

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111224\
 Data File : VN084806.D
 Acq On : 12 Nov 2024 19:14
 Operator : JC\MD
 Sample : P4807-12
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 BF-F13

Quant Time: Nov 13 02:36:11 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)

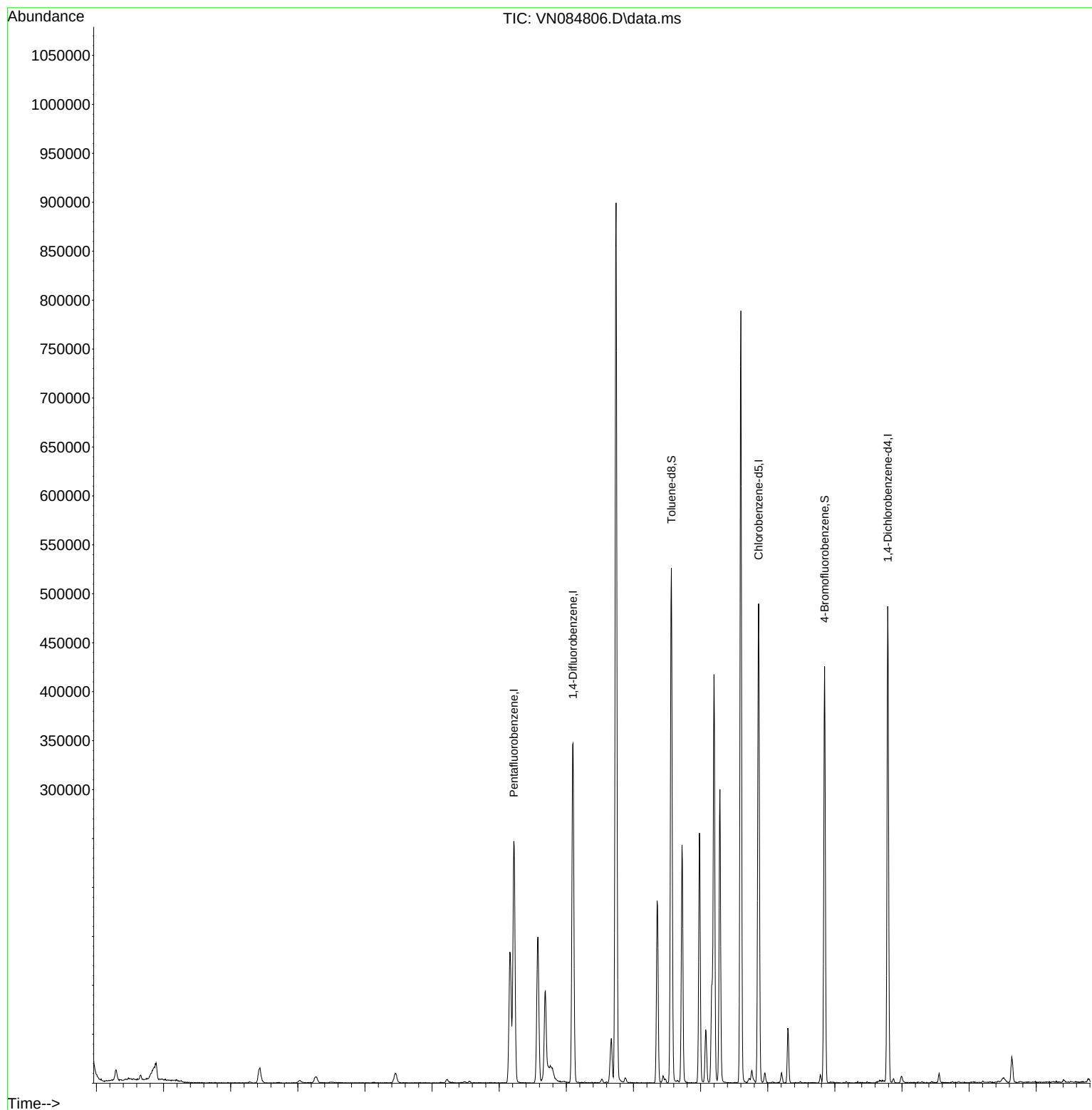
Internal Standards						
1) Pentafluorobenzene	8.218	168	181328	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	308155	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	284641	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	131478	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	122508	46.777	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	93.560%
35) Dibromofluoromethane	8.165	113	98228	47.093	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.180%
50) Toluene-d8	10.565	98	366267	47.669	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	95.340%
62) 4-Bromofluorobenzene	12.847	95	150083	52.265	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	104.520%
Target Compounds						
					Qvalue	
16) Acetone	4.436	43	29912	37.110	ug/l	98
20) Methylene Chloride	5.271	84	5602	2.432	ug/l #	85
43) Isopropyl Acetate	8.688	43	121837	24.638	ug/l #	87
95) Naphthalene	15.635	128	25474	3.347	ug/l	100

