

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN060325\
 Data File : VN086859.D
 Acq On : 03 Jun 2025 21:49
 Operator : JC\MD
 Sample : Q2185-08
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TP01-MHB-WC

Quant Time: Jun 04 02:08:37 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)

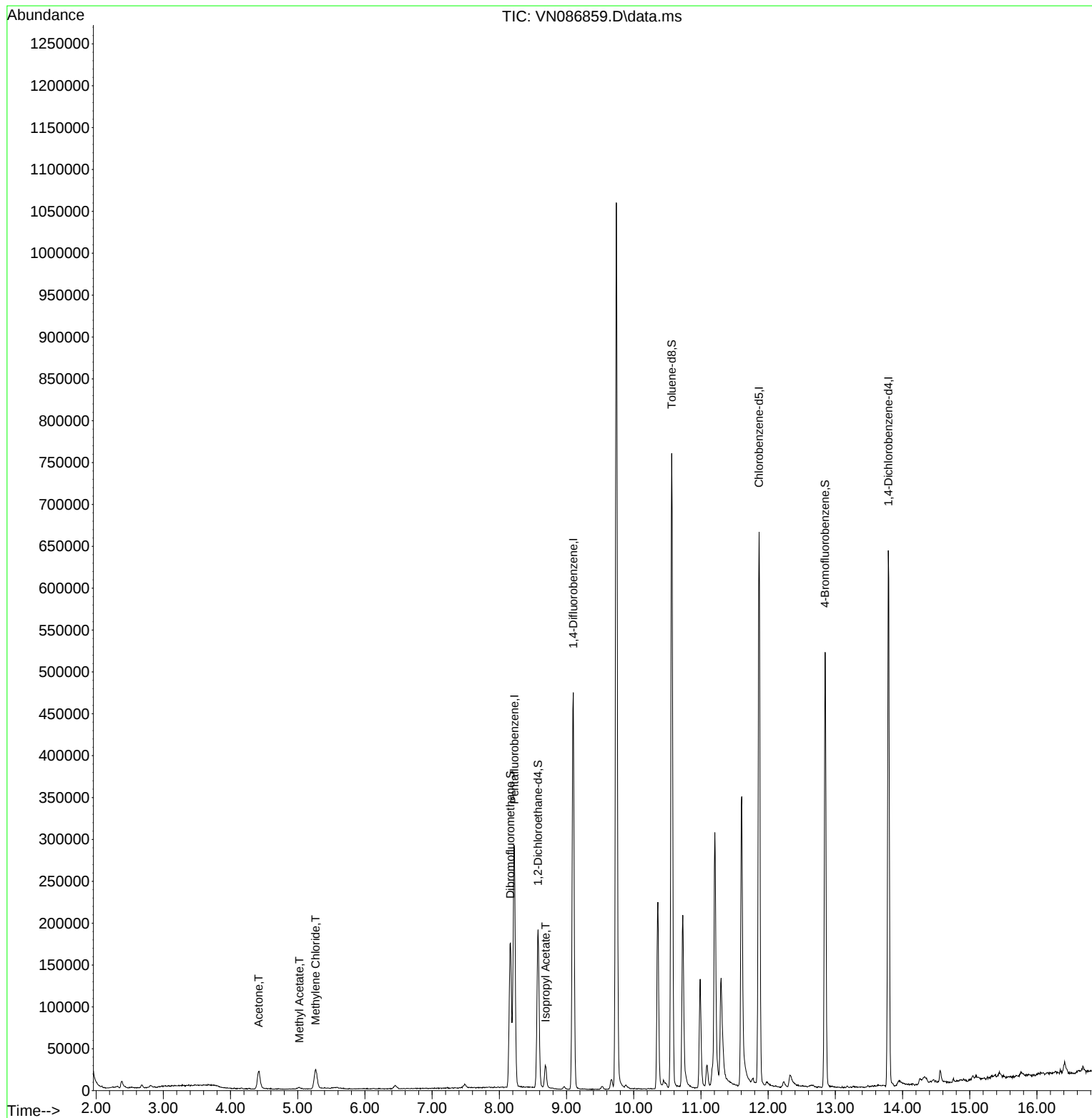
Internal Standards						
1) Pentafluorobenzene	8.224	168	221364	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	429762	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	408049	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	182763	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	156008	51.002	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	= 102.000%		
35) Dibromofluoromethane	8.165	113	134643	52.607	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 105.220%		
50) Toluene-d8	10.565	98	548008	51.668	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	= 103.340%		
62) 4-Bromofluorobenzene	12.847	95	202871	54.171	ug/l	0.00
Spiked Amount	50.000	Range 77 - 121	Recovery	= 108.340%		
Target Compounds						
					Qvalue	
16) Acetone	4.418	43	41784	36.518	ug/l	98
18) Methyl Acetate	5.024	43	4172	1.303	ug/l #	87
20) Methylene Chloride	5.265	84	19077	6.318	ug/l	96
43) Isopropyl Acetate	8.688	43	31732	4.151	ug/l	93

