

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111124\
 Data File : VN084771.D
 Acq On : 11 Nov 2024 14:54
 Operator : JC\MD
 Sample : P4722-12
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 WC-3(3)

Quant Time: Nov 12 00:32:21 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)

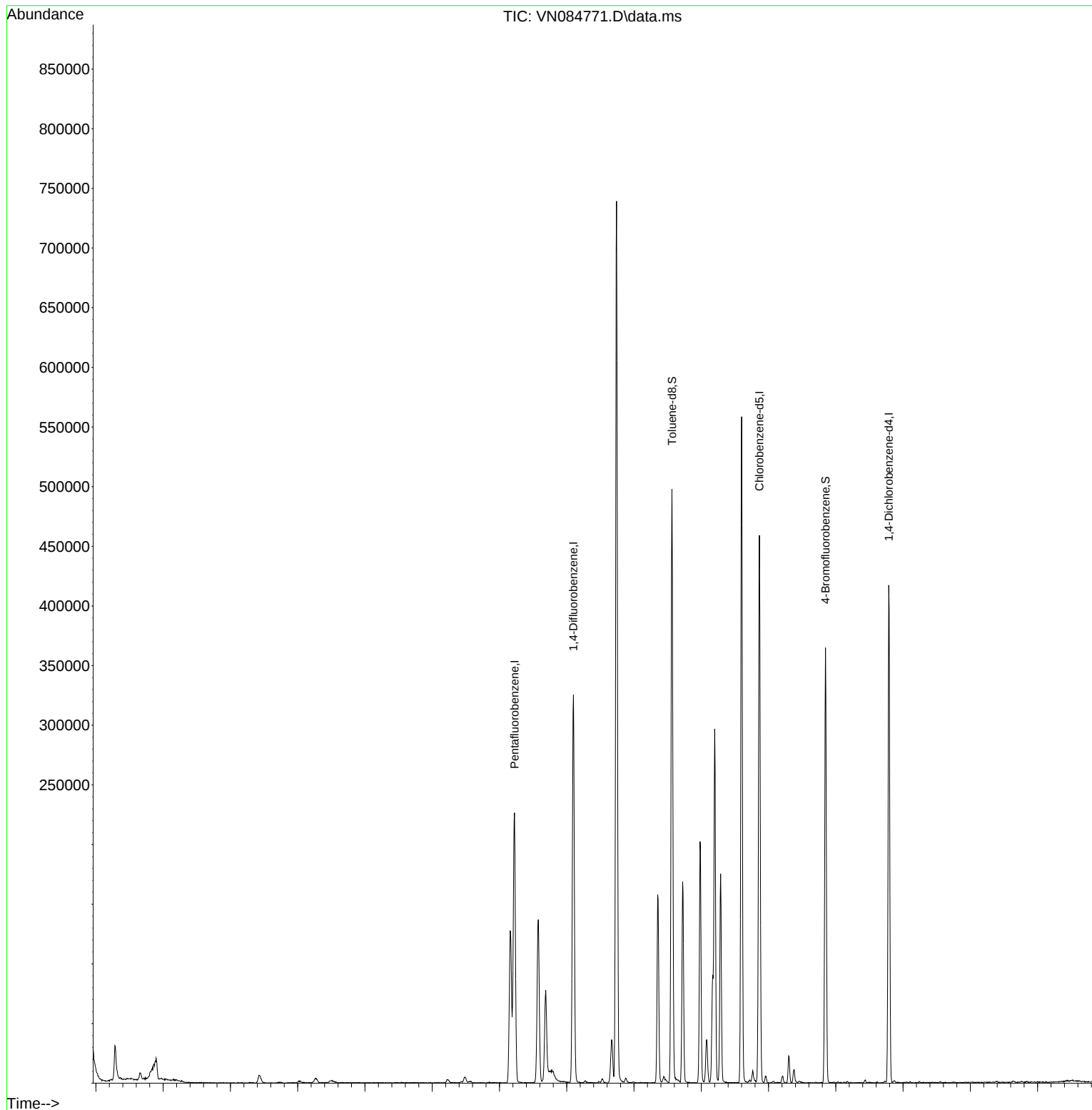
Internal Standards						
1) Pentafluorobenzene	8.224	168	166359	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	285540	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	266633	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	113376	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.571	65	115053	47.883	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	95.760%		
35) Dibromofluoromethane	8.165	113	94697	48.996	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	98.000%		
50) Toluene-d8	10.565	98	339482	47.682	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	95.360%		
62) 4-Bromofluorobenzene	12.847	95	128719	48.375	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	96.760%		
Target Compounds						
16) Acetone	4.436	43	12855	15.849	ug/l	91
20) Methylene Chloride	5.265	84	3108	1.471	ug/l	95
25) 2-Butanone	7.483	43	8997	8.026	ug/l #	89
43) Isopropyl Acetate	8.688	43	91078	19.686	ug/l #	90

