

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062625\
 Data File : VN087189.D
 Acq On : 26 Jun 2025 13:05
 Operator : JC\MD
 Sample : Q2389-04
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MH-J-I

Quant Time: Jun 27 01:24:40 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)

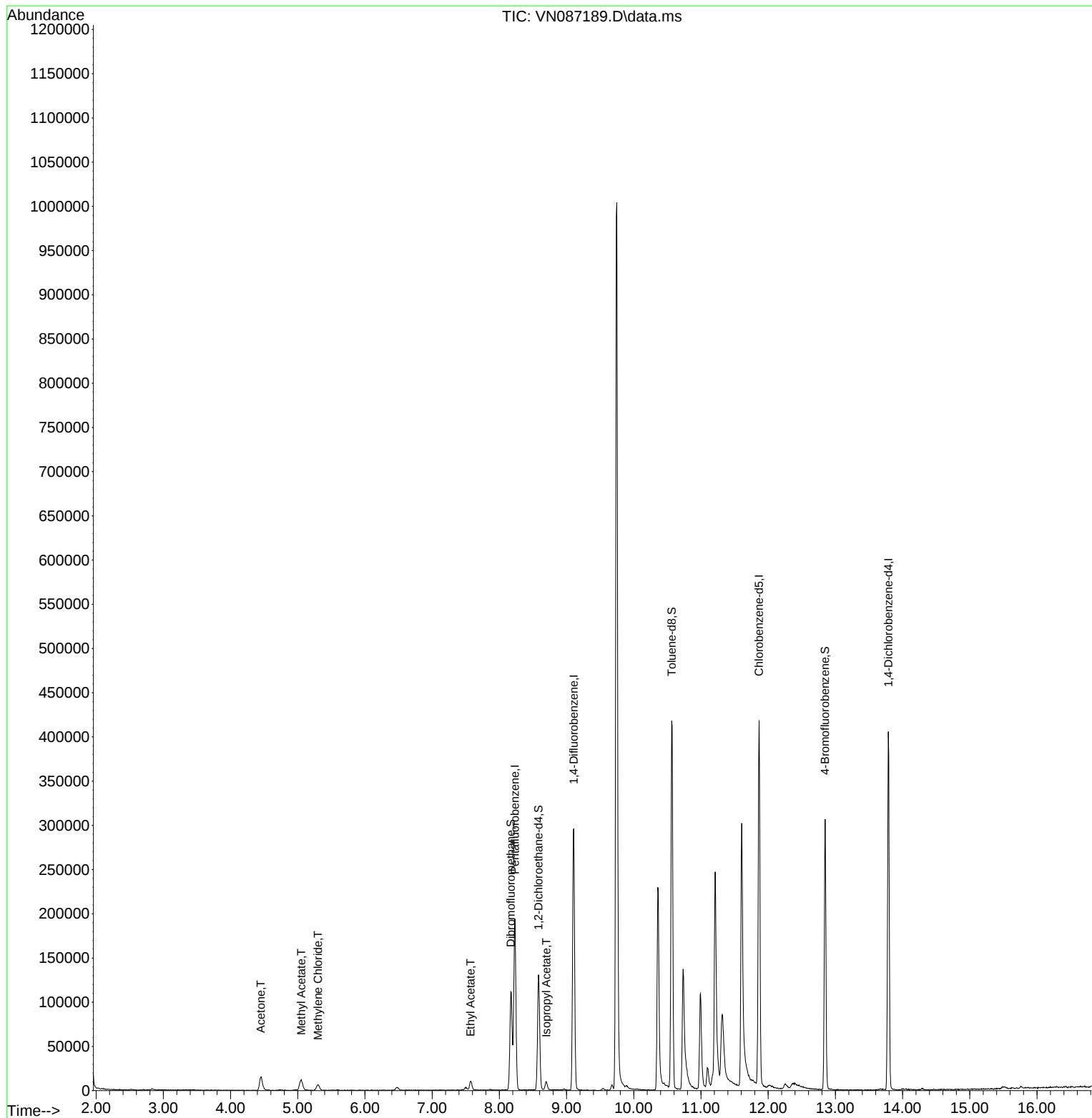
Internal Standards						
1) Pentafluorobenzene	8.229	168	147451	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	264397	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	246322	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	114926	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	106912	54.154	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 108.300%	
35) Dibromofluoromethane	8.171	113	86053	54.920	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 109.840%	
50) Toluene-d8	10.565	98	298690	48.154	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 96.300%	
62) 4-Bromofluorobenzene	12.847	95	114464	49.669	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 99.340%	
Target Compounds						
					Qvalue	
16) Acetone	4.447	43	31694	30.273	ug/l	89
18) Methyl Acetate	5.053	43	26427	8.662	ug/l	95
20) Methylene Chloride	5.300	84	5550	2.832	ug/l	89
37) Ethyl Acetate	7.571	43	17046	5.735	ug/l	96
43) Isopropyl Acetate	8.700	43	11293	2.367	ug/l #	88