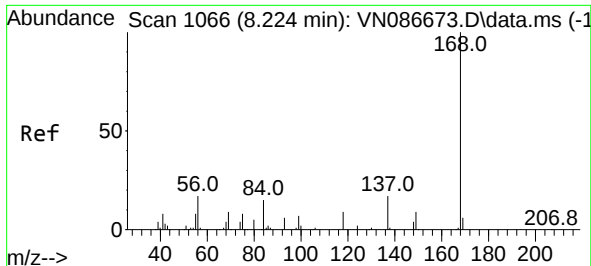
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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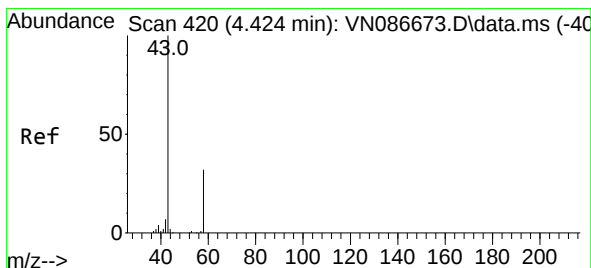
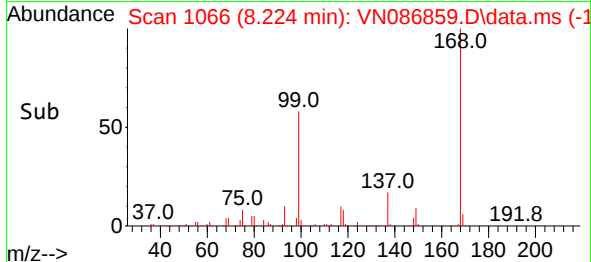
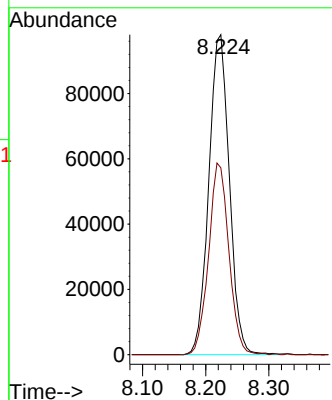
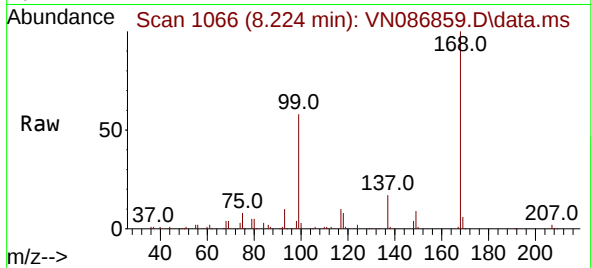




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086859.D
Acq: 03 Jun 2025 21:49

