

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102424\
 Data File : VN084486.D
 Acq On : 24 Oct 2024 14:22
 Operator : JC\MD
 Sample : PB164314TB
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB164314TB

Quant Time: Oct 25 02:00:43 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)

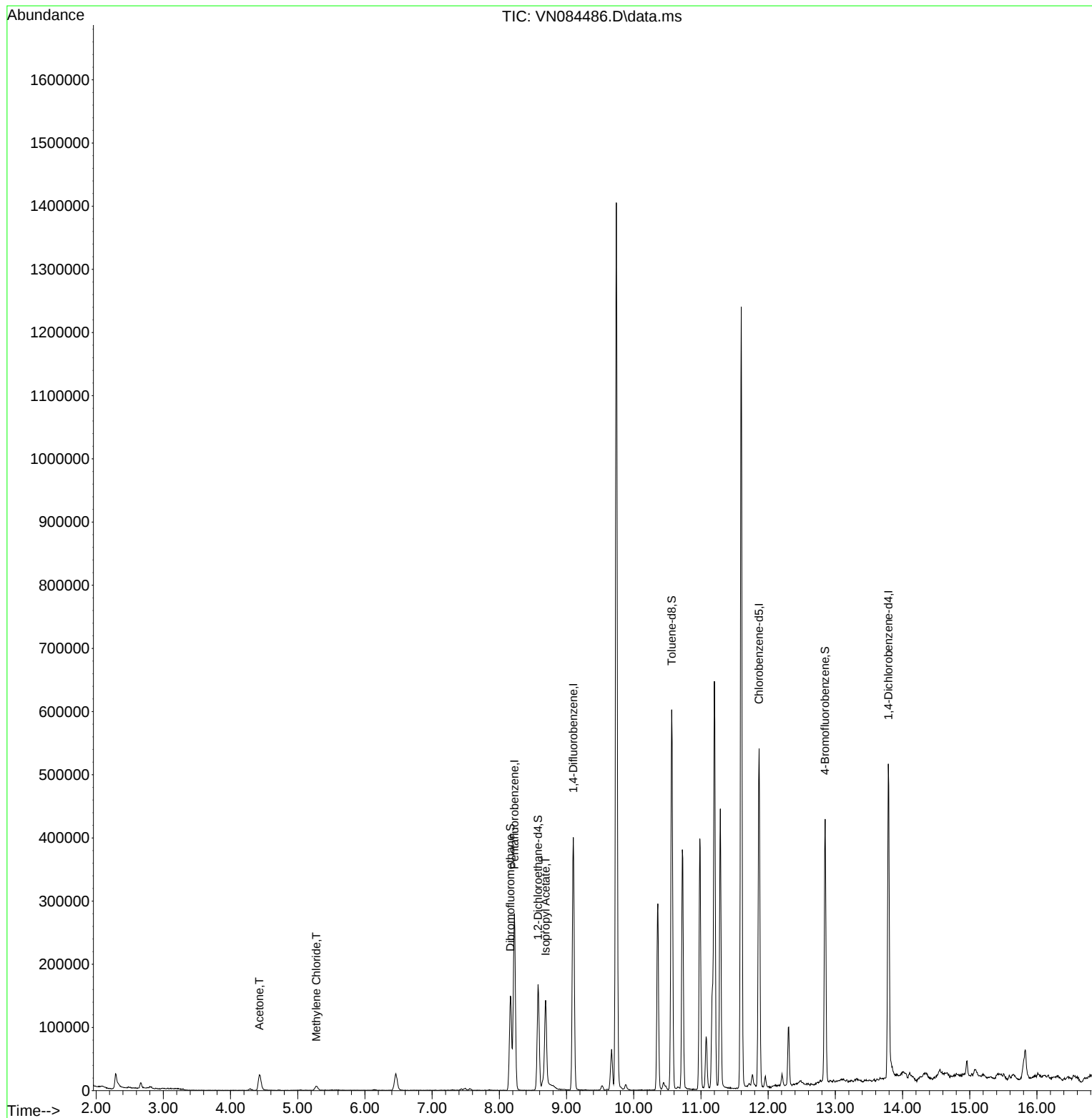
Internal Standards						
1) Pentafluorobenzene	8.224	168	195684	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	342841	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	303278	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	131007	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	135322	46.641	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	93.280%		
35) Dibromofluoromethane	8.165	113	108074	47.816	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	95.640%		
50) Toluene-d8	10.565	98	415536	49.971	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	99.940%		
62) 4-Bromofluorobenzene	12.847	95	147978	48.846	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	97.700%		
Target Compounds						
16) Acetone	4.430	43	48976	39.295	ug/l	100
20) Methylene Chloride	5.277	84	5515	2.177	ug/l	88
43) Isopropyl Acetate	8.688	43	180921	27.424	ug/l #	87

