

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN110424\
 Data File : VN084667.D
 Acq On : 04 Nov 2024 19:06
 Operator : JC\MD
 Sample : P4679-04
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MH-1

Quant Time: Nov 05 00:33:29 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)

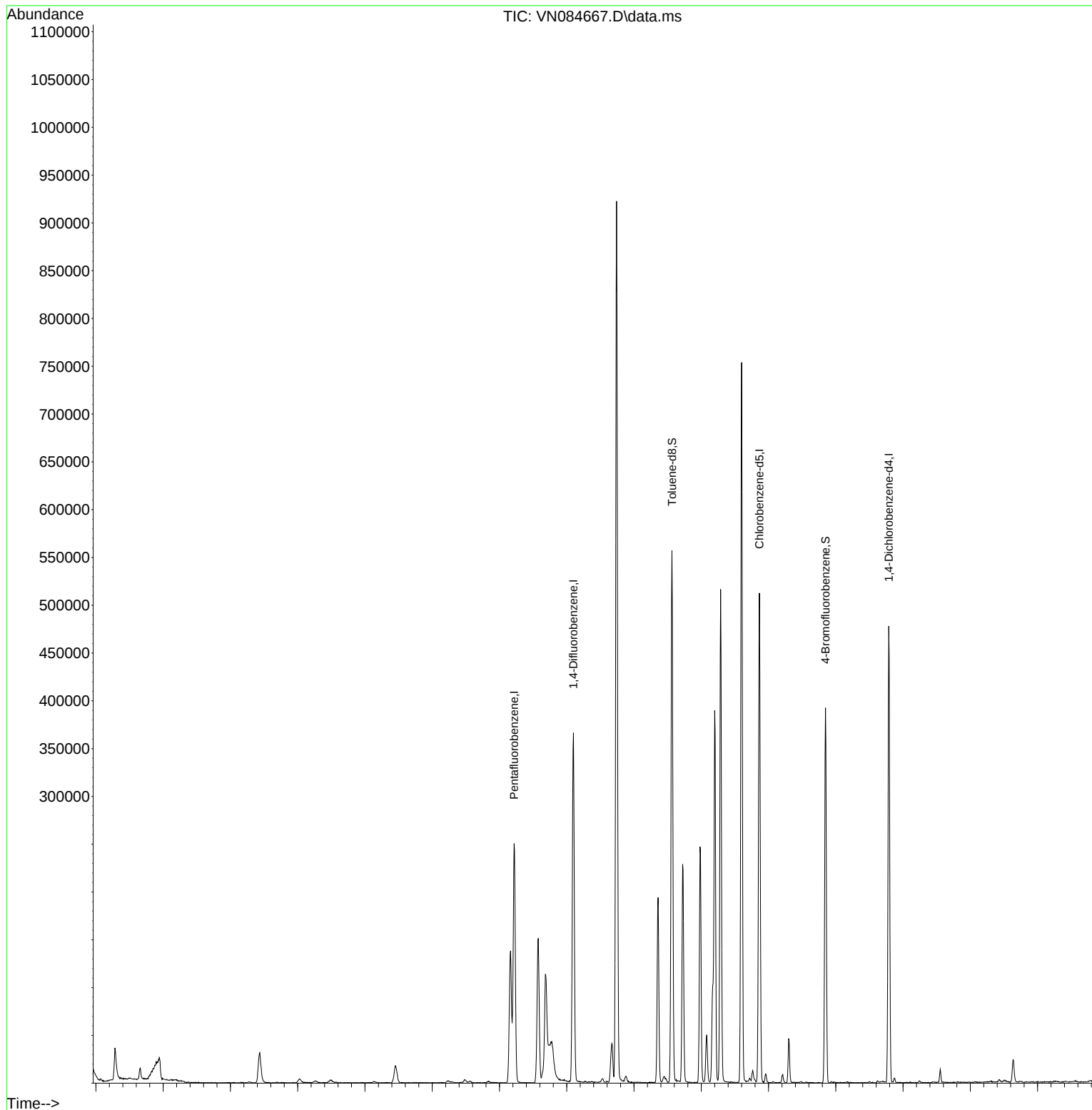
Internal Standards						
1) Pentafluorobenzene	8.218	168	180567	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	318837	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	289897	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	130368	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.571	65	125085	47.962	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	95.920%
35) Dibromofluoromethane	8.165	113	101439	47.003	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.000%
50) Toluene-d8	10.565	98	380650	47.881	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	95.760%
62) 4-Bromofluorobenzene	12.847	95	143664	48.353	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	96.700%
Target Compounds						
					Qvalue	
16) Acetone	4.436	43	59260	76.684	ug/l	95
43) Isopropyl Acetate	8.682	43	155202	30.561	ug/l #	82
95) Naphthalene	15.641	128	23557	3.122	ug/l	99

