

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061725\
 Data File : VN087057.D
 Acq On : 17 Jun 2025 14:22
 Operator : JC\MD
 Sample : Q2311-04
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TP03-MH2MH3-WC

Quant Time: Jun 18 01:48:14 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060625W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 07 02:12:50 2025
 Response via : Initial Calibration

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

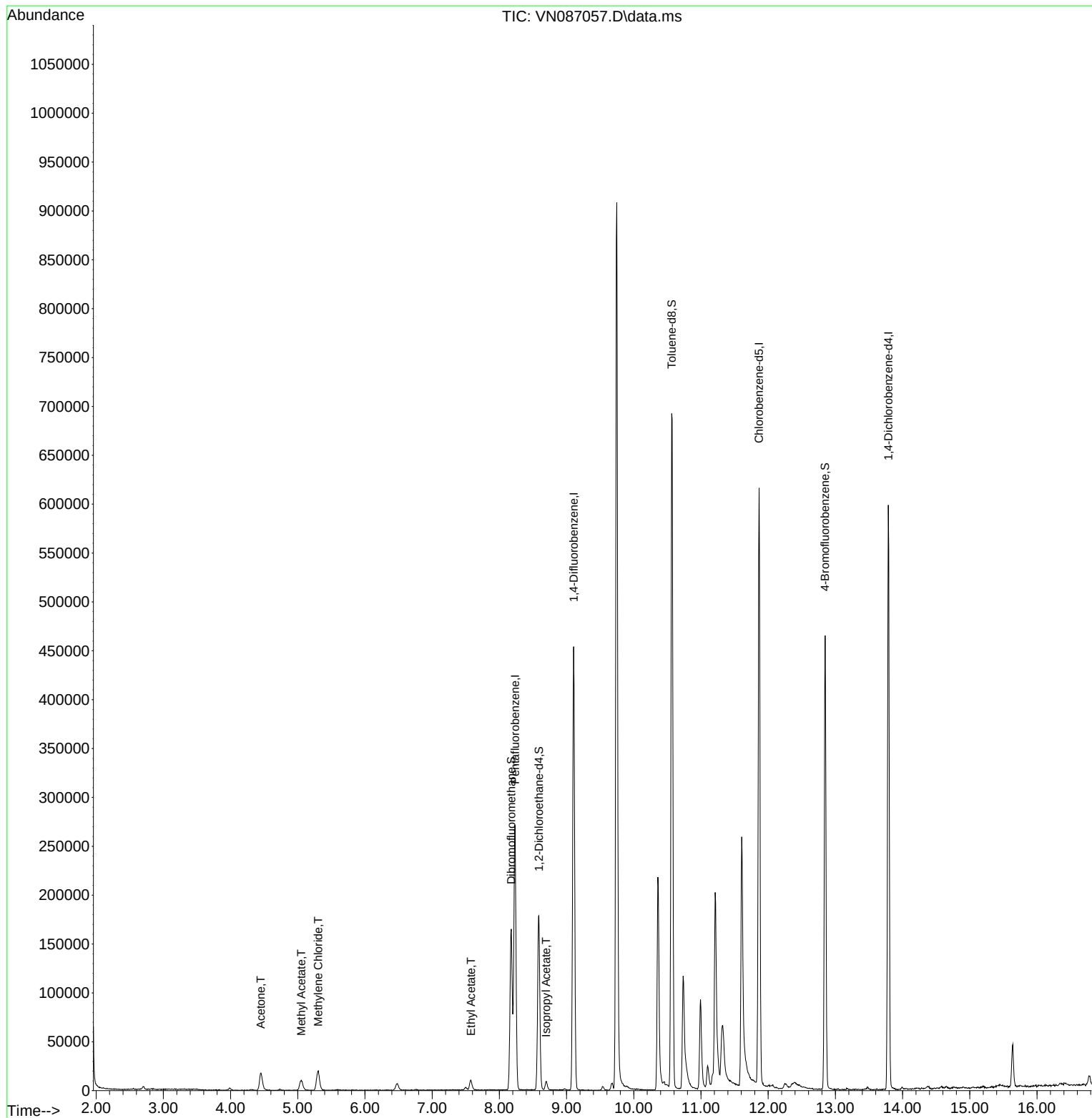
Internal Standards						
1) Pentafluorobenzene	8.235	168	218305	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	426446	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	387763	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	180453	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	147390	50.427	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	= 100.860%		
35) Dibromofluoromethane	8.177	113	128887	51.000	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 102.000%		
50) Toluene-d8	10.565	98	528352	52.811	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	= 105.620%		
62) 4-Bromofluorobenzene	12.847	95	186824	50.262	ug/l	0.00
Spiked Amount	50.000	Range 77 - 121	Recovery	= 100.520%		
Target Compounds						
						Qvalue
16) Acetone	4.447	43	35932	23.182	ug/l	96
18) Methyl Acetate	5.053	43	23640	5.234	ug/l	99
20) Methylene Chloride	5.306	84	18730	6.454	ug/l #	86
37) Ethyl Acetate	7.577	43	16234	3.386	ug/l	99
43) Isopropyl Acetate	8.694	43	10155	1.320	ug/l	97

