

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN060325\
 Data File : VN086847.D
 Acq On : 03 Jun 2025 16:58
 Operator : JC\MD
 Sample : PB168225ZHE#08
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB168225ZHE#08

Quant Time: Jun 04 02:02:15 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)

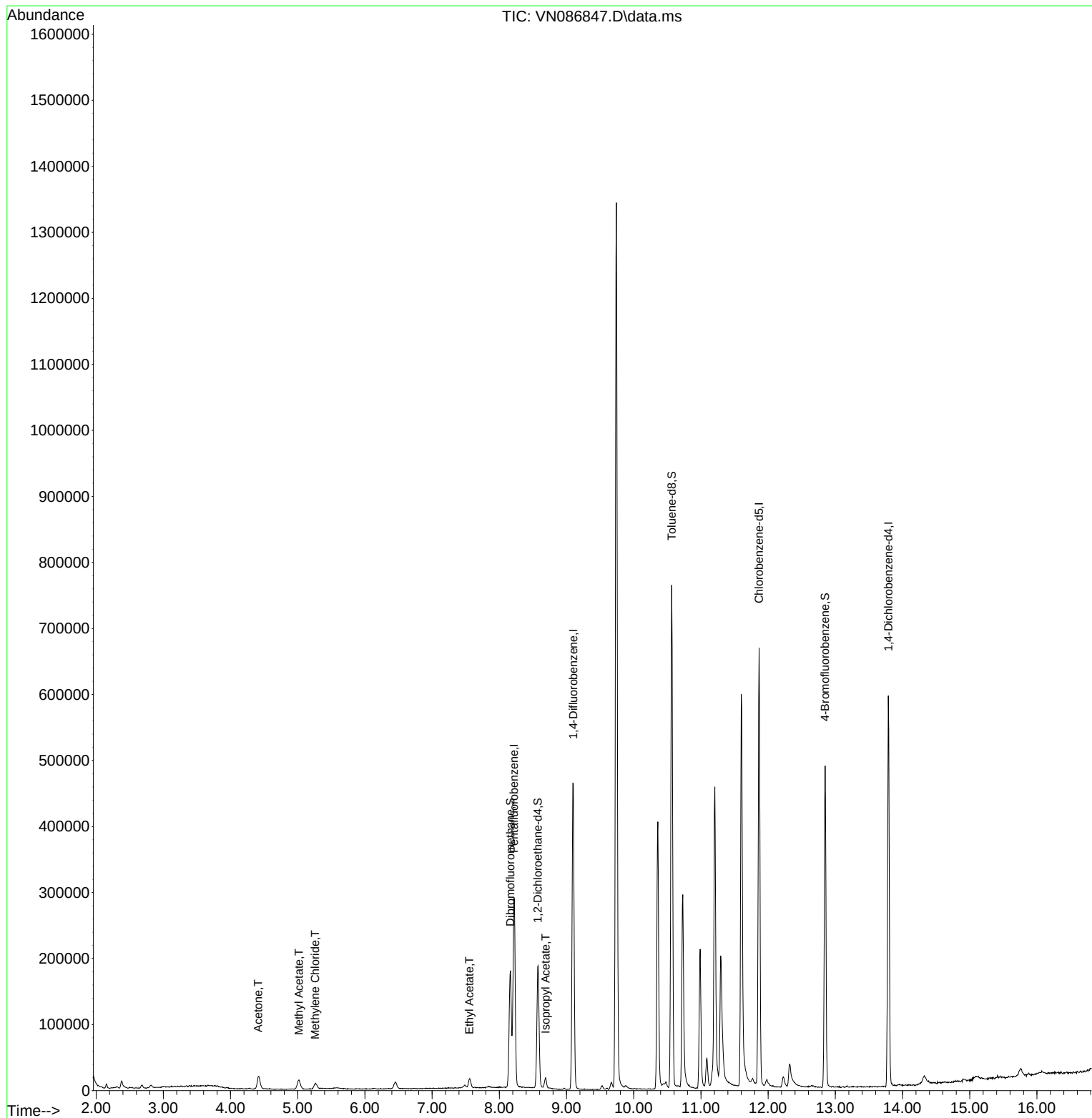
Internal Standards						
1) Pentafluorobenzene	8.218	168	223224	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	433473	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	397183	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	167809	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.571	65	153890	49.891	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	99.780%
35) Dibromofluoromethane	8.165	113	135421	52.458	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	104.920%
50) Toluene-d8	10.565	98	546411	51.076	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	102.160%
62) 4-Bromofluorobenzene	12.847	95	190849	50.524	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	101.040%
Target Compounds						
					Qvalue	
16) Acetone	4.412	43	38872	33.690	ug/l	96
18) Methyl Acetate	5.018	43	30909	9.571	ug/l	98
20) Methylene Chloride	5.259	84	7235	2.376	ug/l #	78
37) Ethyl Acetate	7.553	43	22442	5.834	ug/l	99
43) Isopropyl Acetate	8.688	43	16866	2.187	ug/l	95

