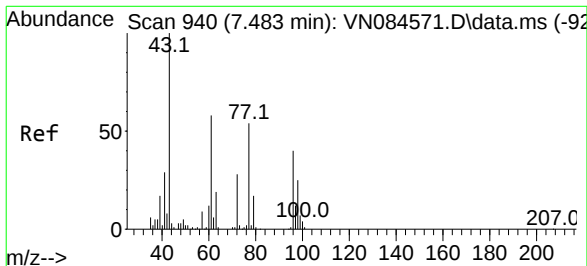
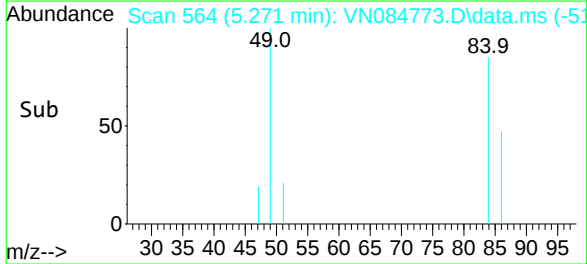
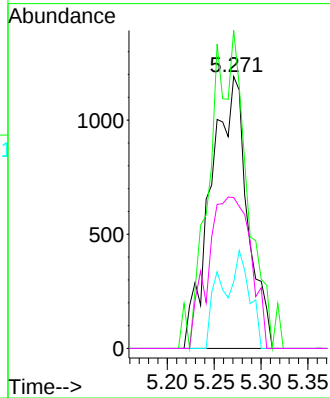
MSVOA_N

ClientSampleId :

WC-2(2)



Tgt Ion:	84	Resp:	3239
Ion	Ratio	Lower	Upper
84	100		
49	117.0	107.2	160.8
51	24.4	31.8	47.8#
86	55.5	52.9	79.3



#25

2-Butanone

Concen: 7.403 ug/l

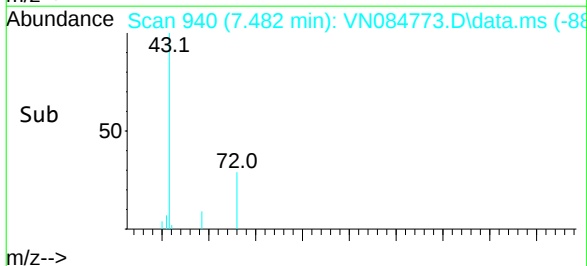
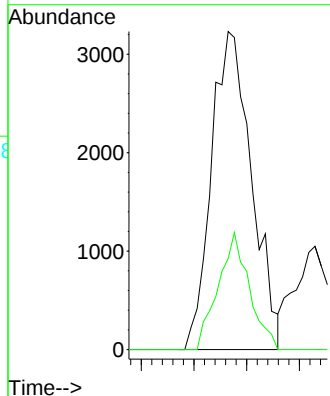
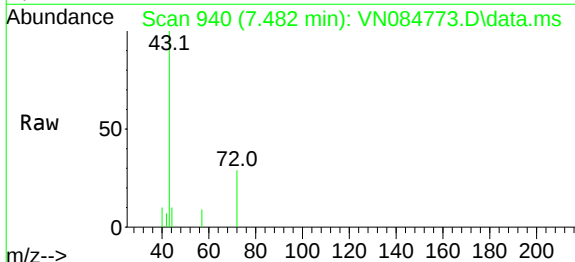
RT: 7.482 min Scan# 940

