

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN060325\
 Data File : VN086845.D
 Acq On : 03 Jun 2025 16:09
 Operator : JC\MD
 Sample : PB168225ZHE#06
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB168225ZHE#06

Quant Time: Jun 04 02:01:15 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)

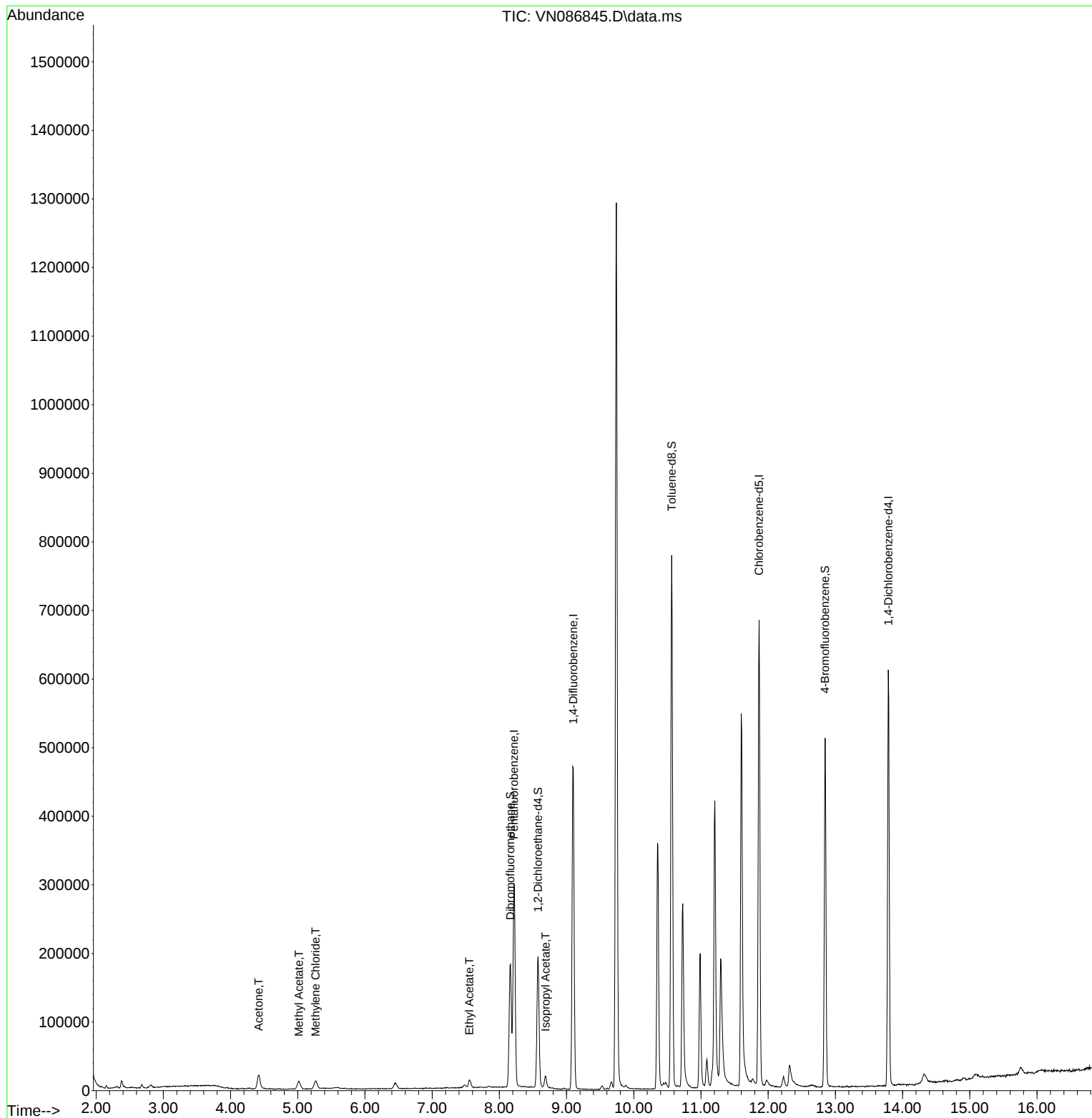
Internal Standards						
1) Pentafluorobenzene	8.218	168	228590	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	443170	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	410736	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	174516	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	156813	49.645	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	99.280%
35) Dibromofluoromethane	8.165	113	136979	51.900	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	103.800%
50) Toluene-d8	10.565	98	561160	51.307	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	102.620%
62) 4-Bromofluorobenzene	12.847	95	200778	51.990	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	103.980%
Target Compounds						
					Qvalue	
16) Acetone	4.418	43	39514	33.442	ug/l	96
18) Methyl Acetate	5.018	43	24246	7.332	ug/l	99
20) Methylene Chloride	5.265	84	9230	2.960	ug/l	97
37) Ethyl Acetate	7.553	43	17411	4.427	ug/l	99
43) Isopropyl Acetate	8.688	43	20245	2.568	ug/l #	92

