

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062725\
 Data File : VN087218.D
 Acq On : 27 Jun 2025 13:51
 Operator : JC\MD
 Sample : Q2416-04
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MH-G/H

Quant Time: Jun 27 23:44:28 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N062625W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 27 05:55:21 2025
 Response via : Initial Calibration

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

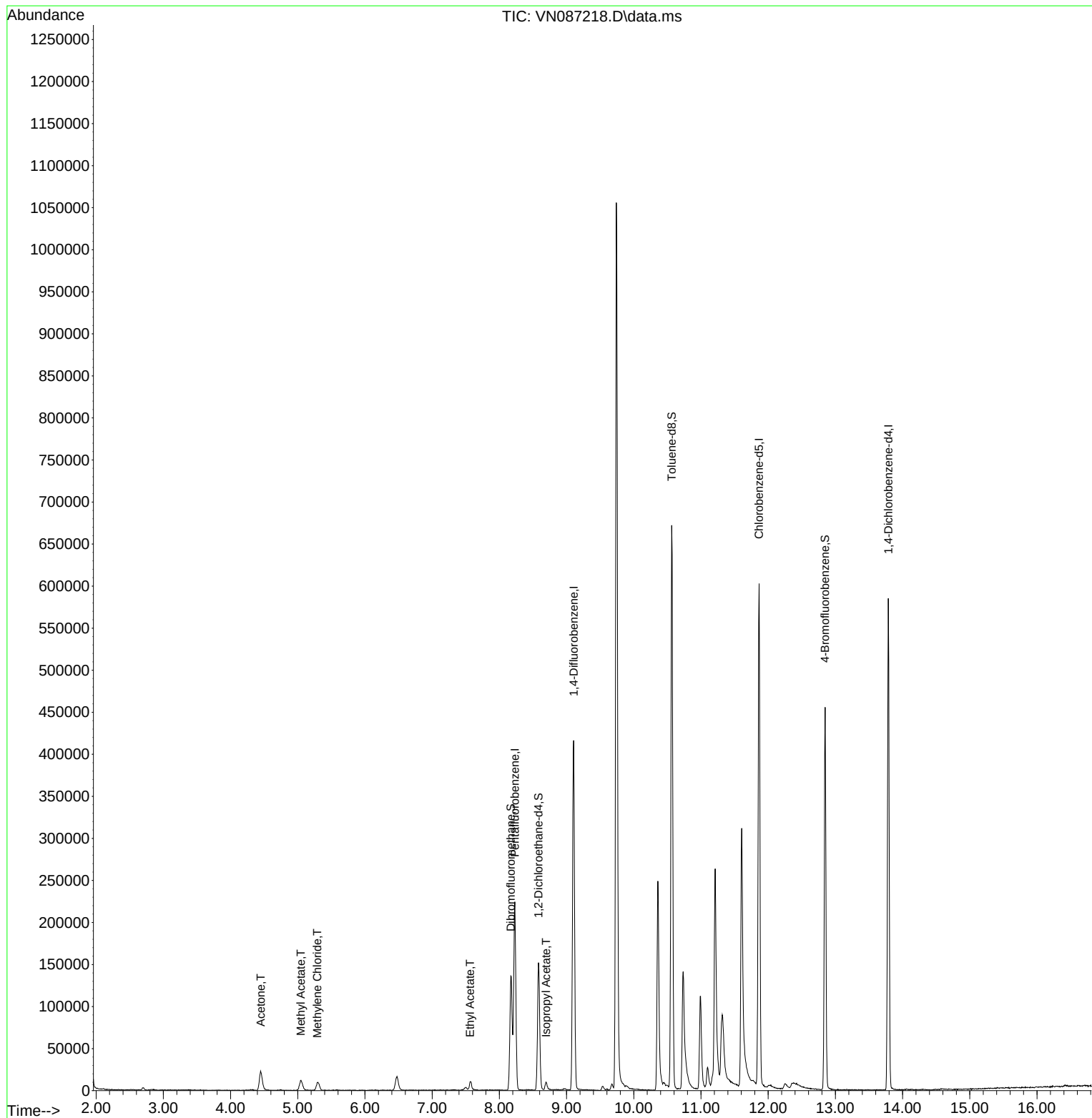
Internal Standards						
1) Pentafluorobenzene	8.230	168	167099	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	372339	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	359869	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	163687	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	126021	52.406	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	104.820%
35) Dibromofluoromethane	8.171	113	103318	42.920	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	85.840%
50) Toluene-d8	10.565	98	481095	48.322	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	96.640%
62) 4-Bromofluorobenzene	12.847	95	167961	48.619	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	97.240%
Target Compounds						
						Qvalue
16) Acetone	4.448	43	45831	27.724	ug/l	93
18) Methyl Acetate	5.047	43	26071	8.150	ug/l	99
20) Methylene Chloride	5.289	84	8448	2.179	ug/l	94
37) Ethyl Acetate	7.565	43	16643	1.434	ug/l	97
43) Isopropyl Acetate	8.694	43	11275	1.739	ug/l #	90