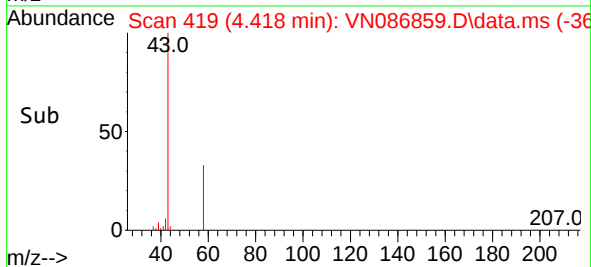
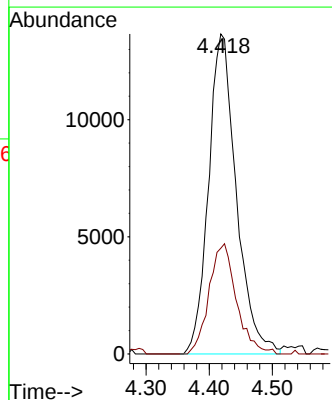
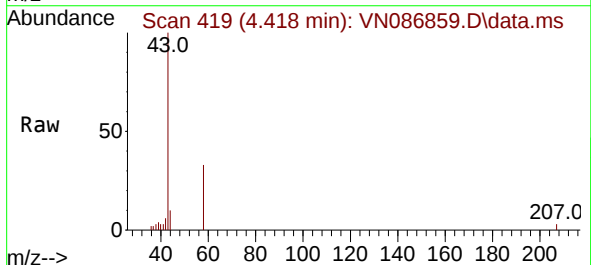
Instrument :
MSVOA_N
ClientSampleId :
TP01-MHB-WC

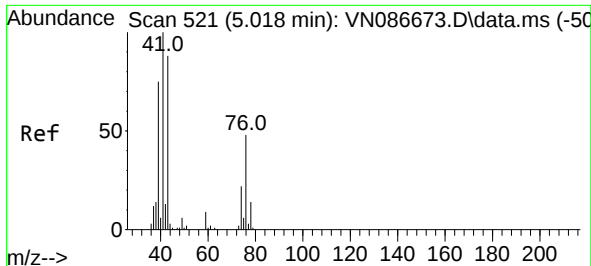
Tgt Ion:168 Resp: 221364
Ion Ratio Lower Upper
168 100
99 58.4 47.0 70.4



#16
Acetone
Concen: 36.518 ug/l
RT: 4.418 min Scan# 419
Delta R.T. -0.006 min
Lab File: VN086859.D
Acq: 03 Jun 2025 21:49

Tgt Ion: 43 Resp: 41784
Ion Ratio Lower Upper
43 100
58 33.1 25.8 38.6

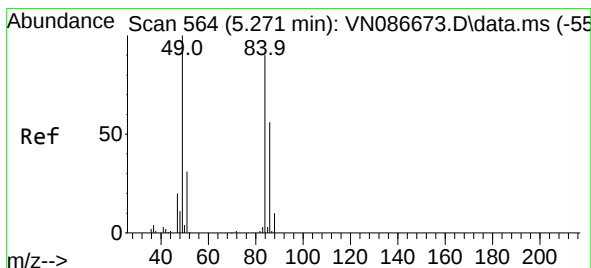
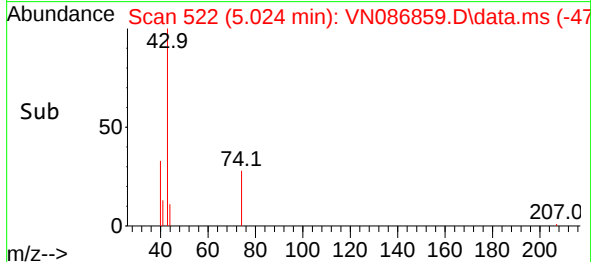
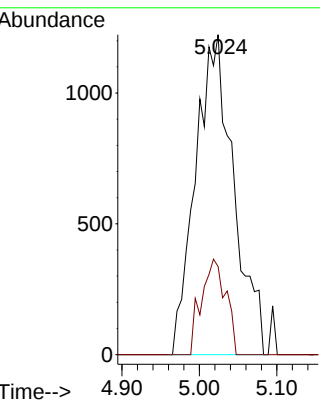
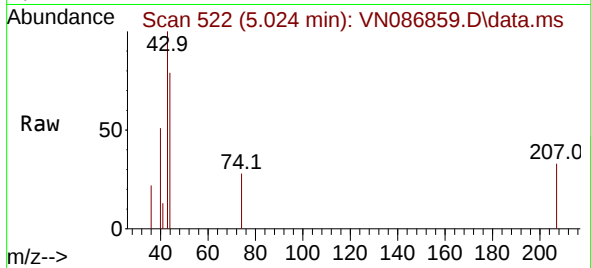