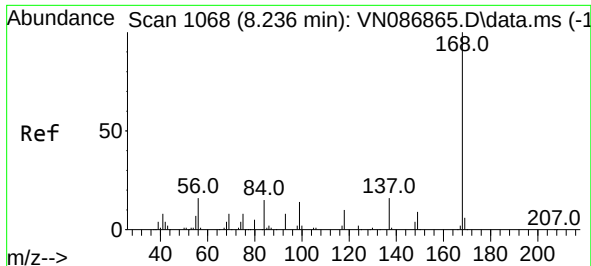
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Sat Jun 07 02:12:50 2025
Response via : Initial Calibration

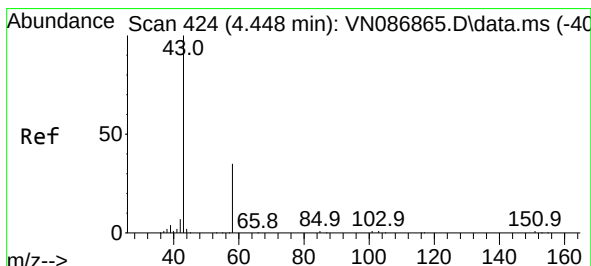
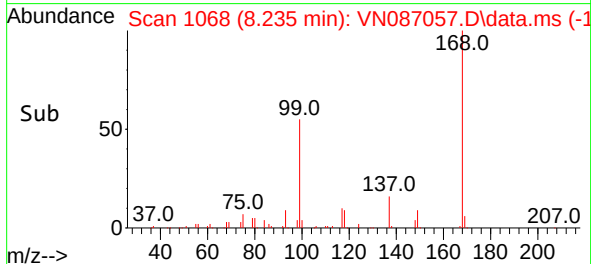
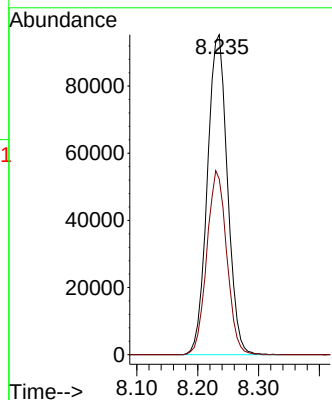
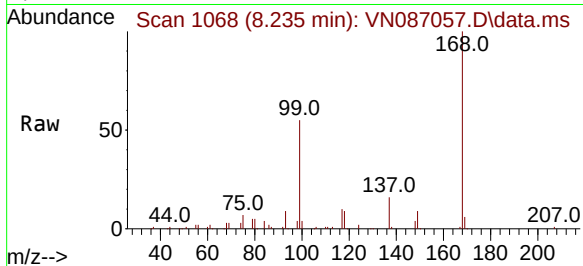




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.235 min Scan# 1068
Delta R.T. -0.001 min
Lab File: VN087057.D
Acq: 17 Jun 2025 14:22

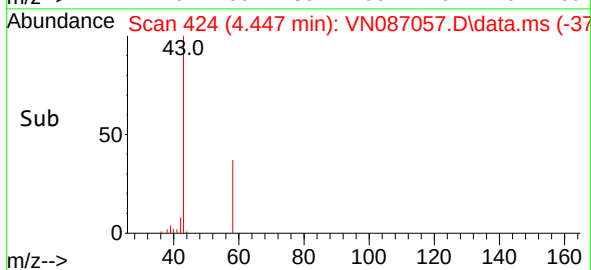
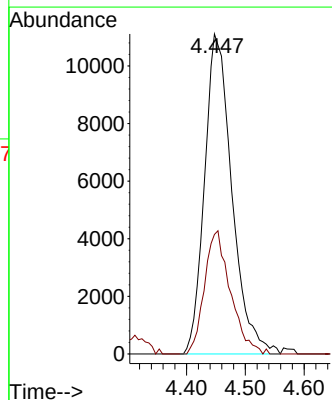
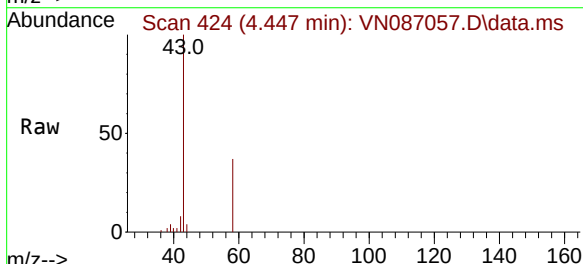
Instrument :
MSVOA_N
ClientSampleId :
TP03-MH2MH3-WC