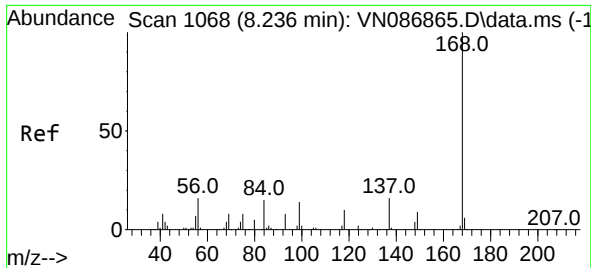
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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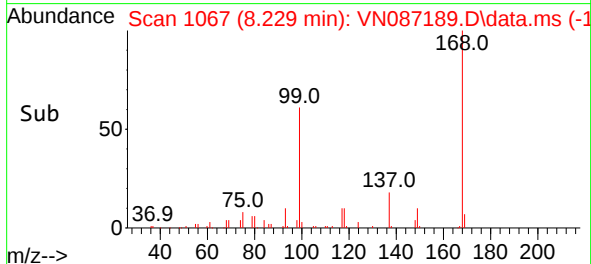
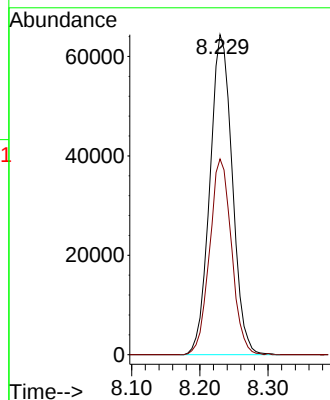
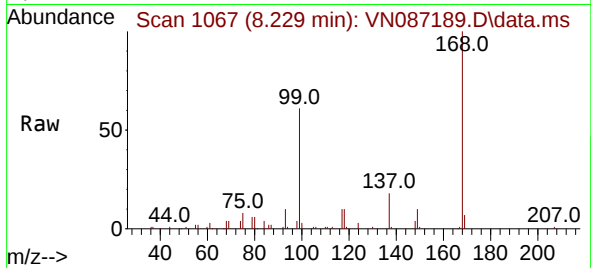




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.229 min Scan# 1067
Delta R.T. -0.007 min
Lab File: VN087189.D
Acq: 26 Jun 2025 13:05

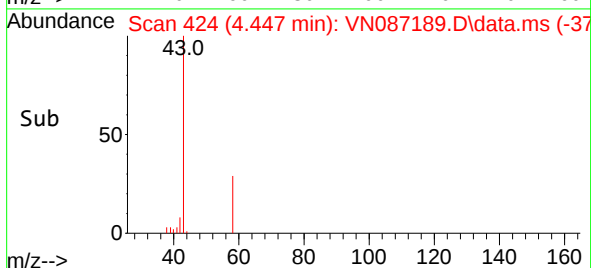
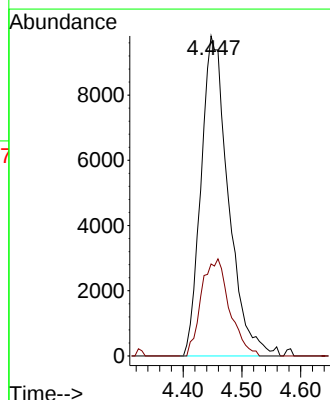
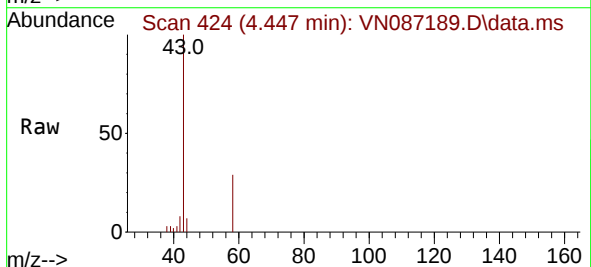
Instrument :
MSVOA_N
ClientSampleId :
MH-J-I