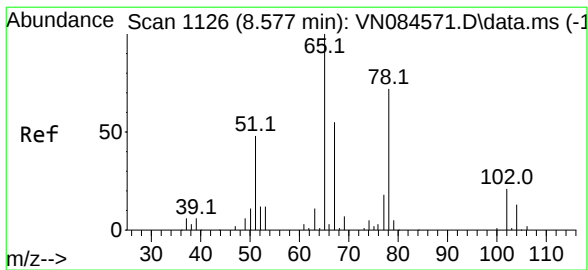
Delta R.T. -0.000 min

Lab File: VN084773.D

Acq: 11 Nov 2024 15:42

Tgt Ion:	43	Resp:	8580
Ion	Ratio	Lower	Upper
43	100		
72	28.6	21.4	32.2

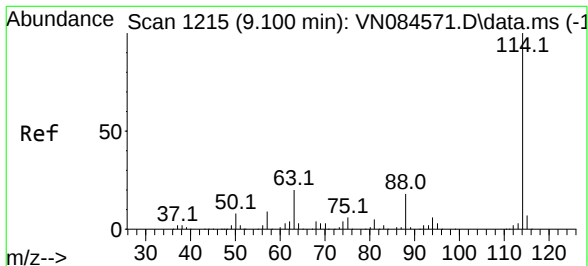
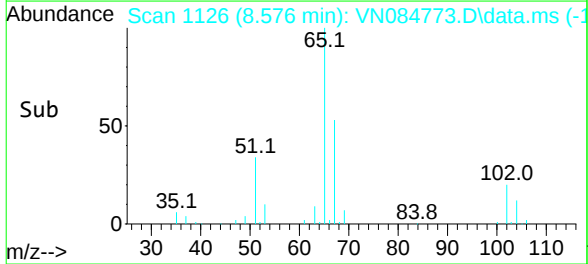
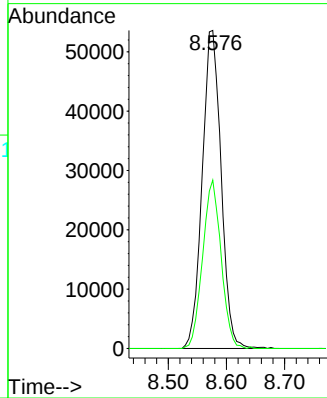
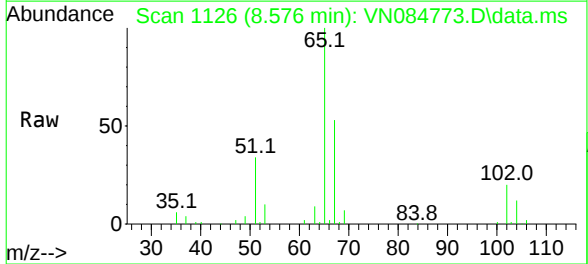




#33
 1,2-Dichloroethane-d4
 Concen: 48.726 ug/l
 RT: 8.576 min Scan# 1126
 Delta R.T. -0.001 min
 Lab File: VN084773.D
 Acq: 11 Nov 2024 15:42

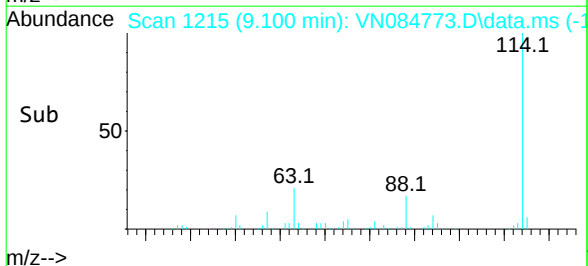
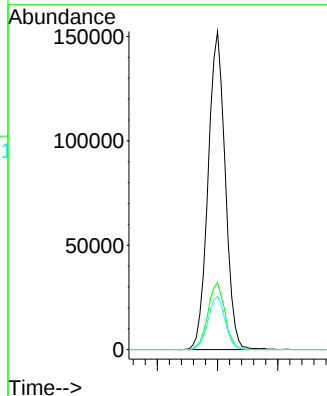
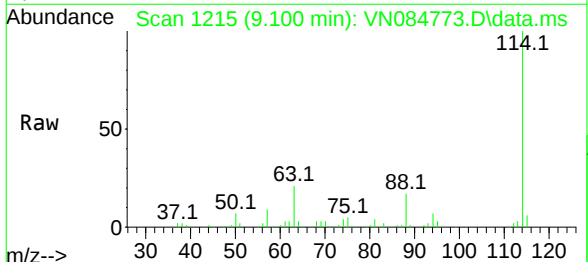
Instrument :
 MSVOA_N
 ClientSampleId :
 WC-2(2)

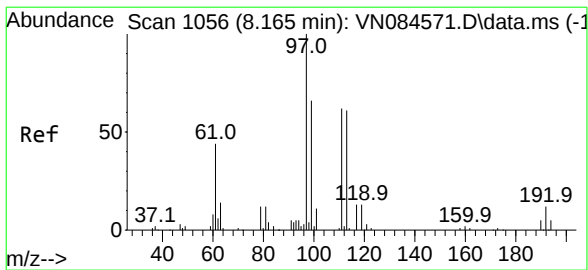
Tgt Ion: 65 Resp: 121045
 Ion Ratio Lower Upper
 65 100
 67 51.7 0.0 102.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.100 min Scan# 1215
 Delta R.T. -0.000 min
 Lab File: VN084773.D
 Acq: 11 Nov 2024 15:42