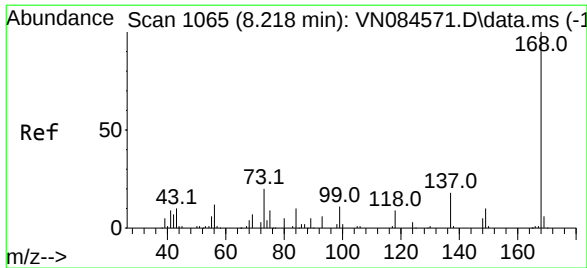
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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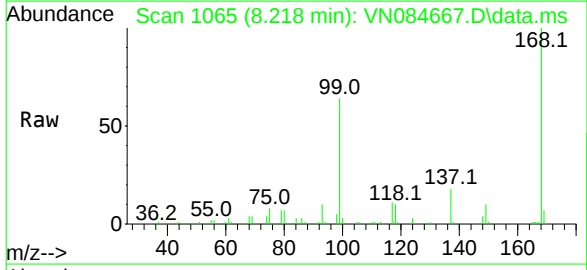
Quant Time: Nov 05 00:33:29 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N103024W.M
Quant Title : SW846 8260
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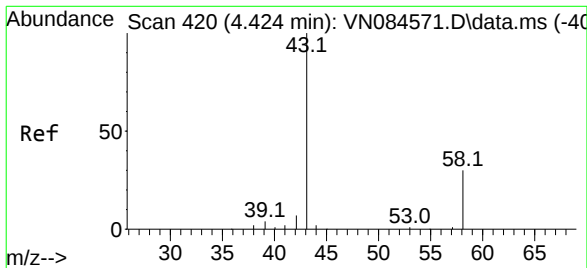
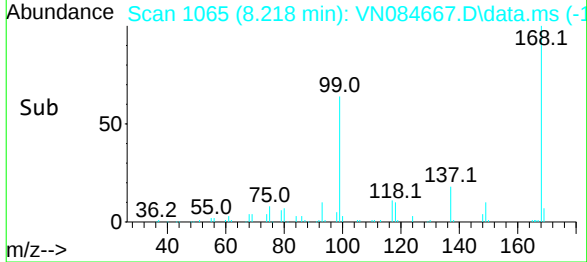
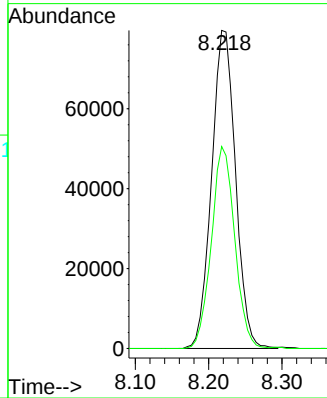


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.006 min
Lab File: VN084667.D
Acq: 04 Nov 2024 19:06

Instrument :
MSVOA_N
ClientSampleId :
MH-1

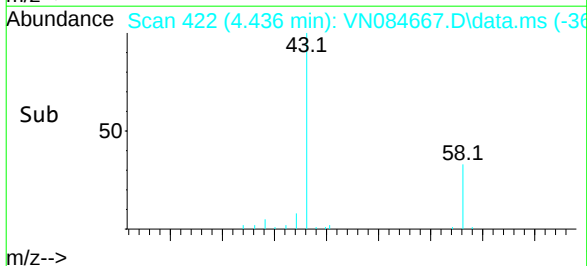
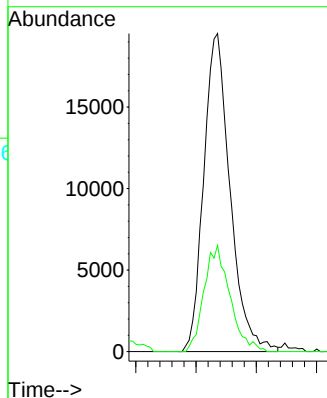
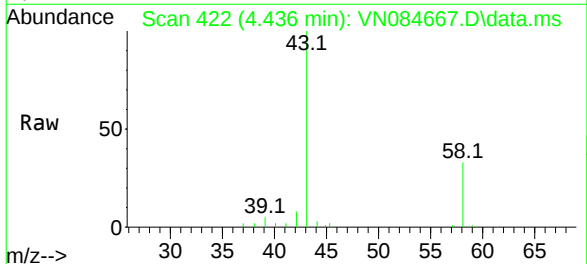