#18
Methyl Acetate
Concen: 1.303 ug/l
RT: 5.024 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN086859.D
Acq: 03 Jun 2025 21:49

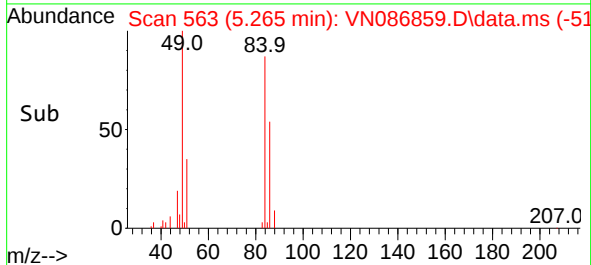
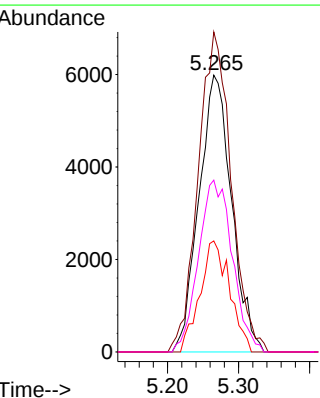
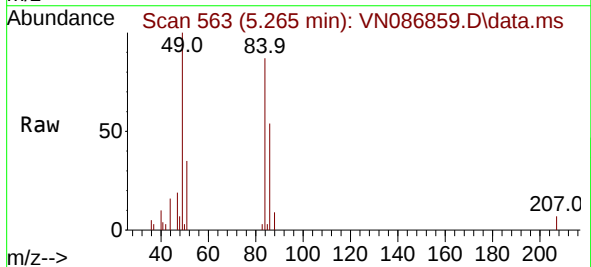
Instrument :
MSVOA_N
ClientSampleId :
TP01-MHB-WC

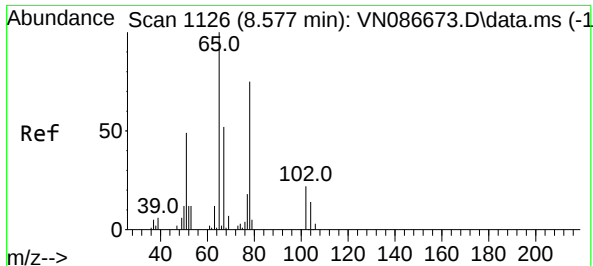
Tgt Ion: 43 Resp: 4172
Ion Ratio Lower Upper
43 100
74 19.2 20.5 30.7#



#20
Methylene Chloride
Concen: 6.318 ug/l
RT: 5.265 min Scan# 563
Delta R.T. -0.006 min
Lab File: VN086859.D
Acq: 03 Jun 2025 21:49

Tgt Ion: 84 Resp: 19077
Ion Ratio Lower Upper
84 100
49 115.6 88.8 133.2
51 40.1 27.8 41.6
86 62.1 49.8 74.6





#33

1,2-Dichloroethane-d4

Concen: 51.002 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VN086859.D

Acq: 03 Jun 2025 21:49

Instrument :

MSVOA_N

ClientSampleId :

