

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN060325\
 Data File : VN086855.D
 Acq On : 03 Jun 2025 20:12
 Operator : JC\MD
 Sample : Q2177-03
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 B-187-SB01

Quant Time: Jun 04 02:06:37 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)

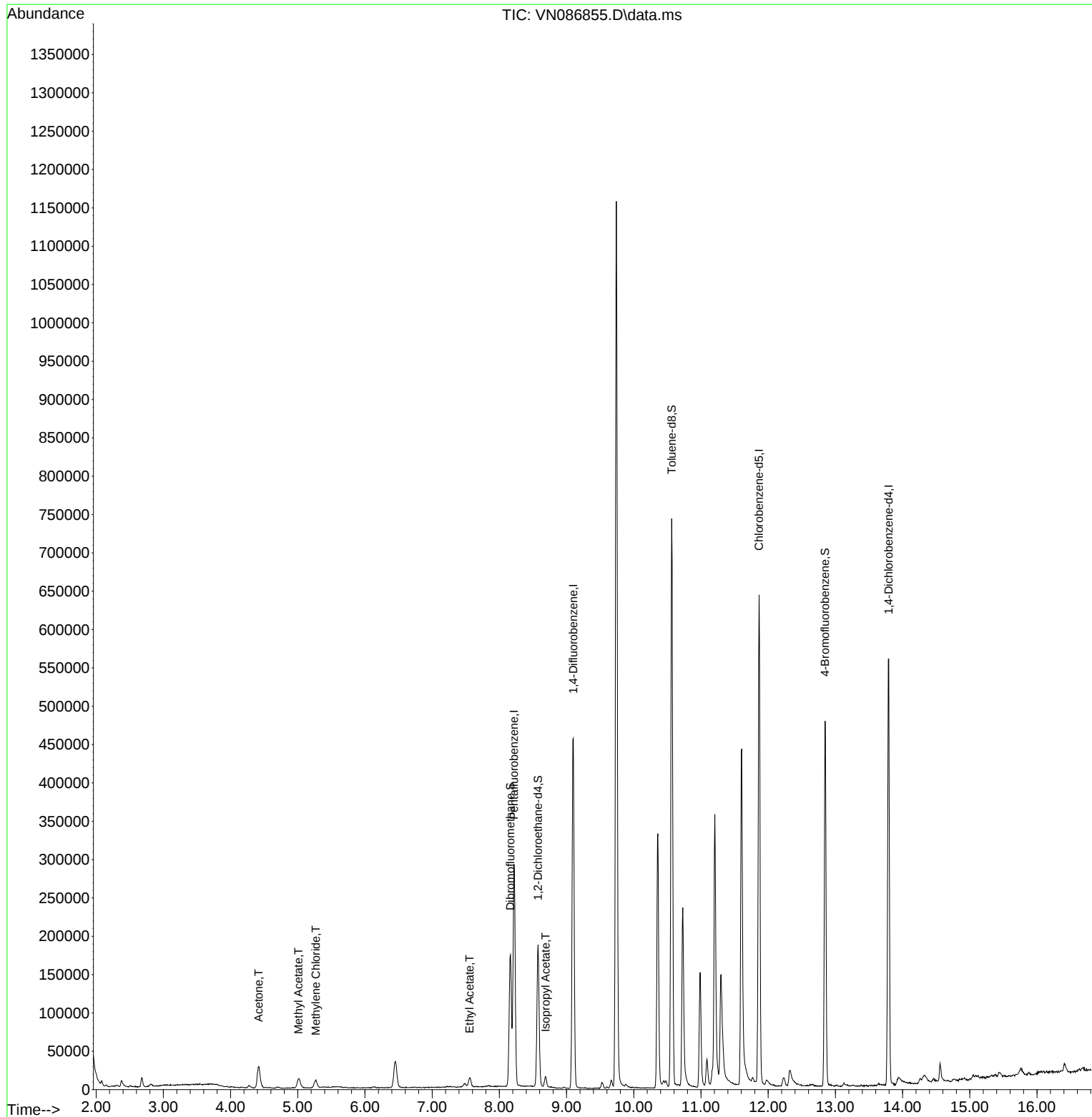
Internal Standards						
1) Pentafluorobenzene	8.218	168	220507	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	428516	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	389120	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	163382	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	152038	49.898	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 99.800%			
35) Dibromofluoromethane	8.165	113	134789	52.817	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 105.640%			
50) Toluene-d8	10.565	98	539671	51.030	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 102.060%			
62) 4-Bromofluorobenzene	12.847	95	190230	50.943	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 101.880%			
Target Compounds						Qvalue
16) Acetone	4.418	43	55936	49.076	ug/l	98
18) Methyl Acetate	5.012	43	28263	8.860	ug/l	99
20) Methylene Chloride	5.271	84	8493	2.824	ug/l	95
37) Ethyl Acetate	7.559	43	18707	4.920	ug/l	98
43) Isopropyl Acetate	8.688	43	15645	2.052	ug/l	94