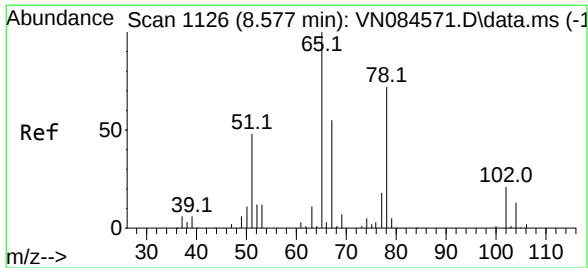
Tgt Ion:168 Resp: 180567
Ion Ratio Lower Upper
168 100
99 63.5 54.2 81.2



#16
Acetone
Concen: 76.684 ug/l
RT: 4.436 min Scan# 422
Delta R.T. 0.012 min
Lab File: VN084667.D
Acq: 04 Nov 2024 19:06

Tgt Ion: 43 Resp: 59260
Ion Ratio Lower Upper
43 100
58 33.4 24.4 36.6

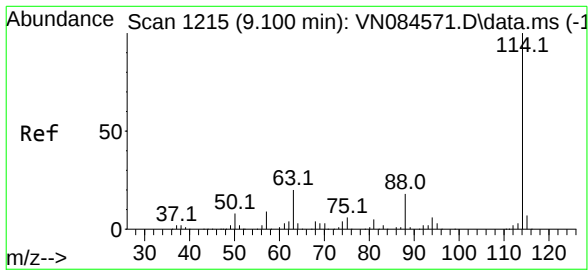
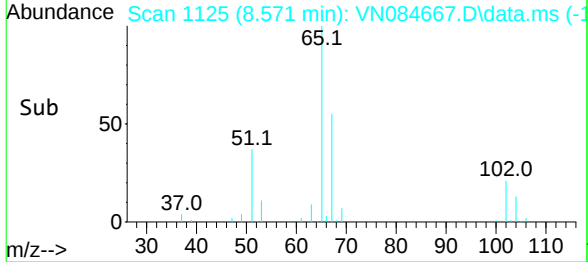
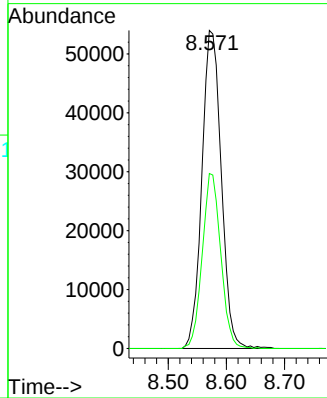
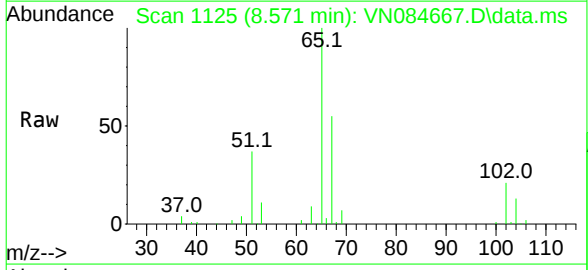




#33
1,2-Dichloroethane-d4
Concen: 47.962 ug/l
RT: 8.571 min Scan# 1126
Delta R.T. -0.006 min
Lab File: VN084667.D
Acq: 04 Nov 2024 19:06