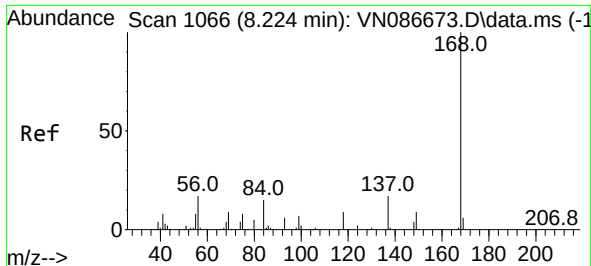
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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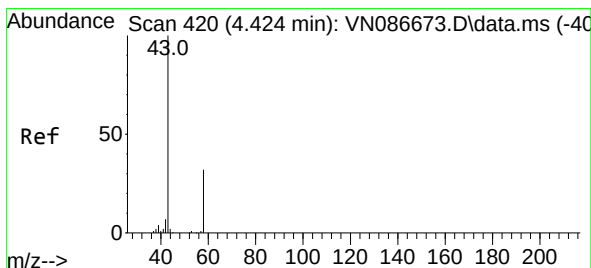
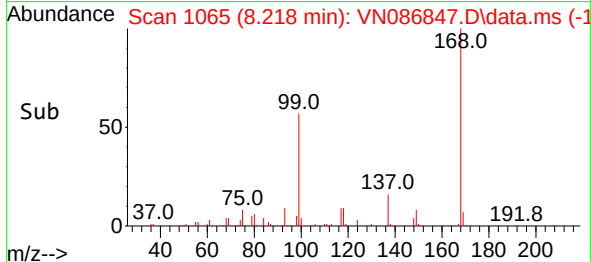
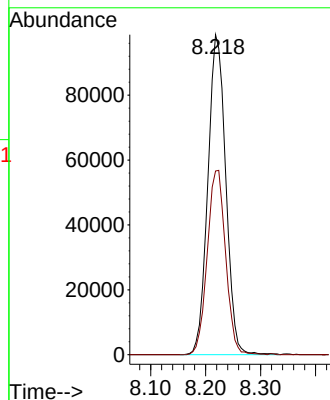
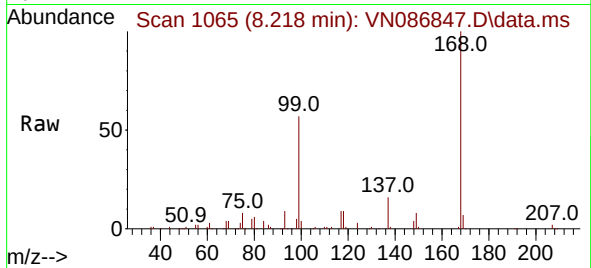




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.006 min
Lab File: VN086847.D
Acq: 03 Jun 2025 16:58

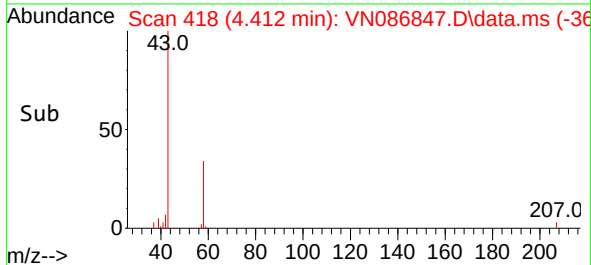
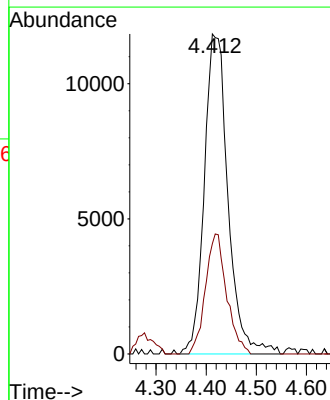
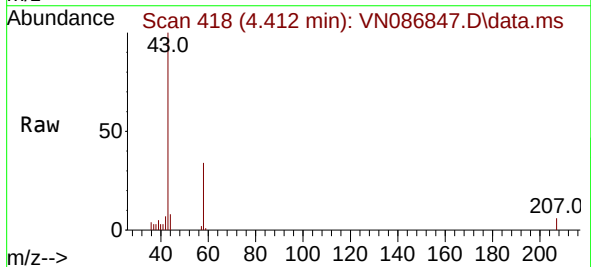
Instrument :
MSVOA_N
ClientSampleId :
PB168225ZHE#08