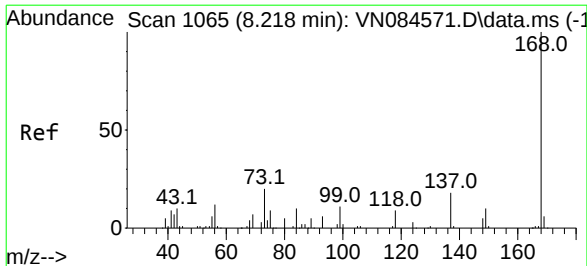
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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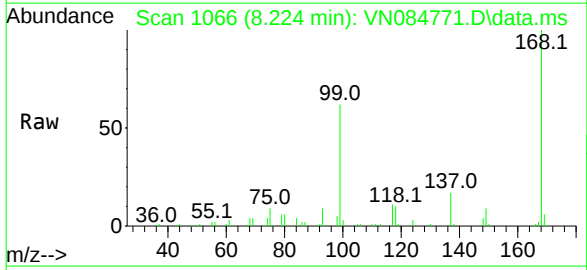
Quant Time: Nov 12 00:32:21 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N103024W.M
Quant Title : SW846 8260
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Response via : Initial Calibration



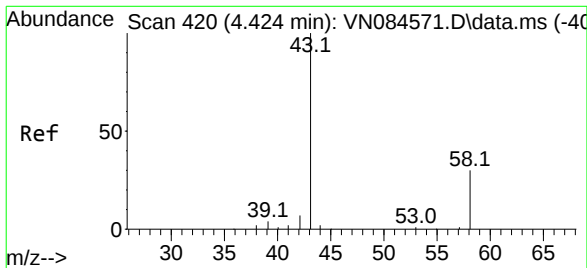
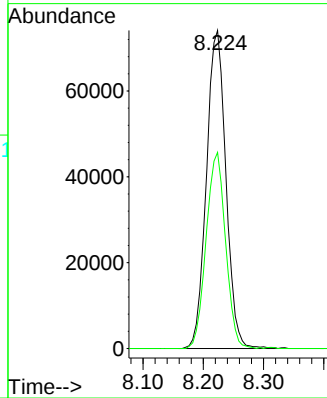
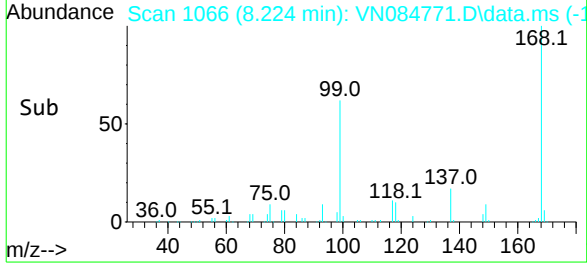


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN084771.D
Acq: 11 Nov 2024 14:54

Instrument :
MSVOA_N
ClientSampleId :
WC-3(3)