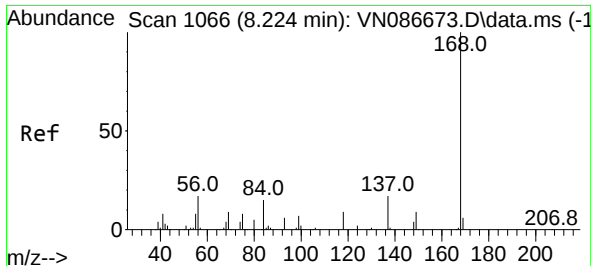
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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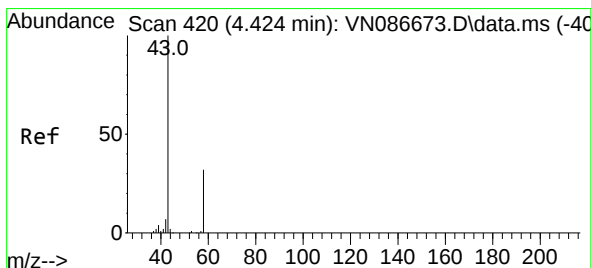
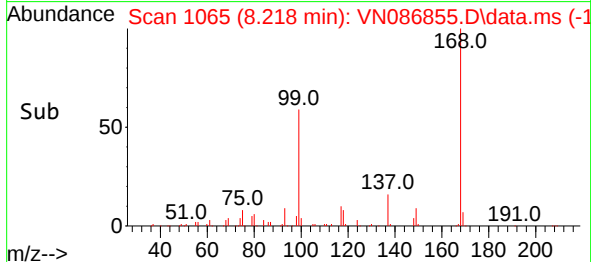
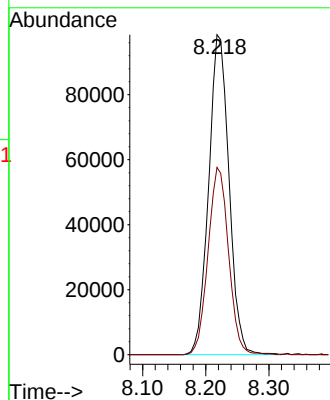
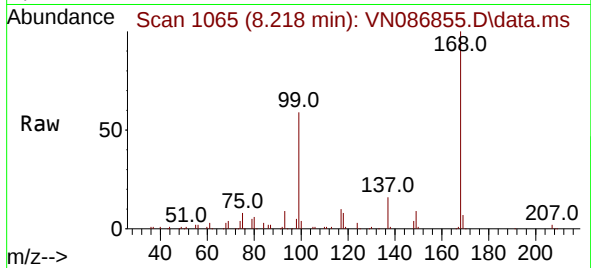




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.218 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN086855.D
Acq: 03 Jun 2025 20:12

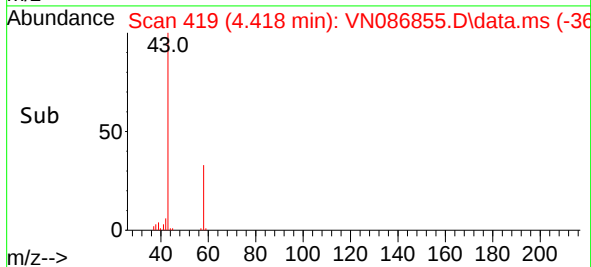
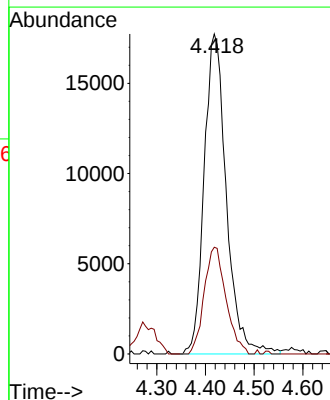
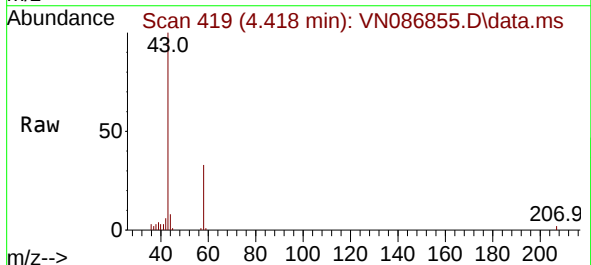
Instrument :
MSVOA_N
ClientSampleId :
B-187-SB01

