

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN060325\
 Data File : VN086852.D
 Acq On : 03 Jun 2025 18:59
 Operator : JC\MD
 Sample : PB168225ZHE#13
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB168225ZHE#13

Quant Time: Jun 04 02:04:56 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051625W.M
 Quant Title : SW846 8260
 QLast Update : Sat May 17 00:46:13 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

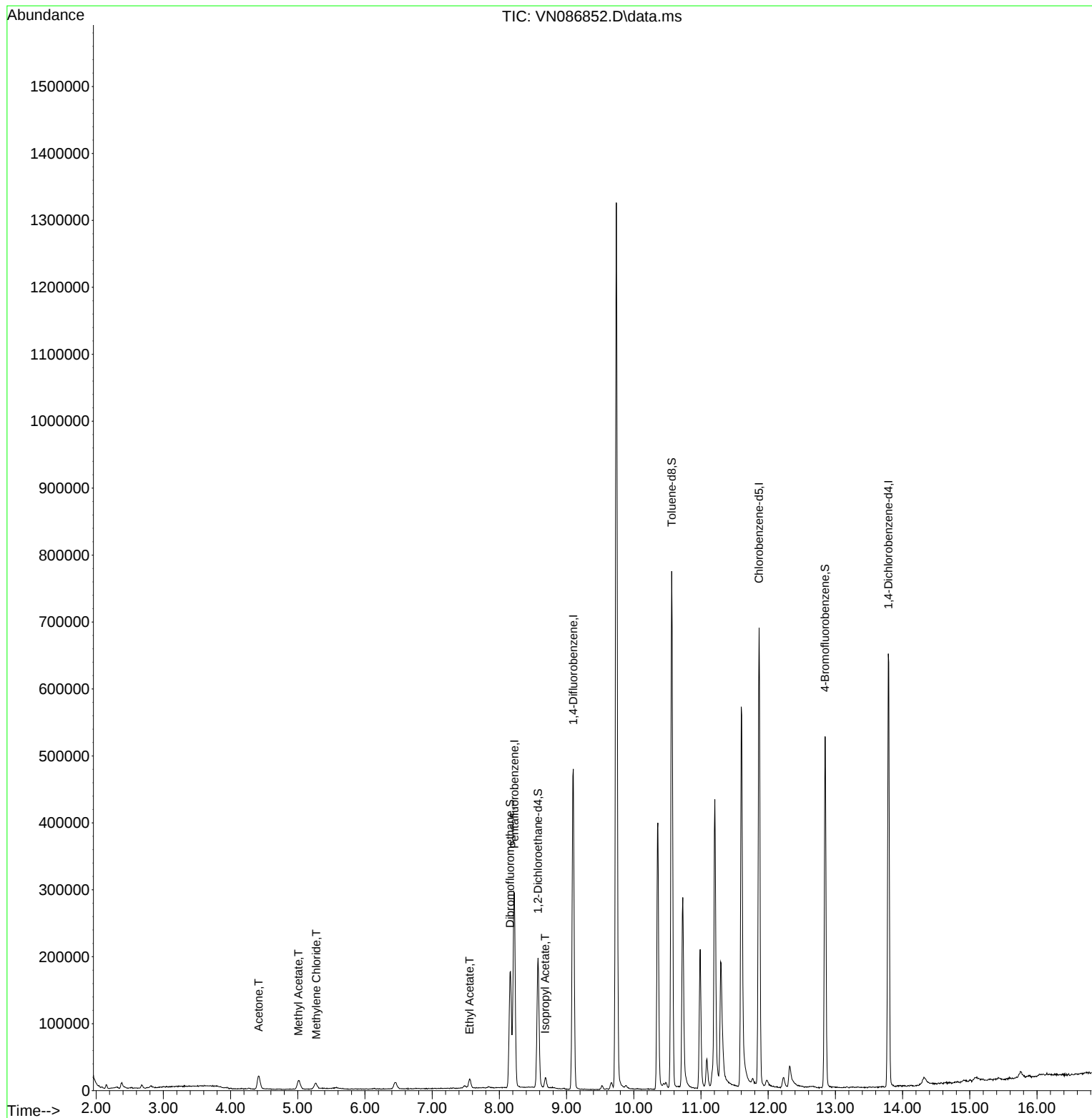
Internal Standards						
1) Pentafluorobenzene	8.224	168	225219	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	441254	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	414229	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	186632	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.576	65	157247	50.527	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	= 101.060%		
35) Dibromofluoromethane	8.159	113	136142	51.807	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 103.620%		
50) Toluene-d8	10.565	98	556501	51.102	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	= 102.200%		
62) 4-Bromofluorobenzene	12.847	95	206238	53.635	ug/l	0.00
Spiked Amount	50.000	Range 77 - 121	Recovery	= 107.280%		
Target Compounds						
					Qvalue	
16) Acetone	4.418	43	38685	33.231	ug/l	95
18) Methyl Acetate	5.012	43	28943	8.883	ug/l	99
20) Methylene Chloride	5.277	84	7030	2.288	ug/l	90
37) Ethyl Acetate	7.559	43	20183	5.155	ug/l	98
43) Isopropyl Acetate	8.682	43	17003	2.166	ug/l	93