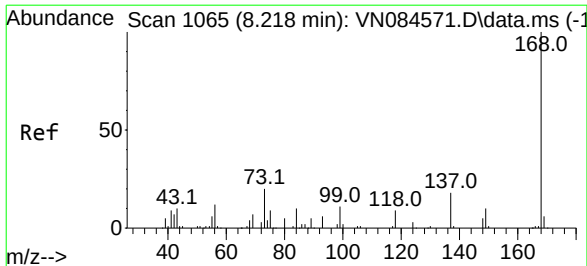
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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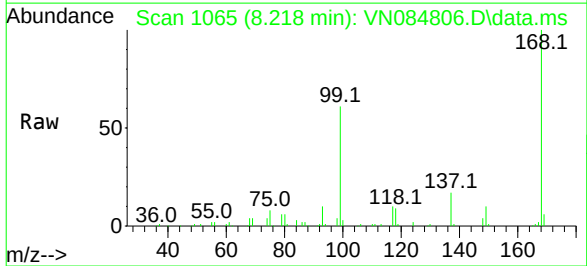
Quant Time: Nov 13 02:36:11 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N103024W.M
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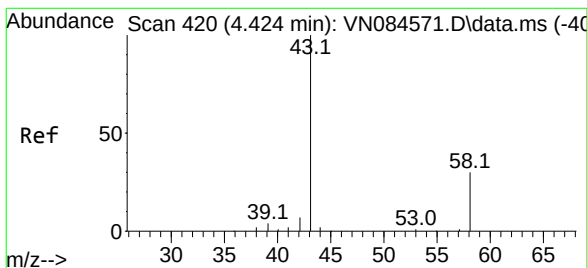
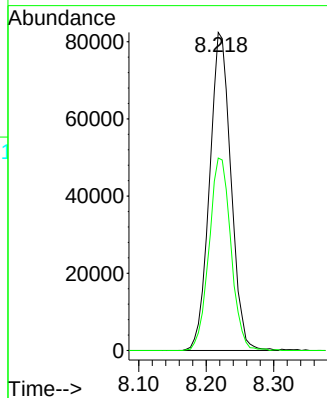
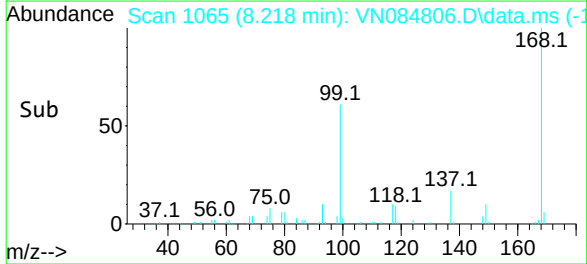


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.006 min
Lab File: VN084806.D
Acq: 12 Nov 2024 19:14