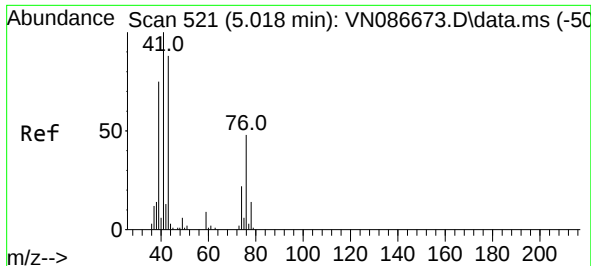
Tgt Ion:168 Resp: 220507
Ion Ratio Lower Upper
168 100
99 58.5 47.0 70.4



#16
Acetone
Concen: 49.076 ug/l
RT: 4.418 min Scan# 419
Delta R.T. -0.006 min
Lab File: VN086855.D
Acq: 03 Jun 2025 20:12

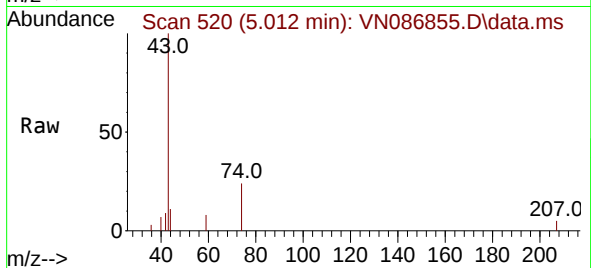
Tgt Ion: 43 Resp: 55936
Ion Ratio Lower Upper
43 100
58 33.4 25.8 38.6



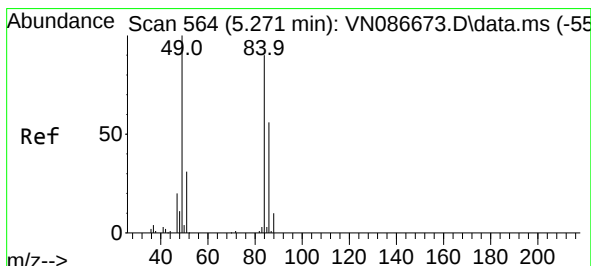
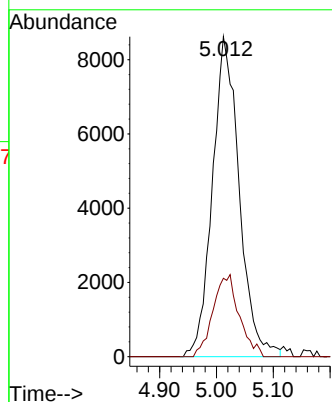
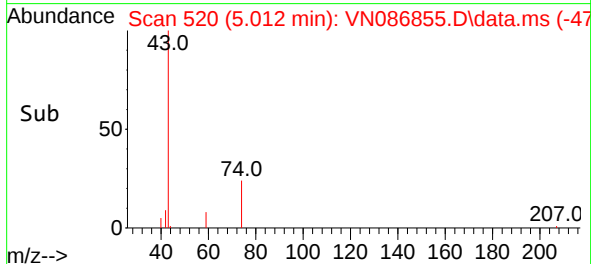


#18
Methyl Acetate
Concen: 8.860 ug/l
RT: 5.012 min Scan# 51
Delta R.T. -0.006 min
Lab File: VN086855.D
Acq: 03 Jun 2025 20:12