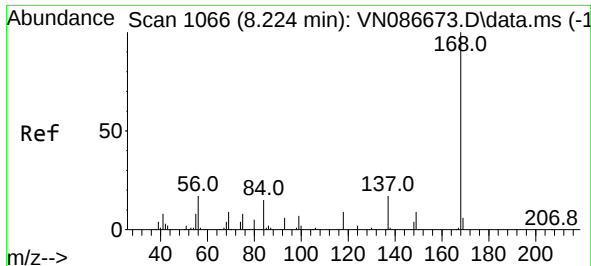
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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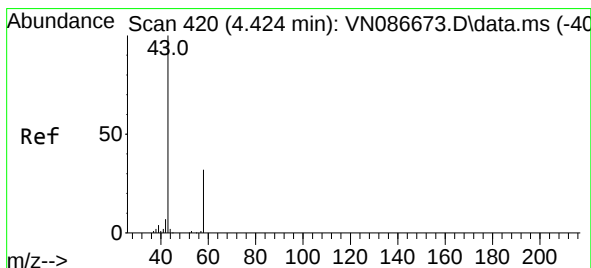
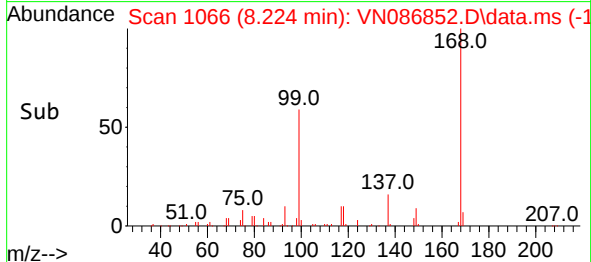
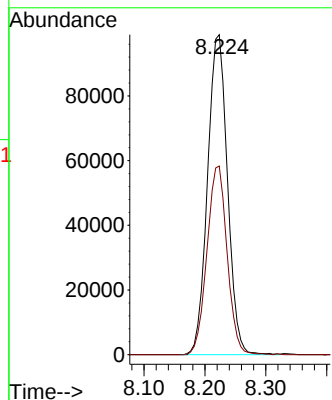
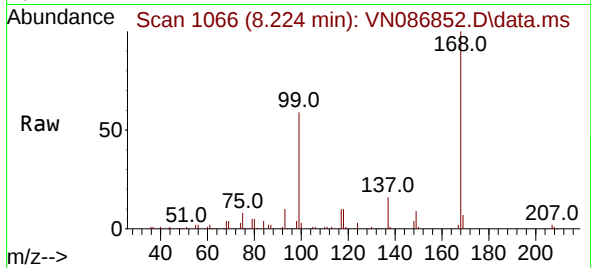




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN086852.D
Acq: 03 Jun 2025 18:59

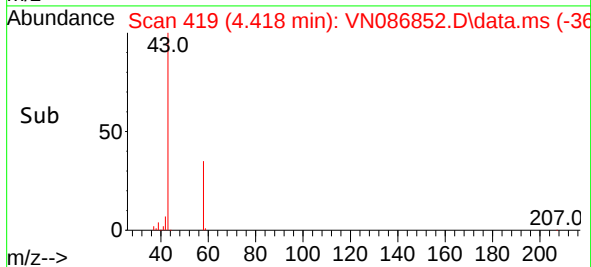
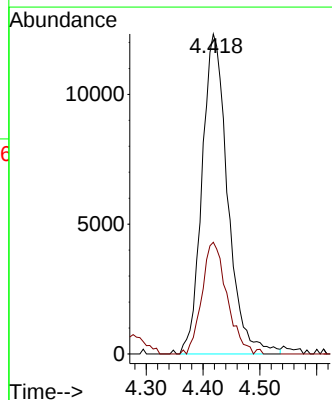
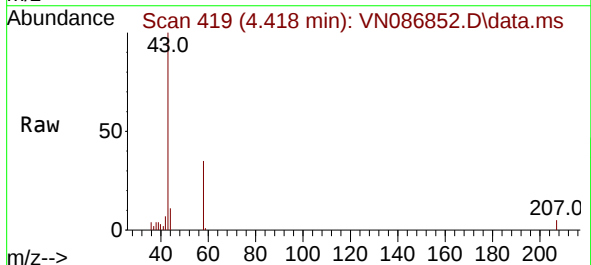
Instrument :
MSVOA_N
ClientSampleId :
PB168225ZHE#13