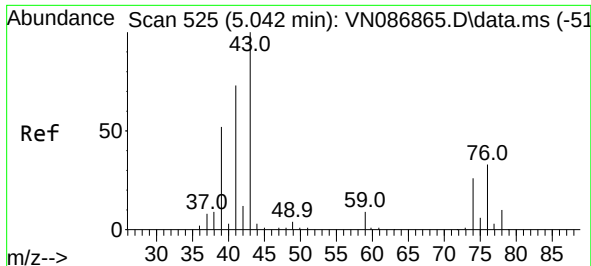
Tgt Ion:168 Resp: 218305
Ion Ratio Lower Upper
168 100
99 54.9 49.1 73.7



#16
Acetone
Concen: 23.182 ug/l
RT: 4.447 min Scan# 424
Delta R.T. -0.000 min
Lab File: VN087057.D
Acq: 17 Jun 2025 14:22

Tgt Ion: 43 Resp: 35932
Ion Ratio Lower Upper
43 100
58 37.3 28.0 42.0

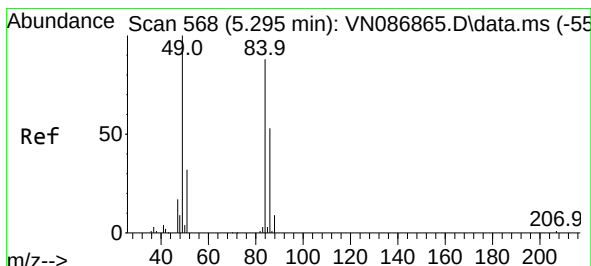
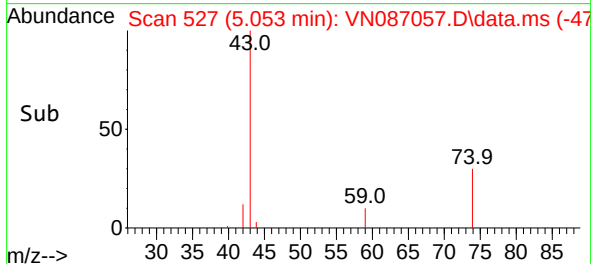
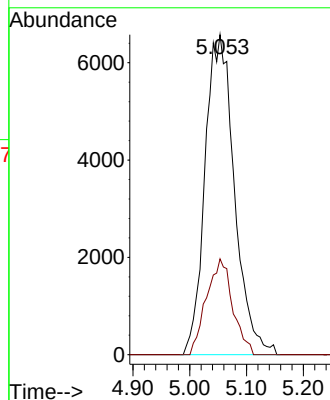
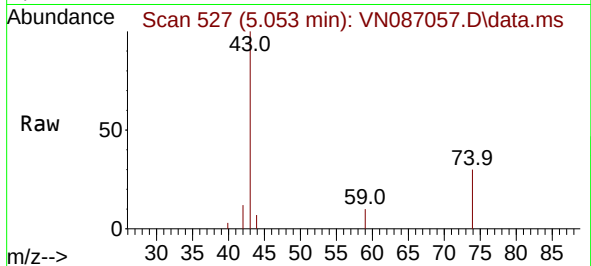




#18
Methyl Acetate
Concen: 5.234 ug/l
RT: 5.053 min Scan# 51
Delta R.T. 0.012 min
Lab File: VN087057.D
Acq: 17 Jun 2025 14:22