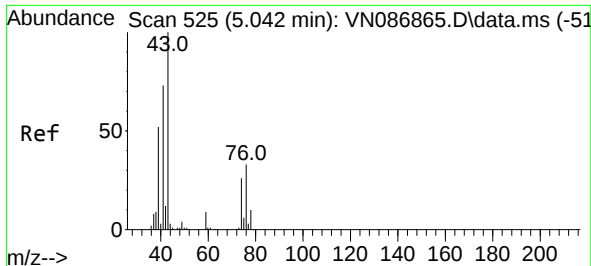
Tgt Ion:168 Resp: 147451
Ion Ratio Lower Upper
168 100
99 61.2 49.1 73.7



#16
Acetone
Concen: 30.273 ug/l
RT: 4.447 min Scan# 424
Delta R.T. -0.000 min
Lab File: VN087189.D
Acq: 26 Jun 2025 13:05

Tgt Ion: 43 Resp: 31694
Ion Ratio Lower Upper
43 100
58 28.7 28.0 42.0

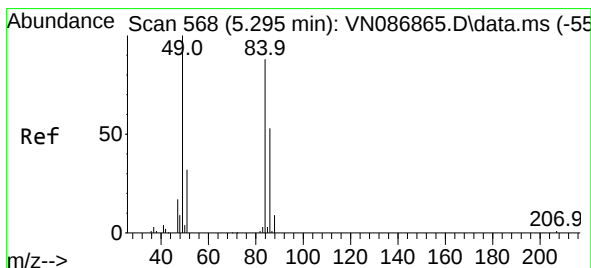
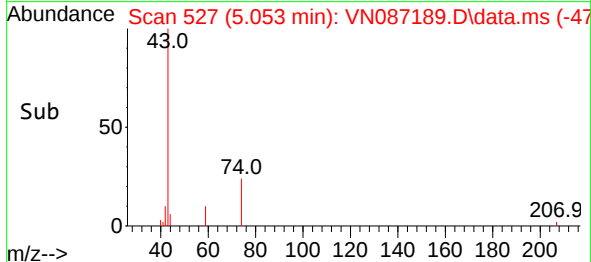
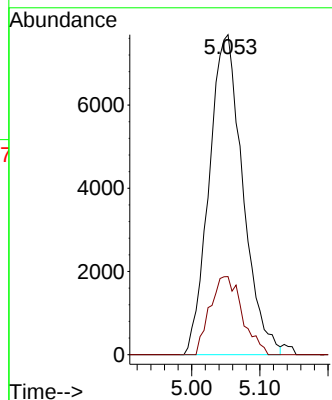
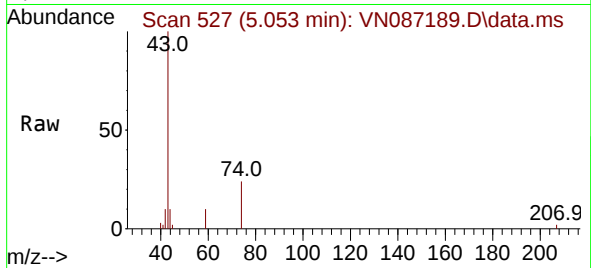




#18
Methyl Acetate
Concen: 8.662 ug/l
RT: 5.053 min Scan# 51
Delta R.T. 0.012 min
Lab File: VN087189.D
Acq: 26 Jun 2025 13:05

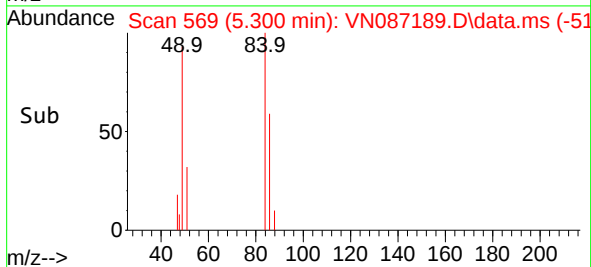
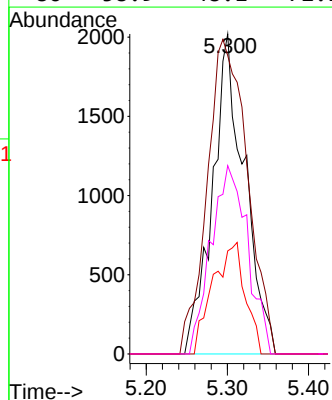
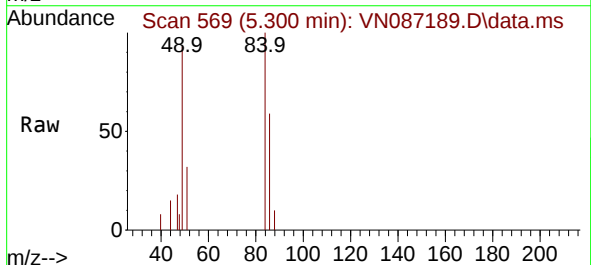
Instrument :
MSVOA_N
ClientSampleId :
MH-J-I