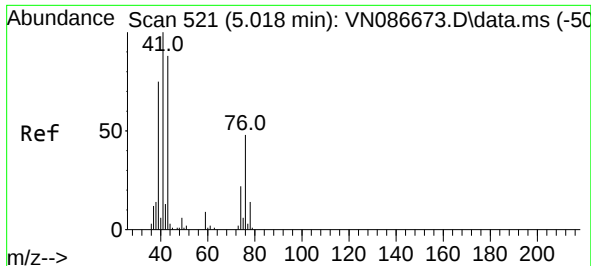
Tgt Ion:168 Resp: 225219
Ion Ratio Lower Upper
168 100
99 59.0 47.0 70.4



#16
Acetone
Concen: 33.231 ug/l
RT: 4.418 min Scan# 419
Delta R.T. -0.006 min
Lab File: VN086852.D
Acq: 03 Jun 2025 18:59

Tgt Ion: 43 Resp: 38685
Ion Ratio Lower Upper
43 100
58 34.9 25.8 38.6

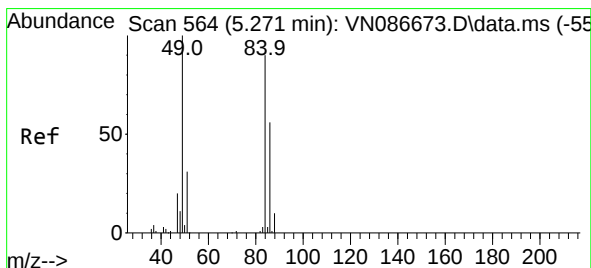
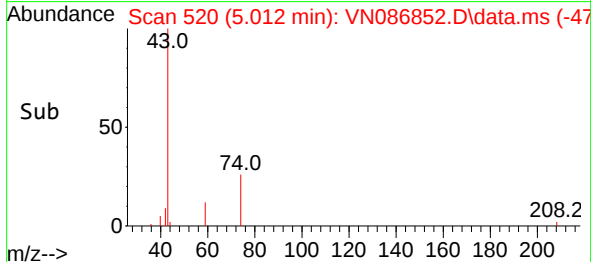
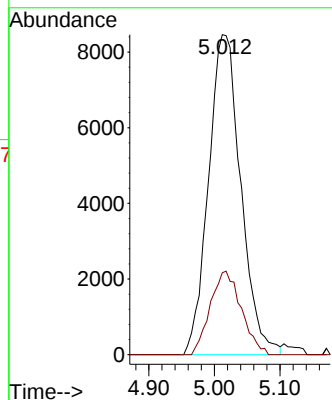
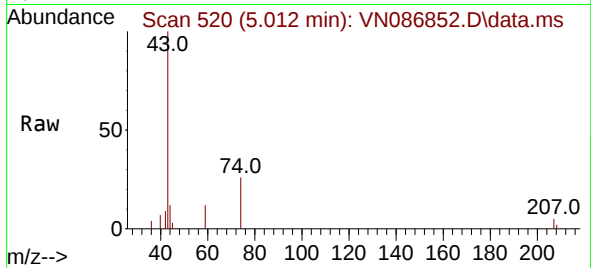




#18
Methyl Acetate
Concen: 8.883 ug/l
RT: 5.012 min Scan# 51
Delta R.T. -0.006 min
Lab File: VN086852.D
Acq: 03 Jun 2025 18:59