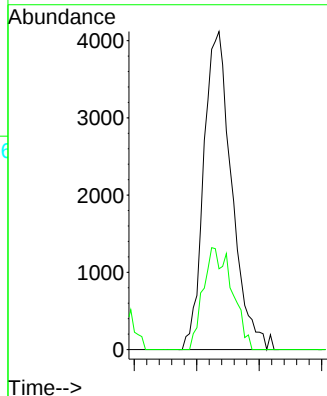
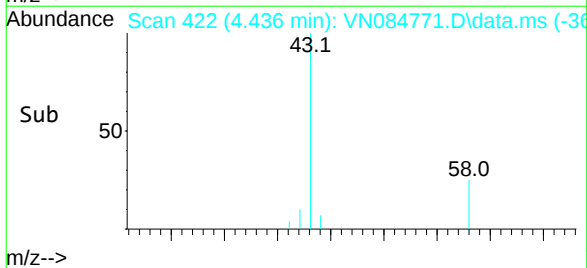
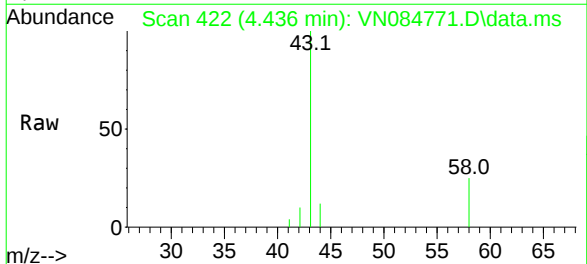


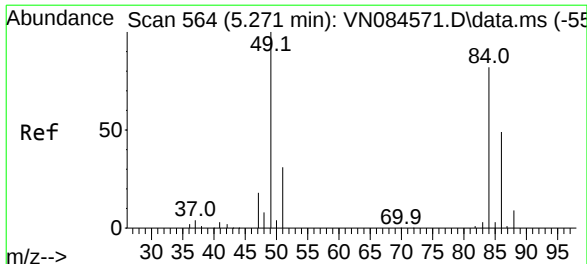
Tgt Ion:168 Resp: 166359
Ion Ratio Lower Upper
168 100
99 61.7 54.2 81.2



#16
Acetone
Concen: 15.849 ug/l
RT: 4.436 min Scan# 422
Delta R.T. 0.012 min
Lab File: VN084771.D
Acq: 11 Nov 2024 14:54

Tgt Ion: 43 Resp: 12855
Ion Ratio Lower Upper
43 100
58 25.4 24.4 36.6





#20

Methylene Chloride

Concen: 1.471 ug/l

RT: 5.265 min Scan# 564

Delta R.T. -0.012 min

Lab File: VN084771.D

Acq: 11 Nov 2024 14:54

Instrument :

MSVOA_N

ClientSampleId :

WC-3(3)

Tgt Ion: 84 Resp: 3108

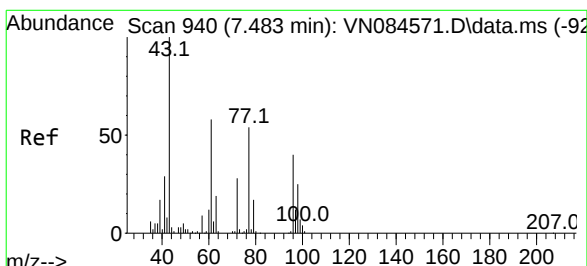
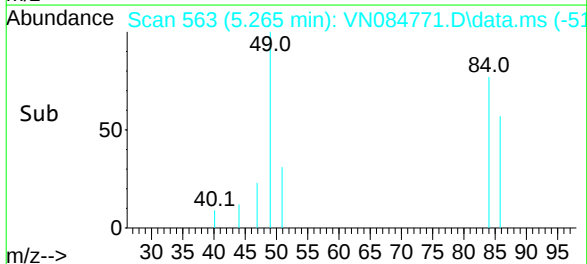
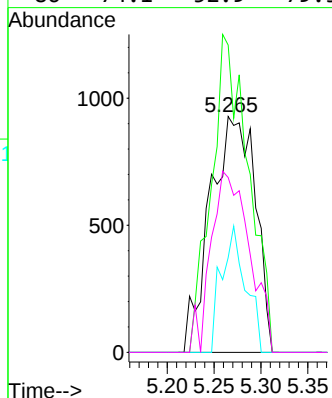
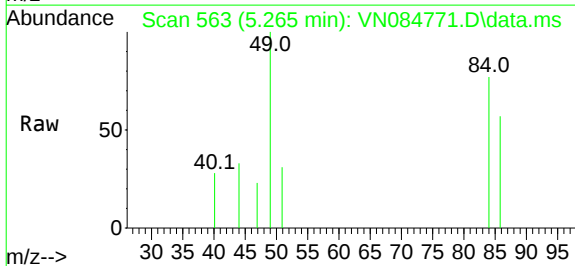
Ion Ratio Lower Upper

