

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN060325\
 Data File : VN086839.D
 Acq On : 03 Jun 2025 13:44
 Operator : JC\MD
 Sample : PB168225TB
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB168225TB

Quant Time: Jun 04 01:58:37 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)

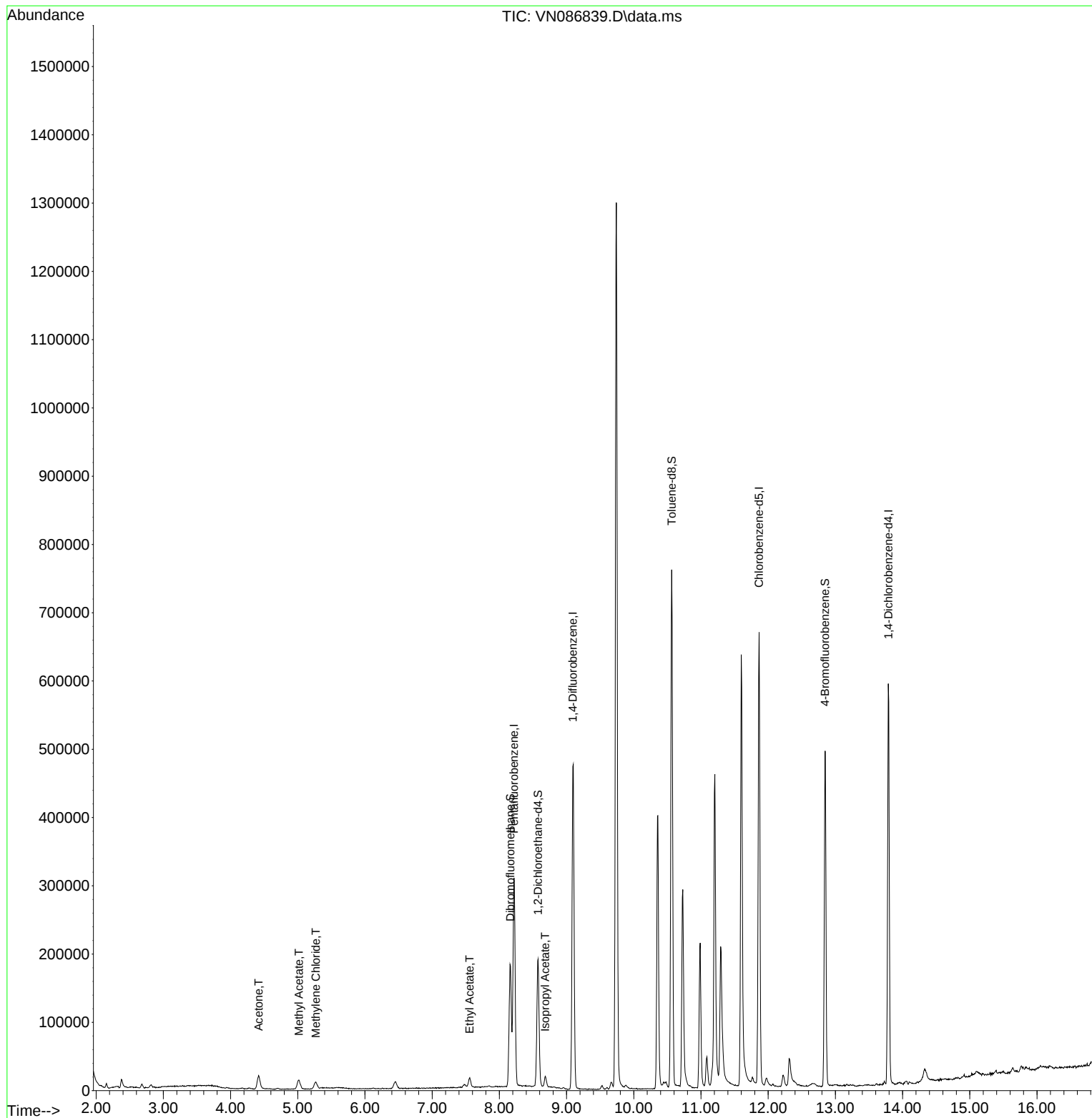
Internal Standards						
1) Pentafluorobenzene	8.218	168	237819	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.094	114	449344	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	406140	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	167440	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.576	65	155947	47.455	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	94.900%
35) Dibromofluoromethane	8.165	113	137786	51.489	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	102.980%
50) Toluene-d8	10.565	98	561312	50.616	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	101.240%
62) 4-Bromofluorobenzene	12.847	95	194357	49.636	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	99.280%
Target Compounds						
					Qvalue	
16) Acetone	4.418	43	37365	30.396	ug/l	89
18) Methyl Acetate	5.018	43	28564	8.302	ug/l	98
20) Methylene Chloride	5.271	84	8443	2.603	ug/l	96
37) Ethyl Acetate	7.559	43	20876	5.236	ug/l	98
43) Isopropyl Acetate	8.682	43	17248	2.158	ug/l #	93