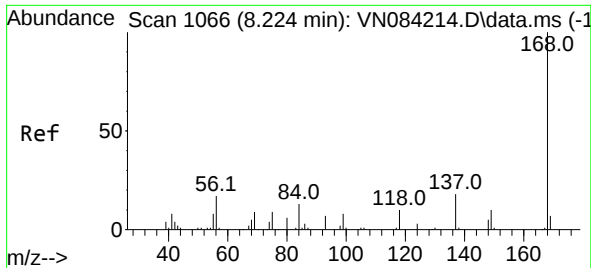
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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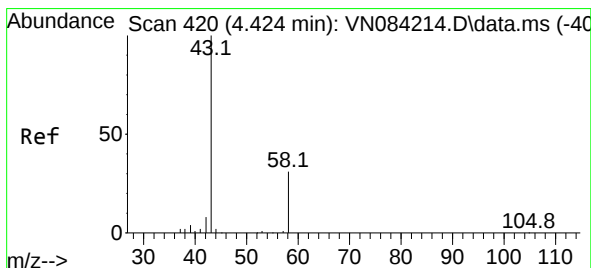
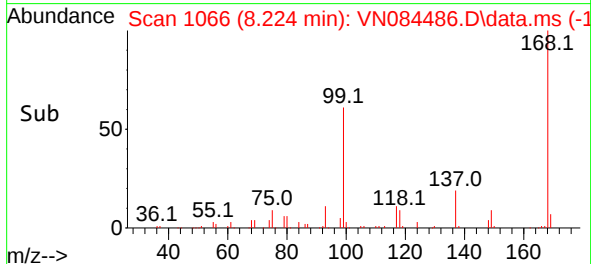
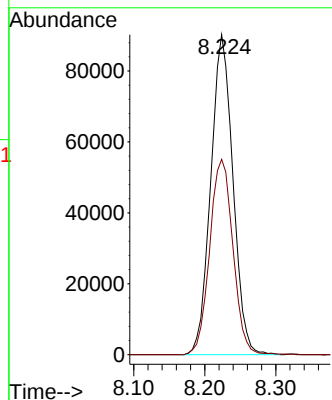
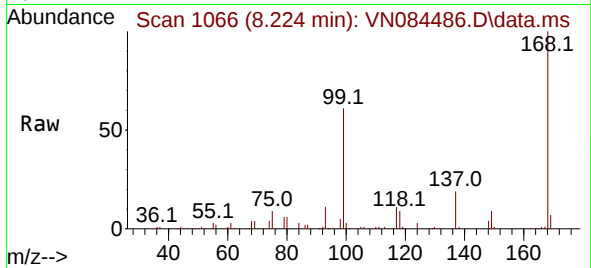




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN084486.D
Acq: 24 Oct 2024 14:22

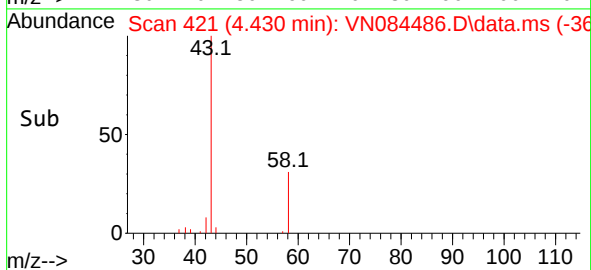
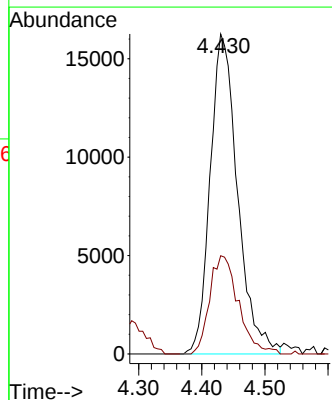
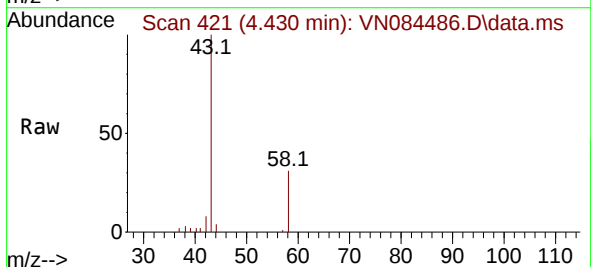
Instrument :
MSVOA_N
ClientSampleId :
PB164314TB