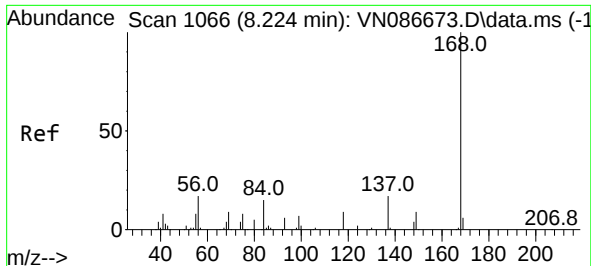
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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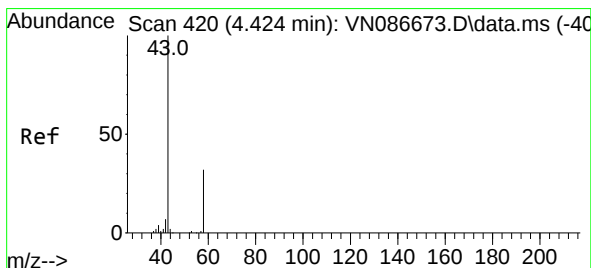
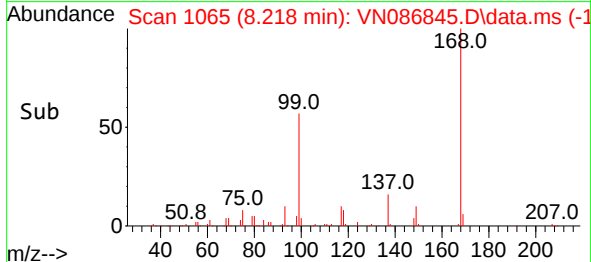
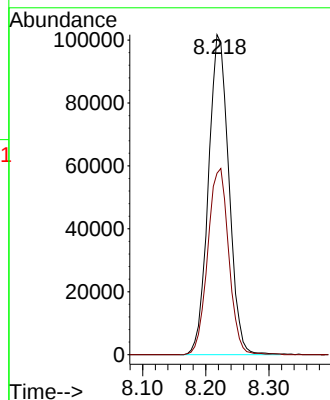
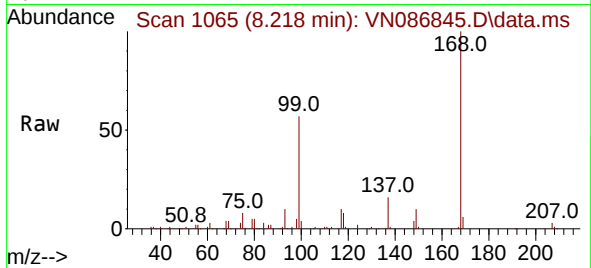




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.006 min
Lab File: VN086845.D
Acq: 03 Jun 2025 16:09

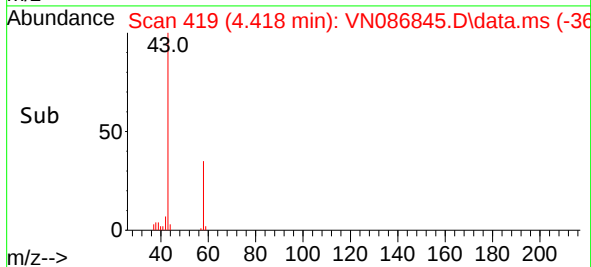
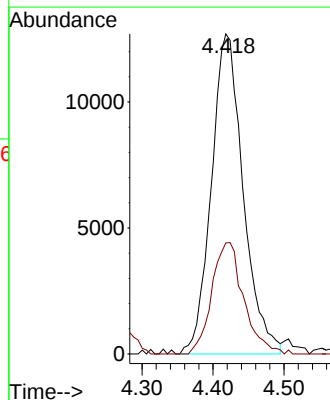
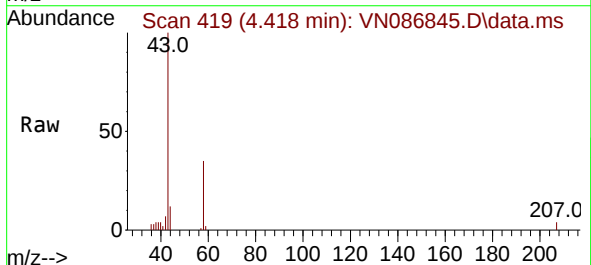
Instrument :
MSVOA_N
ClientSampleId :
PB168225ZHE#06