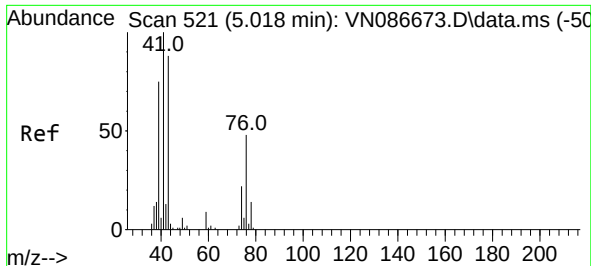
Tgt Ion:168 Resp: 223224
Ion Ratio Lower Upper
168 100
99 57.4 47.0 70.4



#16
Acetone
Concen: 33.690 ug/l
RT: 4.412 min Scan# 418
Delta R.T. -0.012 min
Lab File: VN086847.D
Acq: 03 Jun 2025 16:58

Tgt Ion: 43 Resp: 38872
Ion Ratio Lower Upper
43 100
58 34.5 25.8 38.6





#18

Methyl Acetate

Concen: 9.571 ug/l

RT: 5.018 min Scan# 51

Delta R.T. -0.000 min

Lab File: VN086847.D

Acq: 03 Jun 2025 16:58

Instrument :

MSVOA_N

ClientSampleId :

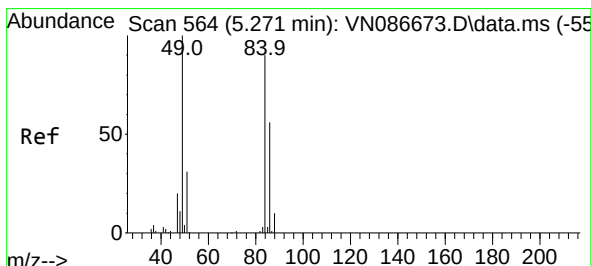
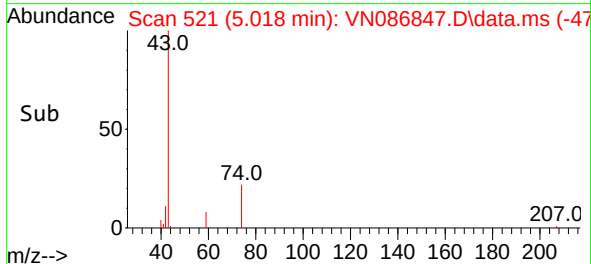
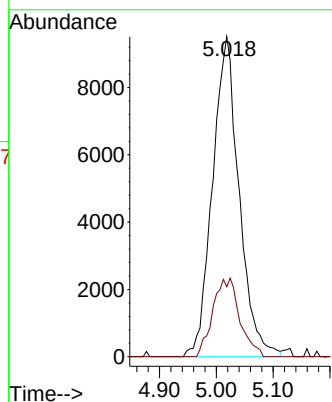
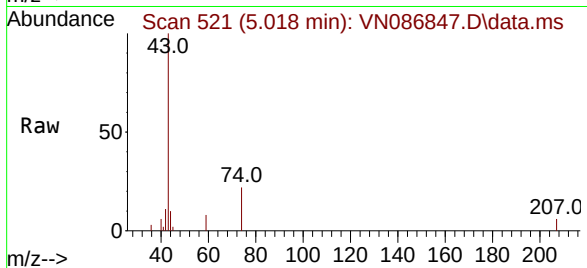
PB168225ZHE#08