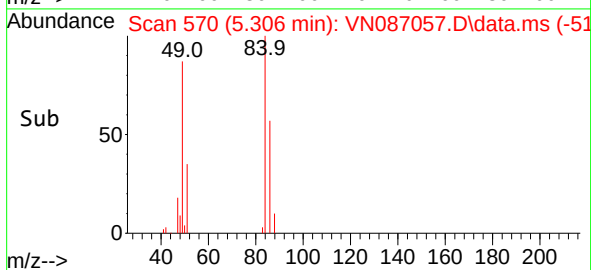
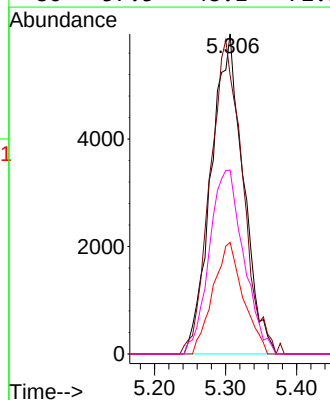
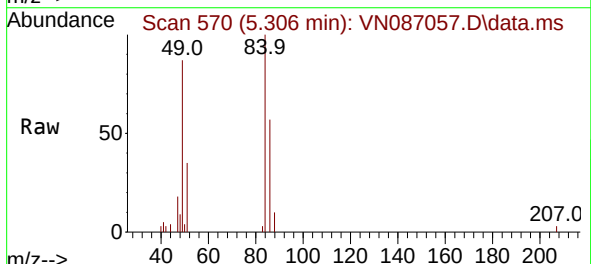
Instrument :
MSVOA_N
ClientSampleId :
TP03-MH2MH3-WC

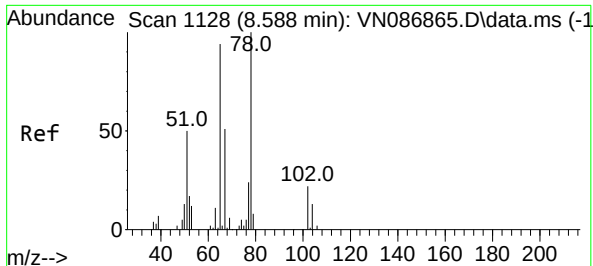
Tgt Ion: 43 Resp: 23640
Ion Ratio Lower Upper
43 100
74 26.6 20.7 31.1



#20
Methylene Chloride
Concen: 6.454 ug/l
RT: 5.306 min Scan# 570
Delta R.T. 0.012 min
Lab File: VN087057.D
Acq: 17 Jun 2025 14:22

Tgt Ion: 84 Resp: 18730
Ion Ratio Lower Upper
84 100
49 87.1 90.5 135.7#
51 34.9 28.5 42.7
86 57.5 48.1 72.1





#33

1,2-Dichloroethane-d4

Concen: 50.427 ug/l

RT: 8.588 min Scan# 1128

Delta R.T. -0.000 min

Lab File: VN087057.D

Acq: 17 Jun 2025 14:22

Instrument :

MSVOA_N

ClientSampleId :

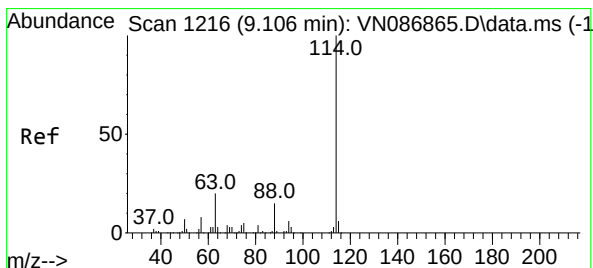
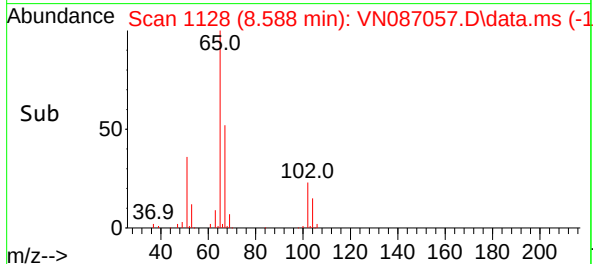
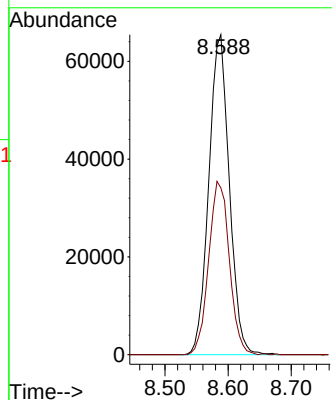
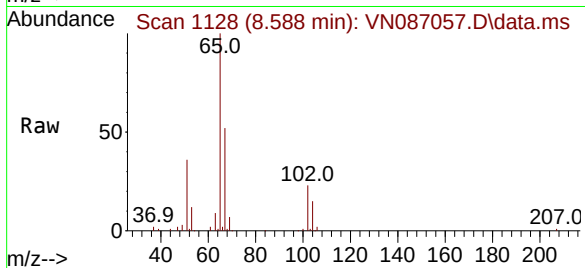
TP03-MH2MH3-WC