84 100

49 130.3 107.2 160.8

51 40.2 31.8 47.8

86 74.1 52.9 79.3



#25

2-Butanone

Concen: 8.026 ug/l

RT: 7.483 min Scan# 940

Delta R.T. -0.000 min

Lab File: VN084771.D

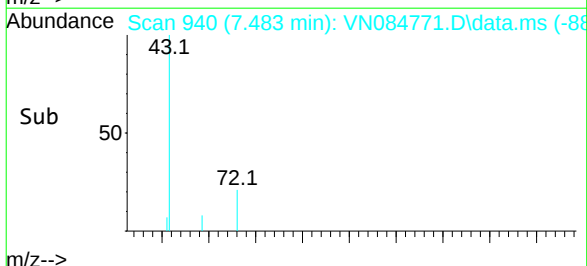
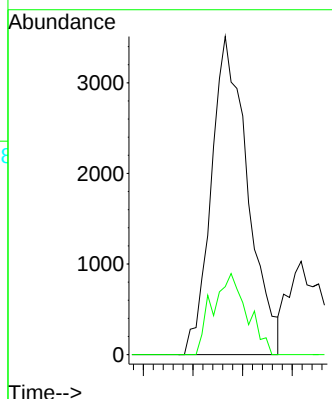
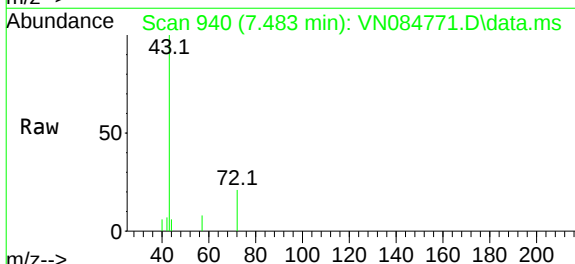
Acq: 11 Nov 2024 14:54