Tgt Ion: 43 Resp: 30909

Ion Ratio Lower Upper

43 100

74 24.7 20.5 30.7



#20

Methylene Chloride

Concen: 2.376 ug/l

RT: 5.259 min Scan# 562

Delta R.T. -0.012 min

Lab File: VN086847.D

Acq: 03 Jun 2025 16:58

Tgt Ion: 84 Resp: 7235

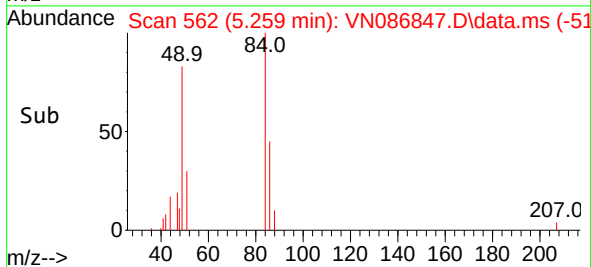
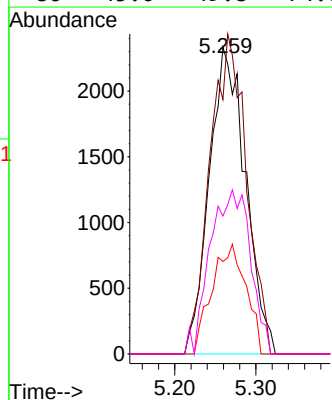
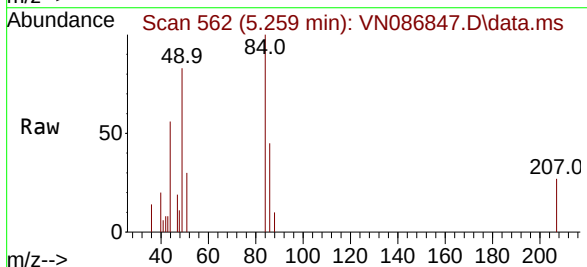
Ion Ratio Lower Upper

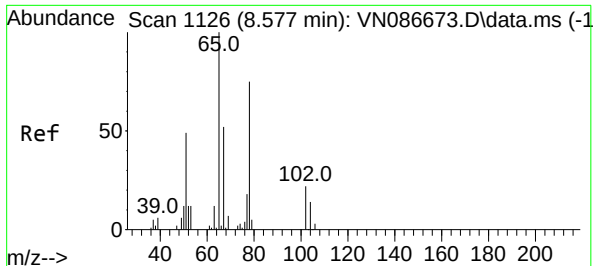
84 100

49 82.9 88.8 133.2#

51 30.2 27.8 41.6

86 45.0 49.8 74.6#





#33

1,2-Dichloroethane-d4

Concen: 49.891 ug/l

RT: 8.571 min Scan# 1126

Delta R.T. -0.006 min

Lab File: VN086847.D

Acq: 03 Jun 2025 16:58

Instrument :

MSVOA_N

ClientSampleId :

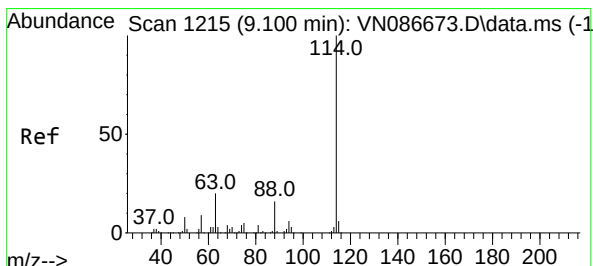
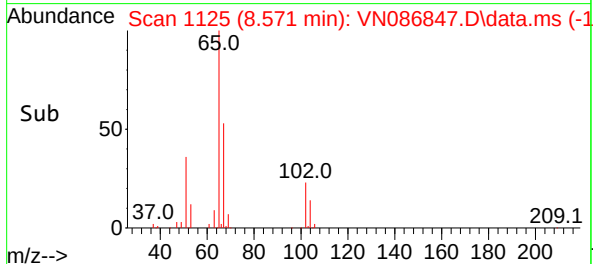
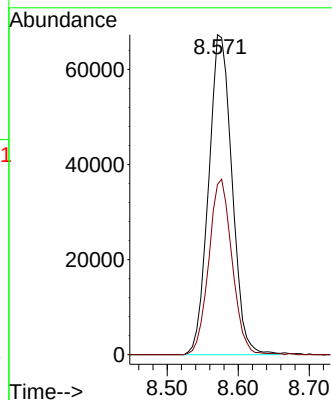
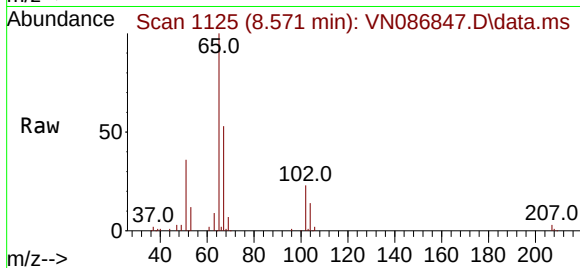
PB168225ZHE#08