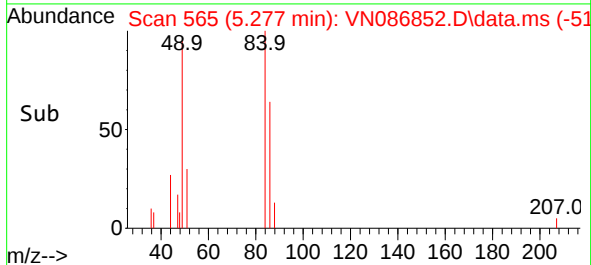
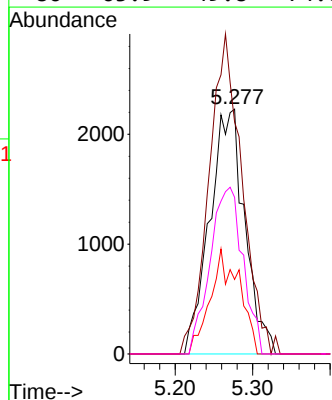
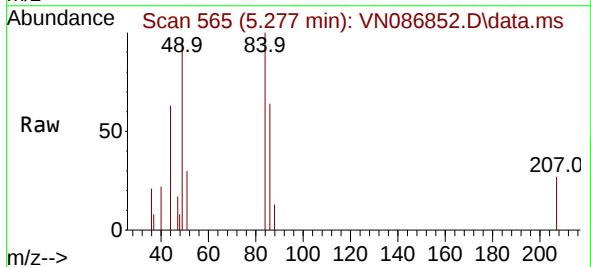
Instrument :
MSVOA_N
ClientSampleId :
PB168225ZHE#13

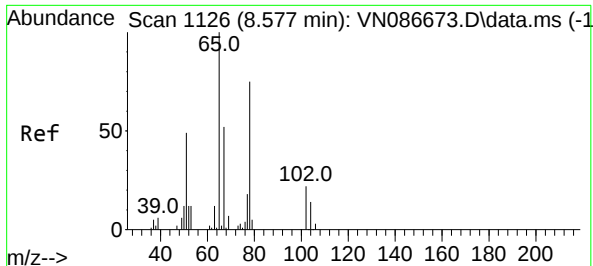
Tgt Ion: 43 Resp: 28943
Ion Ratio Lower Upper
43 100
74 25.0 20.5 30.7



#20
Methylene Chloride
Concen: 2.288 ug/l
RT: 5.277 min Scan# 565
Delta R.T. 0.006 min
Lab File: VN086852.D
Acq: 03 Jun 2025 18:59

Tgt Ion: 84 Resp: 7030
Ion Ratio Lower Upper
84 100
49 94.8 88.8 133.2
51 30.4 27.8 41.6
86 63.9 49.8 74.6





#33

1,2-Dichloroethane-d4

Concen: 50.527 ug/l

RT: 8.576 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VN086852.D

Acq: 03 Jun 2025 18:59

Instrument :

MSVOA_N

ClientSampleId :

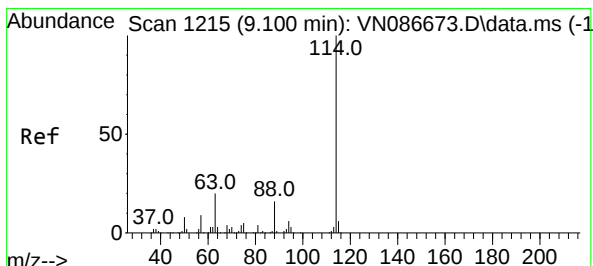
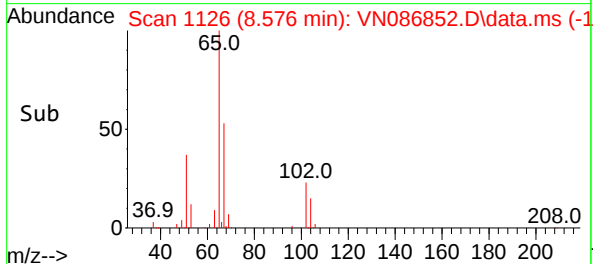
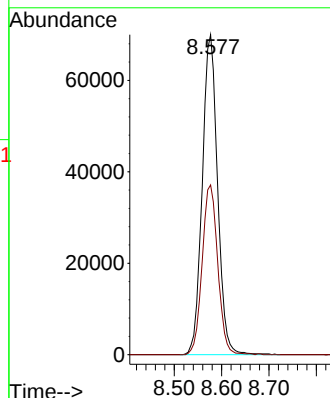
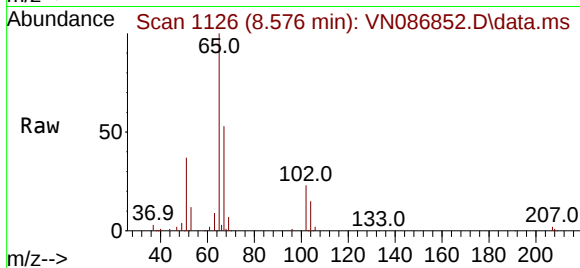
PB168225ZHE#13