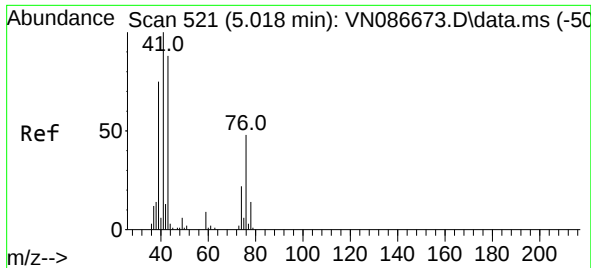
Tgt Ion:168 Resp: 228590
Ion Ratio Lower Upper
168 100
99 56.7 47.0 70.4



#16
Acetone
Concen: 33.442 ug/l
RT: 4.418 min Scan# 419
Delta R.T. -0.006 min
Lab File: VN086845.D
Acq: 03 Jun 2025 16:09

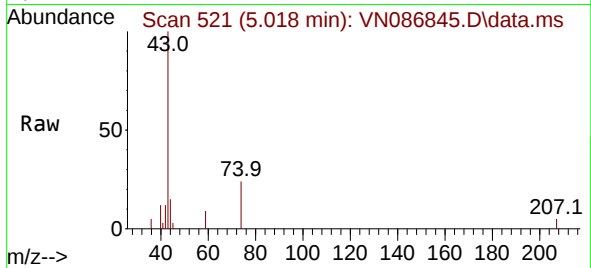
Tgt Ion: 43 Resp: 39514
Ion Ratio Lower Upper
43 100
58 34.7 25.8 38.6



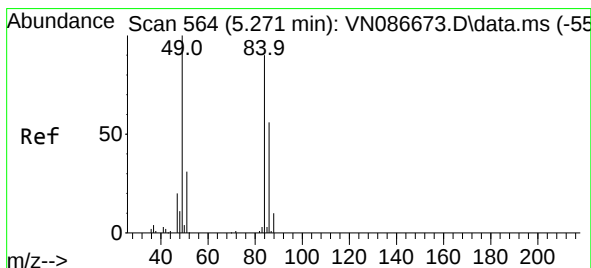
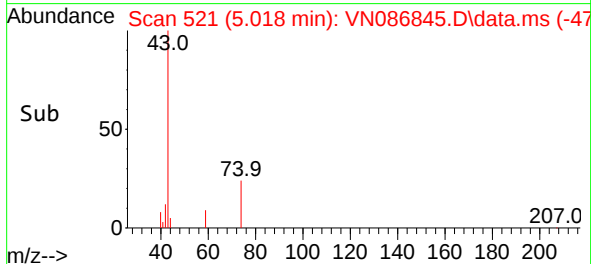
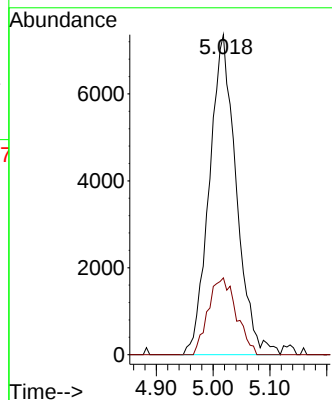


#18
Methyl Acetate
Concen: 7.332 ug/l
RT: 5.018 min Scan# 51
Delta R.T. -0.000 min
Lab File: VN086845.D
Acq: 03 Jun 2025 16:09