Tgt Ion: 65 Resp: 153890

Ion Ratio Lower Upper

65 100

67 54.5 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: VN086847.D

Acq: 03 Jun 2025 16:58

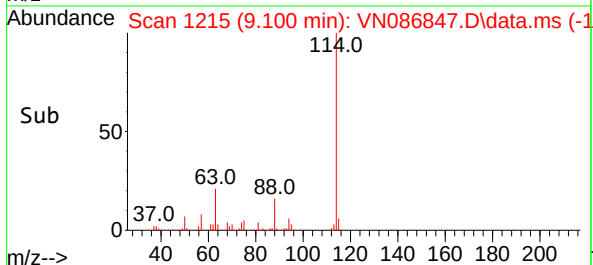
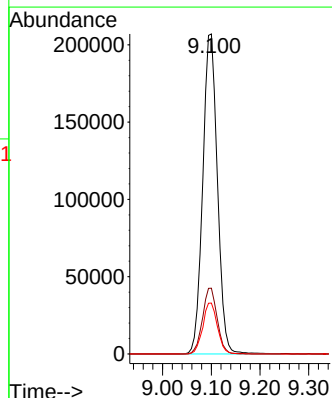
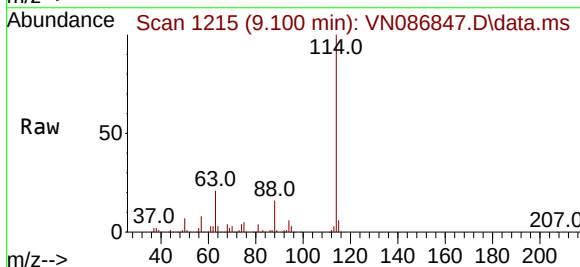
Tgt Ion: 114 Resp: 433473

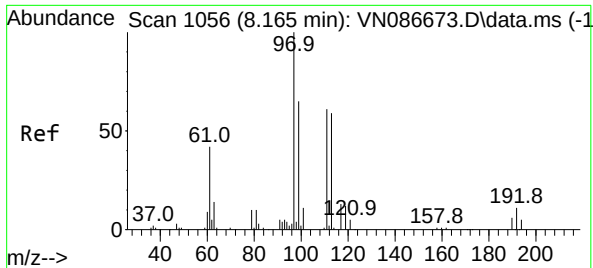
Ion Ratio Lower Upper

114 100

63 20.5 0.0 40.2

88 15.9 0.0 31.2

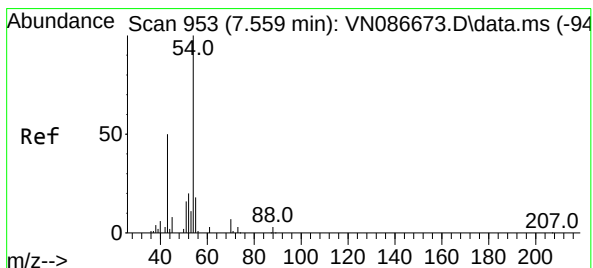
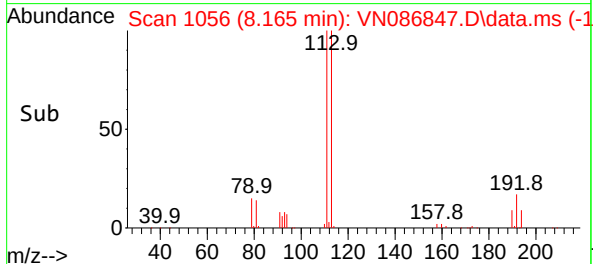
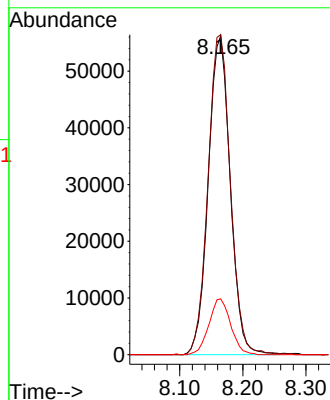
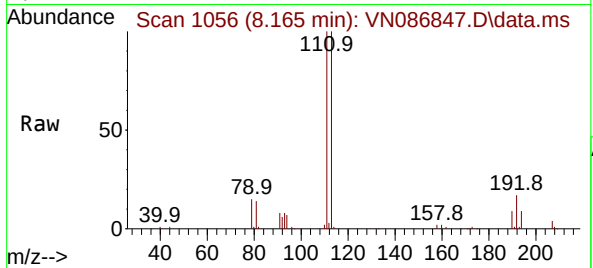