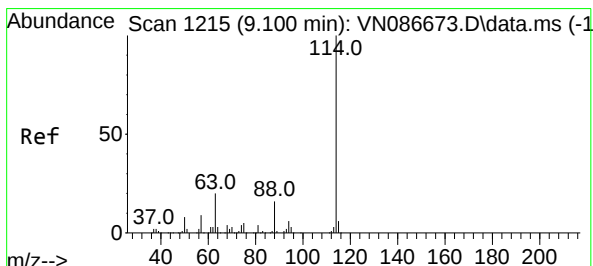
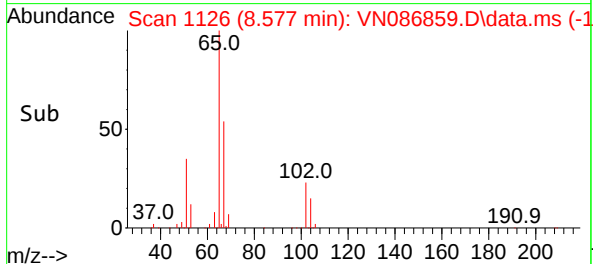
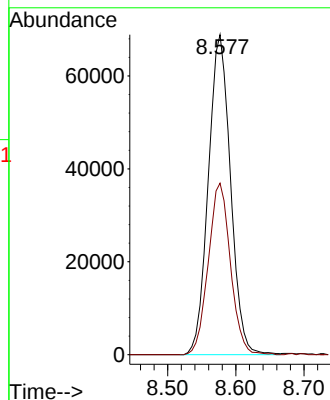
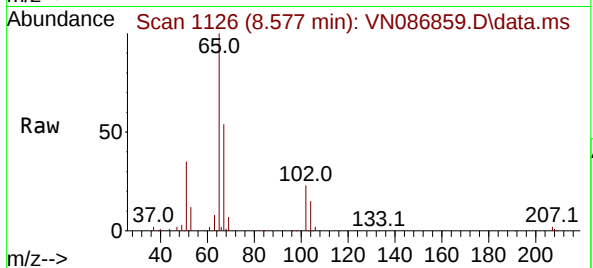
TP01-MHB-WC

Tgt Ion: 65 Resp: 156008

Ion Ratio Lower Upper

65 100

67 53.5 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: VN086859.D

Acq: 03 Jun 2025 21:49

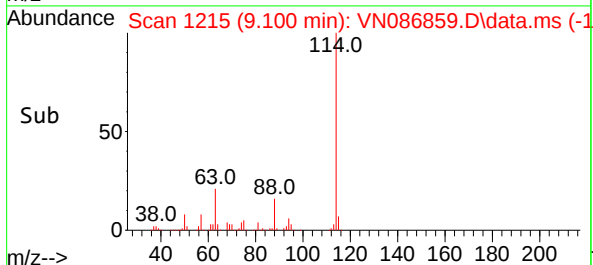
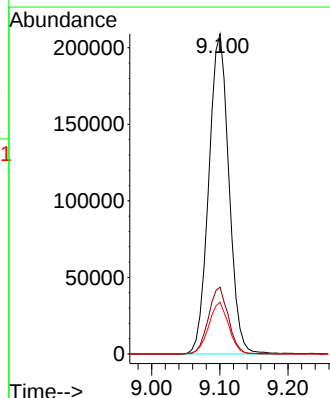
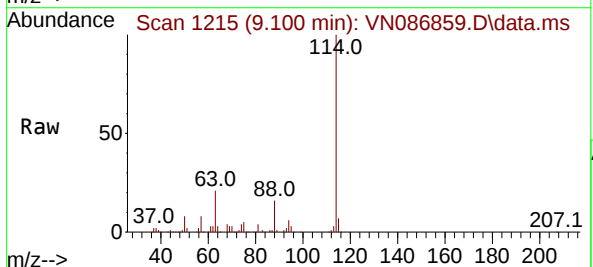
Tgt Ion: 114 Resp: 429762