Instrument :
MSVOA_N
ClientSampleId :
BF-F13

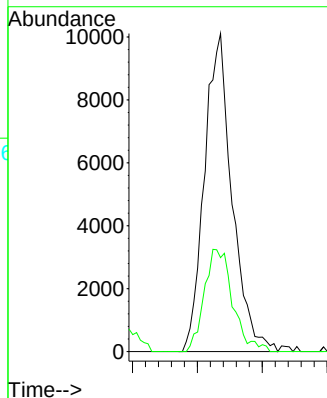
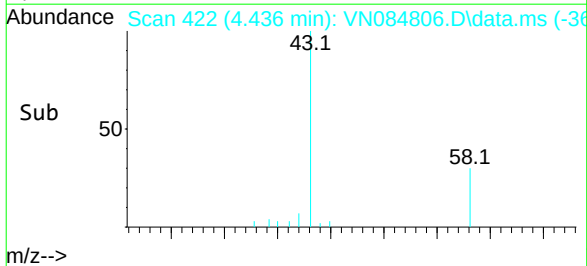
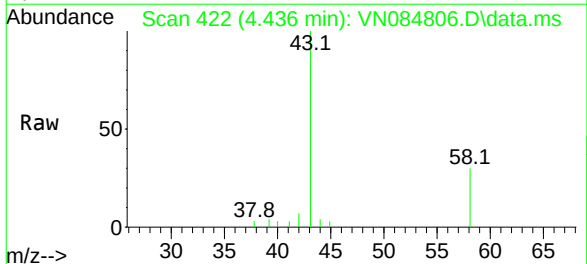


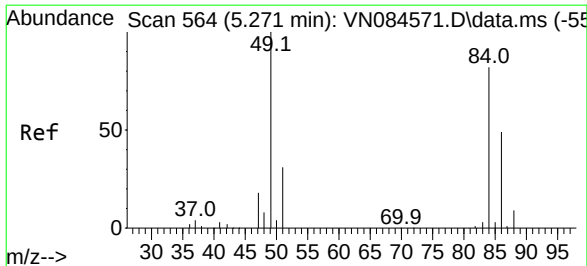
Tgt Ion: 168 Resp: 181328
Ion Ratio Lower Upper
168 100
99 60.5 54.2 81.2



#16
Acetone
Concen: 37.110 ug/l
RT: 4.436 min Scan# 422
Delta R.T. 0.012 min
Lab File: VN084806.D
Acq: 12 Nov 2024 19:14

Tgt Ion: 43 Resp: 29912
Ion Ratio Lower Upper
43 100
58 29.5 24.4 36.6





#20

Methylene Chloride

Concen: 2.432 ug/l

RT: 5.271 min Scan# 564

Delta R.T. -0.006 min

Lab File: VN084806.D

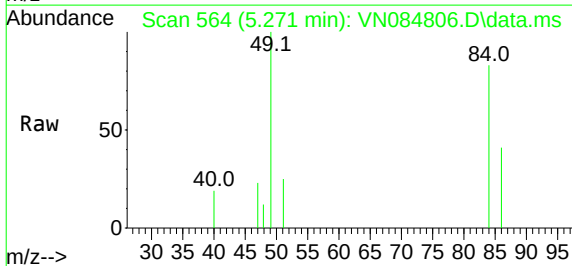
Acq: 12 Nov 2024 19:14

Instrument :

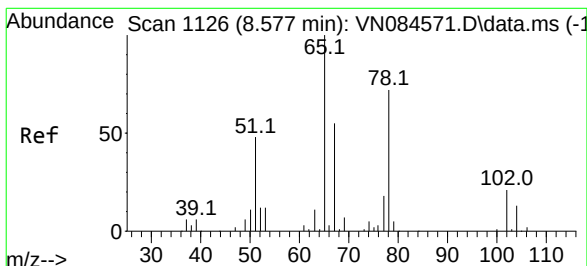
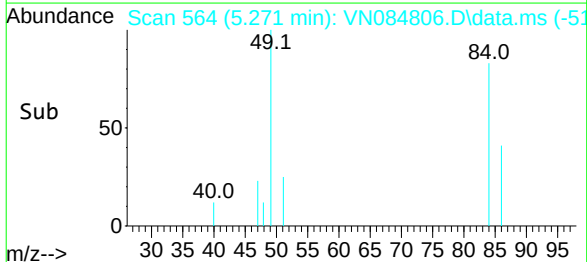
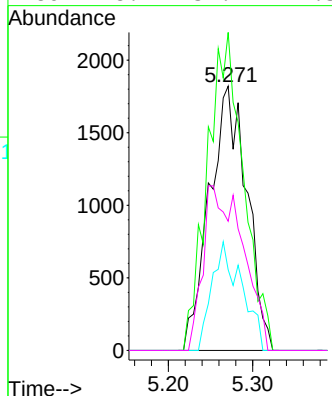
MSVOA_N