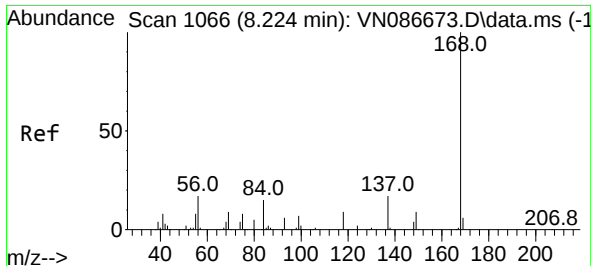
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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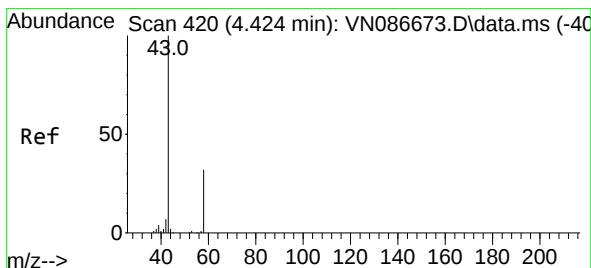
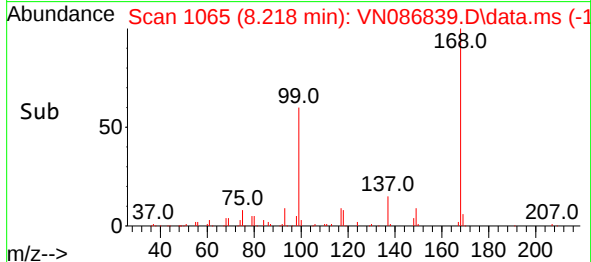
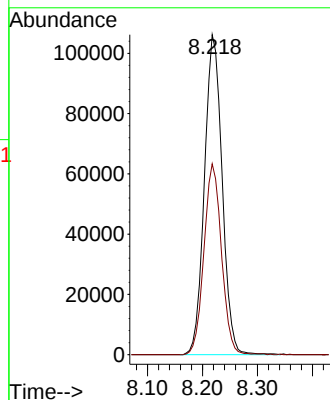
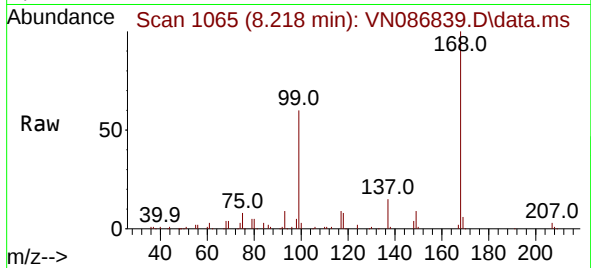




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.006 min
Lab File: VN086839.D
Acq: 03 Jun 2025 13:44

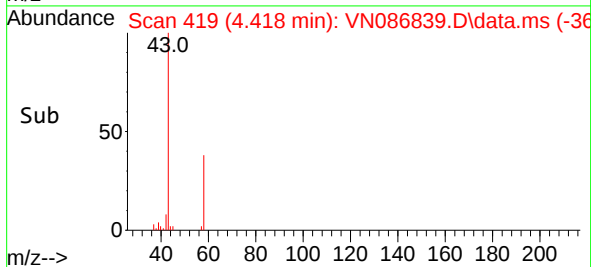
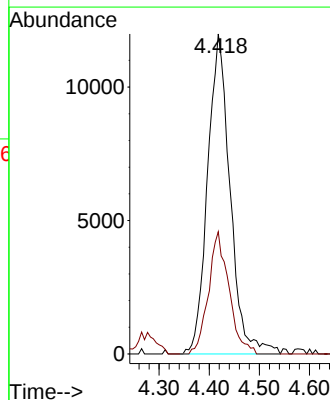
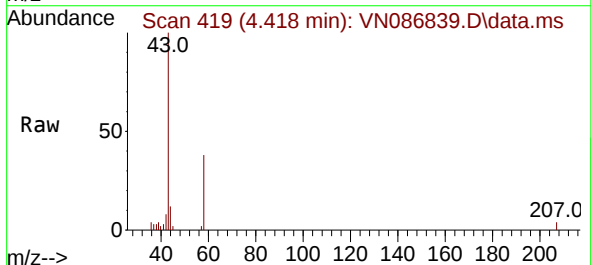
Instrument :
MSVOA_N
ClientSampleId :
PB168225TB

