

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN100924\
 Data File : VN084362.D
 Acq On : 09 Oct 2024 13:09
 Operator : JC\MD
 Sample : P4321-04
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 IB-6

Quant Time: Oct 10 01:18:55 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)

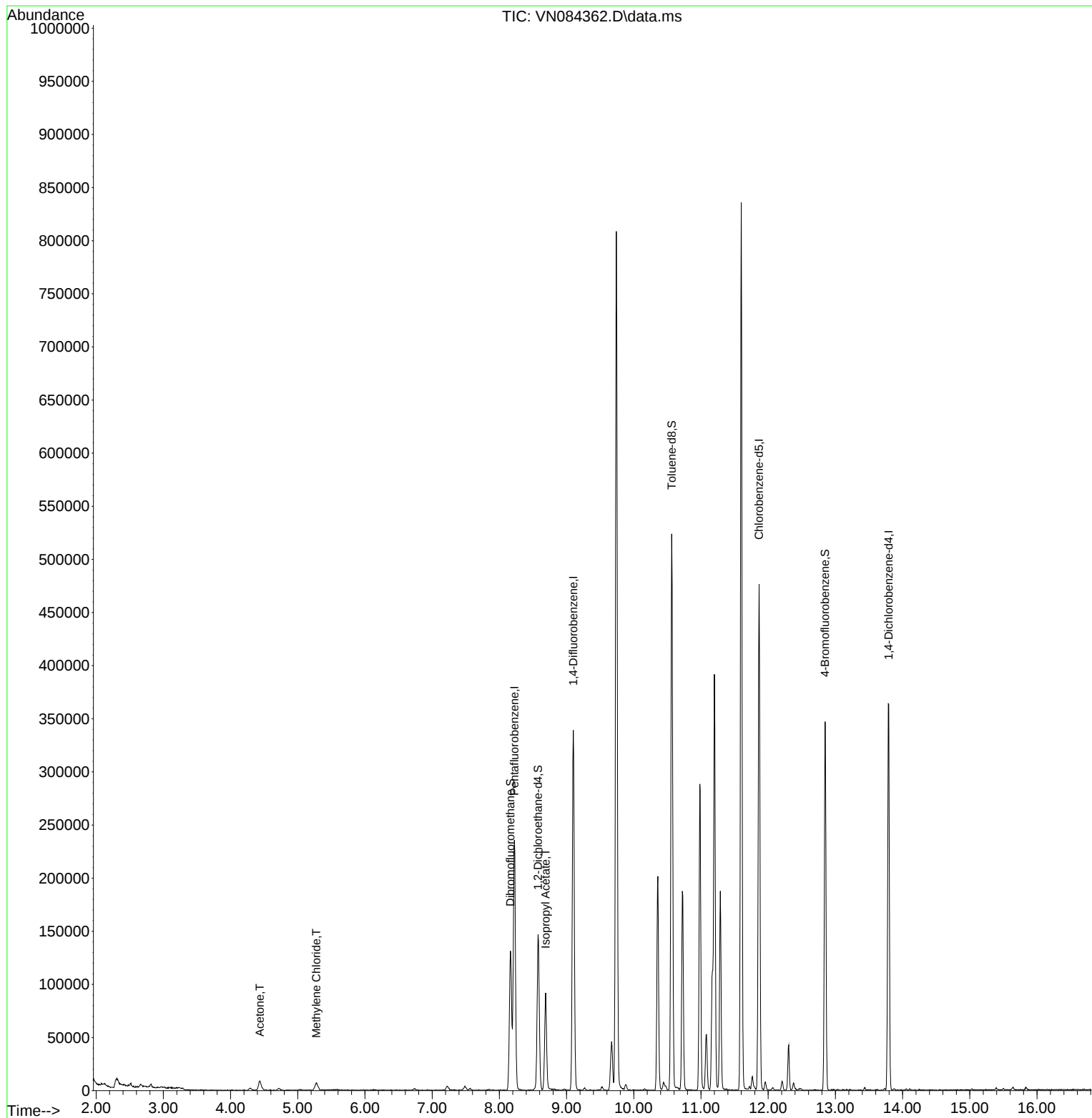
Internal Standards						
1) Pentafluorobenzene	8.224	168	167648	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	289381	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	267047	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	99325	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	120597	48.516	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	97.040%		
35) Dibromofluoromethane	8.165	113	95807	50.219	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	100.440%		
50) Toluene-d8	10.565	98	362072	51.585	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	103.180%		
62) 4-Bromofluorobenzene	12.847	95	123226	48.190	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	96.380%		
Target Compounds						
16) Acetone	4.436	43	17579	16.463	ug/l	95
20) Methylene Chloride	5.277	84	5618	2.588	ug/l #	81
43) Isopropyl Acetate	8.688	43	97887	17.579	ug/l #	92