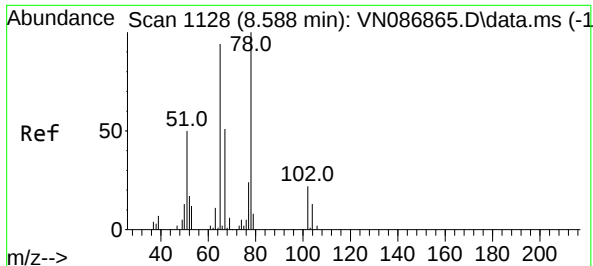
Tgt Ion: 43 Resp: 26427
Ion Ratio Lower Upper
43 100
74 23.3 20.7 31.1



#20
Methylene Chloride
Concen: 2.832 ug/l
RT: 5.300 min Scan# 569
Delta R.T. 0.006 min
Lab File: VN087189.D
Acq: 26 Jun 2025 13:05

Tgt Ion: 84 Resp: 5550
Ion Ratio Lower Upper
84 100
49 93.3 90.5 135.7
51 32.2 28.5 42.7
86 58.9 48.1 72.1





#33

1,2-Dichloroethane-d4

Concen: 54.154 ug/l

RT: 8.582 min Scan# 1128

Delta R.T. -0.006 min

Lab File: VN087189.D

Acq: 26 Jun 2025 13:05

Instrument :

MSVOA_N

ClientSampleId :

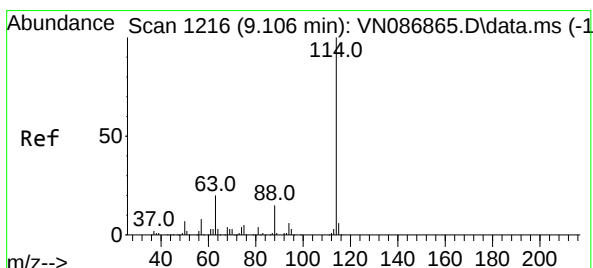
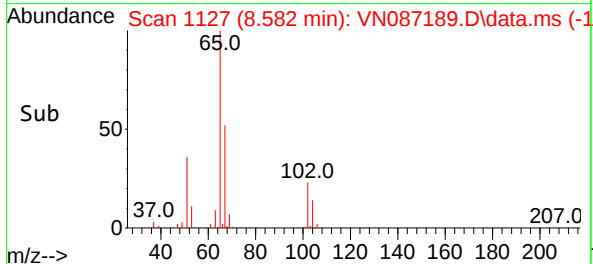
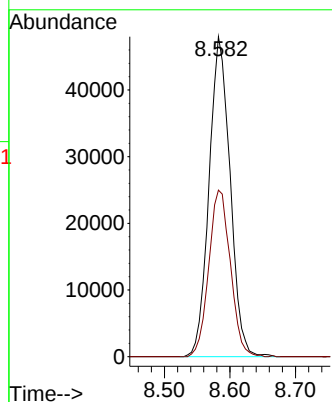
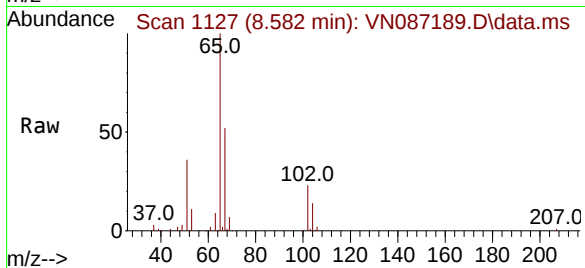
MH-J-I