Instrument :
MSVOA_N
ClientSampleId :
B-187-SB01

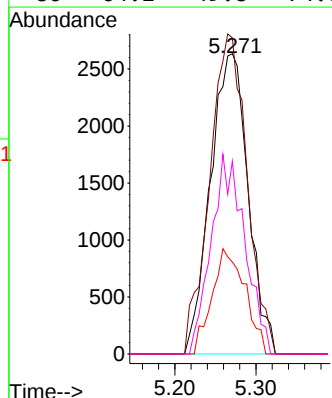
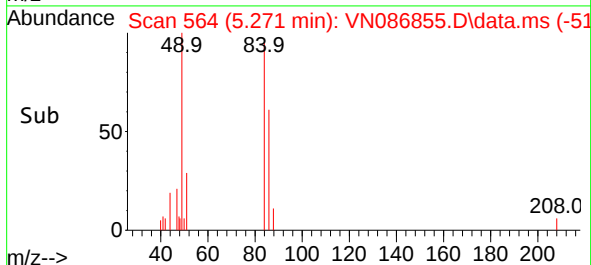
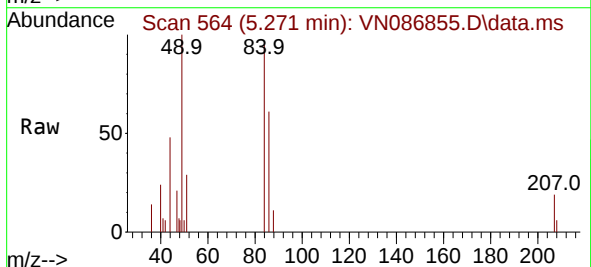


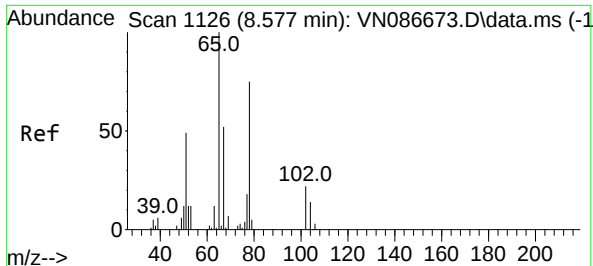
Tgt Ion: 43 Resp: 28263
Ion Ratio Lower Upper
43 100
74 25.0 20.5 30.7



#20
Methylene Chloride
Concen: 2.824 ug/l
RT: 5.271 min Scan# 564
Delta R.T. -0.000 min
Lab File: VN086855.D
Acq: 03 Jun 2025 20:12

Tgt Ion: 84 Resp: 8493
Ion Ratio Lower Upper
84 100
49 105.2 88.8 133.2
51 30.6 27.8 41.6
86 64.2 49.8 74.6





#33

1,2-Dichloroethane-d4

Concen: 49.898 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VN086855.D

Acq: 03 Jun 2025 20:12

Instrument :

MSVOA_N

ClientSampleId :

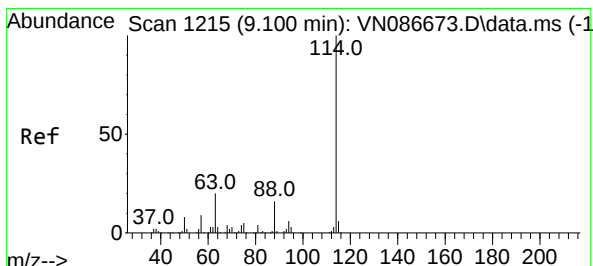
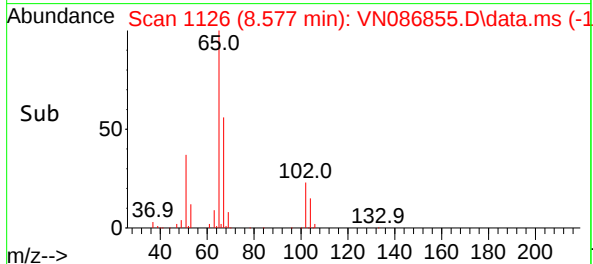
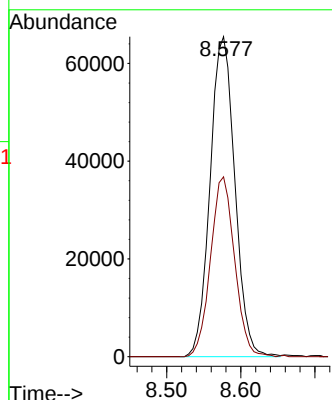
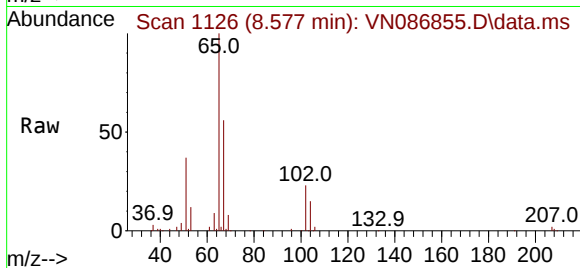
B-187-SB01