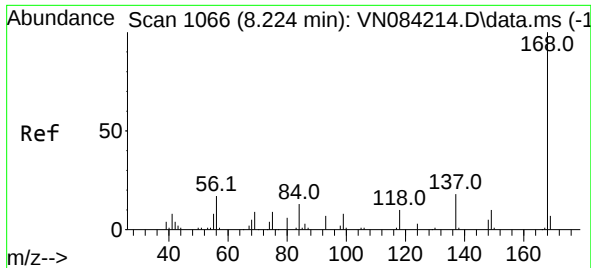
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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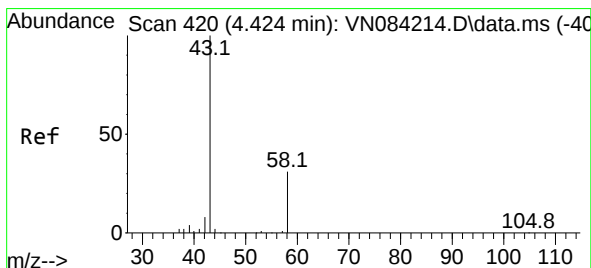
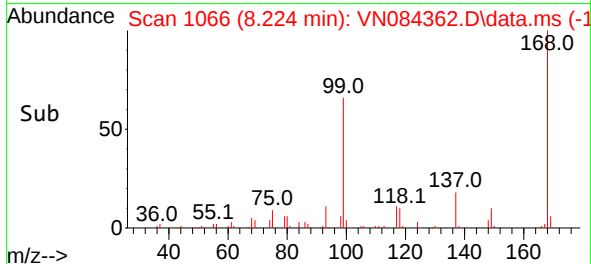
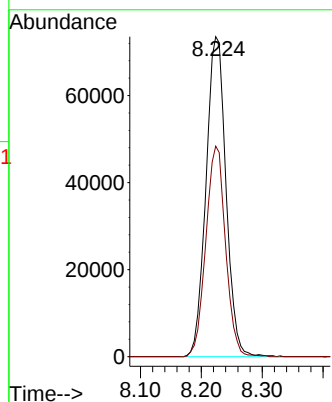
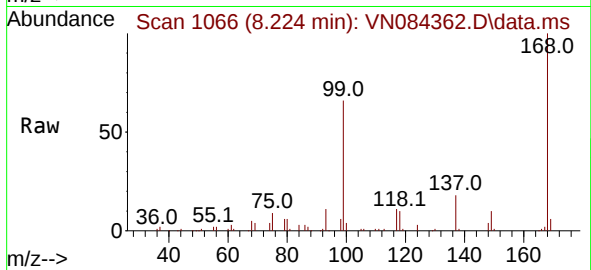




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN084362.D
Acq: 09 Oct 2024 13:09

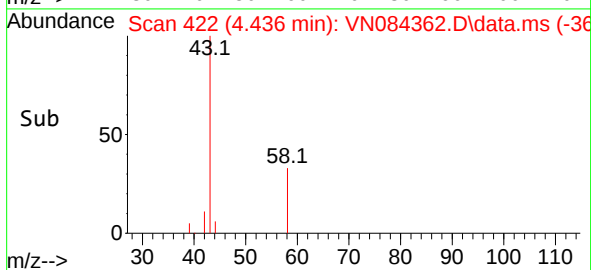
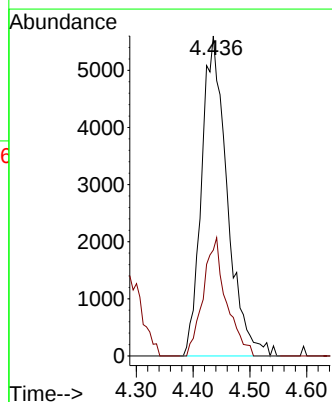
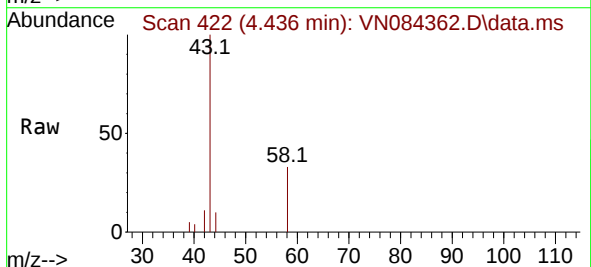
Instrument :
MSVOA_N
ClientSampleId :
IB-6