Instrument :
MSVOA_N
ClientSampleId :
PB168225ZHE#06

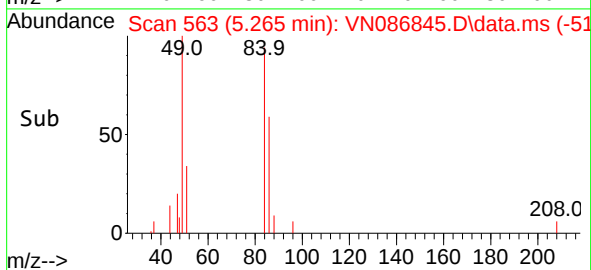
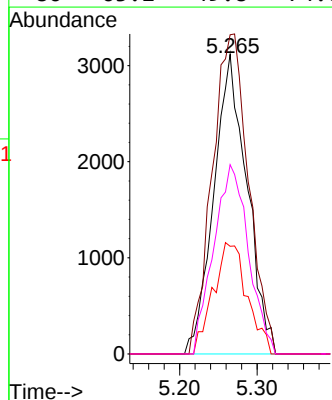
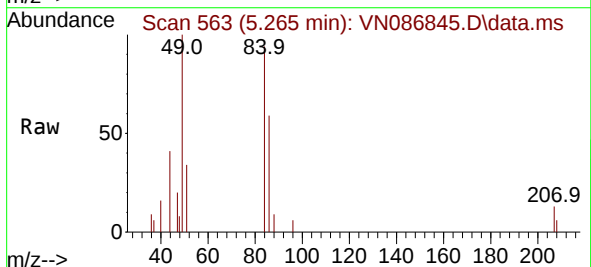


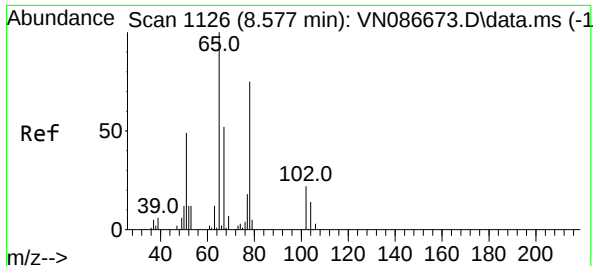
Tgt Ion: 43 Resp: 24246
Ion Ratio Lower Upper
43 100
74 24.9 20.5 30.7



#20
Methylene Chloride
Concen: 2.960 ug/l
RT: 5.265 min Scan# 563
Delta R.T. -0.006 min
Lab File: VN086845.D
Acq: 03 Jun 2025 16:09

Tgt Ion: 84 Resp: 9230
Ion Ratio Lower Upper
84 100
49 106.5 88.8 133.2
51 36.0 27.8 41.6
86 63.2 49.8 74.6





#33

1,2-Dichloroethane-d4

Concen: 49.645 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VN086845.D

Acq: 03 Jun 2025 16:09

Instrument :

MSVOA_N

ClientSampleId :

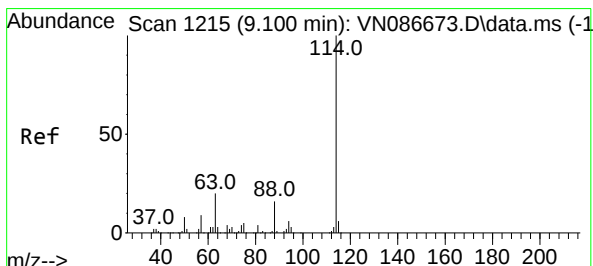
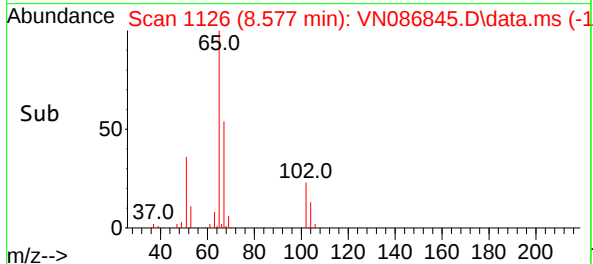
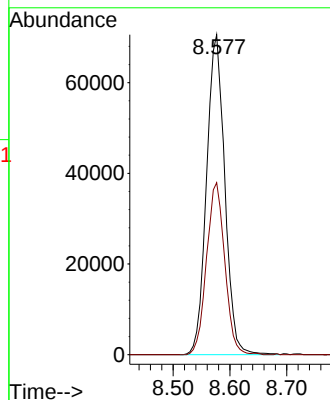
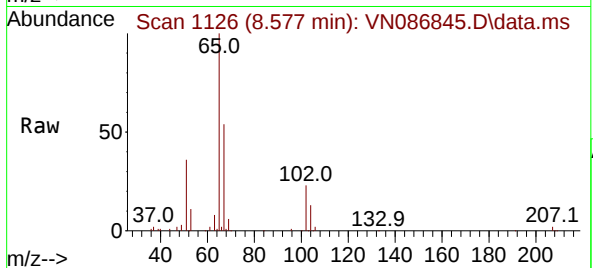
PB168225ZHE#06