Tgt Ion: 65 Resp: 157247

Ion Ratio Lower Upper

65 100

67 53.9 0.0 106.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. -0.000 min

Lab File: VN086852.D

Acq: 03 Jun 2025 18:59

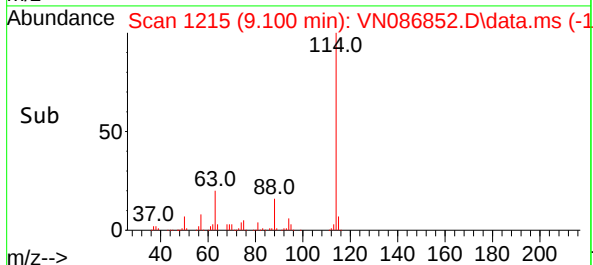
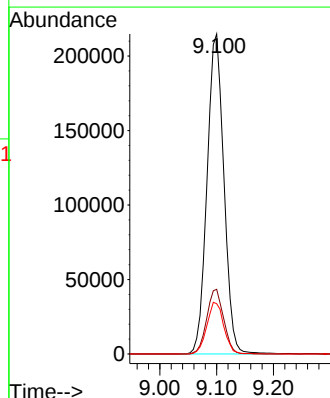
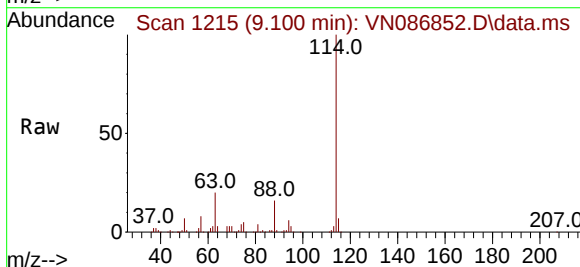
Tgt Ion: 114 Resp: 441254

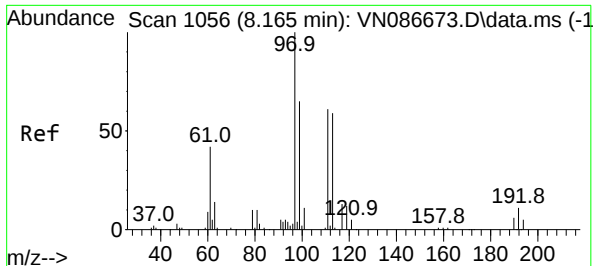
Ion Ratio Lower Upper

114 100

63 20.2 0.0 40.2

88 15.7 0.0 31.2





#35

Dibromofluoromethane

Concen: 51.807 ug/l

RT: 8.159 min Scan# 1

Delta R.T. -0.006 min

Lab File: VN086852.D

Acq: 03 Jun 2025 18:59

Instrument :

MSVOA_N

ClientSampleId :

PB168225ZHE#13

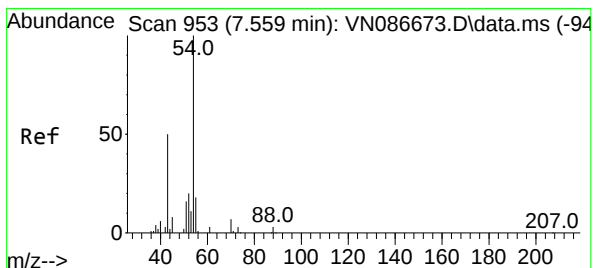
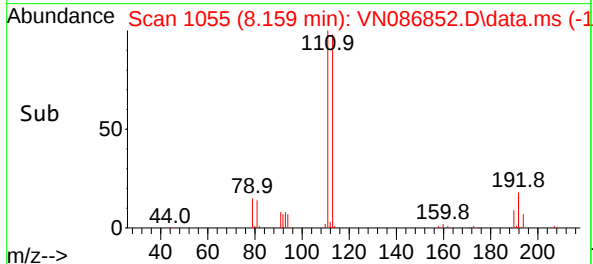
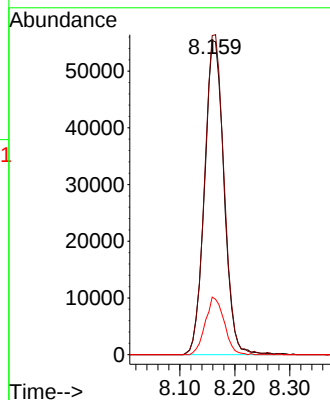
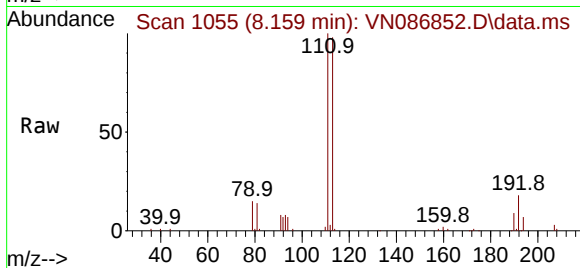
Tgt Ion:113 Resp: 136142