ClientSampleId :

BF-F13



Tgt Ion:	84	Resp:	5602
Ion	Ratio	Lower	Upper
84	100		
49	120.3	107.2	160.8
51	30.5	31.8	47.8#
86	48.9	52.9	79.3#



#33

1,2-Dichloroethane-d4

Concen: 46.777 ug/l

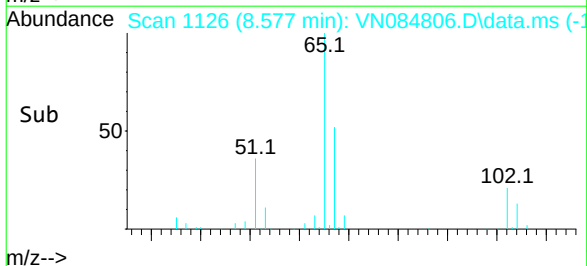
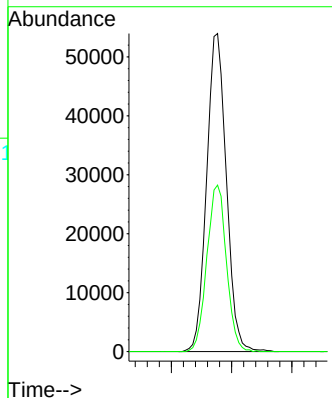
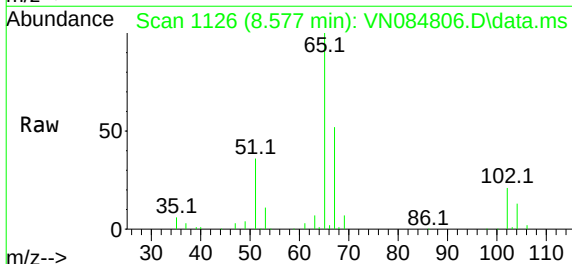
RT: 8.577 min Scan# 1126