Tgt Ion: 65 Resp: 156813

Ion Ratio Lower Upper

65 100

67 53.8 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: VN086845.D

Acq: 03 Jun 2025 16:09

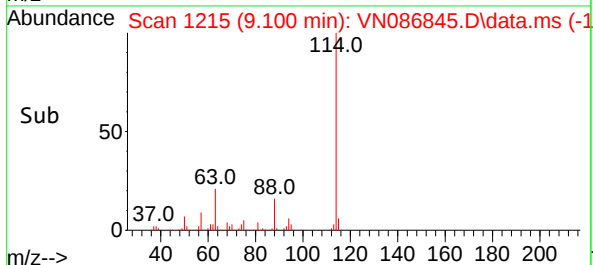
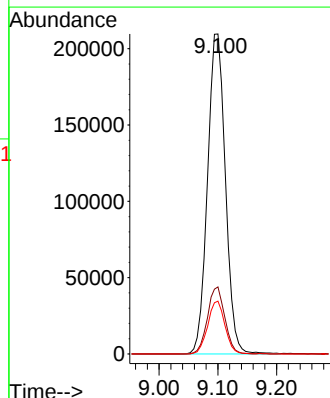
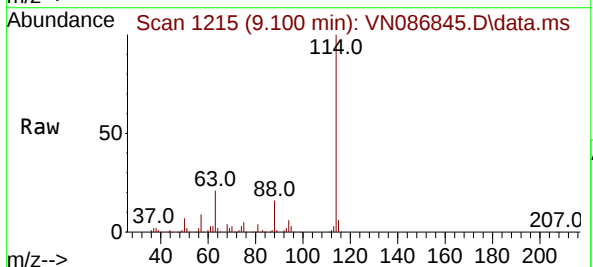
Tgt Ion: 114 Resp: 443170

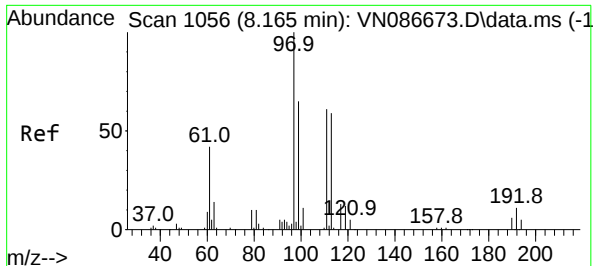
Ion Ratio Lower Upper

114 100

63 20.9 0.0 40.2

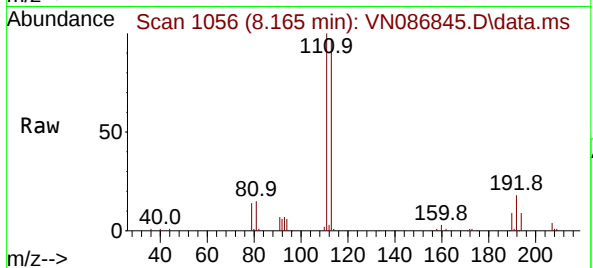
88 16.5 0.0 31.2



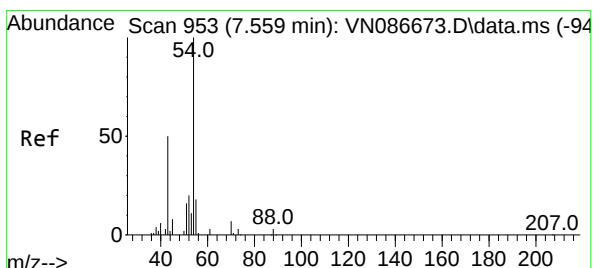
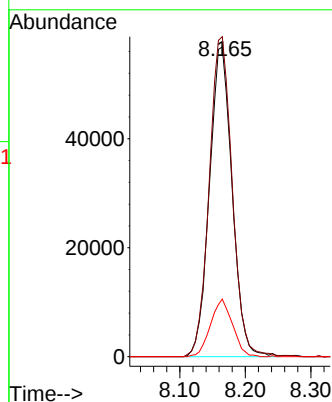
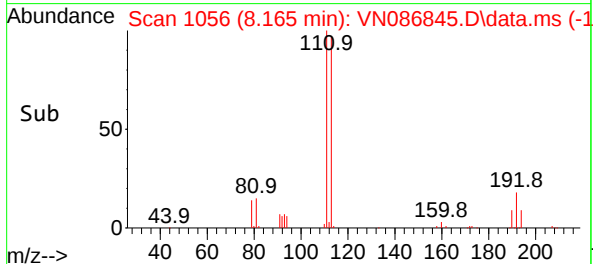