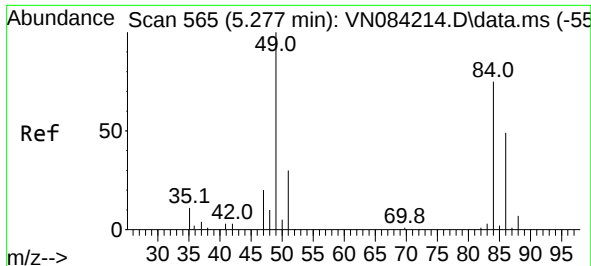
Tgt Ion:168 Resp: 167648
Ion Ratio Lower Upper
168 100
99 65.8 54.2 81.2



#16
Acetone
Concen: 16.463 ug/l
RT: 4.436 min Scan# 422
Delta R.T. 0.012 min
Lab File: VN084362.D
Acq: 09 Oct 2024 13:09

Tgt Ion: 43 Resp: 17579
Ion Ratio Lower Upper
43 100
58 33.1 24.4 36.6

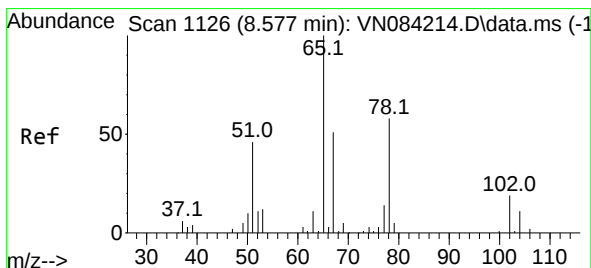
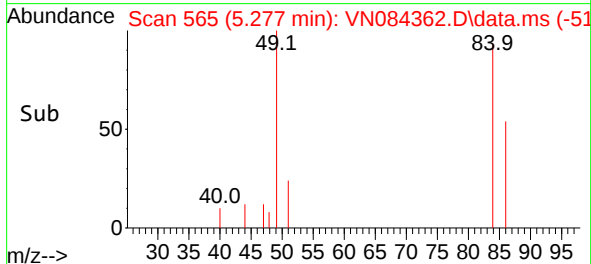
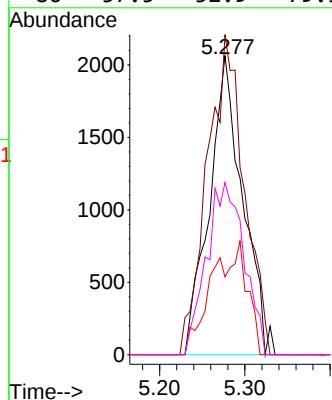
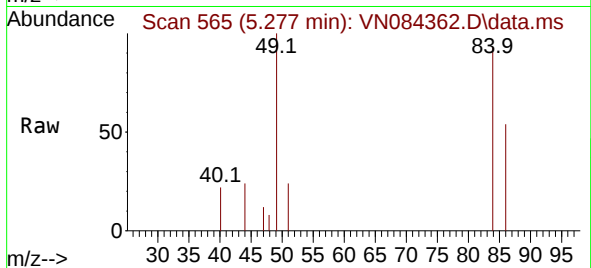




#20
Methylene Chloride
Concen: 2.588 ug/l
RT: 5.277 min Scan# 51
Delta R.T. -0.000 min
Lab File: VN084362.D
Acq: 09 Oct 2024 13:09