Tgt Ion: 65 Resp: 152038

Ion Ratio Lower Upper

65 100

67 54.6 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: VN086855.D

Acq: 03 Jun 2025 20:12

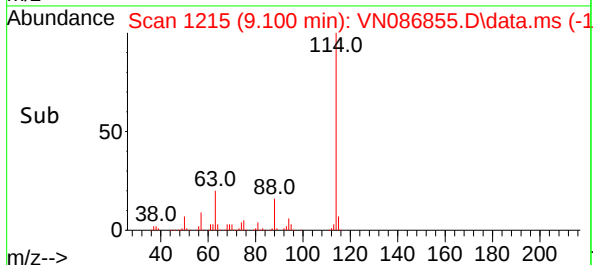
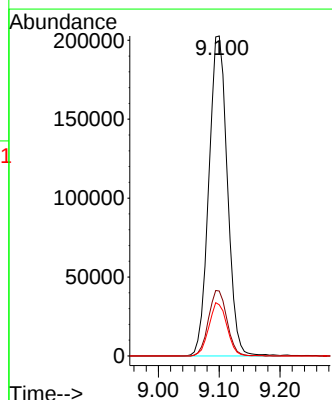
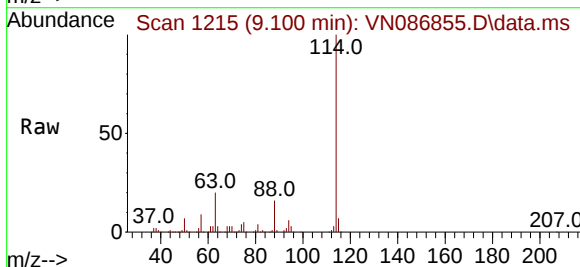
Tgt Ion: 114 Resp: 428516

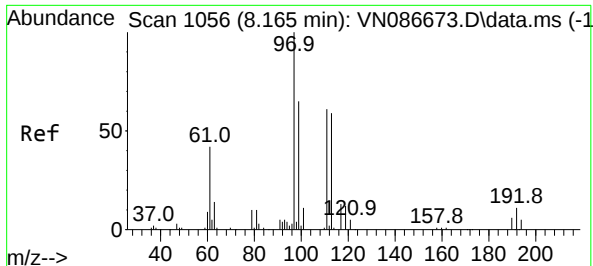
Ion Ratio Lower Upper

114 100

63 20.3 0.0 40.2

88 16.0 0.0 31.2

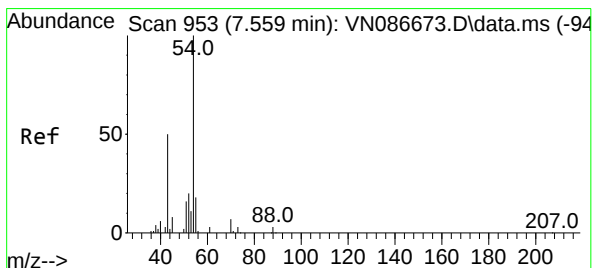
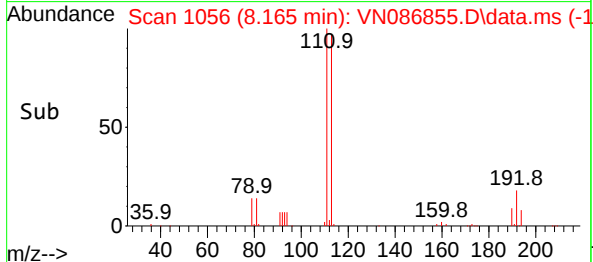
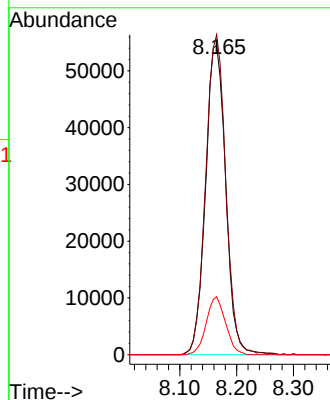
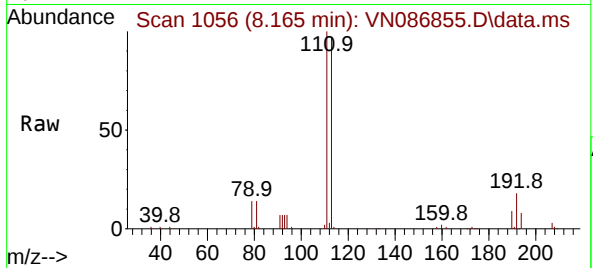