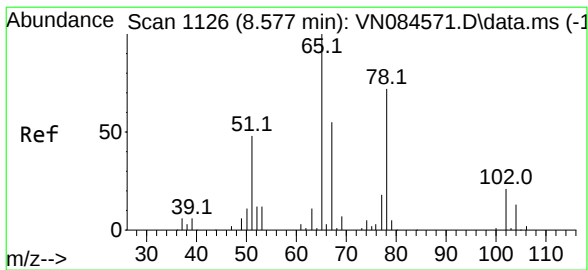
Tgt Ion: 43 Resp: 8997

Ion Ratio Lower Upper

43 100

72 21.4 21.4 32.2#

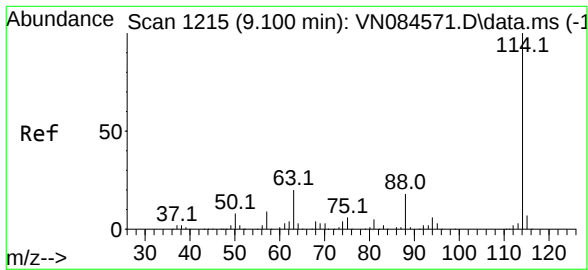
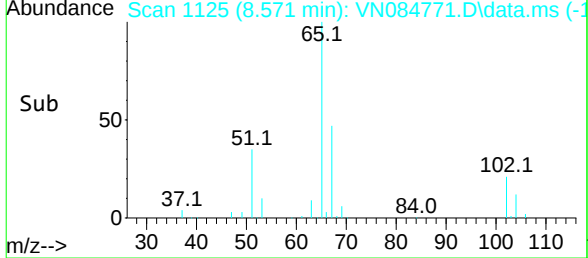
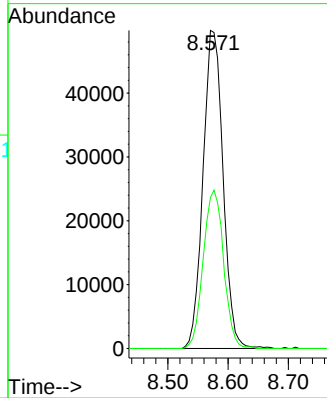
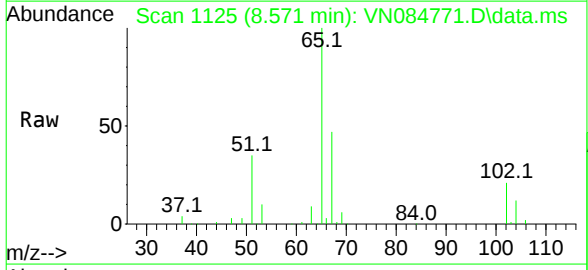




1,2-Dichloroethane-d4
 Concen: 47.883 ug/l
 RT: 8.571 min Scan# 1125
 Delta R.T. -0.006 min
 Lab File: VN084771.D
 Acq: 11 Nov 2024 14:54

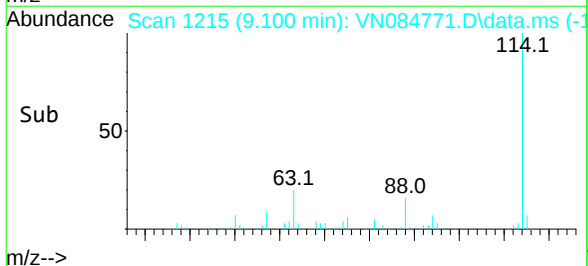
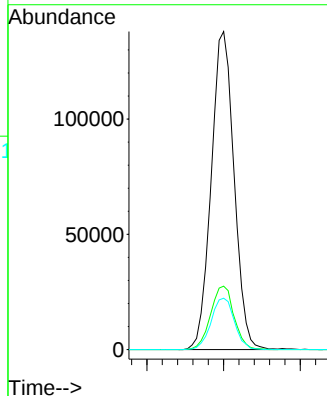
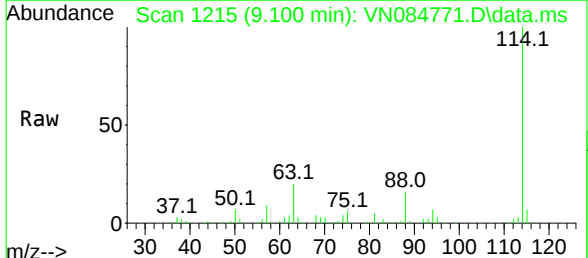
Instrument :
 MSVOA_N
 ClientSampleId :
 WC-3(3)

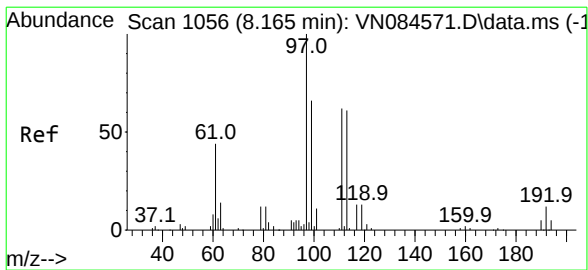
Tgt Ion: 65 Resp: 115053
 Ion Ratio Lower Upper
 65 100
 67 50.7 0.0 102.0



1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.100 min Scan# 1215
 Delta R.T. 0.000 min
 Lab File: VN084771.D
 Acq: 11 Nov 2024 14:54

Tgt Ion: 114 Resp: 285540
 Ion Ratio Lower Upper
 114 100
 63 19.9 0.0 43.8
 88 16.2 0.0 31.6