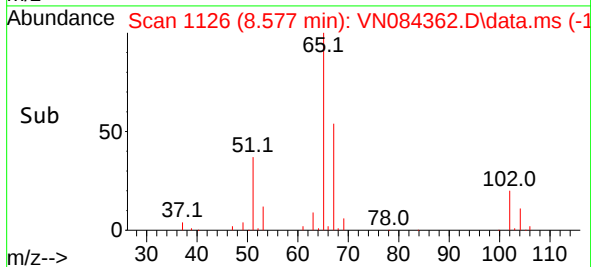
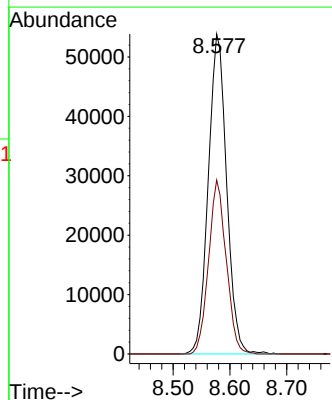
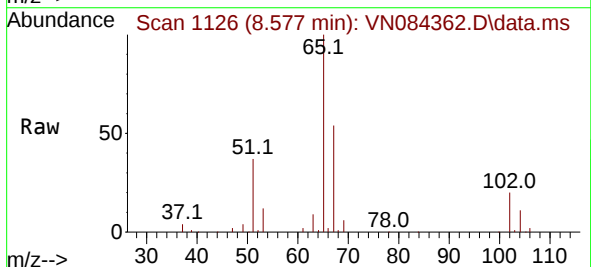
Instrument :
MSVOA_N
ClientSampleId :
IB-6

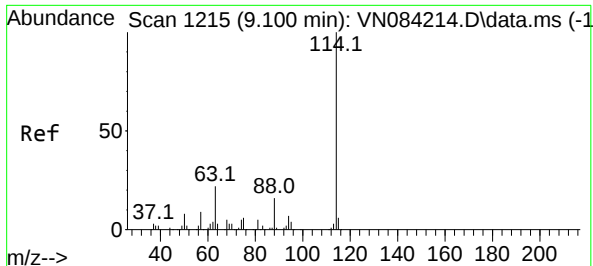
Tgt Ion:	84	Resp:	5618
Ion	Ratio	Lower	Upper
84	100		
49	107.1	107.2	160.8#
51	26.0	31.8	47.8#
86	57.5	52.9	79.3



#33
1,2-Dichloroethane-d4
Concen: 48.516 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN084362.D
Acq: 09 Oct 2024 13:09

Tgt Ion:	65	Resp:	120597
Ion	Ratio	Lower	Upper
65	100		
67	52.2	0.0	102.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN084362.D

Acq: 09 Oct 2024 13:09

Instrument :

MSVOA_N

ClientSampleId :

IB-6

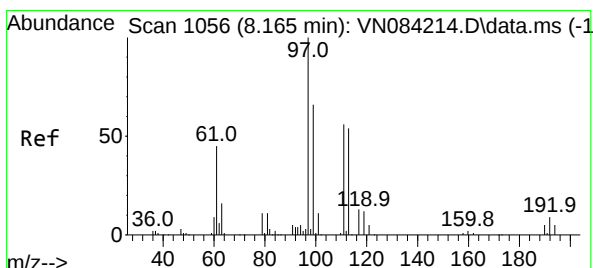
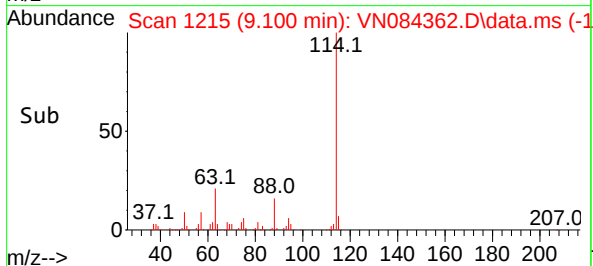
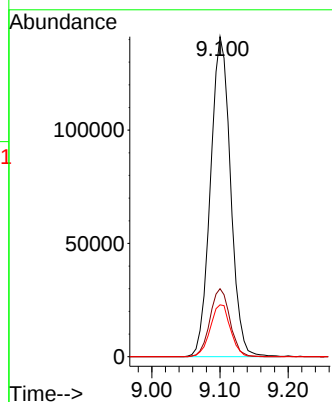
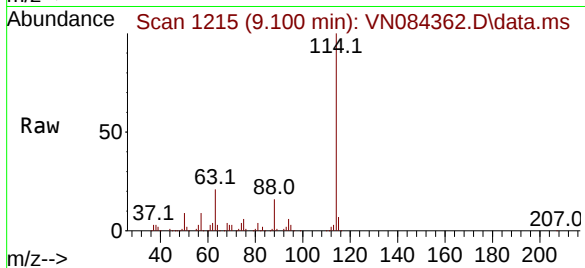
Tgt Ion:114 Resp: 289381