Tgt Ion: 65 Resp: 106912

Ion Ratio Lower Upper

65 100

67 53.4 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: VN087189.D

Acq: 26 Jun 2025 13:05

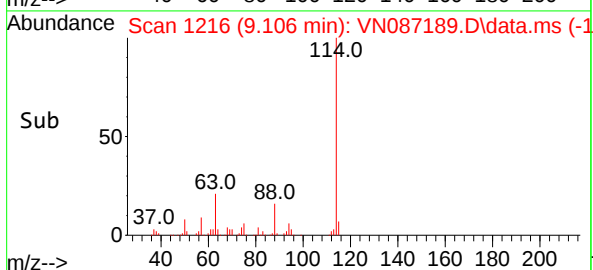
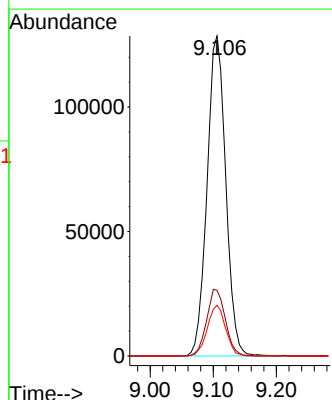
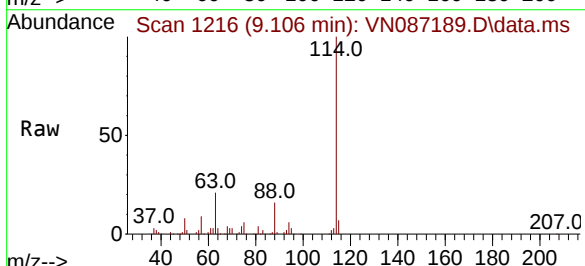
Tgt Ion: 114 Resp: 264397

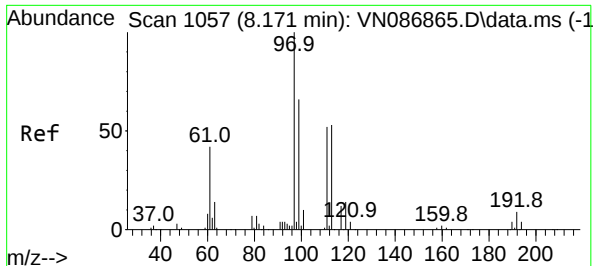
Ion Ratio Lower Upper

114 100

63 20.6 0.0 39.6

88 15.9 0.0 30.2





#35

Dibromofluoromethane

Concen: 54.920 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VN087189.D

Acq: 26 Jun 2025 13:05

Instrument :

MSVOA_N

ClientSampleId :

MH-J-I

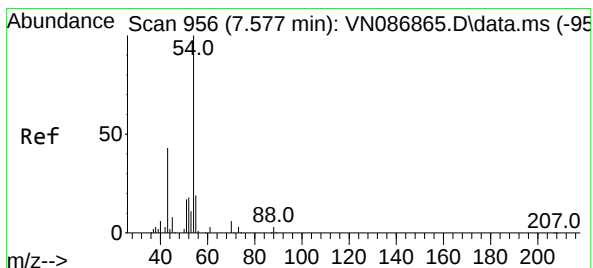
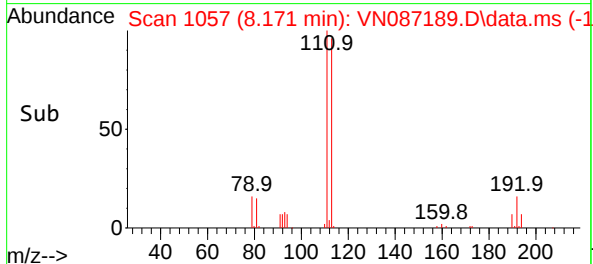
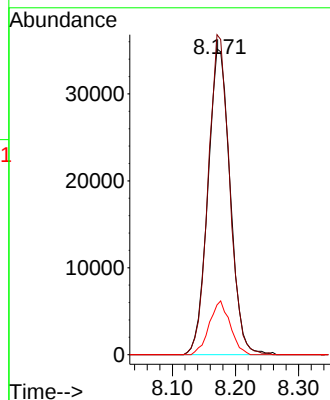
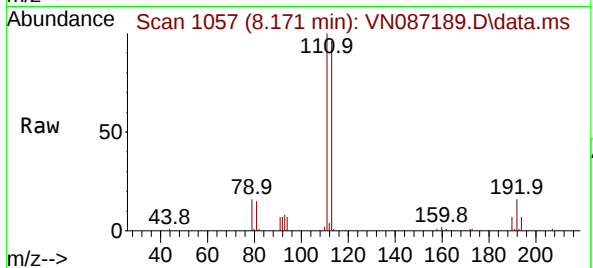
Tgt Ion:113 Resp: 86053