Ion Ratio Lower Upper

113 100

111 101.9 82.2 123.2

192 17.8 13.8 20.8



#37

Ethyl Acetate

Concen: 5.155 ug/l

RT: 7.559 min Scan# 953

Delta R.T. -0.000 min

Lab File: VN086852.D

Acq: 03 Jun 2025 18:59

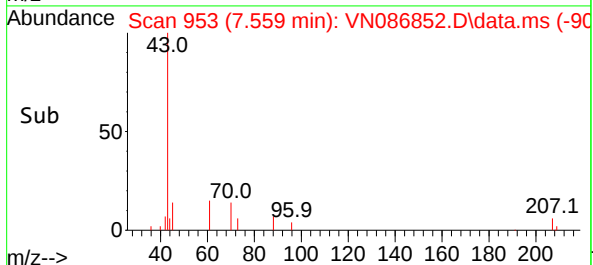
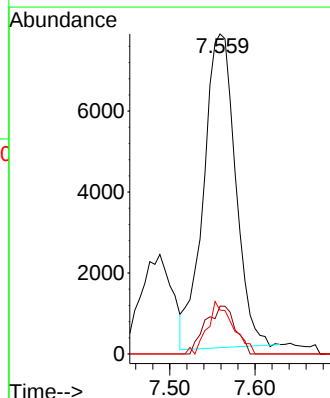
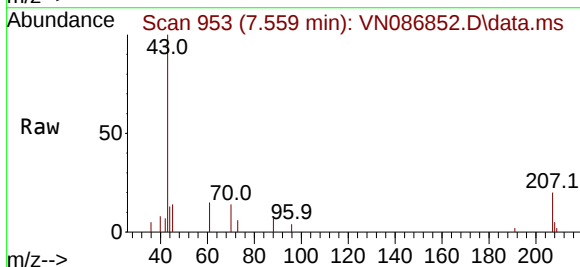
Tgt Ion: 43 Resp: 20183

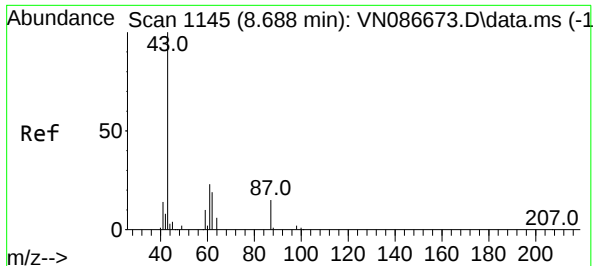
Ion Ratio Lower Upper

43 100

61 14.3 11.6 17.4

70 13.2 9.4 14.0





#43

Isopropyl Acetate

Concen: 2.166 ug/l

RT: 8.682 min Scan# 1144

Delta R.T. -0.006 min

Lab File: VN086852.D

Acq: 03 Jun 2025 18:59

Instrument :

MSVOA_N

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PB168225ZHE#13

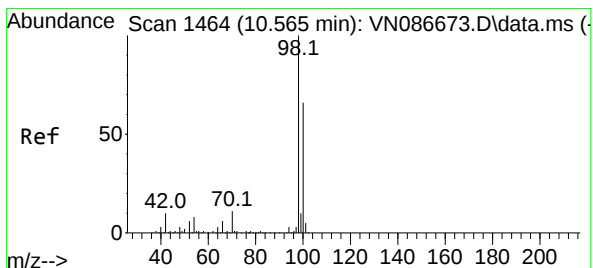
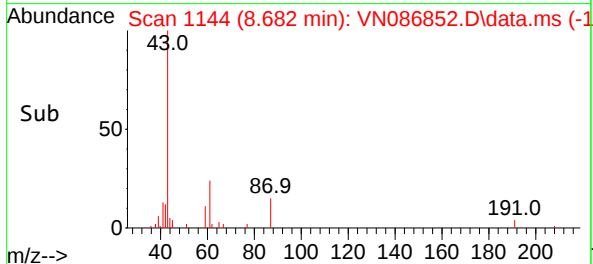
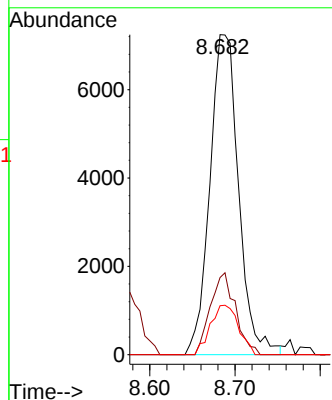
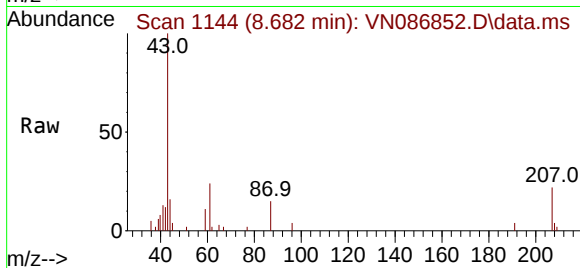
Tgt Ion: 43 Resp: 17003