Tgt Ion: 114 Resp: 301059
 Ion Ratio Lower Upper
 114 100
 63 21.1 0.0 43.8
 88 16.7 0.0 31.6





#35

Dibromofluoromethane

Concen: 49.350 ug/l

RT: 8.165 min Scan# 10

Delta R.T. -0.000 min

Lab File: VN084773.D

Acq: 11 Nov 2024 15:42

Instrument :

MSVOA_N

ClientSampleId :

WC-2(2)

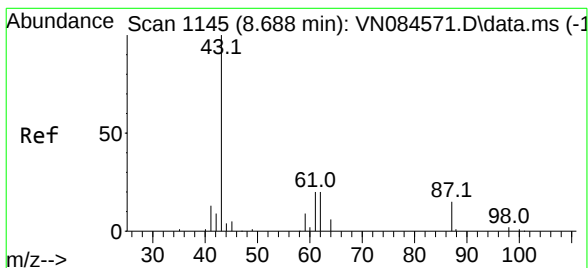
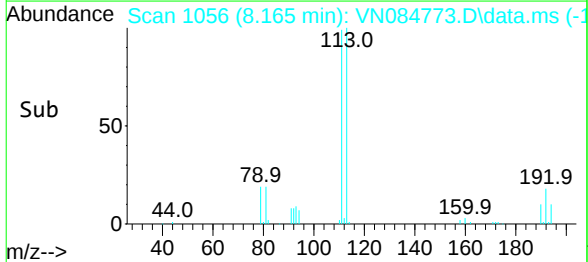
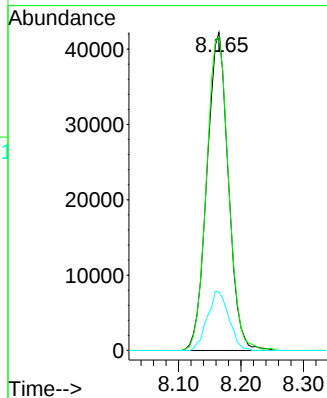
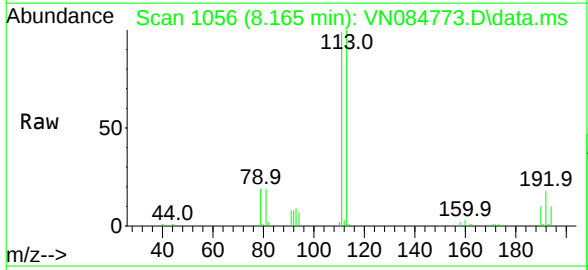
Tgt Ion:113 Resp: 100566

Ion Ratio Lower Upper

113 100

111 101.2 83.3 124.9

192 18.7 13.5 20.3



#43

Isopropyl Acetate

Concen: 19.587 ug/l

RT: 8.682 min Scan# 1144

Delta R.T. -0.006 min

Lab File: VN084773.D

Acq: 11 Nov 2024 15:42

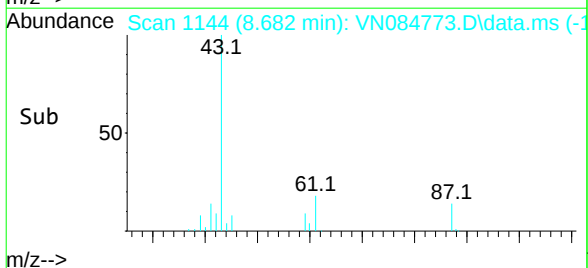
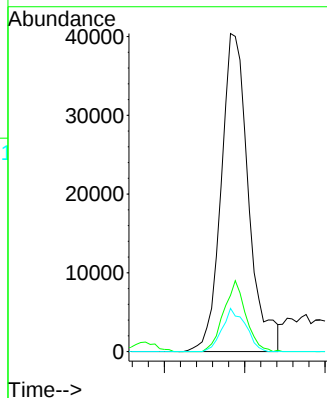
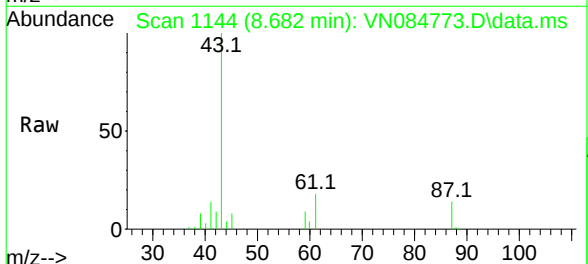
Tgt Ion: 43 Resp: 95568