#35

Dibromofluoromethane

Concen: 48.996 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VN084771.D

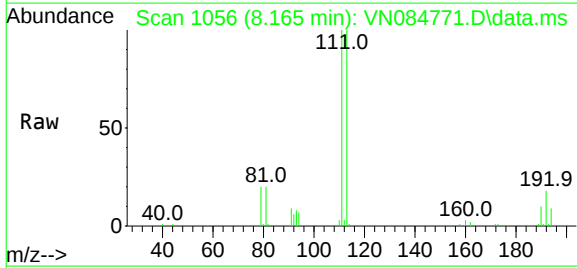
Acq: 11 Nov 2024 14:54

Instrument :

MSVOA_N

ClientSampleId :

WC-3(3)



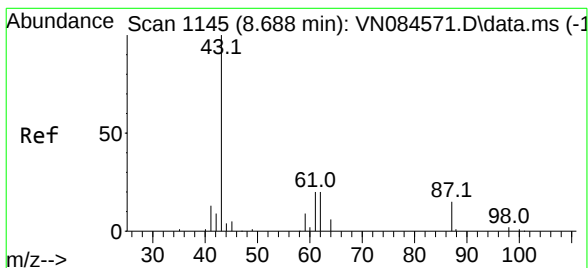
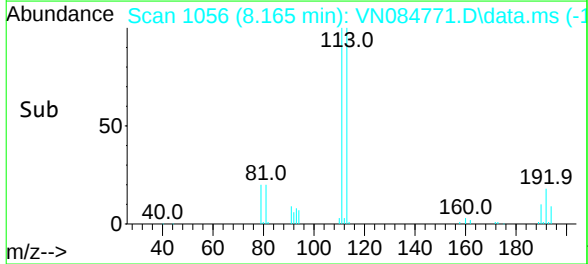
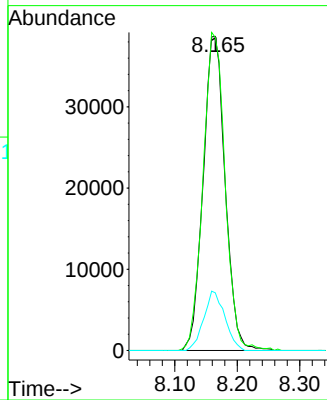
Tgt Ion: 113 Resp: 94697

Ion Ratio Lower Upper

113 100

111 101.6 83.3 124.9

192 18.1 13.5 20.3



#43

Isopropyl Acetate

Concen: 19.686 ug/l

RT: 8.688 min Scan# 1145

Delta R.T. 0.000 min

Lab File: VN084771.D

Acq: 11 Nov 2024 14:54

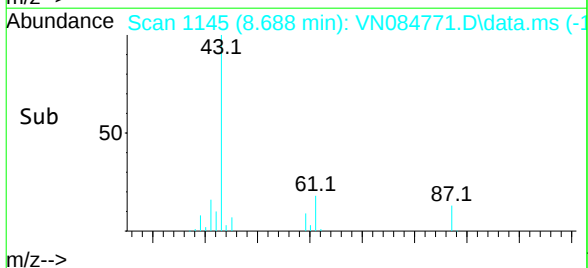
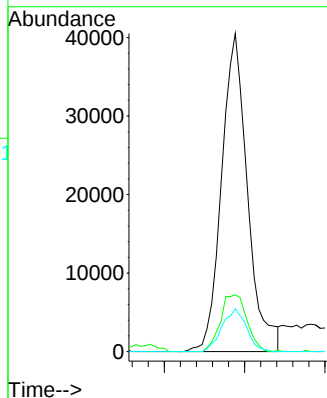
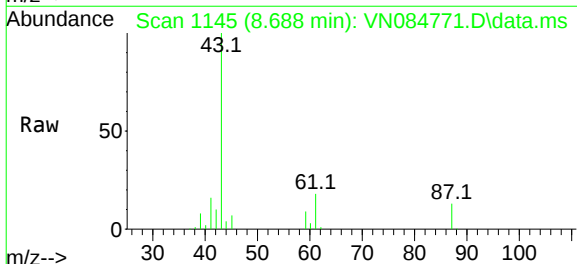
Tgt Ion: 43 Resp: 91078