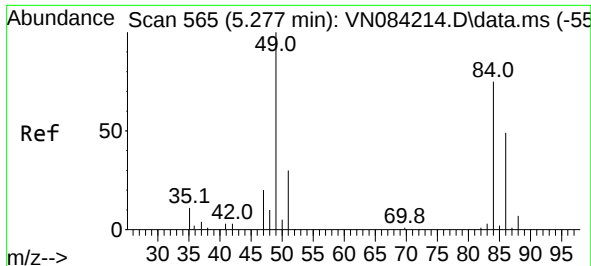
Tgt Ion:168 Resp: 195684
Ion Ratio Lower Upper
168 100
99 61.1 54.2 81.2



#16
Acetone
Concen: 39.295 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.006 min
Lab File: VN084486.D
Acq: 24 Oct 2024 14:22

Tgt Ion: 43 Resp: 48976
Ion Ratio Lower Upper
43 100
58 30.7 24.4 36.6

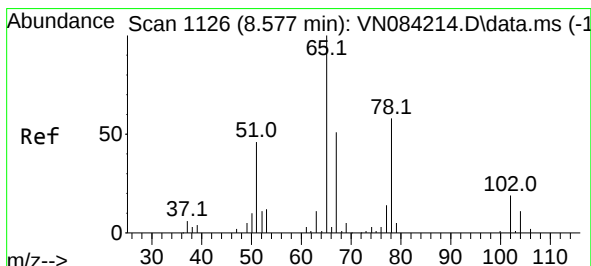
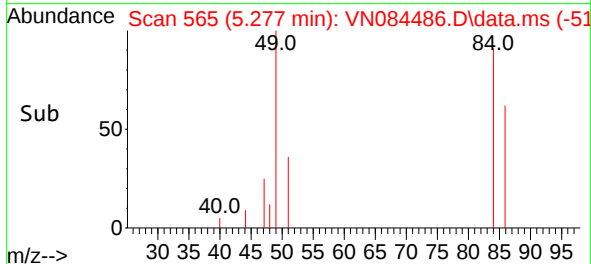
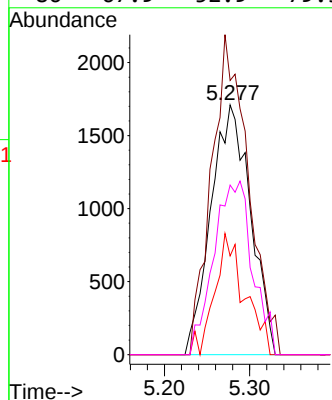
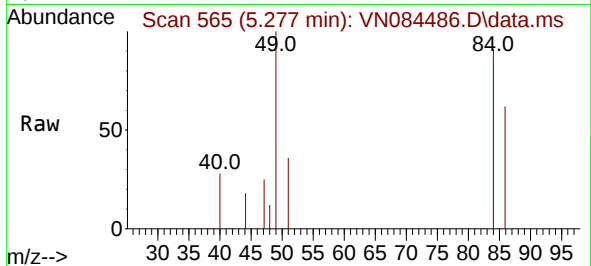




#20
Methylene Chloride
Concen: 2.177 ug/l
RT: 5.277 min Scan# 511
Delta R.T. 0.000 min
Lab File: VN084486.D
Acq: 24 Oct 2024 14:22