Ion Ratio Lower Upper

114 100

63 21.2 0.0 43.8

88 16.2 0.0 31.6



#35

Dibromofluoromethane

Concen: 50.219 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VN084362.D

Acq: 09 Oct 2024 13:09

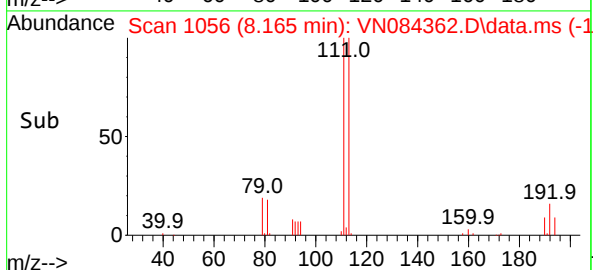
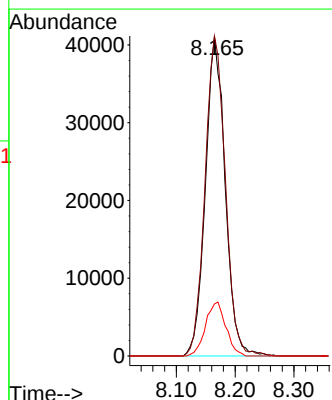
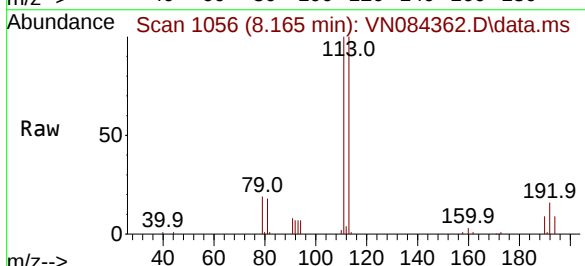
Tgt Ion:113 Resp: 95807

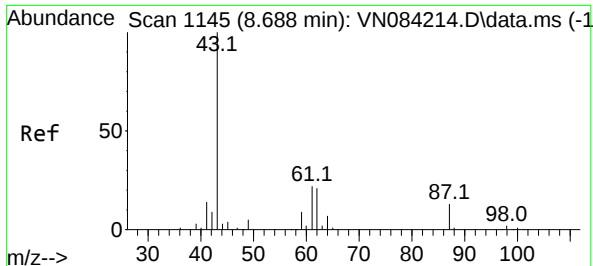
Ion Ratio Lower Upper

113 100

111 103.1 83.3 124.9

192 17.4 13.5 20.3

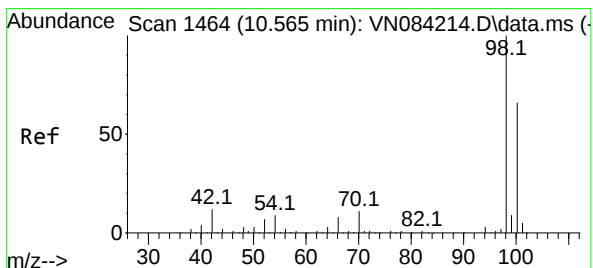
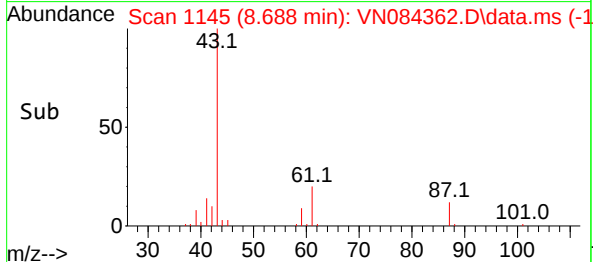
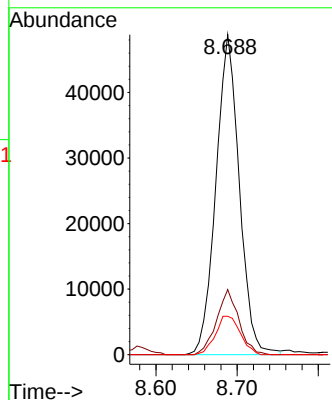
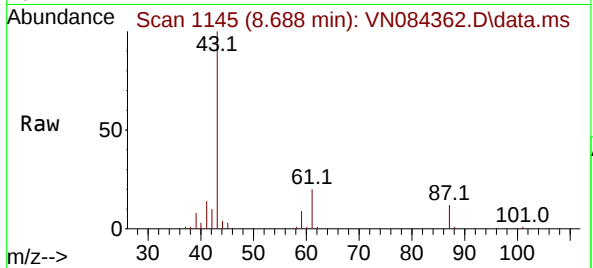