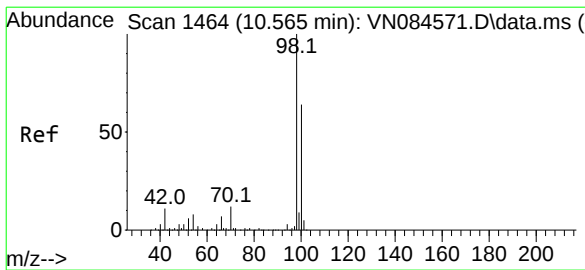
Ion Ratio Lower Upper

43 100

61 18.2 20.4 30.6

87 12.7 10.3 15.5





#50

Toluene-d8

Concen: 47.682 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. -0.000 min

Lab File: VN084771.D

Acq: 11 Nov 2024 14:54

Instrument :

MSVOA_N

ClientSampleId :

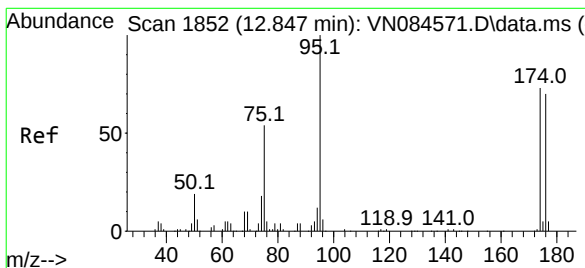
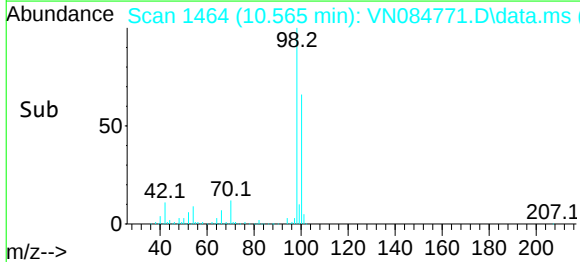
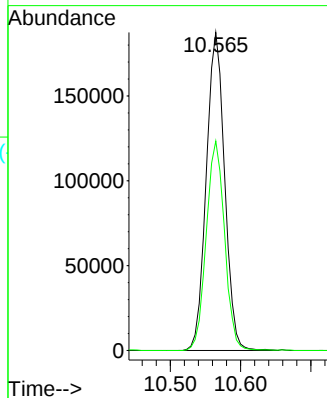
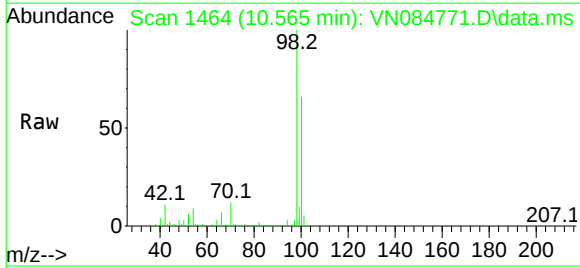
WC-3(3)

Tgt Ion: 98 Resp: 339482

Ion Ratio Lower Upper

98 100

100 65.9 52.7 79.1



#62

4-Bromofluorobenzene

Concen: 48.375 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. -0.000 min

Lab File: VN084771.D

Acq: 11 Nov 2024 14:54

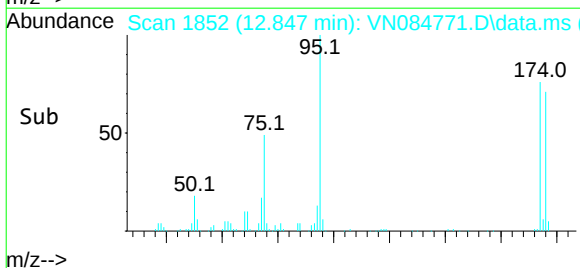
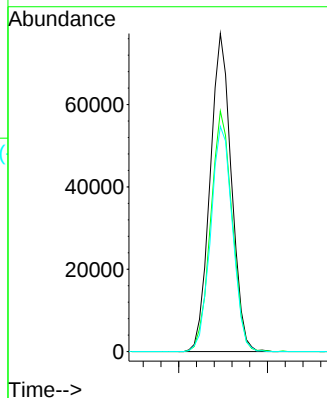
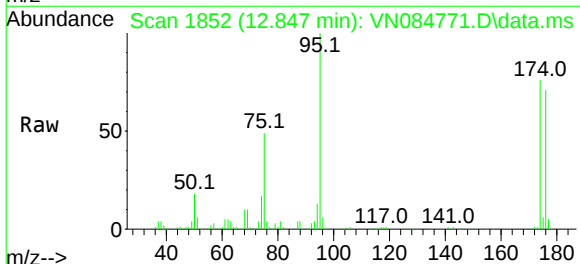
Tgt Ion: 95 Resp: 128719