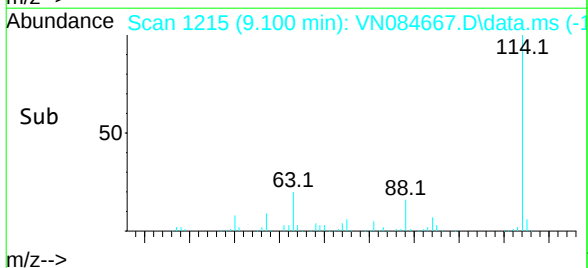
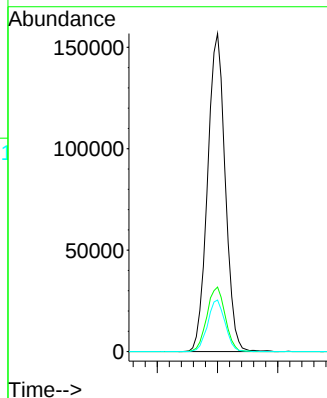
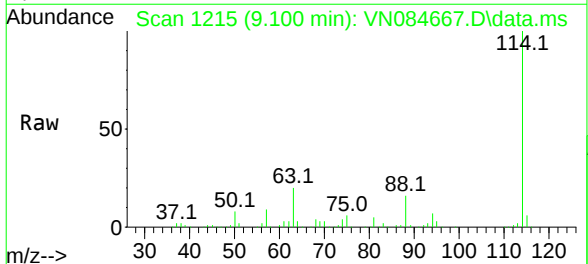
Instrument :
MSVOA_N
ClientSampleId :
MH-1

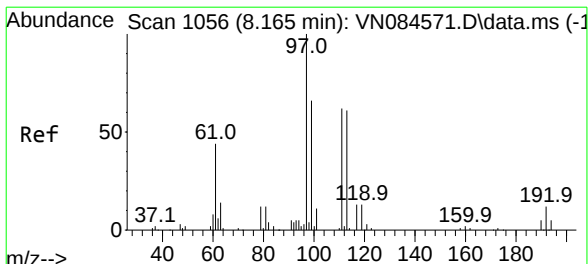
Tgt Ion: 65 Resp: 125085
Ion Ratio Lower Upper
65 100
67 52.4 0.0 102.0



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 1215
Delta R.T. 0.000 min
Lab File: VN084667.D
Acq: 04 Nov 2024 19:06

Tgt Ion: 114 Resp: 318837
Ion Ratio Lower Upper
114 100
63 20.3 0.0 43.8
88 16.2 0.0 31.6



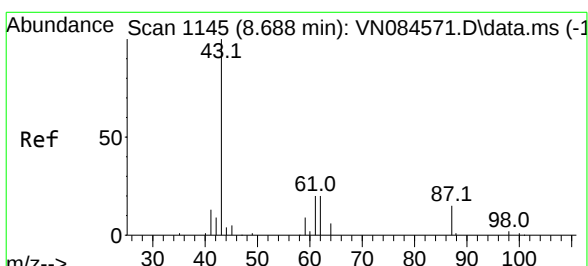
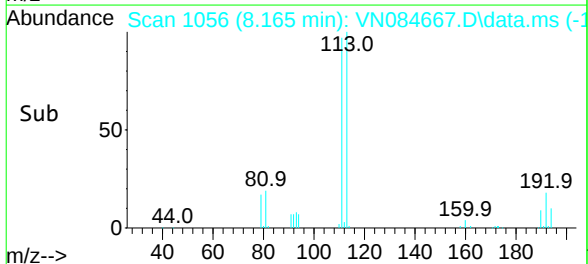
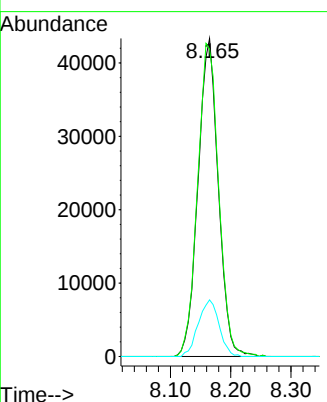
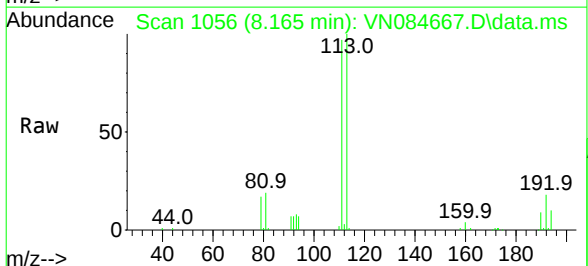