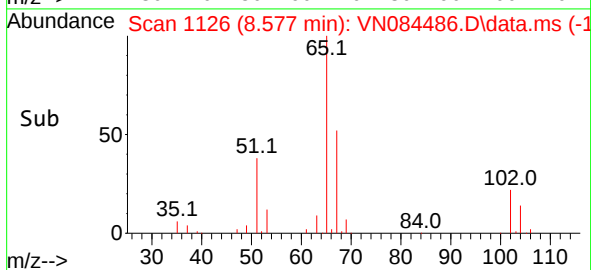
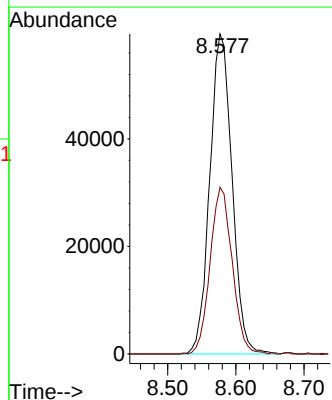
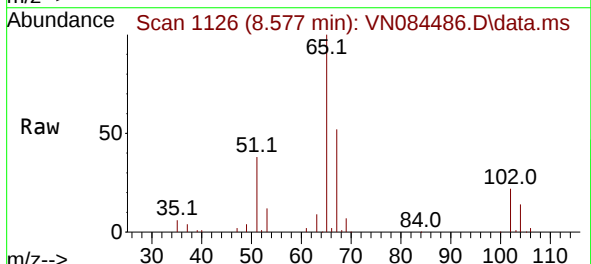
Instrument :
MSVOA_N
ClientSampleId :
PB164314TB

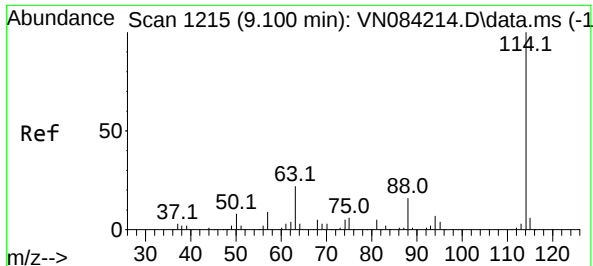
Tgt Ion: 84	Resp: 5515
Ion Ratio	Lower Upper
84 100	
49 109.8	107.2 160.8
51 39.5	31.8 47.8
86 67.9	52.9 79.3



#33
1,2-Dichloroethane-d4
Concen: 46.641 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VN084486.D
Acq: 24 Oct 2024 14:22

Tgt Ion: 65	Resp: 135322
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# 1

Delta R.T. 0.000 min

Lab File: VN084486.D

Acq: 24 Oct 2024 14:22

Instrument :

MSVOA_N

ClientSampleId :

PB164314TB

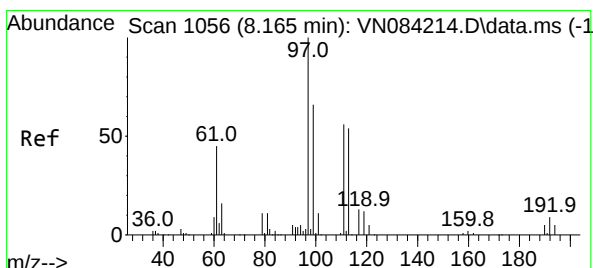
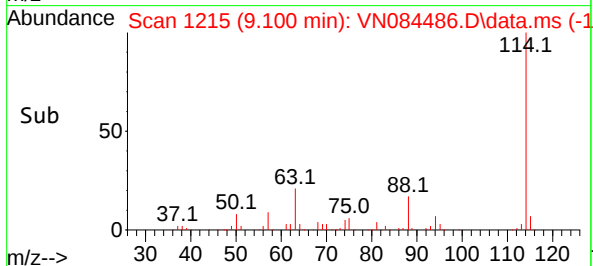
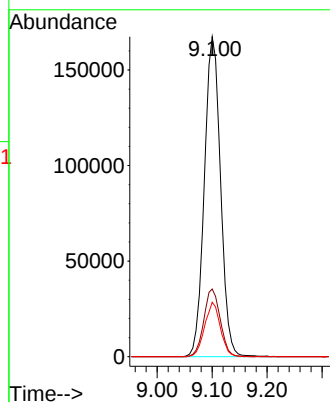
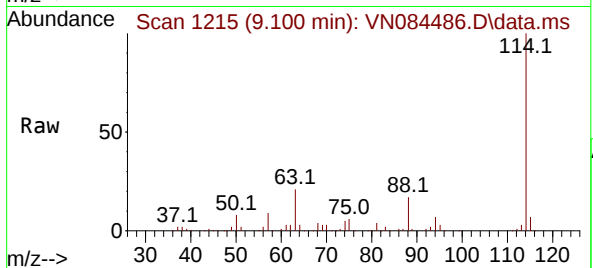
Tgt Ion:114 Resp: 342841