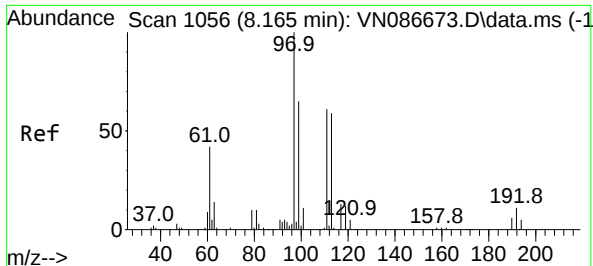
Ion Ratio Lower Upper

114 100

63 20.9 0.0 40.2

88 16.1 0.0 31.2

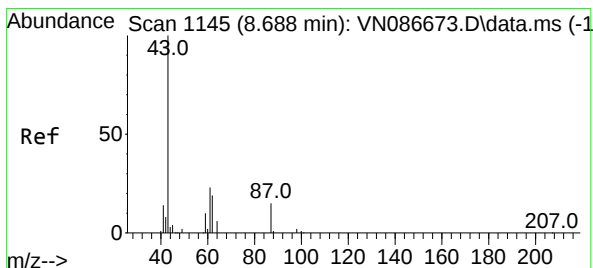
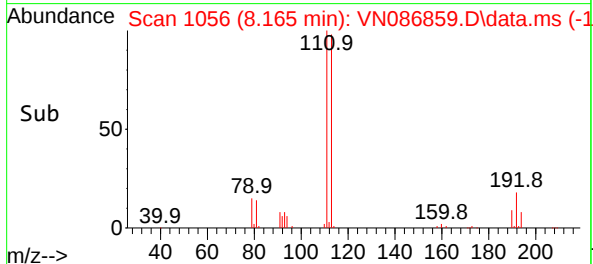
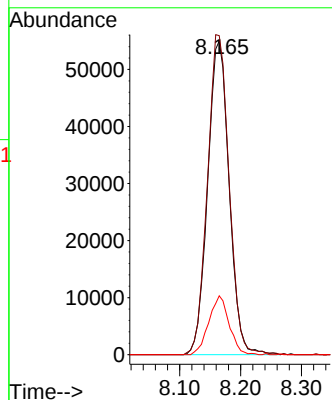
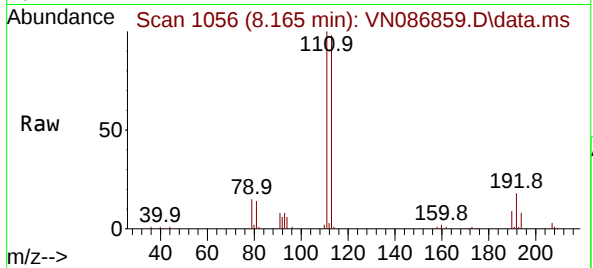




#35
Dibromofluoromethane
Concen: 52.607 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN086859.D
Acq: 03 Jun 2025 21:49

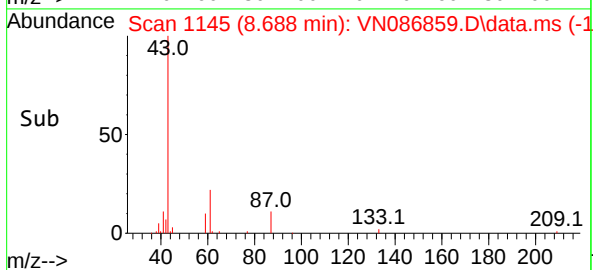
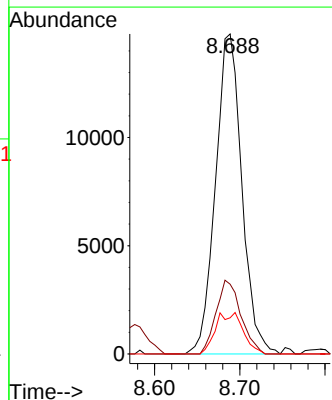
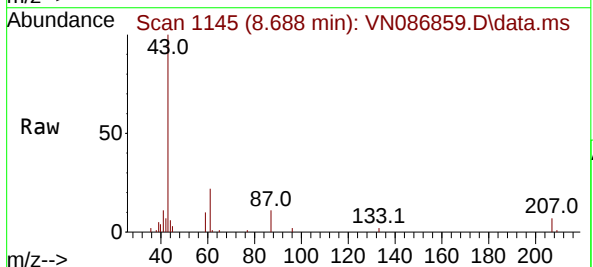
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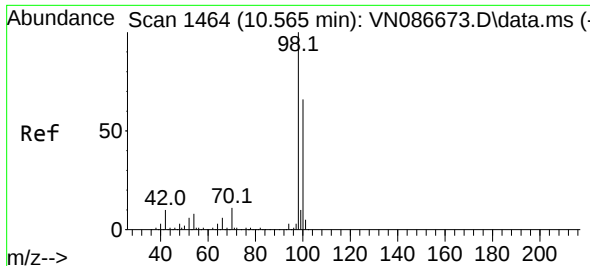
Tgt Ion:113 Resp: 134643
Ion Ratio Lower Upper
113 100
111 103.0 82.2 123.2
192 17.8 13.8 20.8