Tgt Ion: 65 Resp: 147390

Ion Ratio Lower Upper

65 100

67 54.7 0.0 105.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. -0.000 min

Lab File: VN087057.D

Acq: 17 Jun 2025 14:22

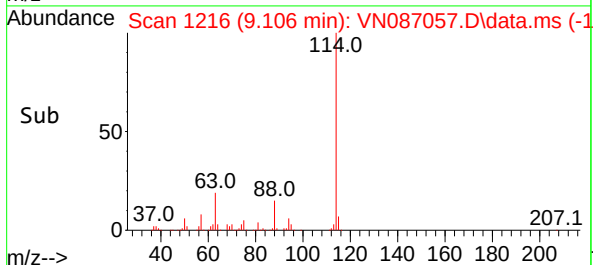
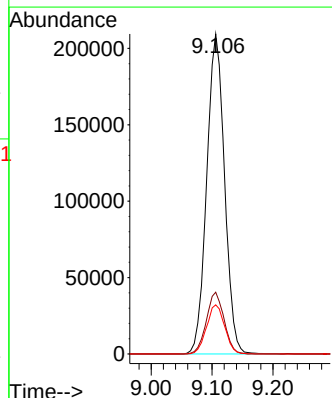
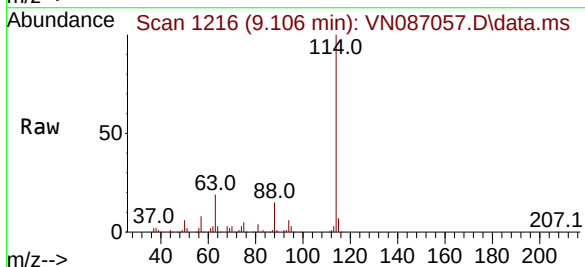
Tgt Ion: 114 Resp: 426446

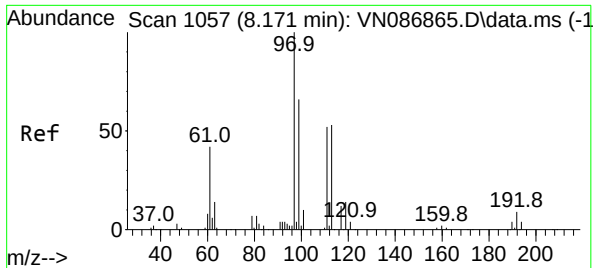
Ion Ratio Lower Upper

114 100

63 19.3 0.0 39.6

88 15.3 0.0 30.2

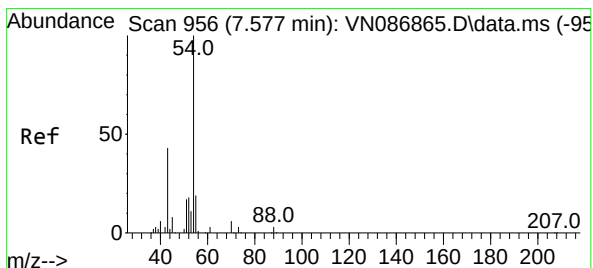
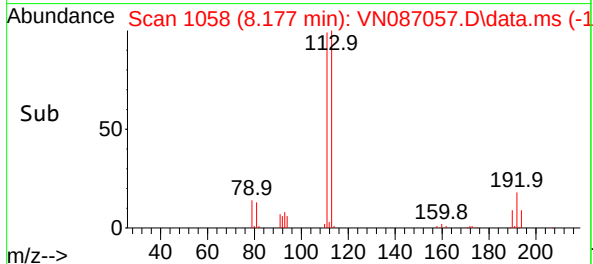
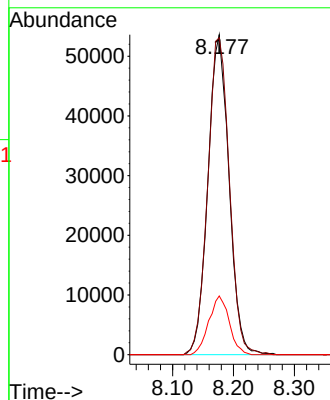
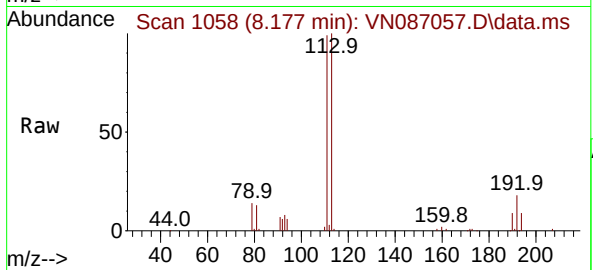