#35
Dibromofluoromethane
Concen: 51.900 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN086845.D
Acq: 03 Jun 2025 16:09

Instrument :
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PB168225ZHE#06

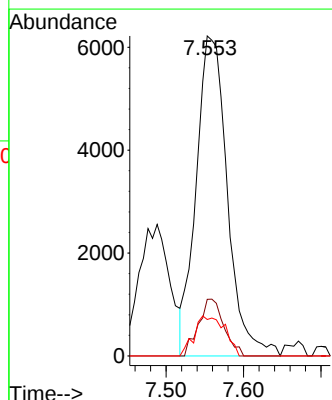
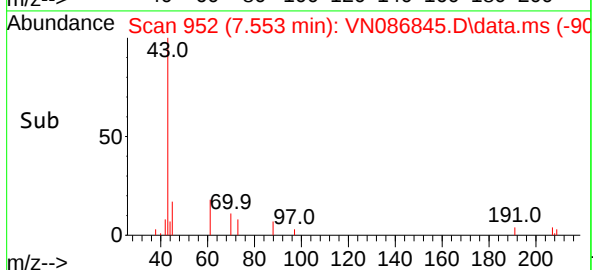
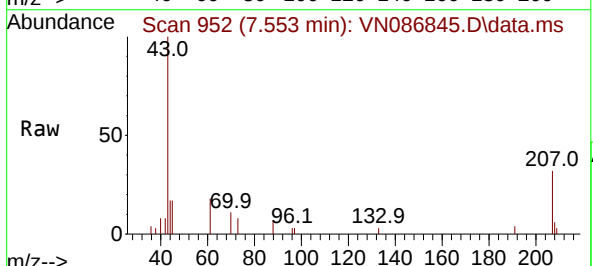


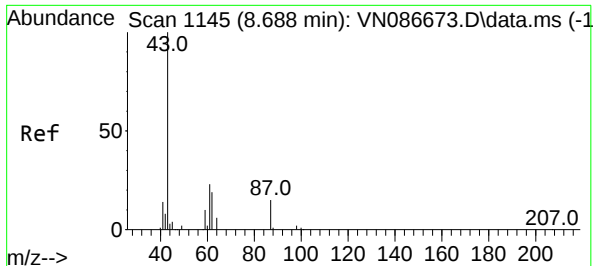
Tgt Ion:113 Resp: 136979
Ion Ratio Lower Upper
113 100
111 104.2 82.2 123.2
192 18.0 13.8 20.8



#37
Ethyl Acetate
Concen: 4.427 ug/l
RT: 7.553 min Scan# 952
Delta R.T. -0.006 min
Lab File: VN086845.D
Acq: 03 Jun 2025 16:09

Tgt Ion: 43 Resp: 17411
Ion Ratio Lower Upper
43 100
61 14.5 11.6 17.4
70 12.2 9.4 14.0





#43

Isopropyl Acetate

Concen: 2.568 ug/l

RT: 8.688 min Scan# 1145

Delta R.T. -0.000 min

Lab File: VN086845.D

Acq: 03 Jun 2025 16:09

Instrument :

MSVOA_N

ClientSampleId :

PB168225ZHE#06

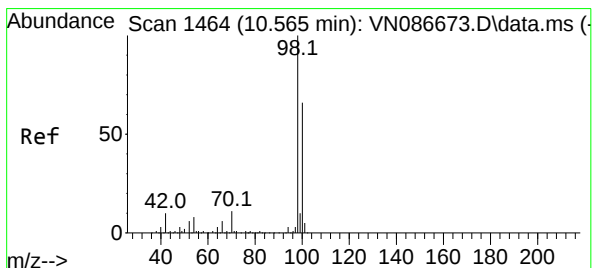
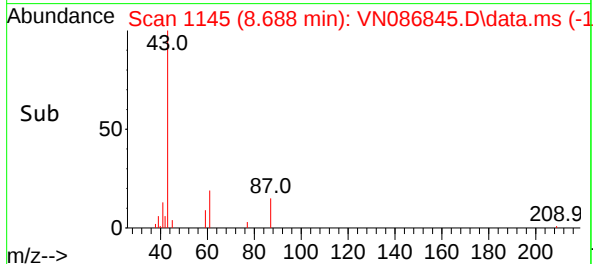
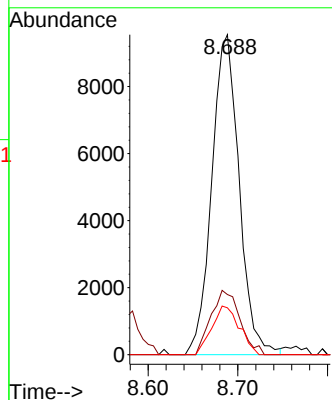
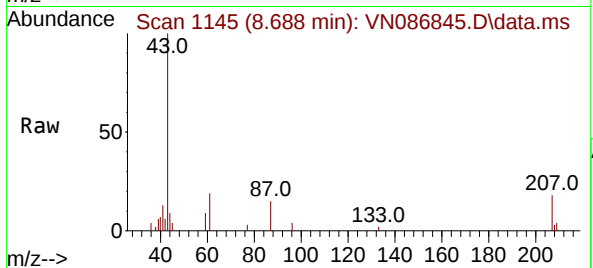
Tgt Ion: 43 Resp: 20245