#35
 Dibromofluoromethane
 Concen: 47.003 ug/l
 RT: 8.165 min Scan# 1056
 Delta R.T. -0.000 min
 Lab File: VN084667.D
 Acq: 04 Nov 2024 19:06

Instrument :
 MSVOA_N
 ClientSampleId :
 MH-1

Tgt Ion: 113 Resp: 101439

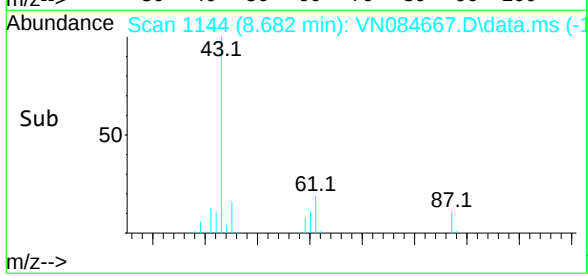
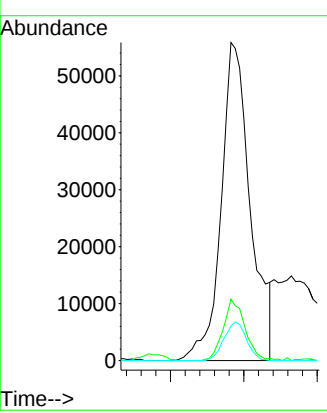
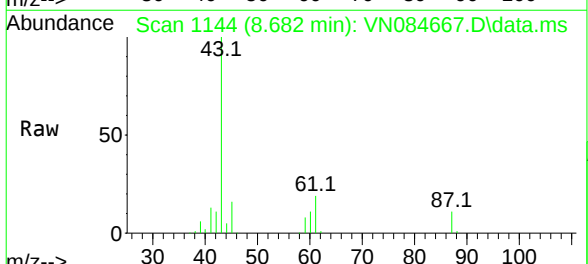
Ion	Ratio	Lower	Upper
113	100		
111	102.2	83.3	124.9
192	18.3	13.5	20.3

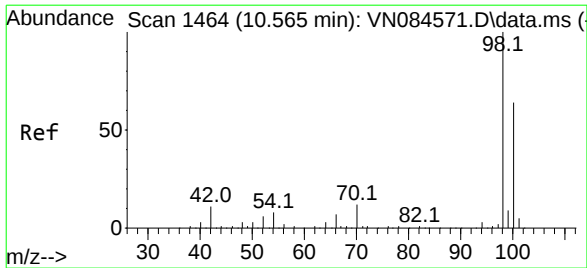


#43
 Isopropyl Acetate
 Concen: 30.561 ug/l
 RT: 8.682 min Scan# 1144
 Delta R.T. -0.006 min
 Lab File: VN084667.D
 Acq: 04 Nov 2024 19:06

Tgt Ion: 43 Resp: 155202

Ion	Ratio	Lower	Upper
43	100		
61	14.4	20.4	30.6#
87	9.2	10.3	15.5#





#50

Toluene-d8

Concen: 47.881 ug/l

RT: 10.565 min Scan# 14

Delta R.T. -0.000 min

Lab File: VN084667.D

Acq: 04 Nov 2024 19:06

Instrument :

MSVOA_N

ClientSampleId :

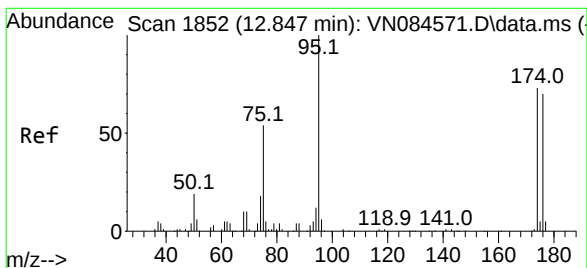
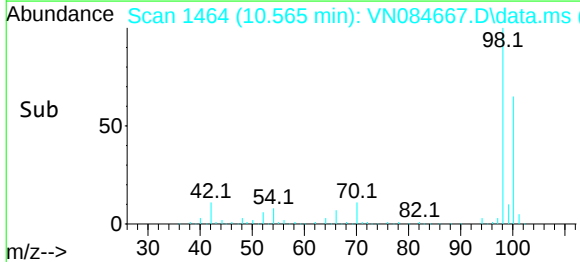
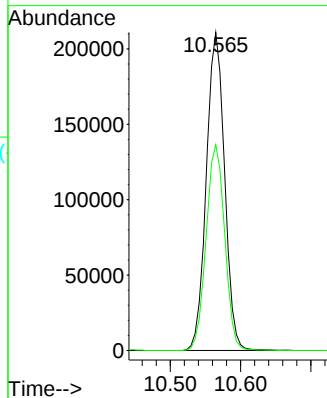
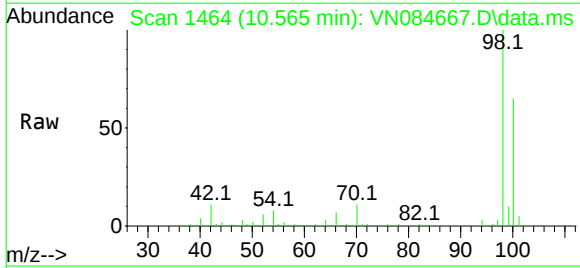
MH-1