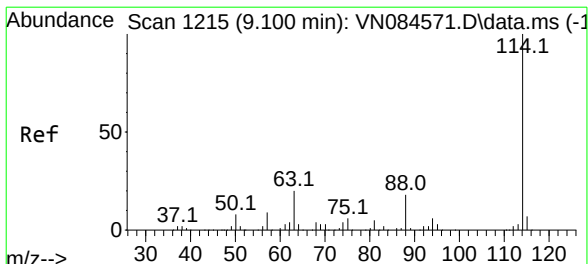
Delta R.T. -0.000 min

Lab File: VN084806.D

Acq: 12 Nov 2024 19:14

Tgt Ion:	65	Resp:	122508
Ion	Ratio	Lower	Upper
65	100		
67	52.0	0.0	102.0

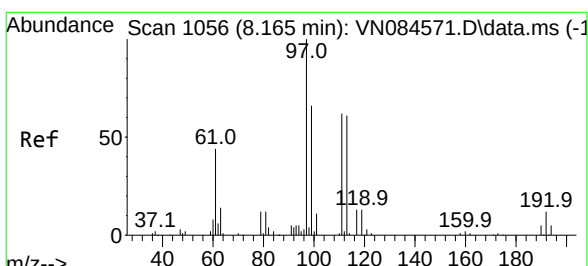
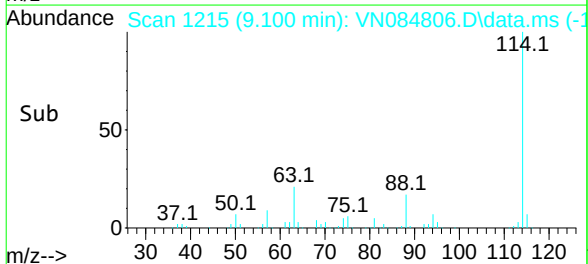
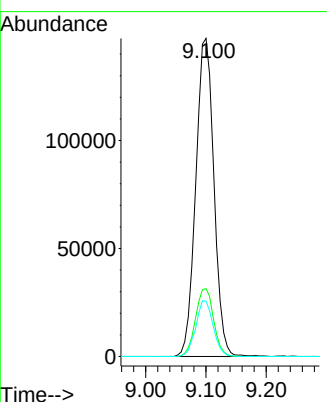
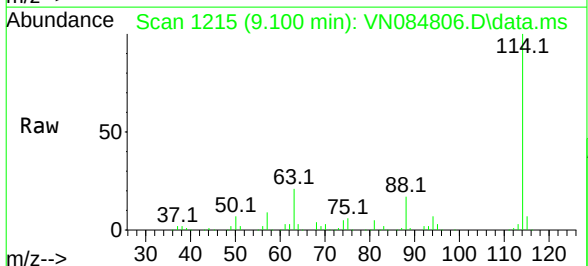




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.100 min Scan# 1215
 Delta R.T. 0.000 min
 Lab File: VN084806.D
 Acq: 12 Nov 2024 19:14

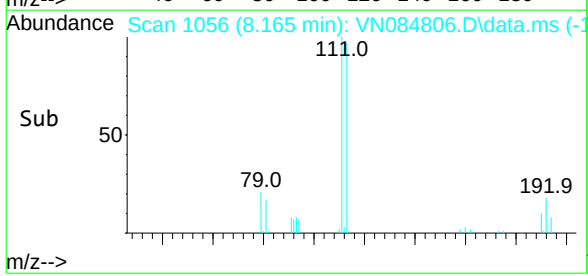
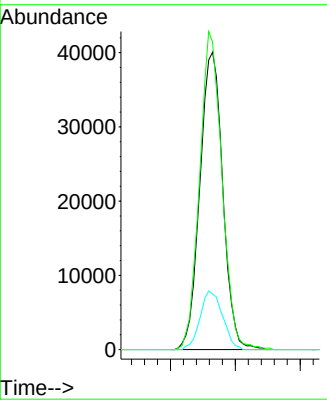
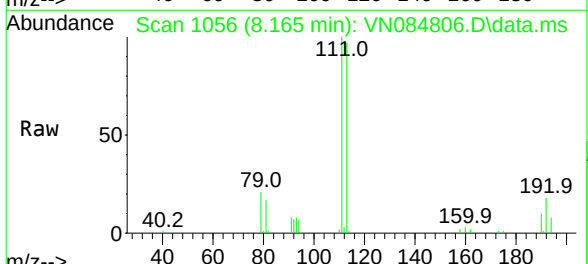
Instrument :
 MSVOA_N
 ClientSampleId :
 BF-F13

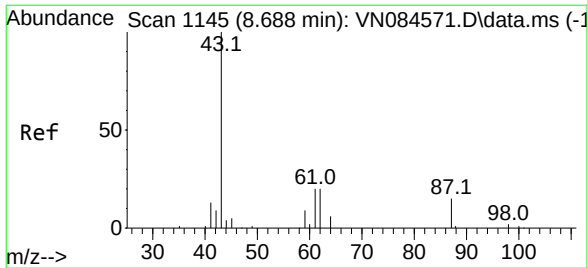
Tgt Ion:	114	Resp:	308155
Ion Ratio	Lower	Upper	
114	100		
63	21.3	0.0	43.8
88	17.4	0.0	31.6



#35
 Dibromofluoromethane
 Concen: 47.093 ug/l
 RT: 8.165 min Scan# 1056
 Delta R.T. -0.000 min
 Lab File: VN084806.D
 Acq: 12 Nov 2024 19:14

Tgt Ion:	113	Resp:	98228
Ion Ratio	Lower	Upper	
113	100		
111	104.4	83.3	124.9
192	19.4	13.5	20.3