Ion Ratio Lower Upper

113 100

111 100.6 84.2 126.2

192 16.5 14.2 21.4



#37

Ethyl Acetate

Concen: 5.735 ug/l

RT: 7.571 min Scan# 955

Delta R.T. -0.006 min

Lab File: VN087189.D

Acq: 26 Jun 2025 13:05

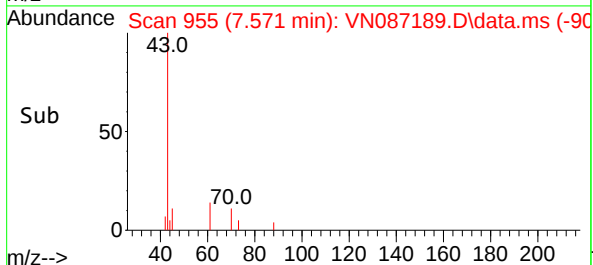
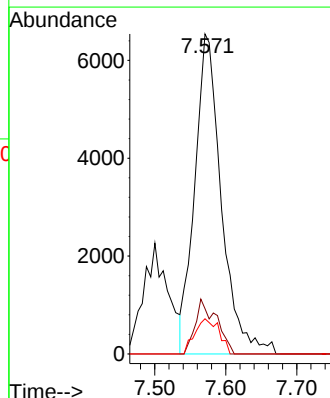
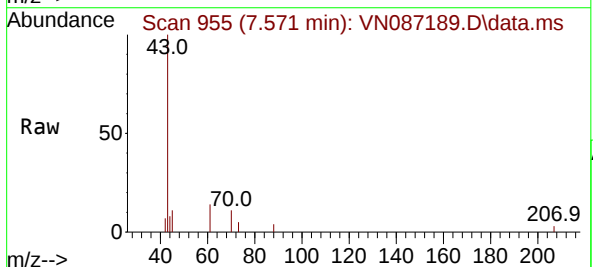
Tgt Ion: 43 Resp: 17046

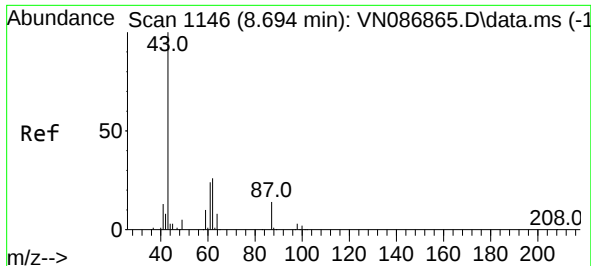
Ion Ratio Lower Upper

43 100

61 13.8 12.1 18.1

70 10.0 9.8 14.6

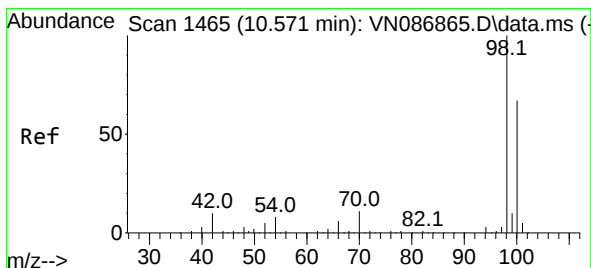
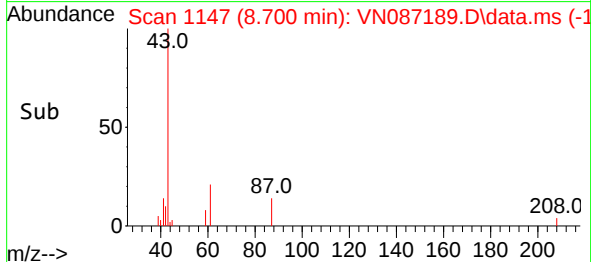
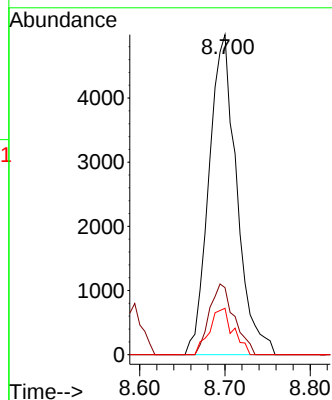
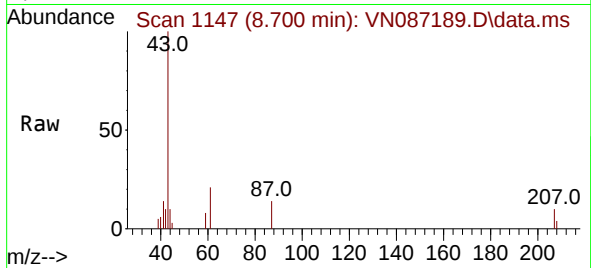