Tgt Ion: 98 Resp: 380650

Ion Ratio Lower Upper

98 100

100 65.8 52.7 79.1



#62

4-Bromofluorobenzene

Concen: 48.353 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. -0.000 min

Lab File: VN084667.D

Acq: 04 Nov 2024 19:06

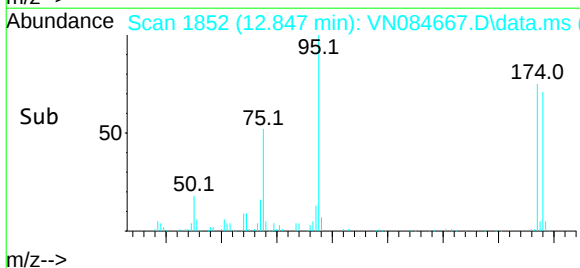
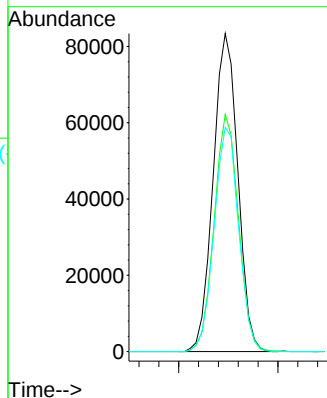
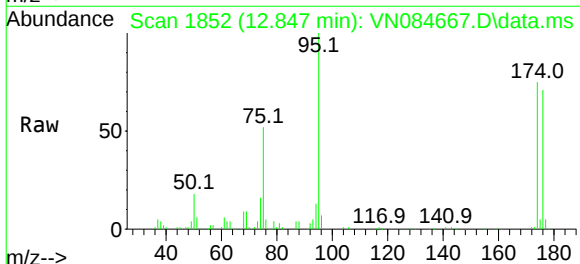
Tgt Ion: 95 Resp: 143664

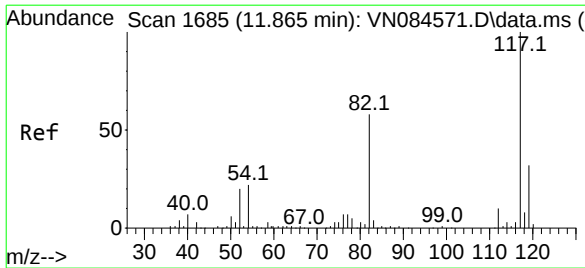
Ion Ratio Lower Upper

95 100

174 73.7 0.0 145.2

176 70.4 0.0 140.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.865 min Scan# 16

Delta R.T. -0.000 min

Lab File: VN084667.D

Acq: 04 Nov 2024 19:06

Instrument :

MSVOA_N

ClientSampleId :