#35
Dibromofluoromethane
Concen: 51.000 ug/l
RT: 8.177 min Scan# 1057
Delta R.T. 0.006 min
Lab File: VN087057.D
Acq: 17 Jun 2025 14:22

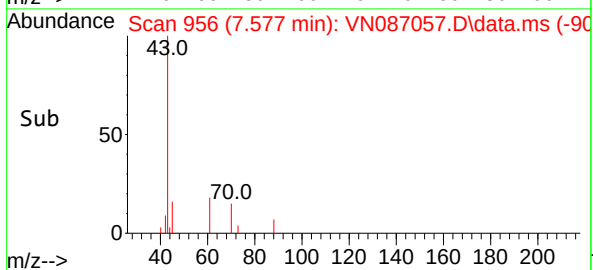
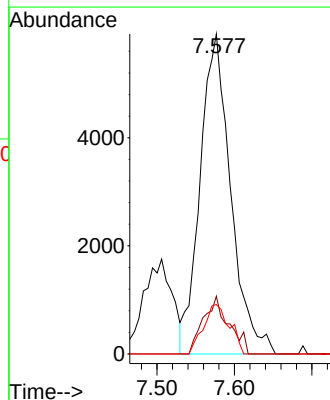
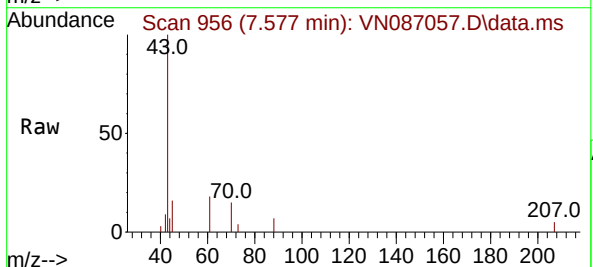
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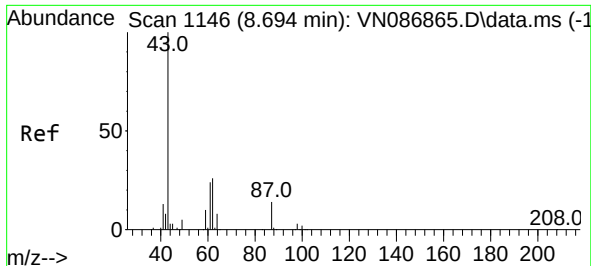
Tgt Ion:113 Resp: 128887
Ion Ratio Lower Upper
113 100
111 101.6 84.2 126.2
192 17.8 14.2 21.4



#37
Ethyl Acetate
Concen: 3.386 ug/l
RT: 7.577 min Scan# 956
Delta R.T. -0.000 min
Lab File: VN087057.D
Acq: 17 Jun 2025 14:22

Tgt Ion: 43 Resp: 16234
Ion Ratio Lower Upper
43 100
61 15.0 12.1 18.1
70 13.1 9.8 14.6

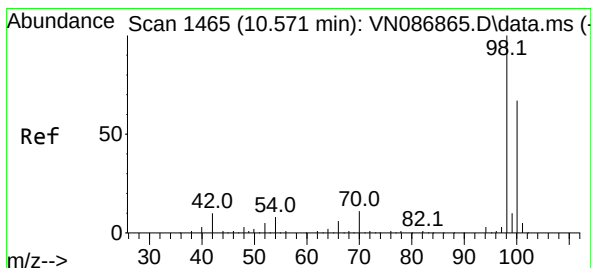
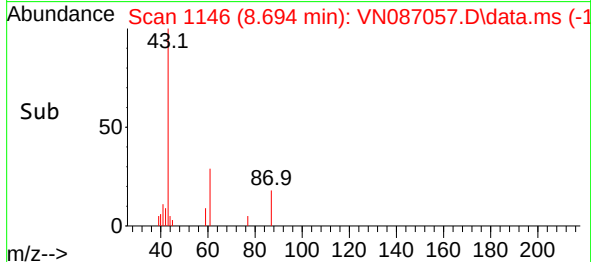
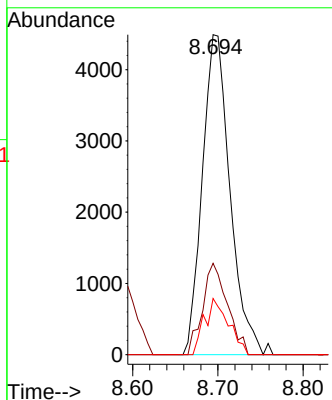
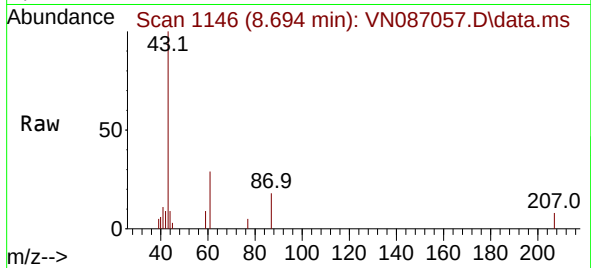