#43
Isopropyl Acetate
Concen: 2.367 ug/l
RT: 8.700 min Scan# 1146
Delta R.T. 0.006 min
Lab File: VN087189.D
Acq: 26 Jun 2025 13:05

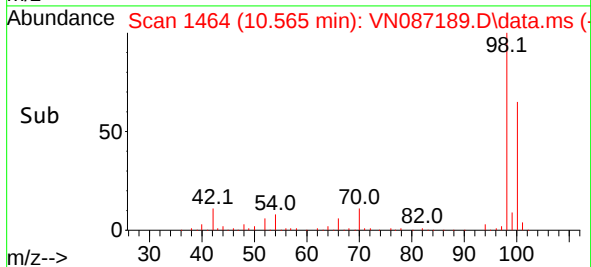
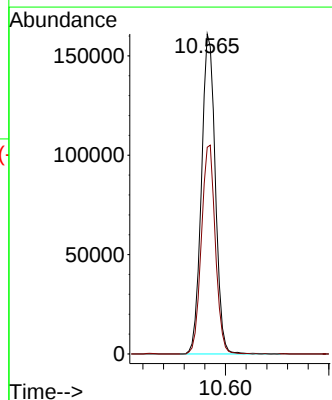
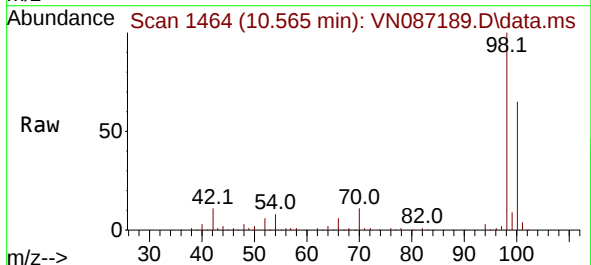
Instrument :
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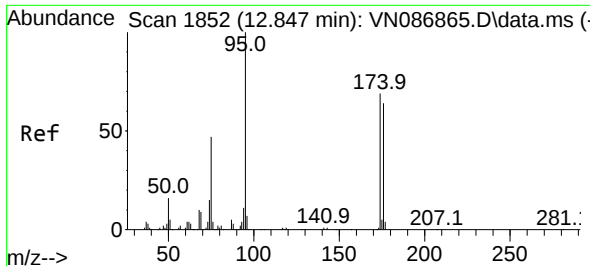
Tgt Ion: 43 Resp: 11293
Ion Ratio Lower Upper
43 100
61 19.8 22.1 33.1#
87 12.5 11.8 17.6



#50
Toluene-d8
Concen: 48.154 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.006 min
Lab File: VN087189.D
Acq: 26 Jun 2025 13:05

Tgt Ion: 98 Resp: 298690
Ion Ratio Lower Upper
98 100
100 65.9 53.4 80.0

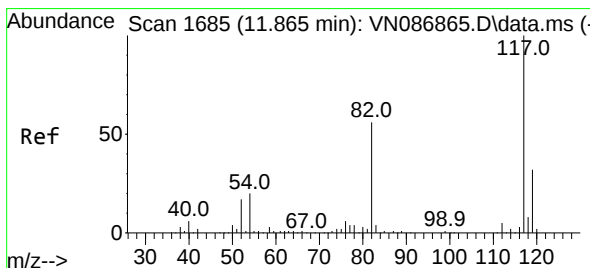
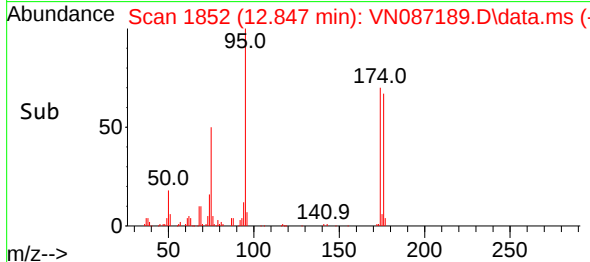
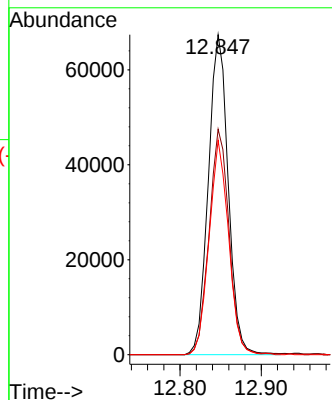
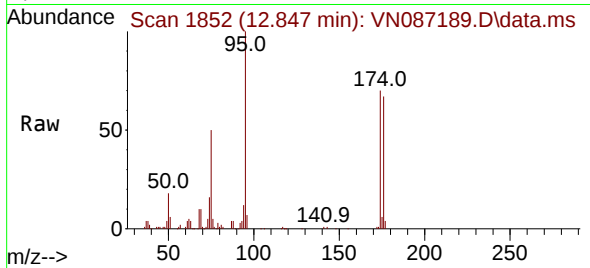