Ion Ratio Lower Upper

43 100

61 22.4 21.4 32.2

87 15.1 11.1 16.7



#50

Toluene-d8

Concen: 51.102 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. -0.000 min

Lab File: VN086852.D

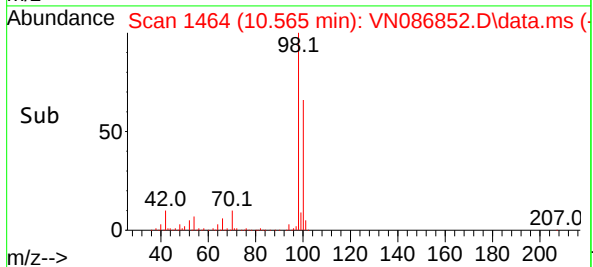
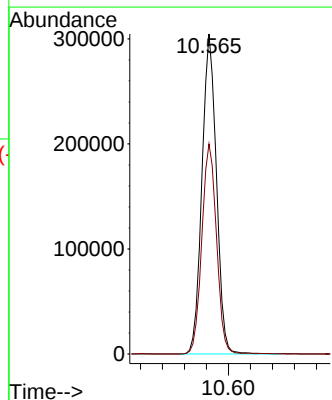
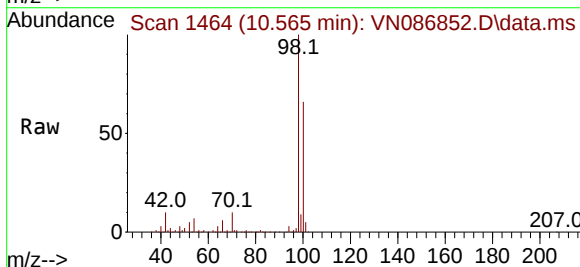
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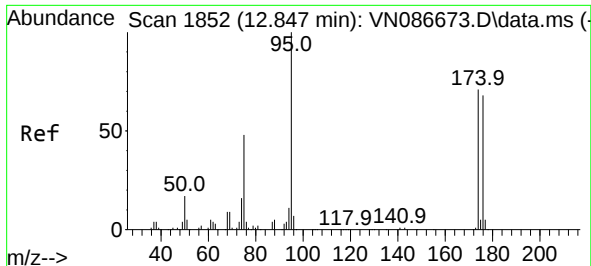
Tgt Ion: 98 Resp: 556501

Ion Ratio Lower Upper

98 100

100 66.5 52.9 79.3

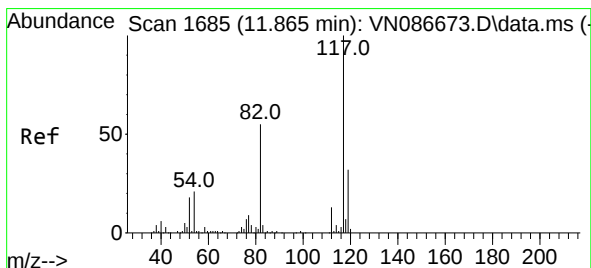
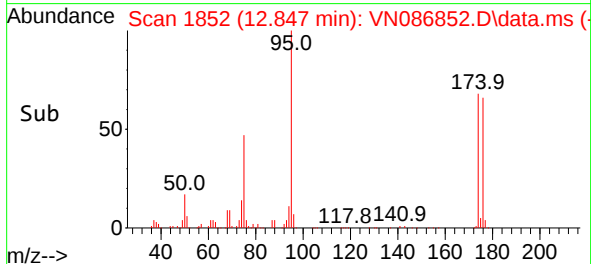
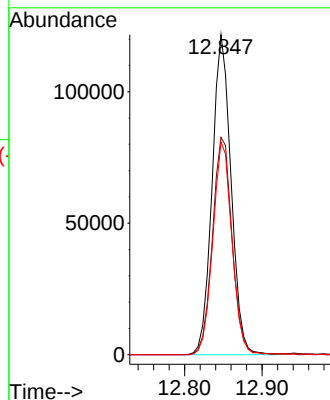
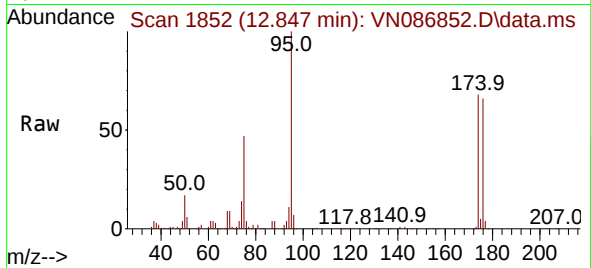