Ion Ratio Lower Upper

114 100

63 21.2 0.0 43.8

88 17.0 0.0 31.6



#35

Dibromofluoromethane

Concen: 47.816 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. 0.000 min

Lab File: VN084486.D

Acq: 24 Oct 2024 14:22

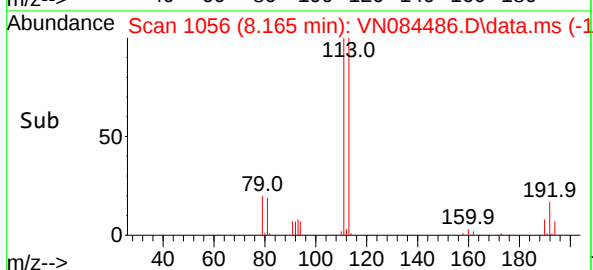
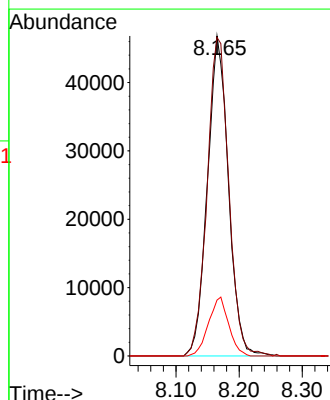
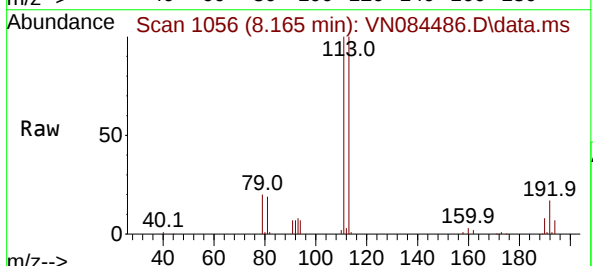
Tgt Ion:113 Resp: 108074

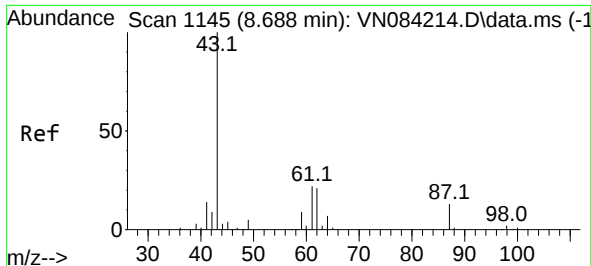
Ion Ratio Lower Upper

113 100

111 102.5 83.3 124.9

192 17.7 13.5 20.3

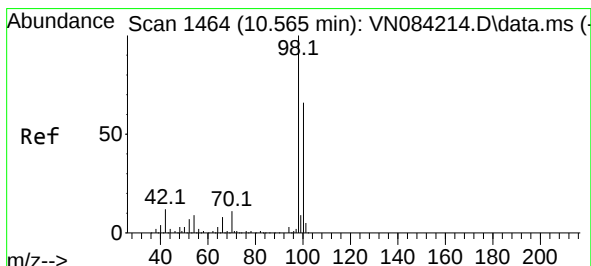
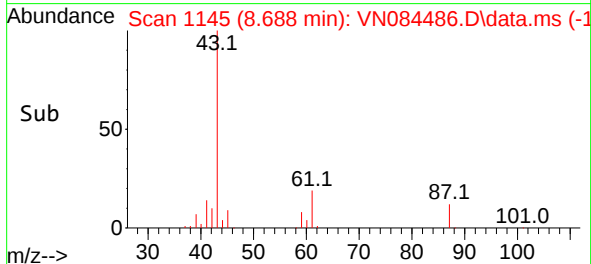
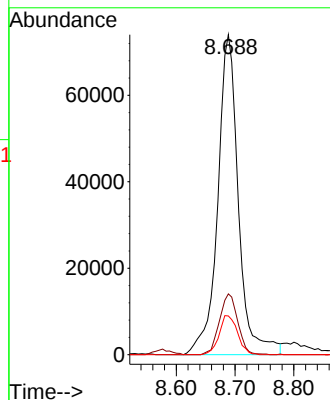
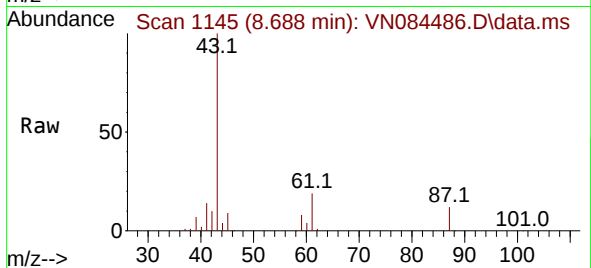