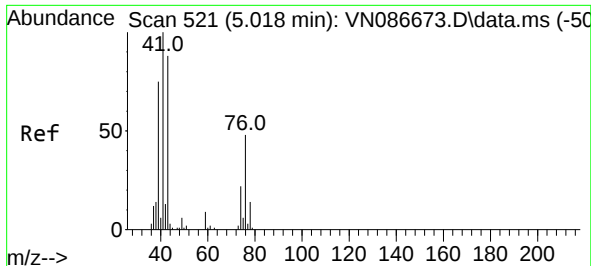
Tgt Ion:168 Resp: 237819
Ion Ratio Lower Upper
168 100
99 59.6 47.0 70.4



#16
Acetone
Concen: 30.396 ug/l
RT: 4.418 min Scan# 419
Delta R.T. -0.006 min
Lab File: VN086839.D
Acq: 03 Jun 2025 13:44

Tgt Ion: 43 Resp: 37365
Ion Ratio Lower Upper
43 100
58 38.2 25.8 38.6

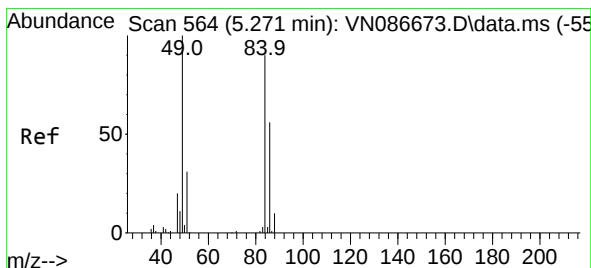
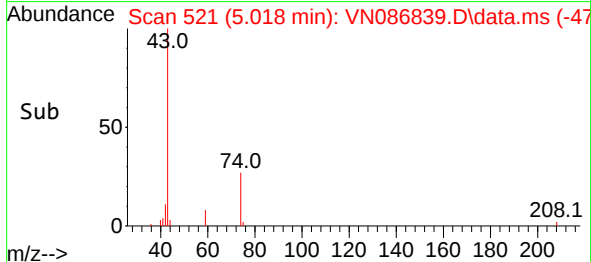
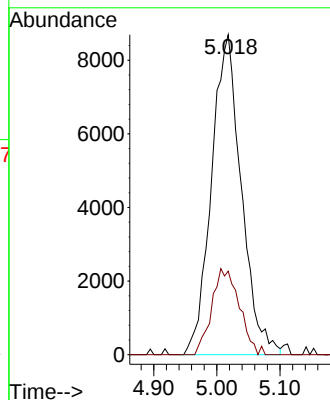
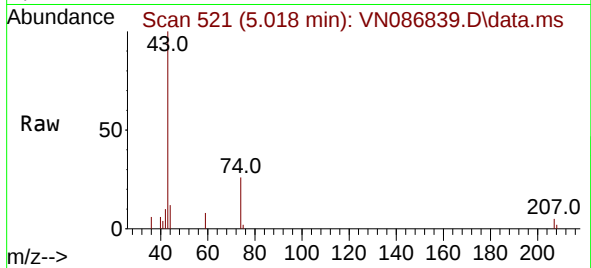




#18
Methyl Acetate
Concen: 8.302 ug/l
RT: 5.018 min Scan# 51
Delta R.T. -0.000 min
Lab File: VN086839.D
Acq: 03 Jun 2025 13:44