#35
Dibromofluoromethane
Concen: 52.817 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN086855.D
Acq: 03 Jun 2025 20:12

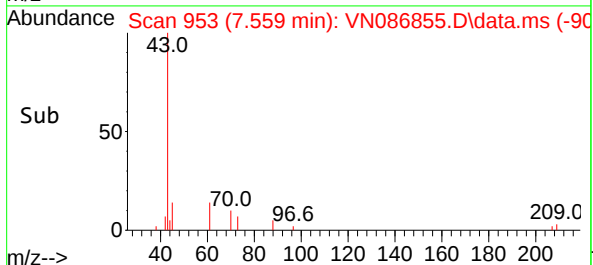
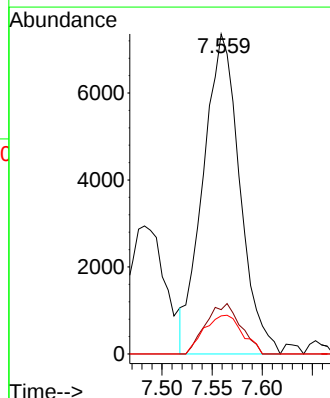
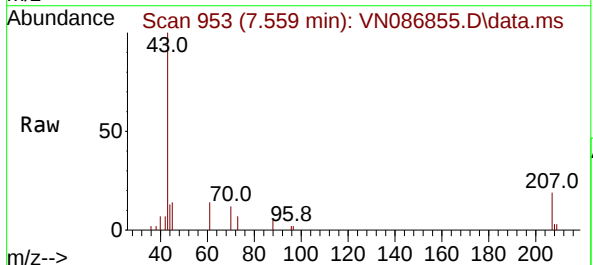
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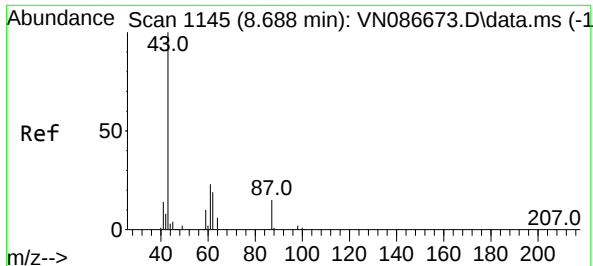
Tgt Ion:113 Resp: 134789
Ion Ratio Lower Upper
113 100
111 102.4 82.2 123.2
192 17.8 13.8 20.8



#37
Ethyl Acetate
Concen: 4.920 ug/l
RT: 7.559 min Scan# 953
Delta R.T. -0.000 min
Lab File: VN086855.D
Acq: 03 Jun 2025 20:12

Tgt Ion: 43 Resp: 18707
Ion Ratio Lower Upper
43 100
61 15.0 11.6 17.4
70 12.6 9.4 14.0

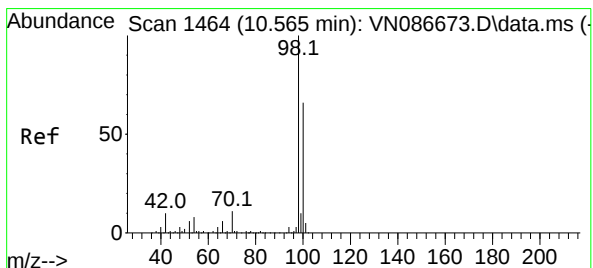
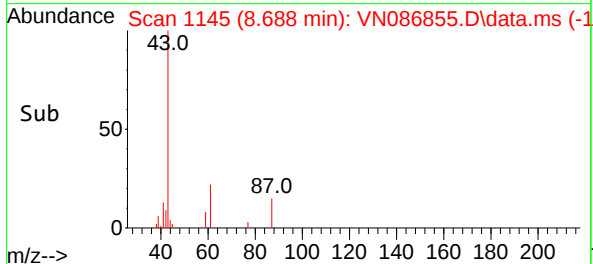
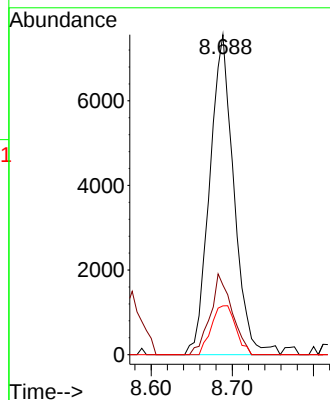
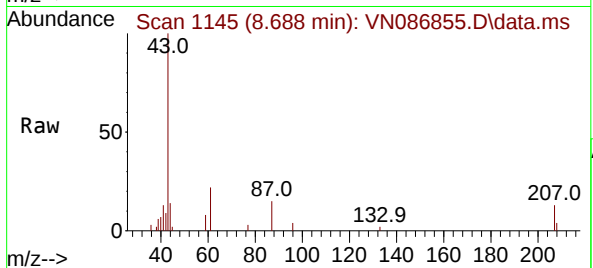