Ion Ratio Lower Upper

43 100

61 21.3 21.4 32.2#

87 15.3 11.1 16.7



#50

Toluene-d8

Concen: 51.307 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. -0.000 min

Lab File: VN086845.D

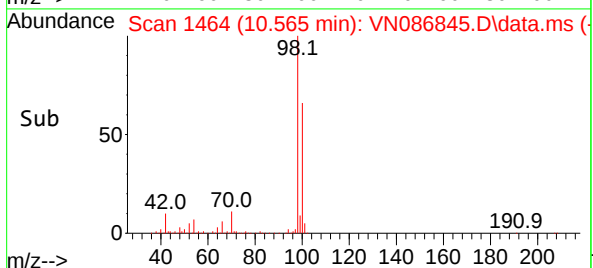
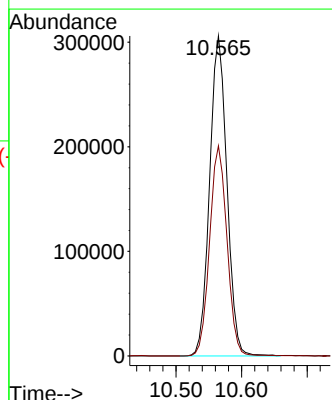
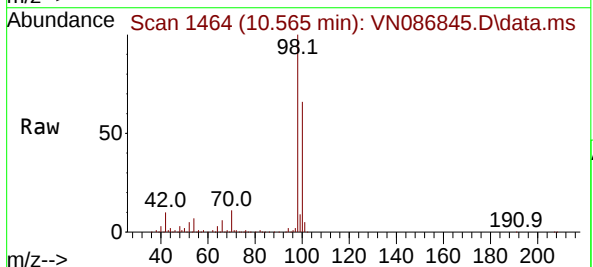
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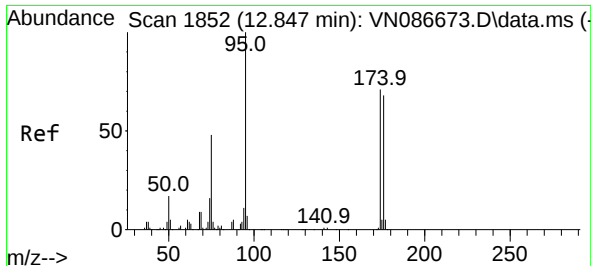
Tgt Ion: 98 Resp: 561160

Ion Ratio Lower Upper

98 100

100 66.0 52.9 79.3

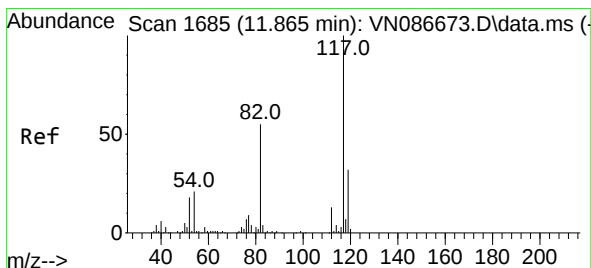
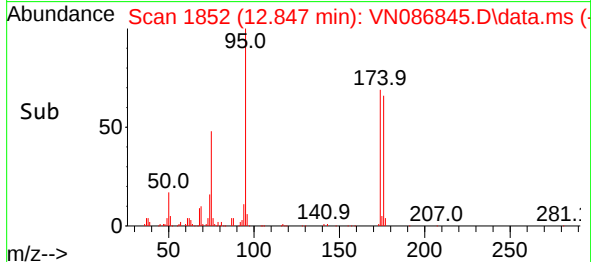
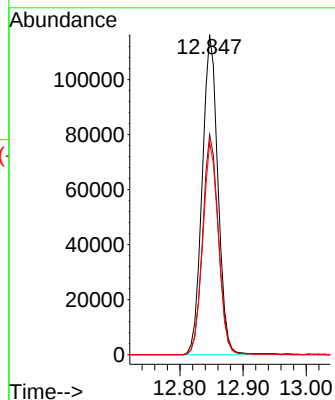
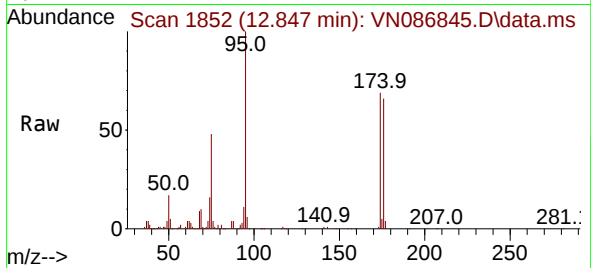