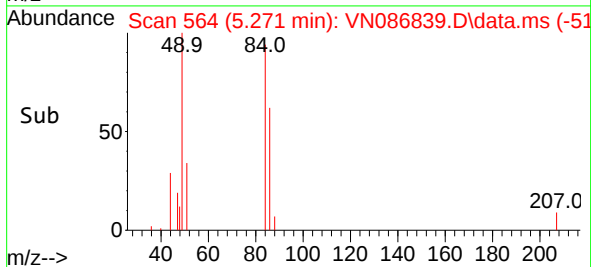
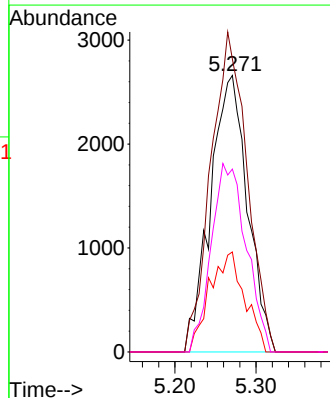
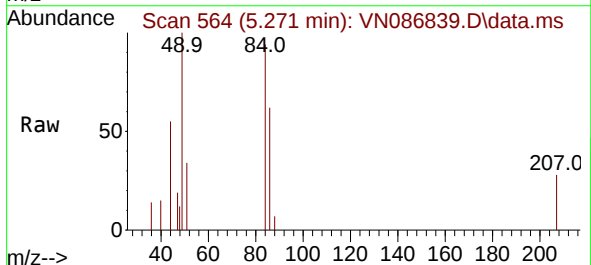
Instrument :
MSVOA_N
ClientSampleId :
PB168225TB

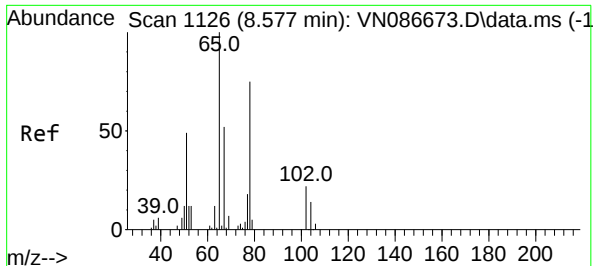
Tgt Ion: 43 Resp: 28564
Ion Ratio Lower Upper
43 100
74 24.8 20.5 30.7



#20
Methylene Chloride
Concen: 2.603 ug/l
RT: 5.271 min Scan# 564
Delta R.T. -0.000 min
Lab File: VN086839.D
Acq: 03 Jun 2025 13:44

Tgt Ion: 84 Resp: 8443
Ion Ratio Lower Upper
84 100
49 105.9 88.8 133.2
51 36.2 27.8 41.6
86 66.1 49.8 74.6

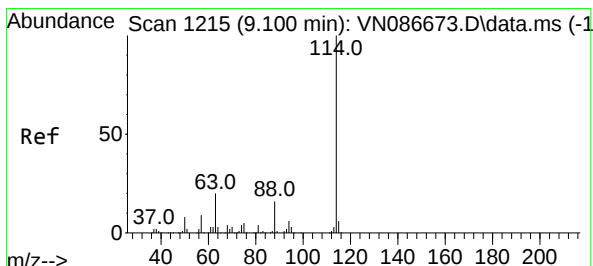
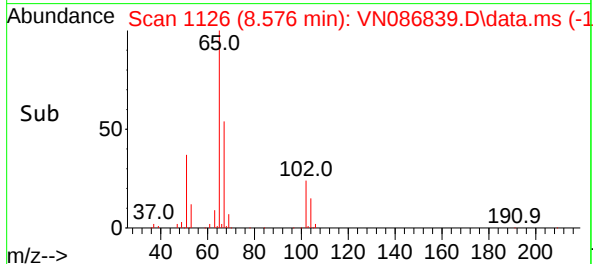
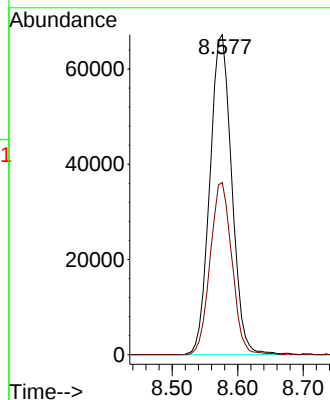
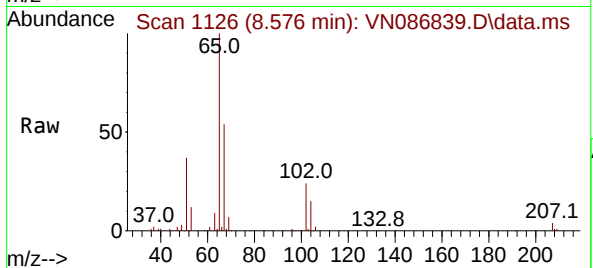




#33
1,2-Dichloroethane-d4
Concen: 47.455 ug/l
RT: 8.576 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN086839.D
Acq: 03 Jun 2025 13:44