#43
Isopropyl Acetate
Concen: 4.151 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. 0.000 min
Lab File: VN086859.D
Acq: 03 Jun 2025 21:49

Tgt Ion: 43 Resp: 31732
Ion Ratio Lower Upper
43 100
61 21.7 21.4 32.2
87 13.4 11.1 16.7

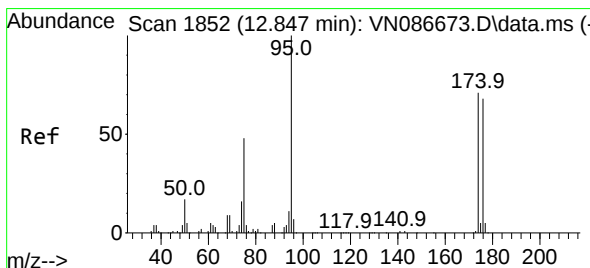
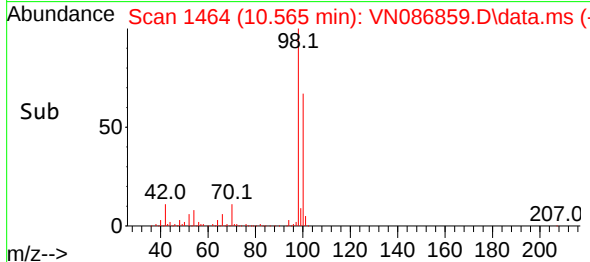
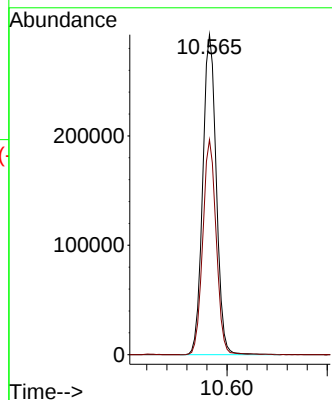
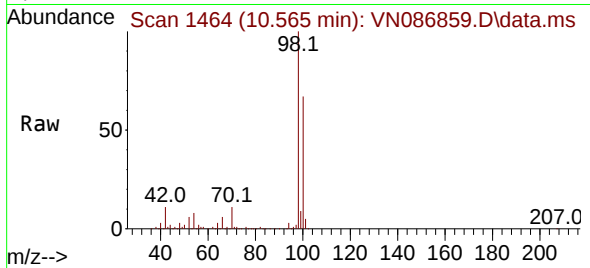




#50
Toluene-d8
Concen: 51.668 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VN086859.D
Acq: 03 Jun 2025 21:49