#35
Dibromofluoromethane
Concen: 52.458 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN086847.D
Acq: 03 Jun 2025 16:58

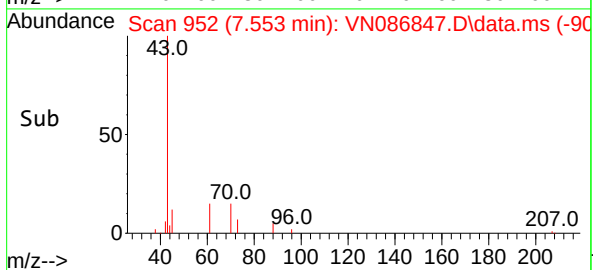
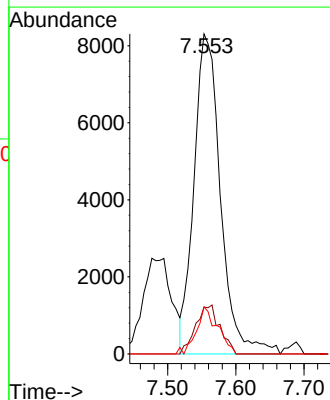
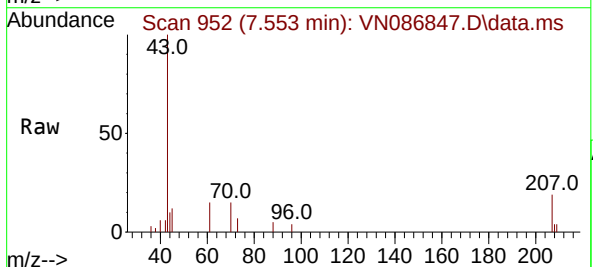
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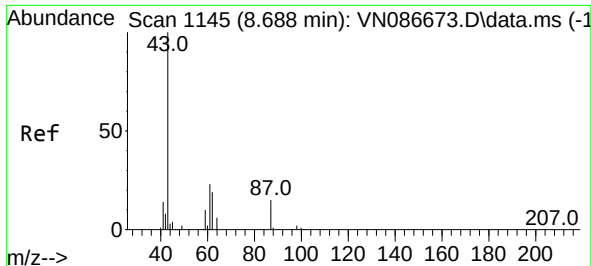
Tgt Ion:113 Resp: 135421
Ion Ratio Lower Upper
113 100
111 102.8 82.2 123.2
192 17.4 13.8 20.8



#37
Ethyl Acetate
Concen: 5.834 ug/l
RT: 7.553 min Scan# 952
Delta R.T. -0.006 min
Lab File: VN086847.D
Acq: 03 Jun 2025 16:58

Tgt Ion: 43 Resp: 22442
Ion Ratio Lower Upper
43 100
61 13.9 11.6 17.4
70 11.8 9.4 14.0

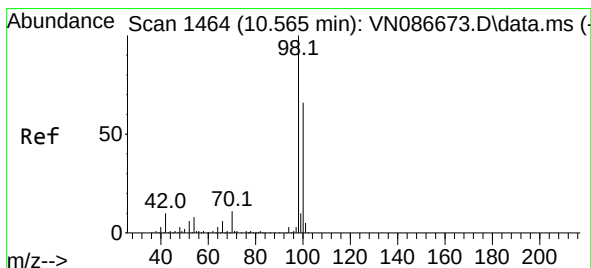
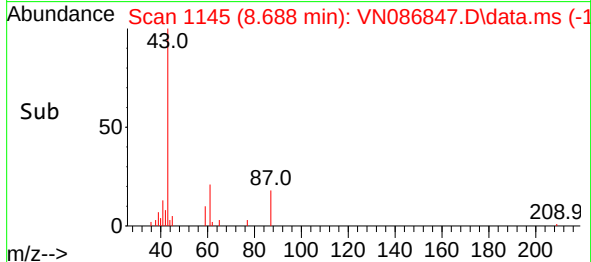
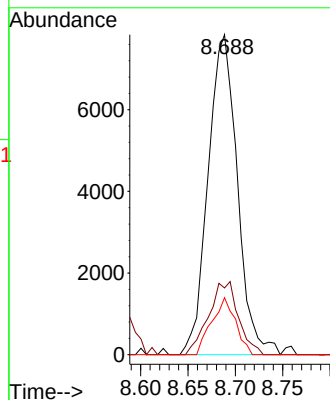
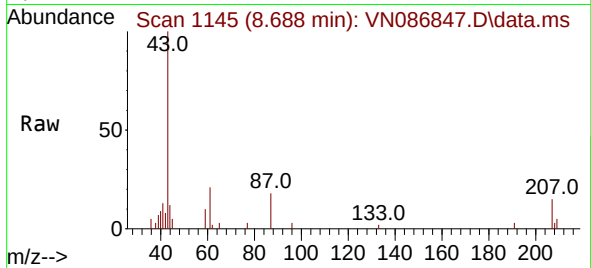