#43
Isopropyl Acetate
Concen: 1.320 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. -0.000 min
Lab File: VN087057.D
Acq: 17 Jun 2025 14:22

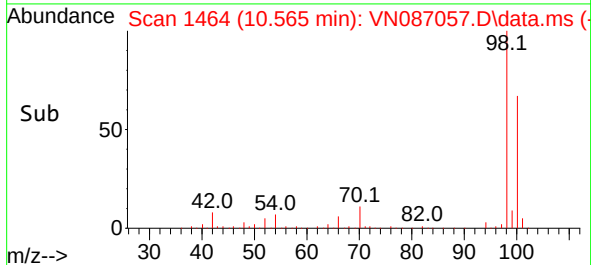
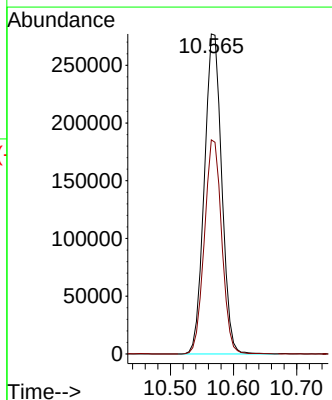
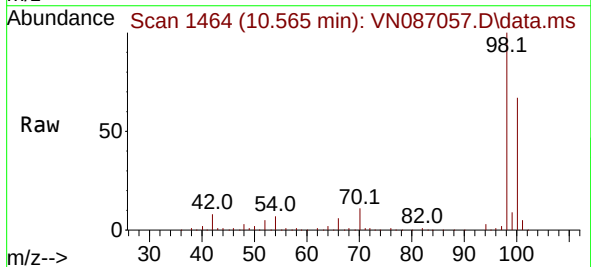
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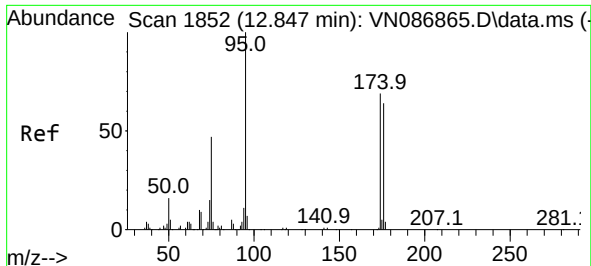
Tgt Ion: 43	Resp: 10155
Ion Ratio	Lower Upper
43	100
61	25.5 22.1 33.1
87	15.2 11.8 17.6



#50
Toluene-d8
Concen: 52.811 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.006 min
Lab File: VN087057.D
Acq: 17 Jun 2025 14:22

Tgt Ion: 98	Resp: 528352
Ion Ratio	Lower Upper
98	100
100	66.8 53.4 80.0

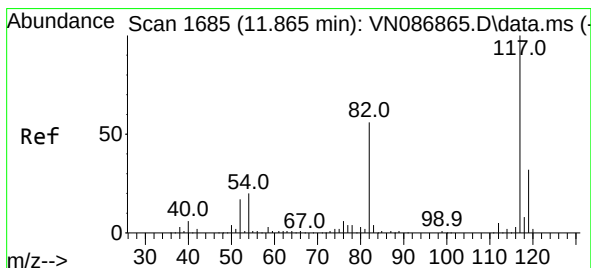
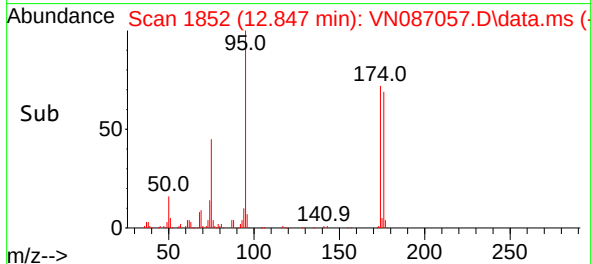
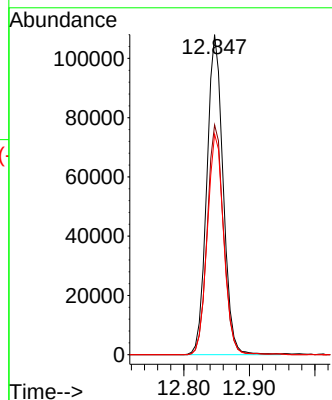
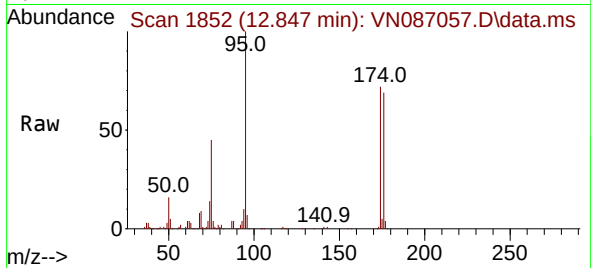