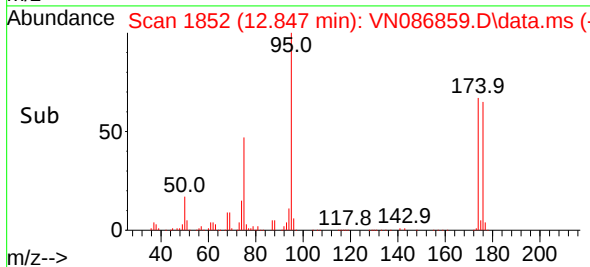
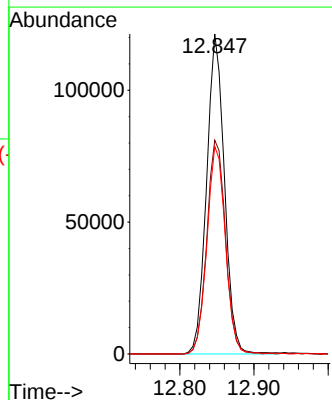
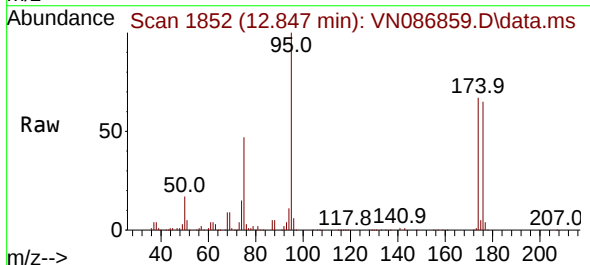
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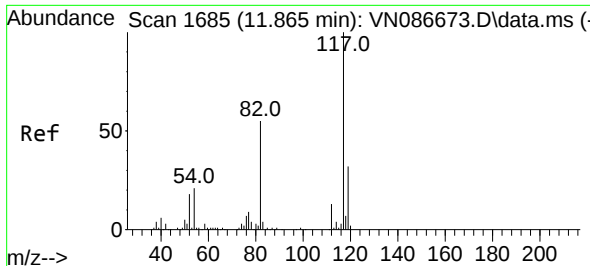
Tgt Ion: 98 Resp: 548008
Ion Ratio Lower Upper
98 100
100 66.5 52.9 79.3



#62
4-Bromofluorobenzene
Concen: 54.171 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN086859.D
Acq: 03 Jun 2025 21:49

Tgt Ion: 95 Resp: 202871
Ion Ratio Lower Upper
95 100
174 70.0 0.0 145.4
176 66.9 0.0 137.8

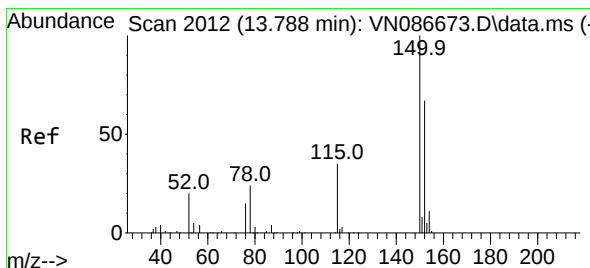
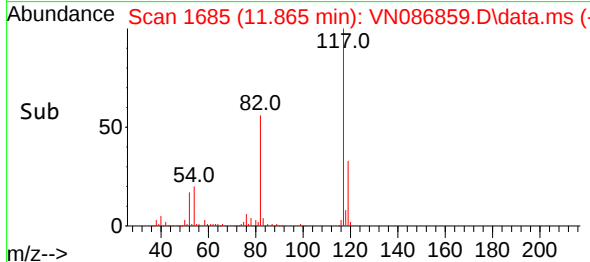
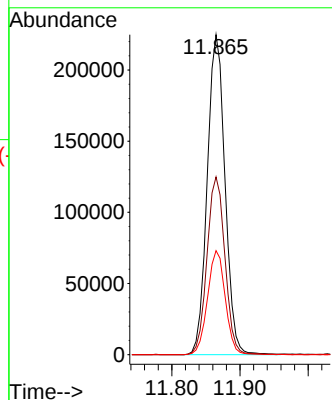
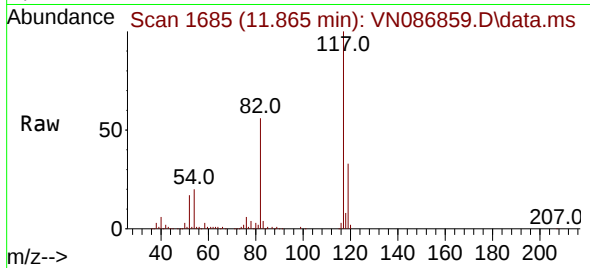




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN086859.D
Acq: 03 Jun 2025 21:49

Instrument :
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Tgt Ion:117 Resp: 408049
Ion Ratio Lower Upper
117 100
82 55.6 44.2 66.2
119 32.5 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. 0.000 min
Lab File: VN086859.D
Acq: 03 Jun 2025 21:49

Tgt Ion:152 Resp: 182763
Ion Ratio Lower Upper
152 100
115 60.7 30.0 90.1
150 159.4 0.0 347.8