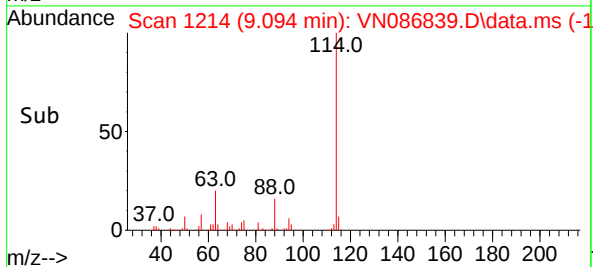
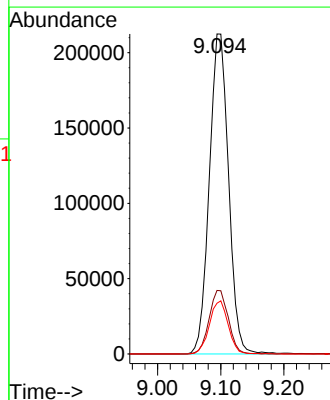
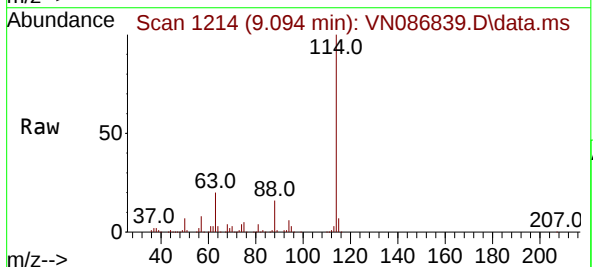
Instrument :
MSVOA_N
ClientSampleId :
PB168225TB

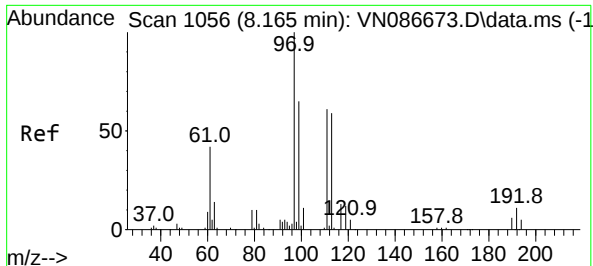
Tgt Ion: 65 Resp: 155947
Ion Ratio Lower Upper
65 100
67 53.4 0.0 106.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.094 min Scan# 1214
Delta R.T. -0.006 min
Lab File: VN086839.D
Acq: 03 Jun 2025 13:44

Tgt Ion: 114 Resp: 449344
Ion Ratio Lower Upper
114 100
63 19.9 0.0 40.2
88 15.8 0.0 31.2

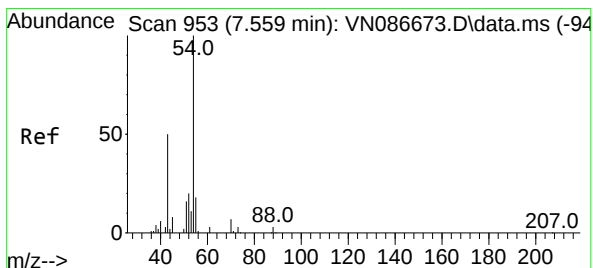
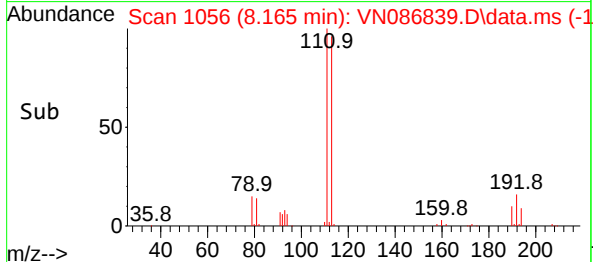
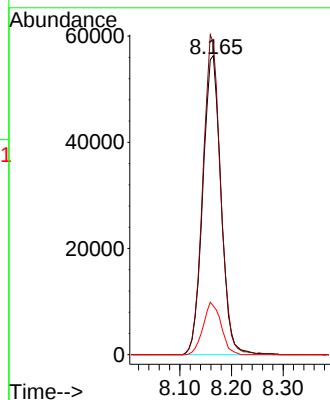
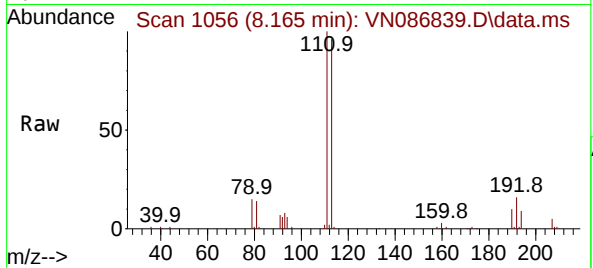