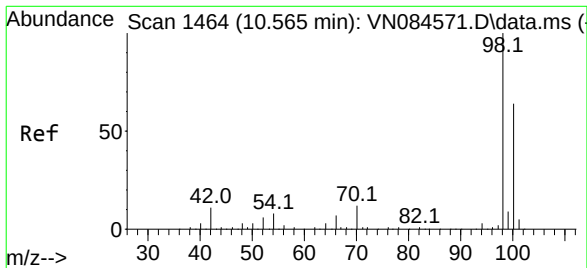
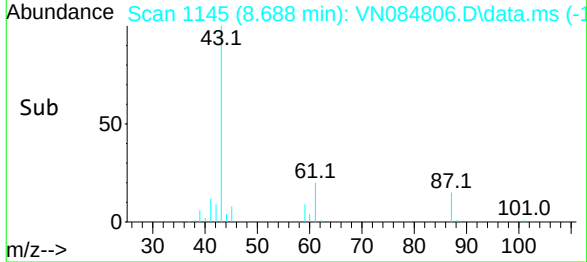
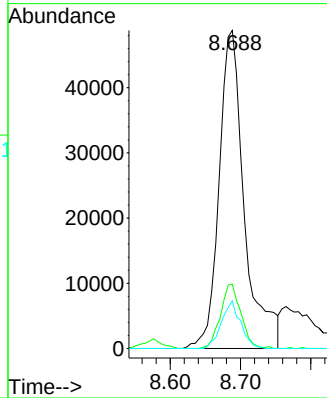
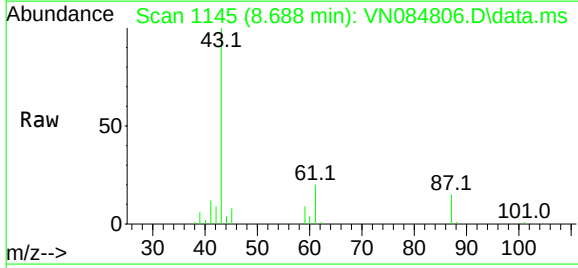




#43
Isopropyl Acetate
Concen: 24.638 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. 0.000 min
Lab File: VN084806.D
Acq: 12 Nov 2024 19:14

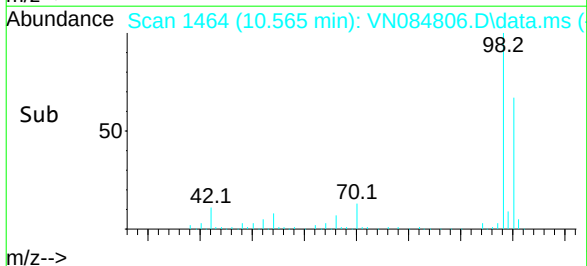
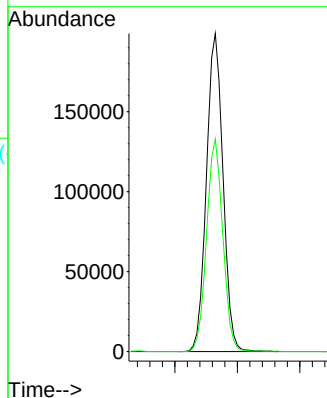
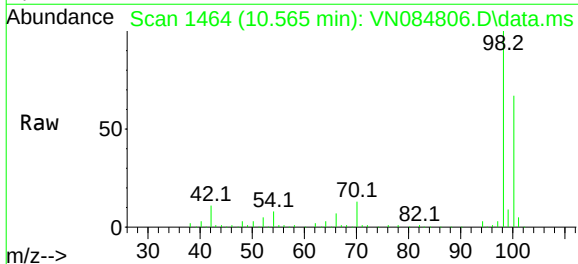
Instrument :
MSVOA_N
ClientSampleId :
BF-F13