#43
Isopropyl Acetate
Concen: 2.187 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. 0.000 min
Lab File: VN086847.D
Acq: 03 Jun 2025 16:58

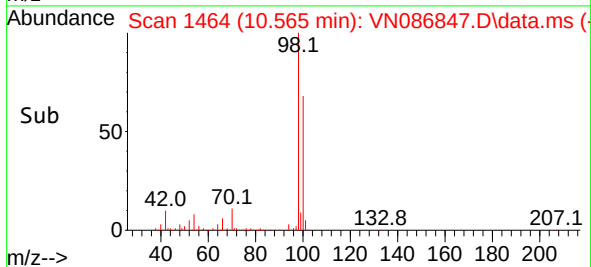
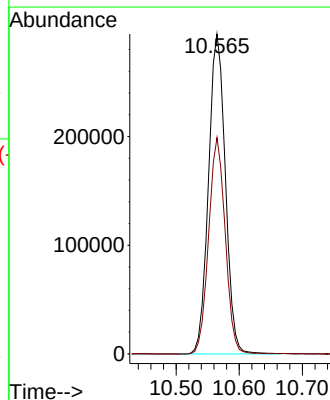
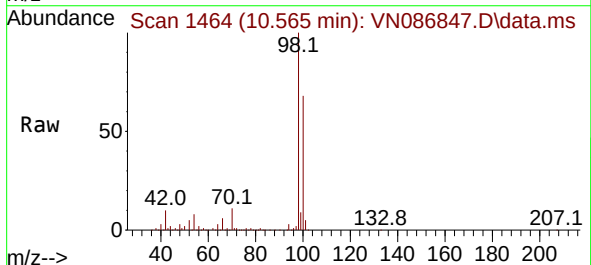
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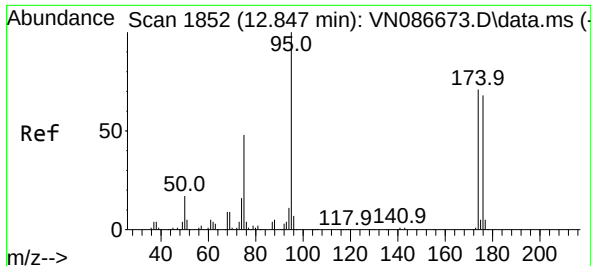
Tgt Ion:	43	Resp:	16866
Ion	Ratio	Lower	Upper
43	100		
61	23.2	21.4	32.2
87	14.5	11.1	16.7



#50
Toluene-d8
Concen: 51.076 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VN086847.D
Acq: 03 Jun 2025 16:58

Tgt Ion:	98	Resp:	546411
Ion	Ratio	Lower	Upper
98	100		
100	66.5	52.9	79.3

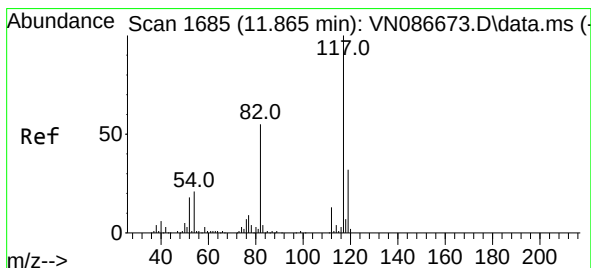
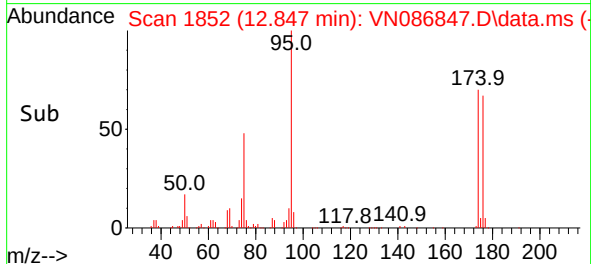
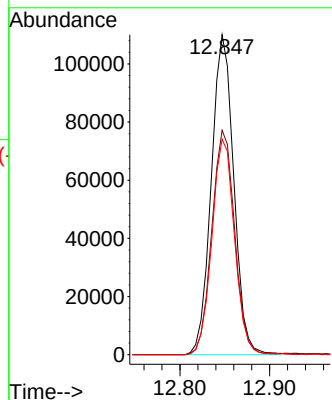
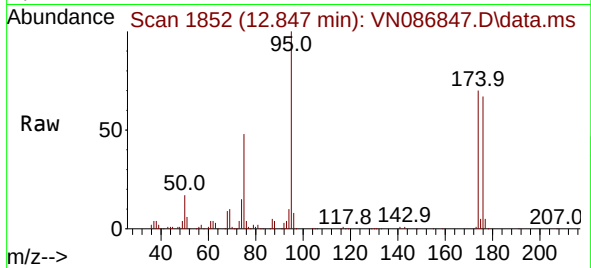