#35
Dibromofluoromethane
Concen: 51.489 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN086839.D
Acq: 03 Jun 2025 13:44

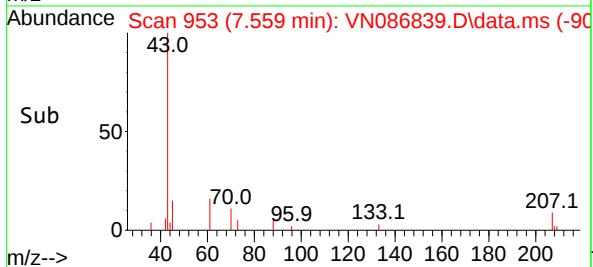
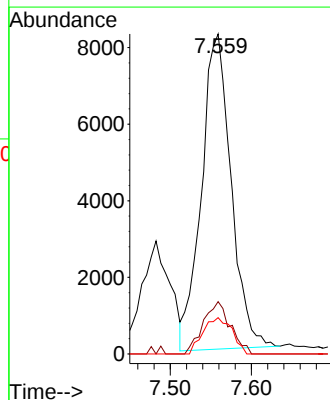
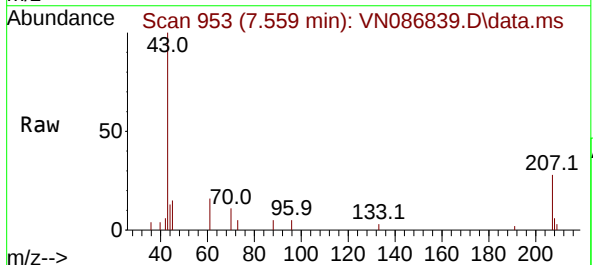
Instrument :
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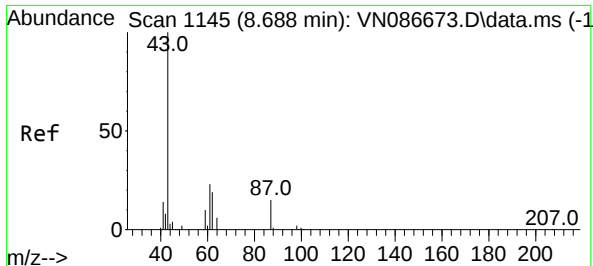
Tgt Ion:113 Resp: 137786
Ion Ratio Lower Upper
113 100
111 103.9 82.2 123.2
192 17.2 13.8 20.8



#37
Ethyl Acetate
Concen: 5.236 ug/l
RT: 7.559 min Scan# 953
Delta R.T. -0.000 min
Lab File: VN086839.D
Acq: 03 Jun 2025 13:44

Tgt Ion: 43 Resp: 20876
Ion Ratio Lower Upper
43 100
61 15.3 11.6 17.4
70 11.3 9.4 14.0





#43

Isopropyl Acetate

Concen: 2.158 ug/l

RT: 8.682 min Scan# 1144

Delta R.T. -0.006 min

Lab File: VN086839.D

Acq: 03 Jun 2025 13:44

Instrument :

MSVOA_N

ClientSampleId :

PB168225TB

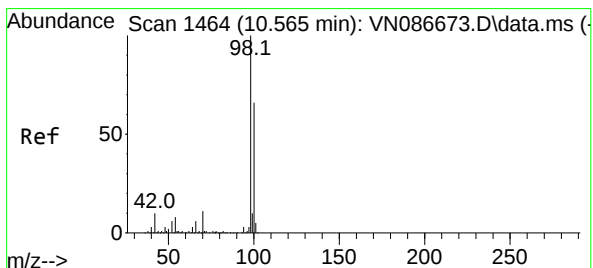
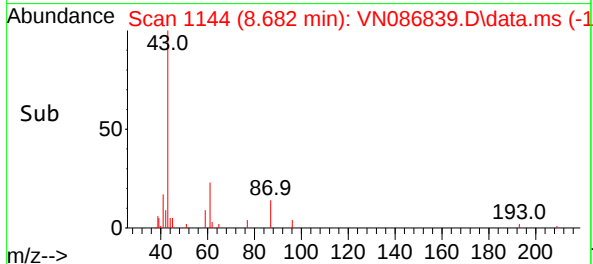
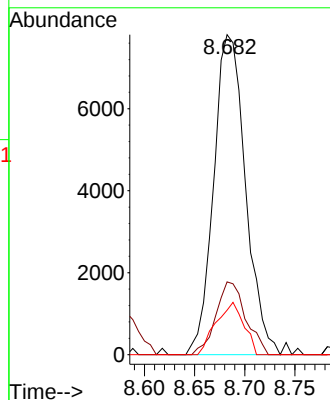
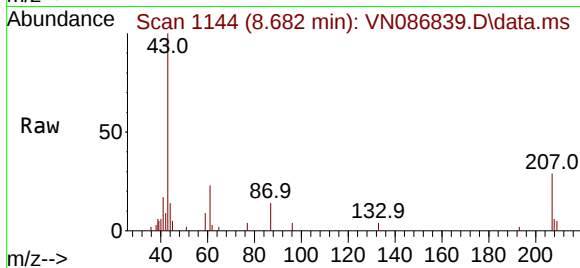
Tgt Ion: 43 Resp: 17248