#62
4-Bromofluorobenzene
Concen: 50.262 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN087057.D
Acq: 17 Jun 2025 14:22

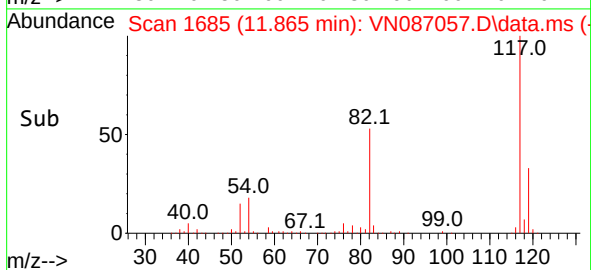
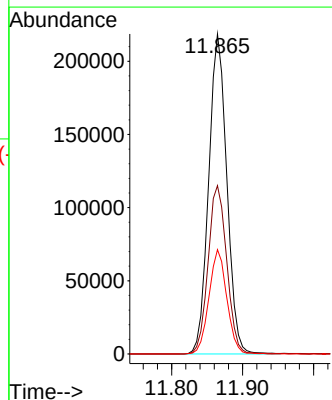
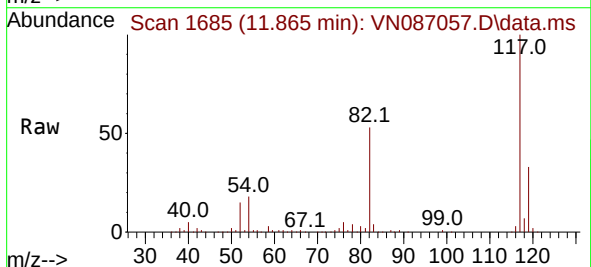
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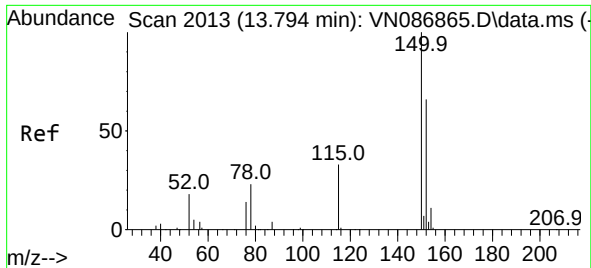
Tgt Ion: 95 Resp: 186824
Ion Ratio Lower Upper
95 100
174 72.0 0.0 141.8
176 69.3 0.0 132.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN087057.D
Acq: 17 Jun 2025 14:22

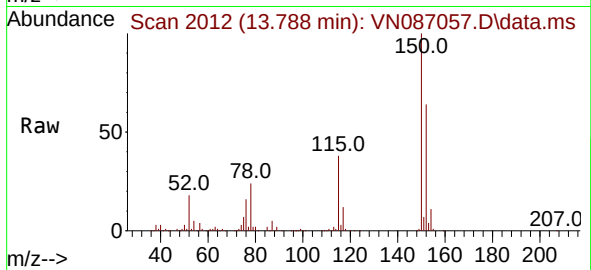
Tgt Ion: 117 Resp: 387763
Ion Ratio Lower Upper
117 100
82 52.6 44.6 67.0
119 32.6 25.5 38.3





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.788 min Scan# 20
 Delta R.T. -0.006 min
 Lab File: VN087057.D
 Acq: 17 Jun 2025 14:22

Instrument :
 MSVOA_N
 ClientSampleId :
 TP03-MH2MH3-WC



Tgt Ion:152 Resp: 180453
 Ion Ratio Lower Upper
 152 100
 115 59.5 30.1 90.5
 150 156.6 0.0 345.0