#62
4-Bromofluorobenzene
Concen: 49.669 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN087189.D
Acq: 26 Jun 2025 13:05

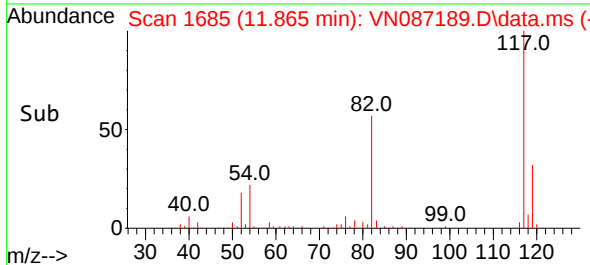
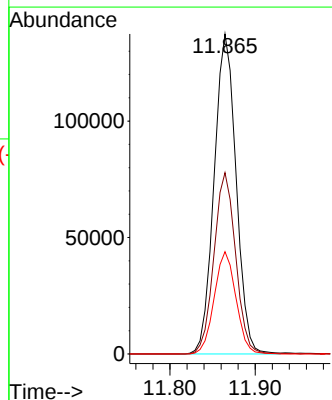
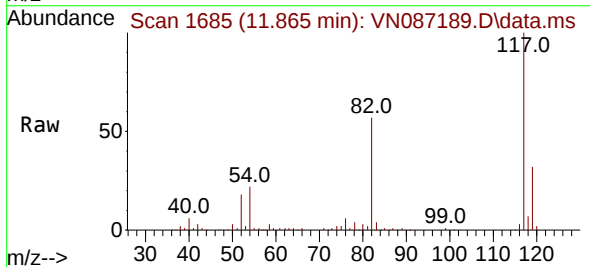
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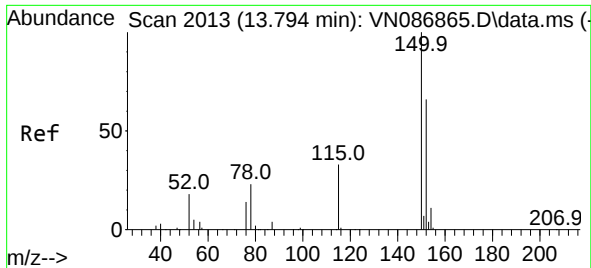
Tgt Ion: 95 Resp: 114464
Ion Ratio Lower Upper
95 100
174 71.2 0.0 141.8
176 65.8 0.0 132.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN087189.D
Acq: 26 Jun 2025 13:05

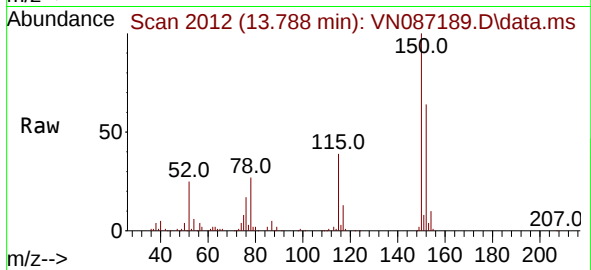
Tgt Ion: 117 Resp: 246322
Ion Ratio Lower Upper
117 100
82 56.7 44.6 67.0
119 32.0 25.5 38.3





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.788 min Scan# 20
 Delta R.T. -0.006 min
 Lab File: VN087189.D
 Acq: 26 Jun 2025 13:05

Instrument :
 MSVOA_N
 ClientSampleId :
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Tgt Ion:152 Resp: 114926
 Ion Ratio Lower Upper
 152 100
 115 61.1 30.1 90.5
 150 156.4 0.0 345.0