Ion Ratio Lower Upper

43 100

61 21.3 21.4 32.2#

87 14.3 11.1 16.7



#50

Toluene-d8

Concen: 50.616 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. -0.000 min

Lab File: VN086839.D

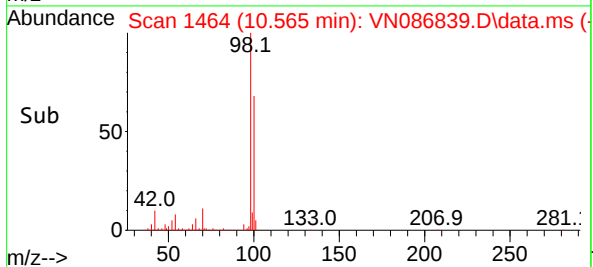
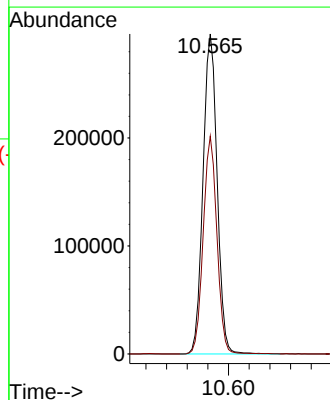
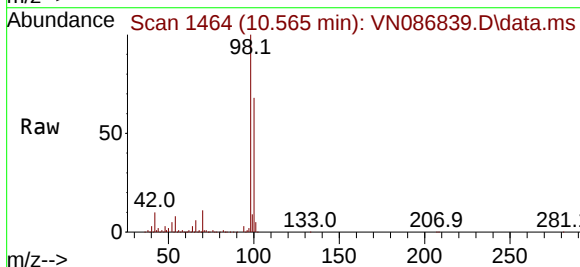
Acq: 03 Jun 2025 13:44

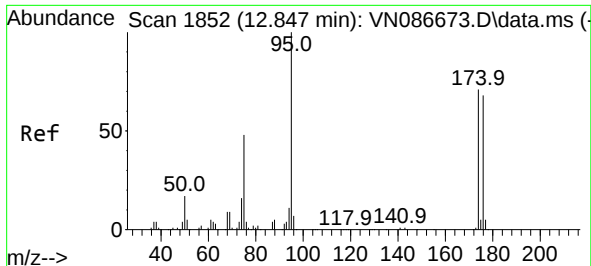
Tgt Ion: 98 Resp: 561312

Ion Ratio Lower Upper

98 100

100 66.3 52.9 79.3

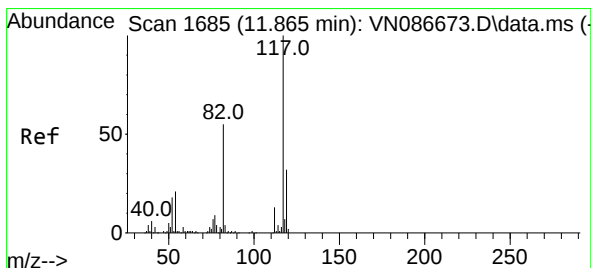
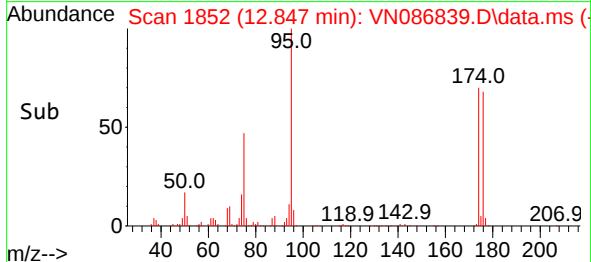
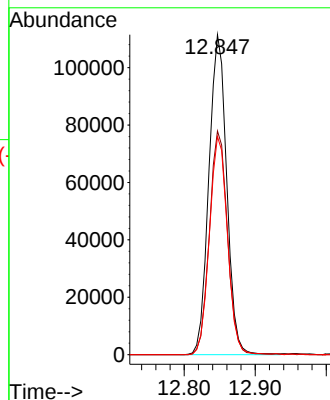
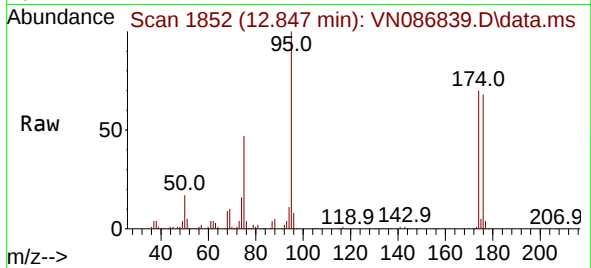