MH-1

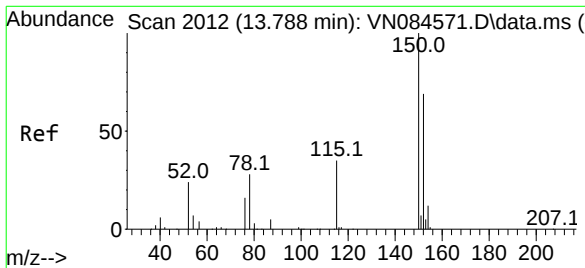
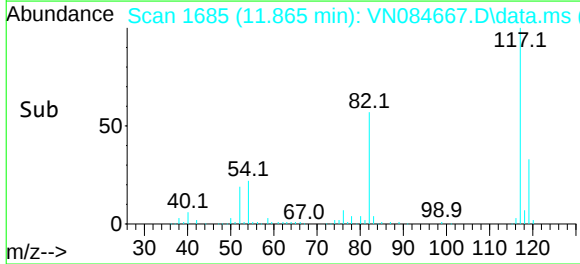
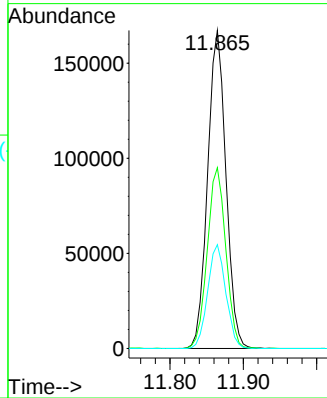
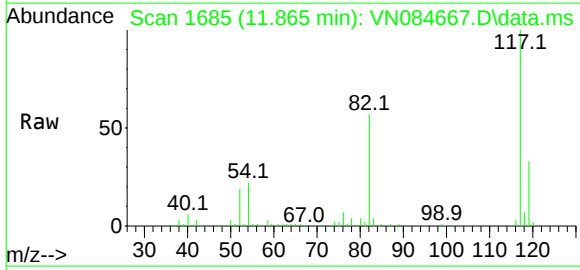
Tgt Ion:117 Resp: 289897

Ion Ratio Lower Upper

117 100

82 56.8 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: VN084667.D

Acq: 04 Nov 2024 19:06

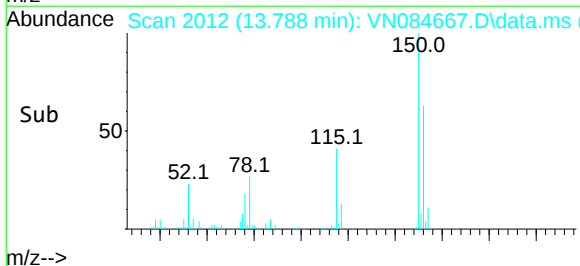
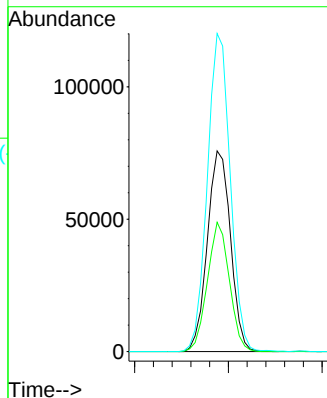
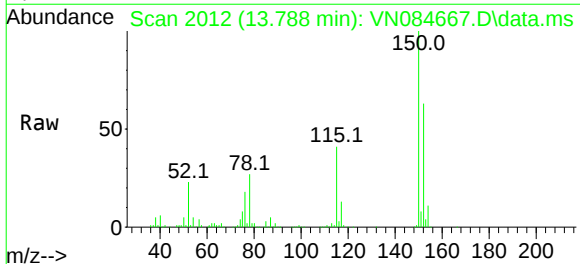
Tgt Ion:152 Resp: 130368

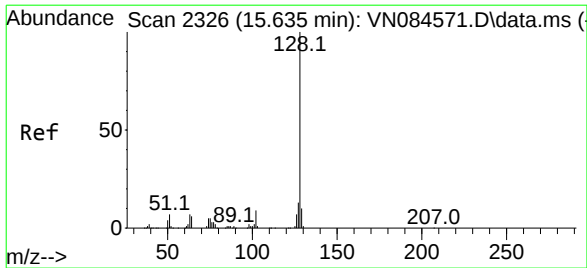
Ion Ratio Lower Upper

152 100

115 60.9 31.3 93.9

150 156.7 0.0 349.8





#95
Naphthalene
Concen: 3.122 ug/l
RT: 15.641 min Scan# 23
Delta R.T. 0.006 min
Lab File: VN084667.D
Acq: 04 Nov 2024 19:06

Instrument :
MSVOA_N
ClientSampleId :
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Tgt Ion:	128	Resp:	23557
Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.5	15.7
129	11.0	8.7	13.1