#43
Isopropyl Acetate
Concen: 2.052 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. -0.000 min
Lab File: VN086855.D
Acq: 03 Jun 2025 20:12

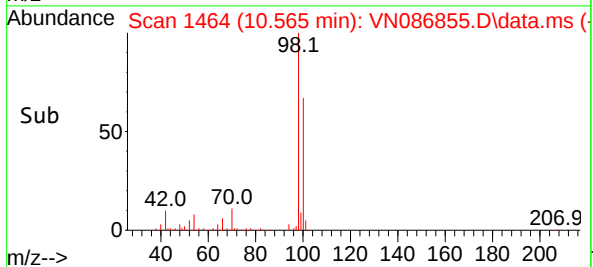
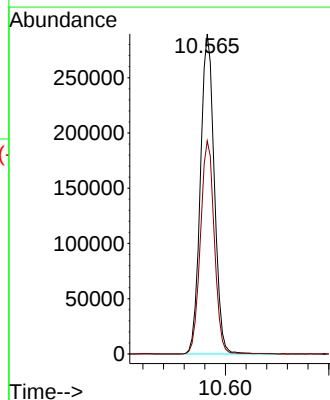
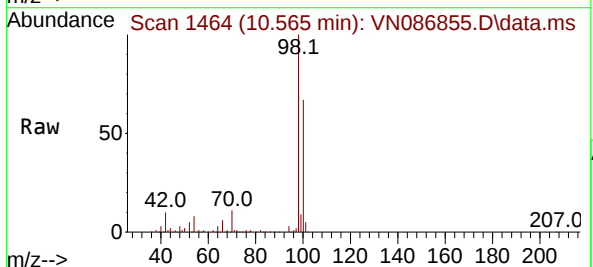
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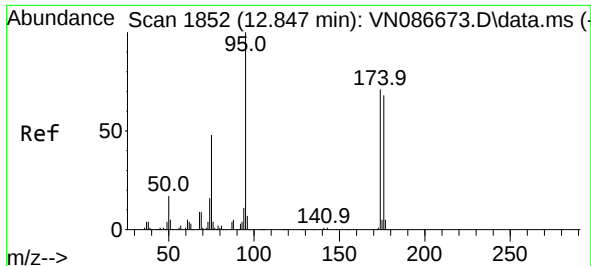
Tgt Ion: 43	Resp: 15645
Ion Ratio	Lower Upper
43 100	
61 22.8	21.4 32.2
87 15.4	11.1 16.7



#50
Toluene-d8
Concen: 51.030 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN086855.D
Acq: 03 Jun 2025 20:12

Tgt Ion: 98	Resp: 539671
Ion Ratio	Lower Upper
98 100	
100 66.5	52.9 79.3

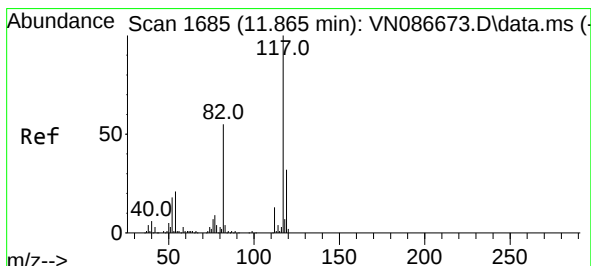
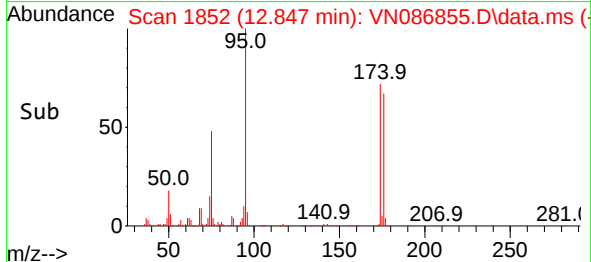
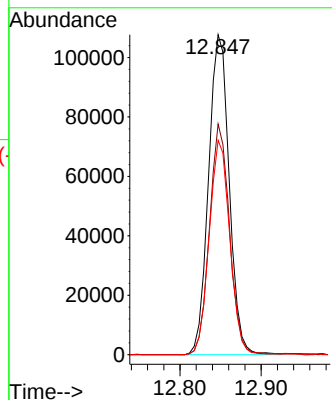
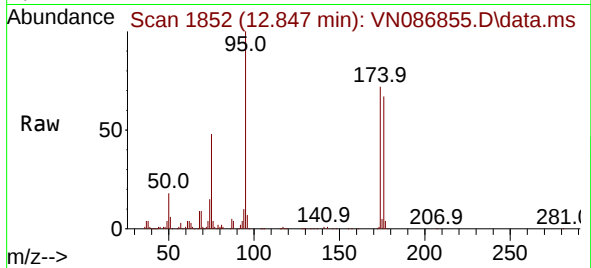