#62
4-Bromofluorobenzene
Concen: 49.636 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN086839.D
Acq: 03 Jun 2025 13:44

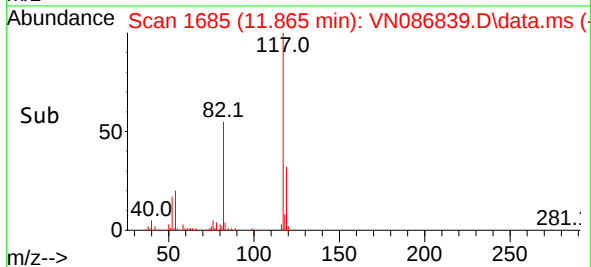
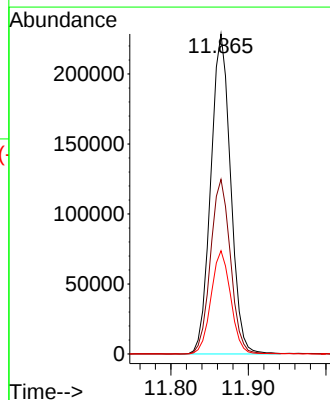
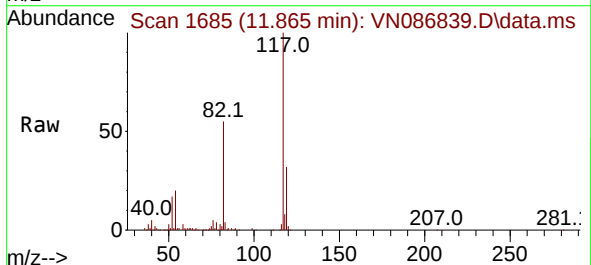
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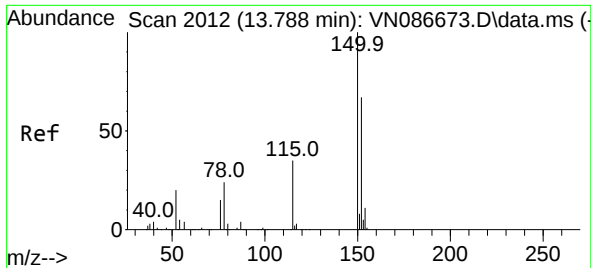
Tgt Ion: 95 Resp: 194357
Ion Ratio Lower Upper
95 100
174 70.6 0.0 145.4
176 68.8 0.0 137.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN086839.D
Acq: 03 Jun 2025 13:44

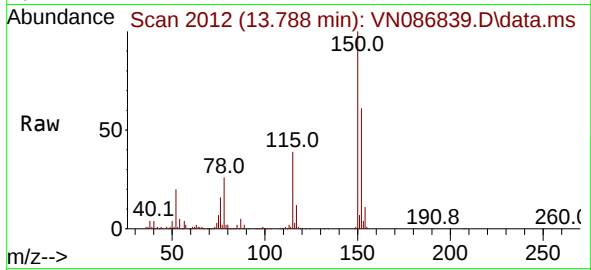
Tgt Ion: 117 Resp: 406140
Ion Ratio Lower Upper
117 100
82 54.5 44.2 66.2
119 32.3 25.4 38.2





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.788 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VN086839.D
 Acq: 03 Jun 2025 13:44

Instrument :
 MSVOA_N
 ClientSampleId :
 PB168225TB



Tgt Ion:152 Resp: 167440

Ion	Ratio	Lower	Upper
152	100		
115	62.1	30.0	90.1
150	159.5	0.0	347.8