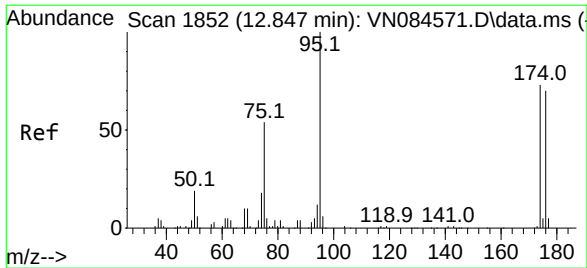
Tgt Ion: 43 Resp: 121837
Ion Ratio Lower Upper
43 100
61 16.4 20.4 30.6#
87 11.3 10.3 15.5



#50
Toluene-d8
Concen: 47.669 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN084806.D
Acq: 12 Nov 2024 19:14

Tgt Ion: 98 Resp: 366267
Ion Ratio Lower Upper
98 100
100 65.6 52.7 79.1





#62

4-Bromofluorobenzene

Concen: 52.265 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. -0.000 min

Lab File: VN084806.D

Acq: 12 Nov 2024 19:14

Instrument :

MSVOA_N

ClientSampleId :

BF-F13

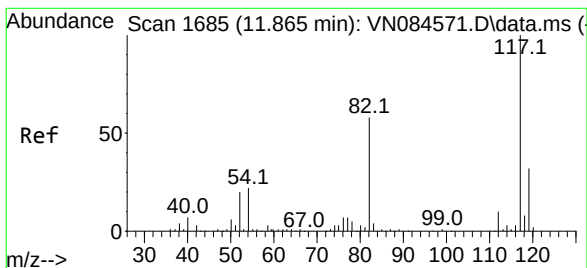
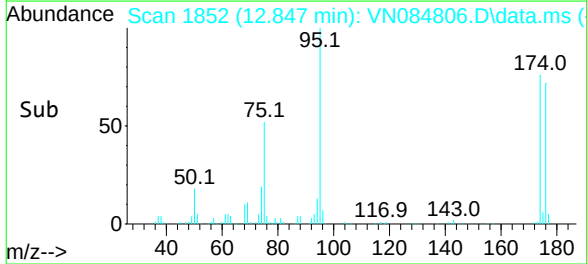
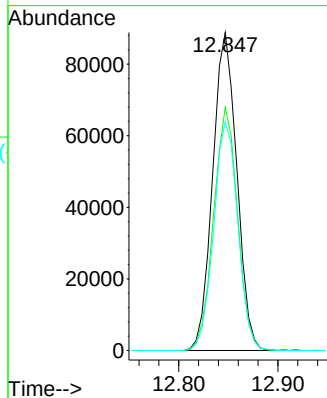
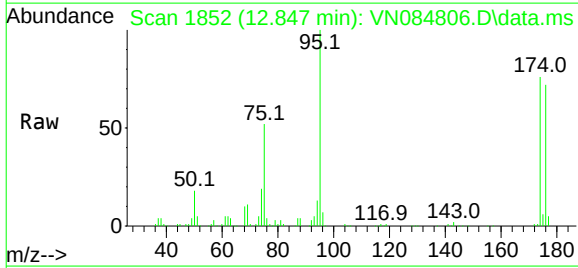
Tgt Ion: 95 Resp: 150083

Ion Ratio Lower Upper

95 100

174 75.8 0.0 145.2

176 71.9 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: VN084806.D

Acq: 12 Nov 2024 19:14

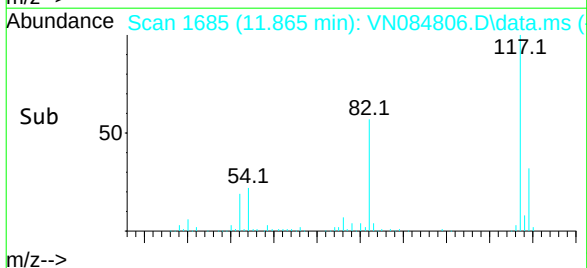
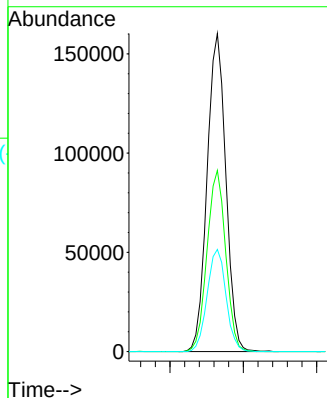
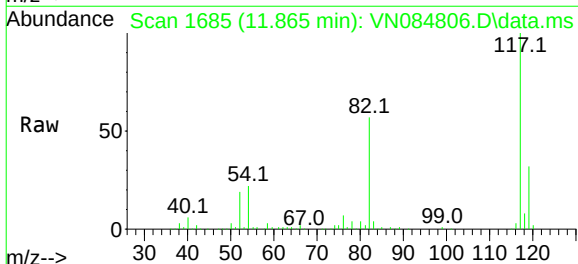
Tgt Ion: 117 Resp: 284641