#62
4-Bromofluorobenzene
Concen: 51.990 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN086845.D
Acq: 03 Jun 2025 16:09

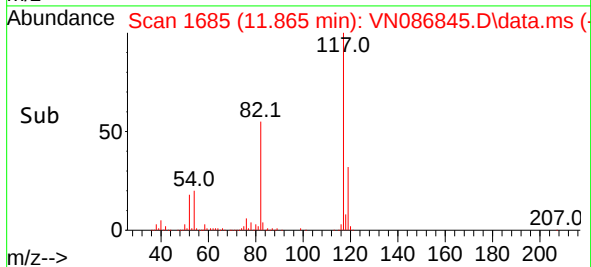
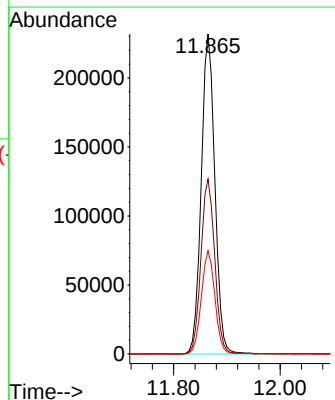
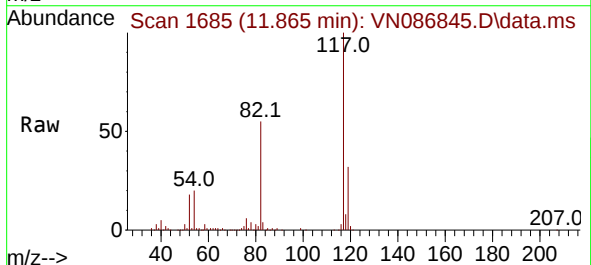
Instrument :
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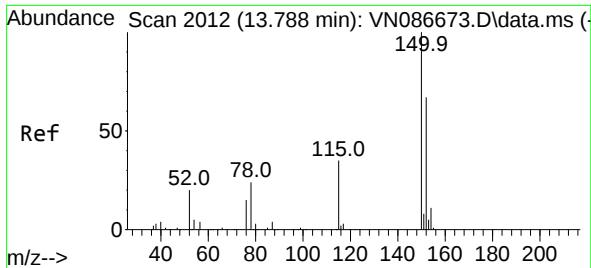
Tgt Ion: 95 Resp: 200778
Ion Ratio Lower Upper
95 100
174 69.0 0.0 145.4
176 66.1 0.0 137.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN086845.D
Acq: 03 Jun 2025 16:09

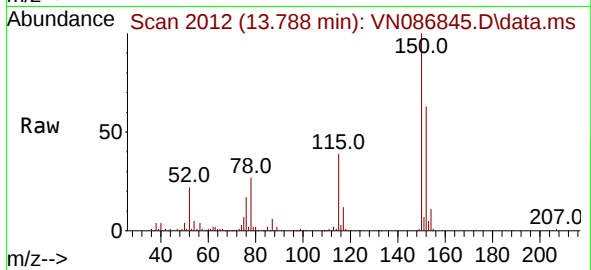
Tgt Ion: 117 Resp: 410736
Ion Ratio Lower Upper
117 100
82 54.6 44.2 66.2
119 32.2 25.4 38.2





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.788 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VN086845.D
 Acq: 03 Jun 2025 16:09

Instrument :
 MSVOA_N
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 PB168225ZHE#06



Tgt Ion:152 Resp: 174516
 Ion Ratio Lower Upper
 152 100
 115 60.3 30.0 90.1
 150 156.5 0.0 347.8