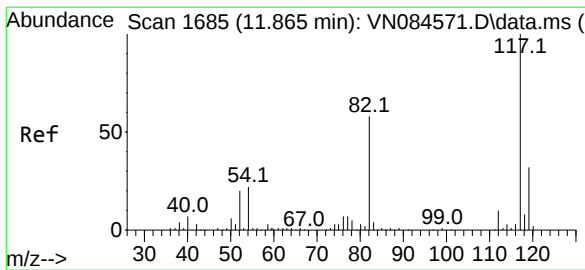
Ion Ratio Lower Upper

95 100

174 76.4 0.0 145.2

176 72.3 0.0 140.0

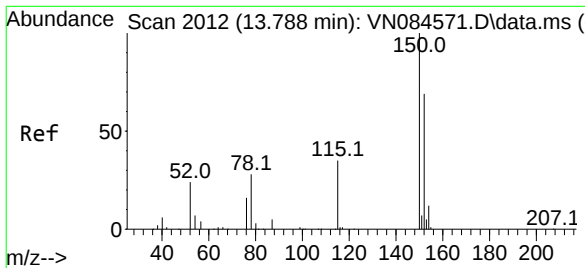
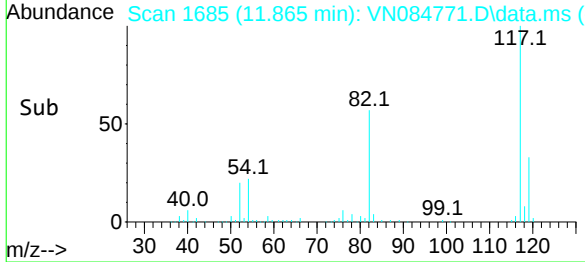
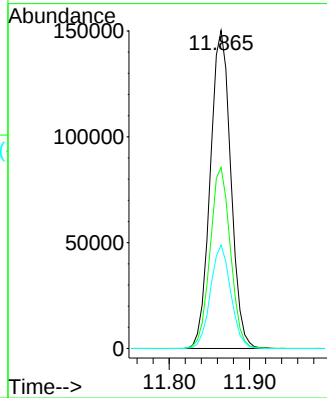
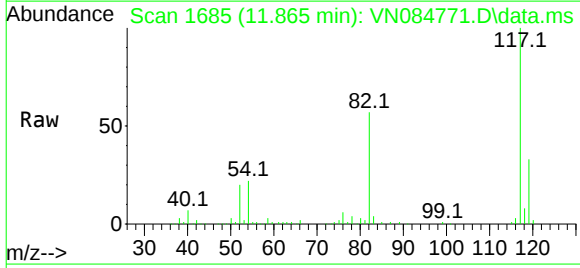




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN084771.D
Acq: 11 Nov 2024 14:54

Instrument :
MSVOA_N
ClientSampleId :
WC-3(3)

Tgt Ion:	117	Resp:	266633
Ion	Ratio	Lower	Upper
117	100		
82	56.9	47.2	70.8
119	32.6	25.4	38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. -0.000 min
Lab File: VN084771.D
Acq: 11 Nov 2024 14:54

Tgt Ion:	152	Resp:	113376
Ion	Ratio	Lower	Upper
152	100		
115	61.6	31.3	93.9
150	156.6	0.0	349.8