#43
Isopropyl Acetate
Concen: 17.579 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. -0.000 min
Lab File: VN084362.D
Acq: 09 Oct 2024 13:09

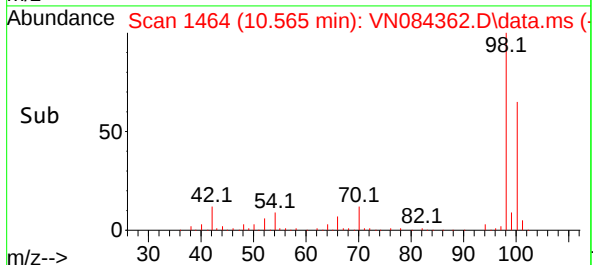
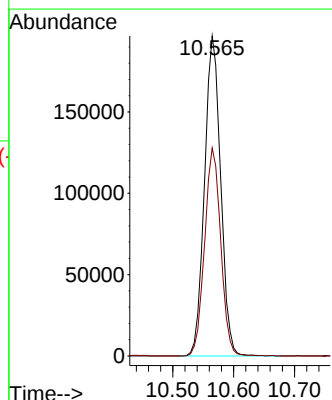
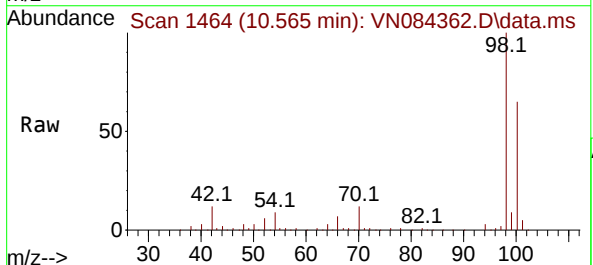
Instrument :
MSVOA_N
ClientSampleId :
IB-6

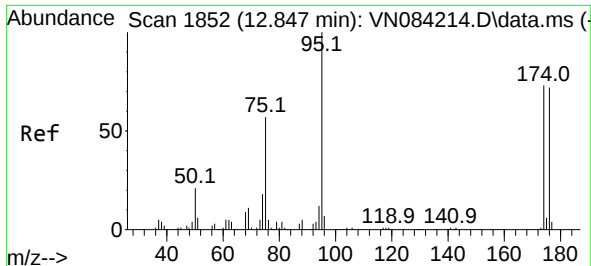
Tgt Ion: 43 Resp: 97887
Ion Ratio Lower Upper
43 100
61 19.4 20.4 30.6#
87 12.8 10.3 15.5



#50
Toluene-d8
Concen: 51.585 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN084362.D
Acq: 09 Oct 2024 13:09

Tgt Ion: 98 Resp: 362072
Ion Ratio Lower Upper
98 100
100 64.9 52.7 79.1

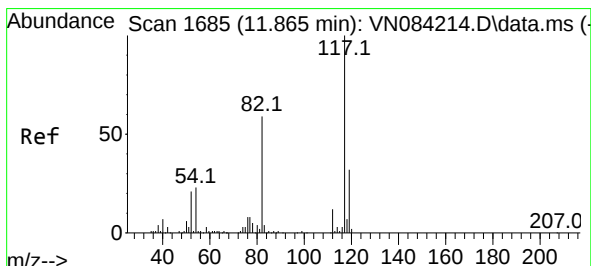
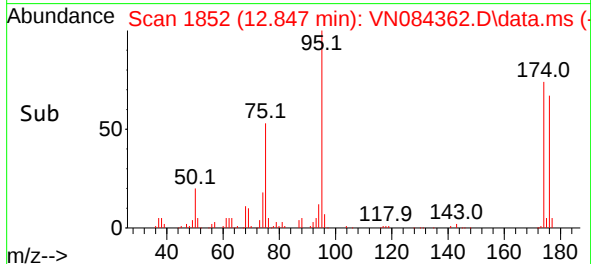
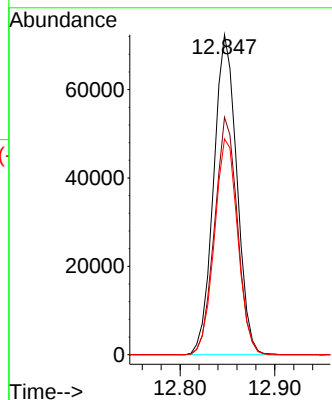
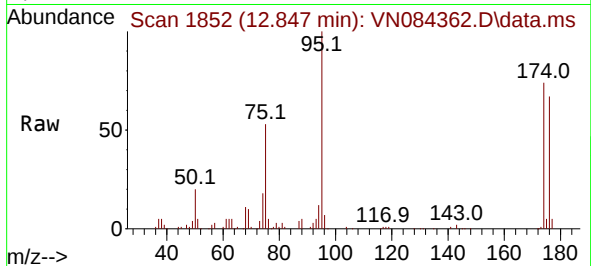