#62
4-Bromofluorobenzene
Concen: 53.635 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN086852.D
Acq: 03 Jun 2025 18:59

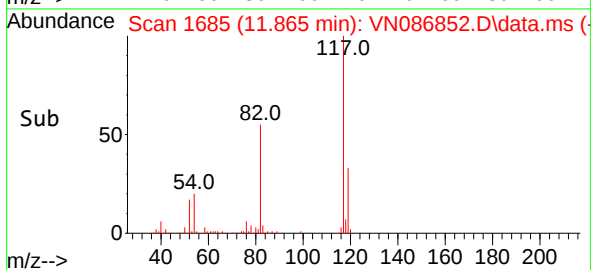
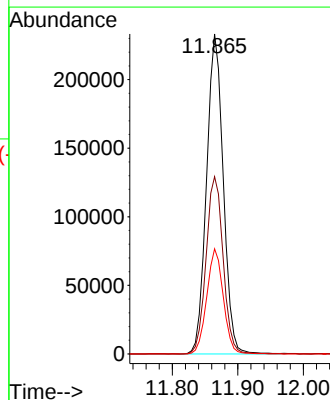
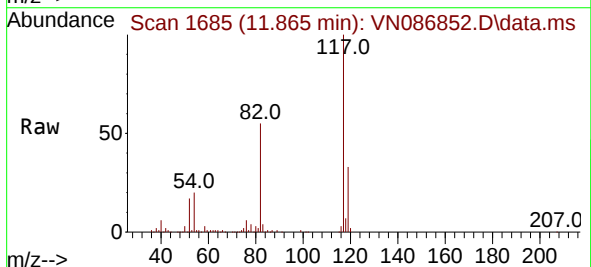
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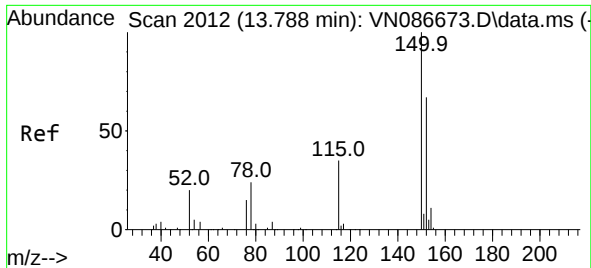
Tgt Ion: 95 Resp: 206238
Ion Ratio Lower Upper
95 100
174 70.3 0.0 145.4
176 67.4 0.0 137.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN086852.D
Acq: 03 Jun 2025 18:59

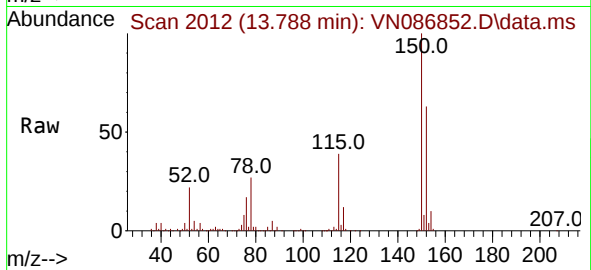
Tgt Ion: 117 Resp: 414229
Ion Ratio Lower Upper
117 100
82 55.4 44.2 66.2
119 32.9 25.4 38.2





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.788 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VN086852.D
 Acq: 03 Jun 2025 18:59

Instrument :
 MSVOA_N
 ClientSampleId :
 PB168225ZHE#13



Tgt Ion:152 Resp: 186632
 Ion Ratio Lower Upper
 152 100
 115 60.7 30.0 90.1
 150 158.1 0.0 347.8