#43
Isopropyl Acetate
Concen: 27.424 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. 0.000 min
Lab File: VN084486.D
Acq: 24 Oct 2024 14:22

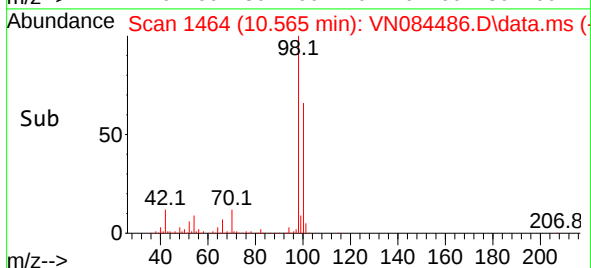
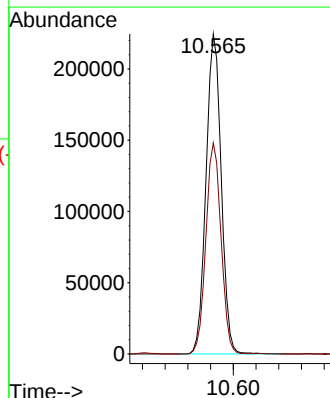
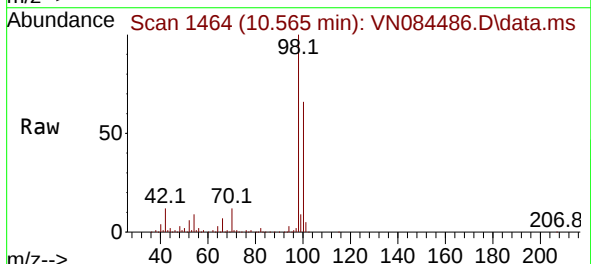
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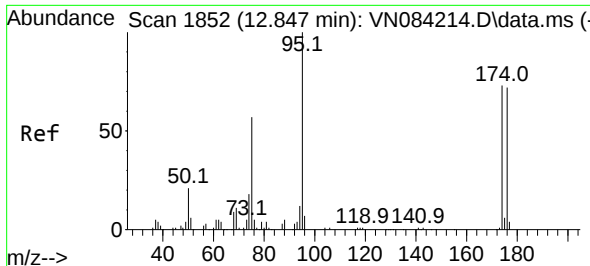
Tgt Ion: 43 Resp: 180921
Ion Ratio Lower Upper
43 100
61 16.8 20.4 30.6#
87 10.8 10.3 15.5



#50
Toluene-d8
Concen: 49.971 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VN084486.D
Acq: 24 Oct 2024 14:22

Tgt Ion: 98 Resp: 415536
Ion Ratio Lower Upper
98 100
100 65.8 52.7 79.1

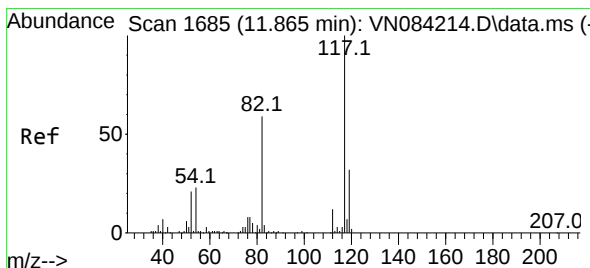
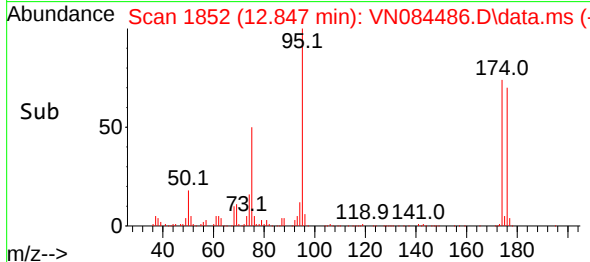
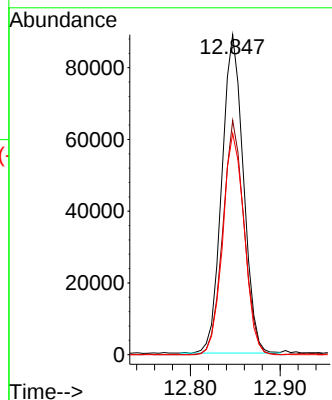
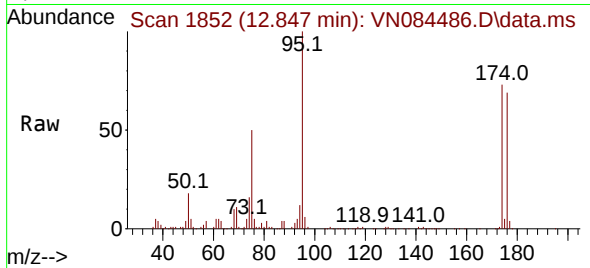