#62
4-Bromofluorobenzene
Concen: 48.190 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN084362.D
Acq: 09 Oct 2024 13:09

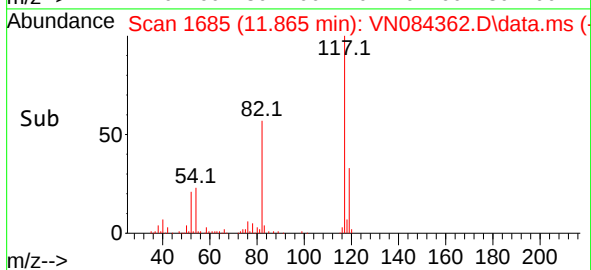
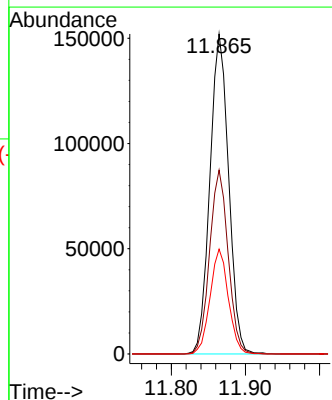
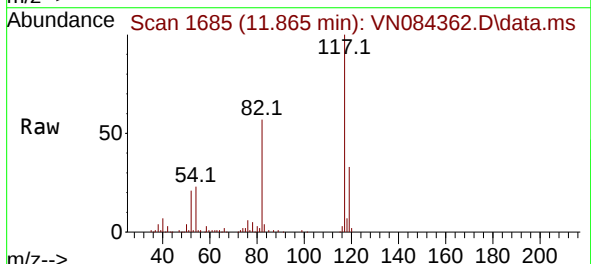
Instrument :
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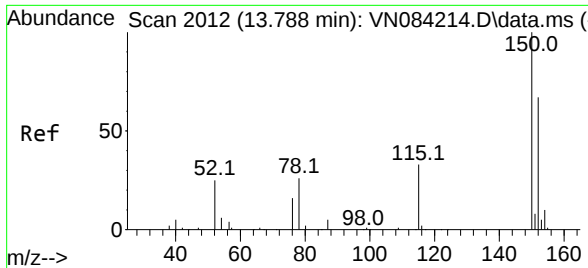
Tgt Ion: 95 Resp: 123226
Ion Ratio Lower Upper
95 100
174 73.2 0.0 145.2
176 68.2 0.0 140.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN084362.D
Acq: 09 Oct 2024 13:09

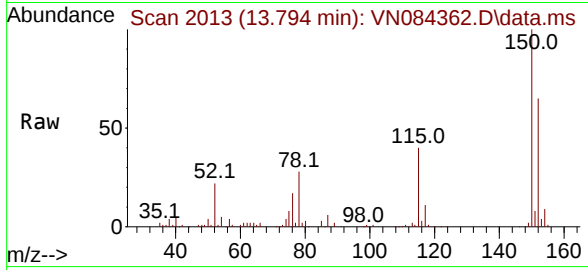
Tgt Ion: 117 Resp: 267047
Ion Ratio Lower Upper
117 100
82 57.5 47.2 70.8
119 32.8 25.4 38.0





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 20
 Delta R.T. 0.006 min
 Lab File: VN084362.D
 Acq: 09 Oct 2024 13:09

Instrument :
 MSVOA_N
 ClientSampleId :
 IB-6



Tgt Ion:	152	Resp:	99325
Ion	Ratio	Lower	Upper
152	100		
115	62.5	31.3	93.9
150	155.3	0.0	349.8