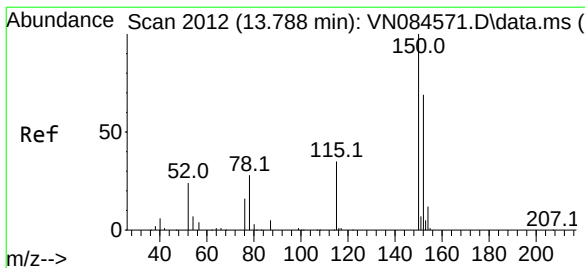
Ion Ratio Lower Upper

117 100

82 57.0 47.2 70.8

119 32.1 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: VN084806.D

Acq: 12 Nov 2024 19:14

Instrument :

MSVOA_N

ClientSampleId :

BF-F13

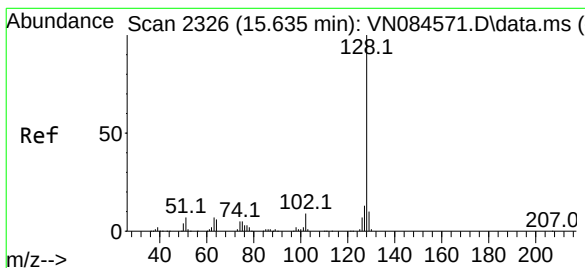
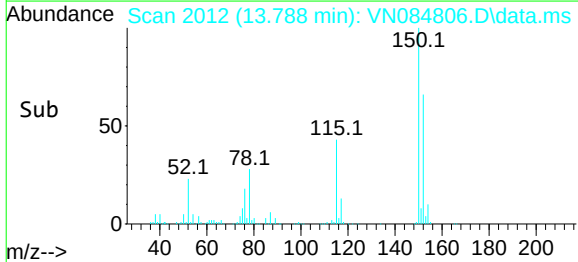
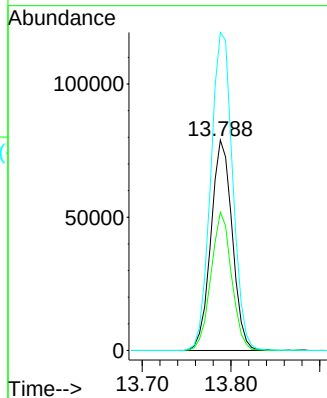
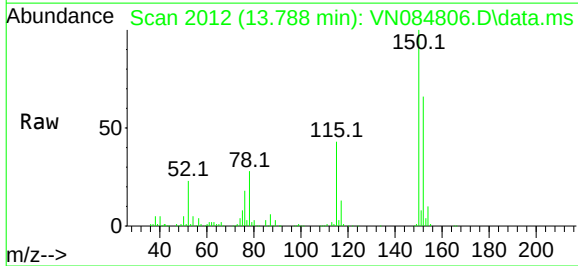
Tgt Ion:152 Resp: 131478

Ion Ratio Lower Upper

152 100

115 63.5 31.3 93.9

150 156.1 0.0 349.8



#95

Naphthalene

Concen: 3.347 ug/l

RT: 15.635 min Scan# 2326

Delta R.T. -0.000 min

Lab File: VN084806.D

Acq: 12 Nov 2024 19:14

Tgt Ion:128 Resp: 25474

Ion Ratio Lower Upper

128 100

127 13.1 10.5 15.7

129 11.0 8.7 13.1