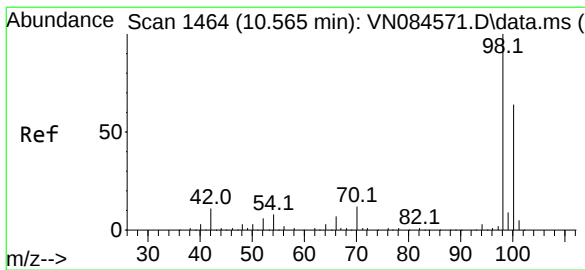
Ion Ratio Lower Upper

43 100

61 18.1 20.4 30.6#

87 11.5 10.3 15.5





#50

Toluene-d8

Concen: 48.512 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. -0.000 min

Lab File: VN084773.D

Acq: 11 Nov 2024 15:42

Instrument :

MSVOA_N

ClientSampleId :

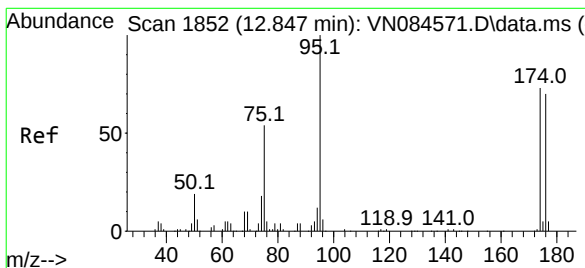
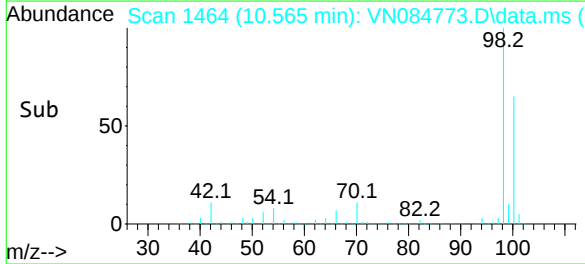
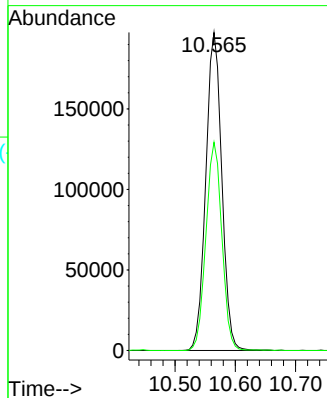
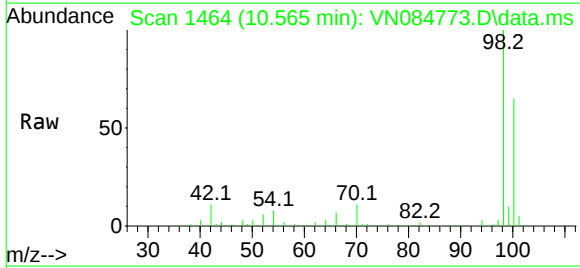
WC-2(2)