#62
4-Bromofluorobenzene
Concen: 48.846 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN084486.D
Acq: 24 Oct 2024 14:22

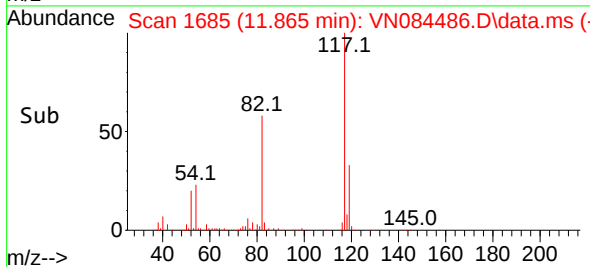
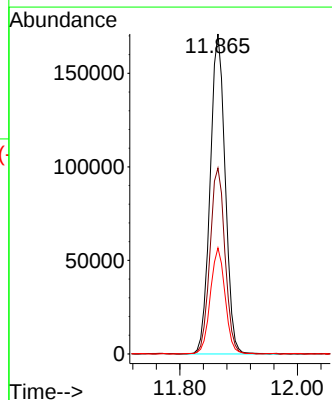
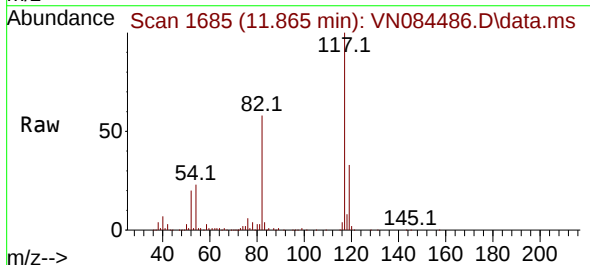
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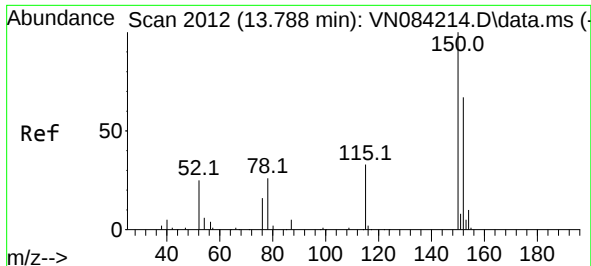
Tgt Ion: 95 Resp: 147978
Ion Ratio Lower Upper
95 100
174 72.5 0.0 145.2
176 69.4 0.0 140.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN084486.D
Acq: 24 Oct 2024 14:22

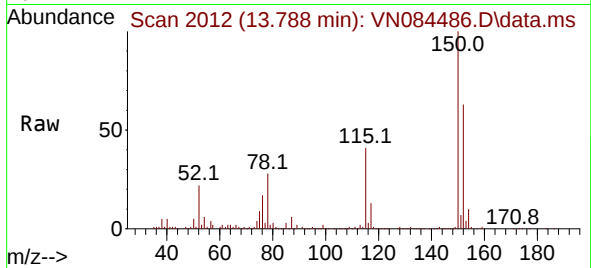
Tgt Ion: 117 Resp: 303278
Ion Ratio Lower Upper
117 100
82 58.1 47.2 70.8
119 33.2 25.4 38.0





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.788 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VN084486.D
 Acq: 24 Oct 2024 14:22

Instrument :
 MSVOA_N
 ClientSampleId :
 PB164314TB



Tgt Ion:152 Resp: 131007
 Ion Ratio Lower Upper
 152 100
 115 61.7 31.3 93.9
 150 157.6 0.0 349.8