#62
4-Bromofluorobenzene
Concen: 50.524 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN086847.D
Acq: 03 Jun 2025 16:58

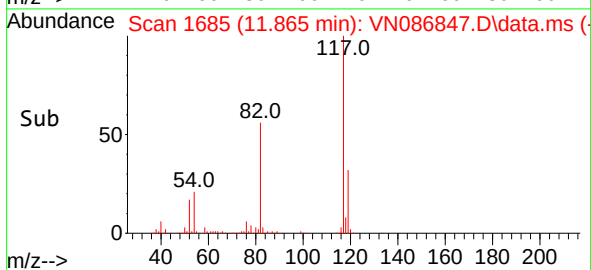
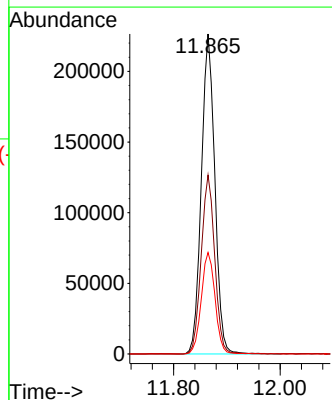
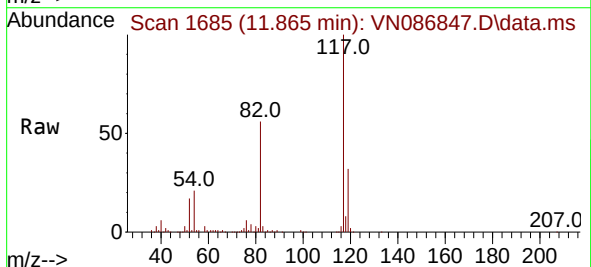
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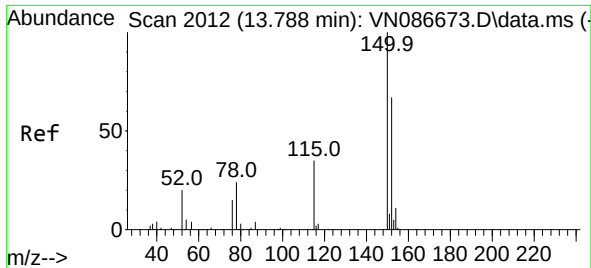
Tgt Ion: 95 Resp: 190849
Ion Ratio Lower Upper
95 100
174 71.9 0.0 145.4
176 67.8 0.0 137.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN086847.D
Acq: 03 Jun 2025 16:58

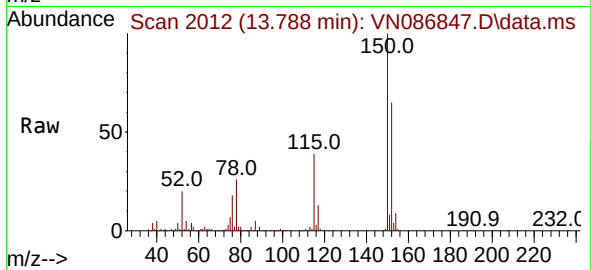
Tgt Ion: 117 Resp: 397183
Ion Ratio Lower Upper
117 100
82 55.9 44.2 66.2
119 31.7 25.4 38.2





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.788 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VN086847.D
 Acq: 03 Jun 2025 16:58

Instrument :
 MSVOA_N
 ClientSampleId :
 PB168225ZHE#08



Tgt Ion:152 Resp: 167809

Ion	Ratio	Lower	Upper
152	100		
115	61.4	30.0	90.1
150	157.8	0.0	347.8