Tgt Ion: 98 Resp: 364159

Ion Ratio Lower Upper

98 100

100 65.4 52.7 79.1



#62

4-Bromofluorobenzene

Concen: 48.972 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. -0.000 min

Lab File: VN084773.D

Acq: 11 Nov 2024 15:42

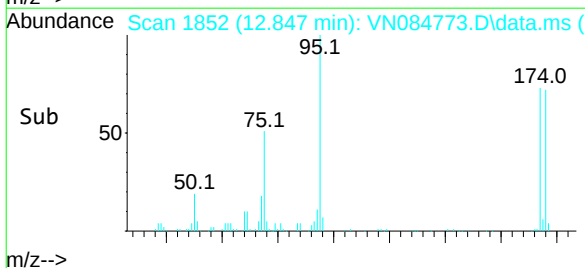
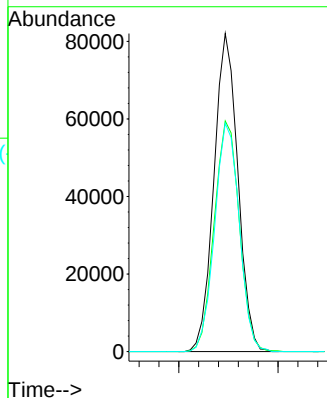
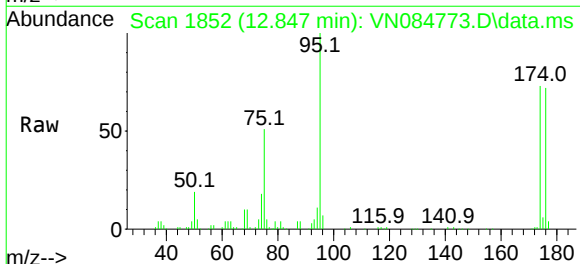
Tgt Ion: 95 Resp: 137389

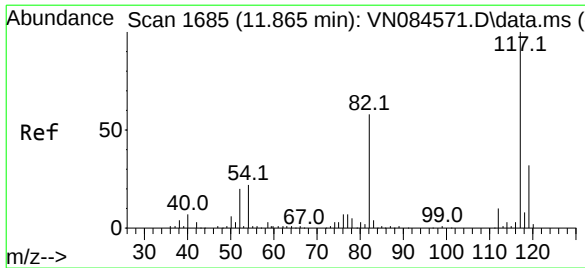
Ion Ratio Lower Upper

95 100

174 75.8 0.0 145.2

176 73.8 0.0 140.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.865 min Scan# 16

Delta R.T. -0.001 min

Lab File: VN084773.D

Acq: 11 Nov 2024 15:42

Instrument :

MSVOA_N

ClientSampleId :

WC-2(2)

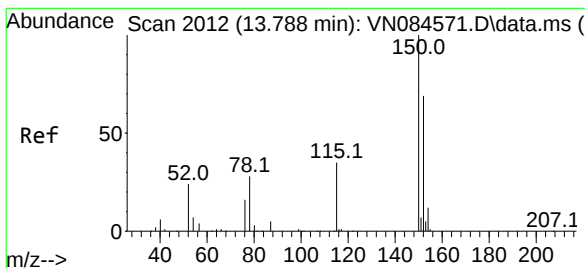
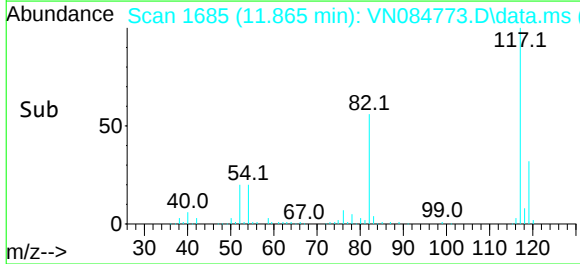
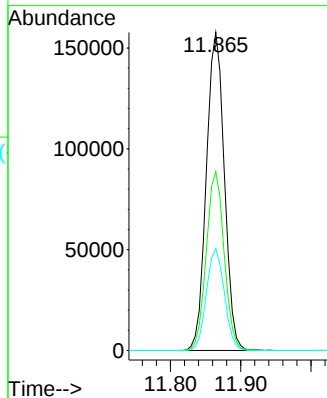
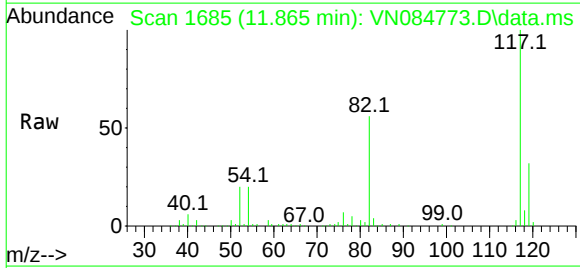
Tgt Ion:117 Resp: 280468

Ion Ratio Lower Upper

117 100

82 56.2 47.2 70.8

119 32.1 25.4 38.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 2013

Delta R.T. 0.006 min

Lab File: VN084773.D

Acq: 11 Nov 2024 15:42

Tgt Ion:152 Resp: 127677

Ion Ratio Lower Upper

152 100

115 62.1 31.3 93.9

150 156.4 0.0 349.8