#62
4-Bromofluorobenzene
Concen: 50.943 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN086855.D
Acq: 03 Jun 2025 20:12

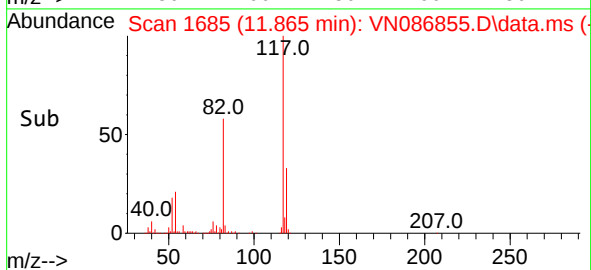
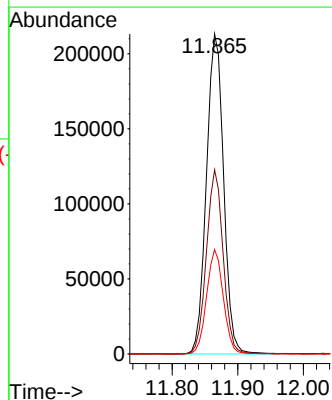
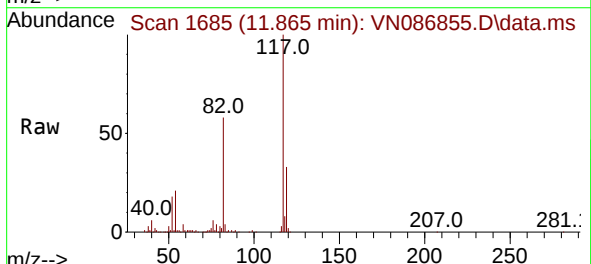
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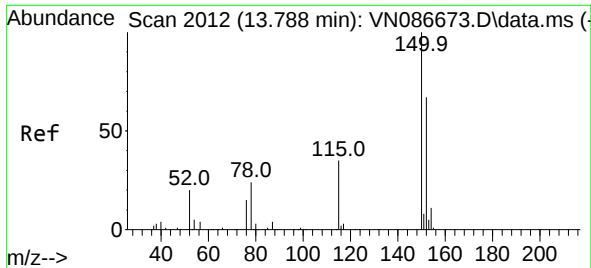
Tgt Ion: 95 Resp: 190230
Ion Ratio Lower Upper
95 100
174 70.0 0.0 145.4
176 66.8 0.0 137.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN086855.D
Acq: 03 Jun 2025 20:12

Tgt Ion: 117 Resp: 389120
Ion Ratio Lower Upper
117 100
82 57.5 44.2 66.2
119 32.6 25.4 38.2





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 20

Delta R.T. 0.006 min

Lab File: VN086855.D

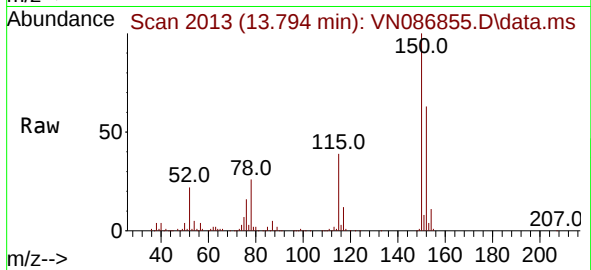
Acq: 03 Jun 2025 20:12

Instrument :

MSVOA_N

ClientSampleId :

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Tgt Ion:152 Resp: 163382

Ion Ratio Lower Upper

152 100

115 61.6 30.0 90.1

150 158.5 0.0 347.8