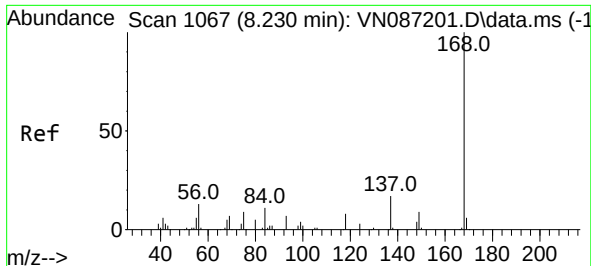
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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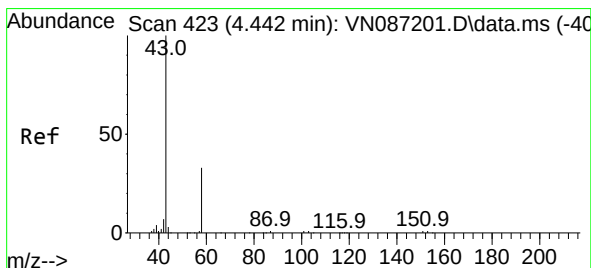
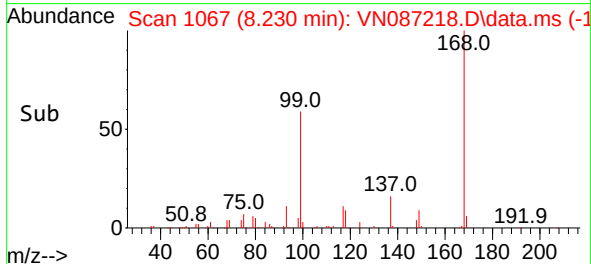
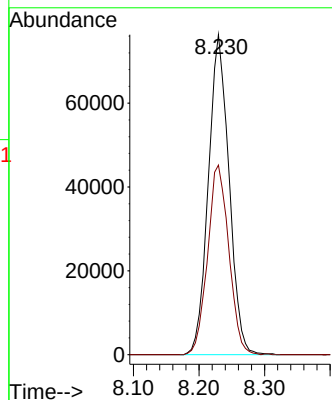
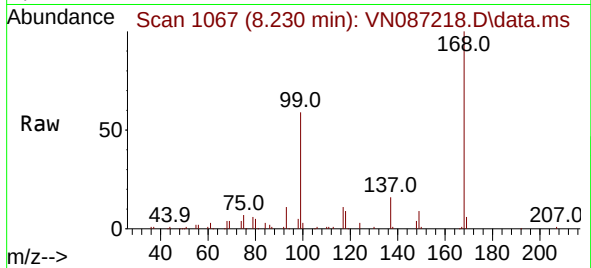




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.000 min
Lab File: VN087218.D
Acq: 27 Jun 2025 13:51

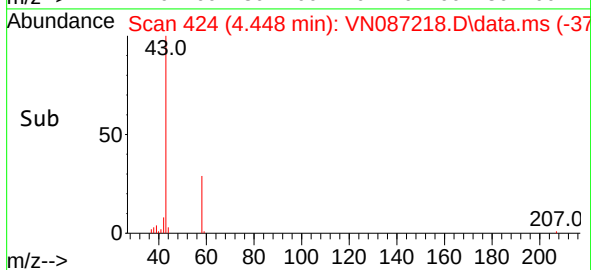
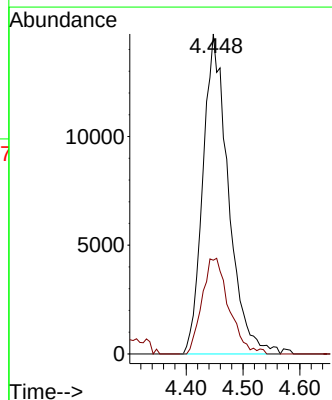
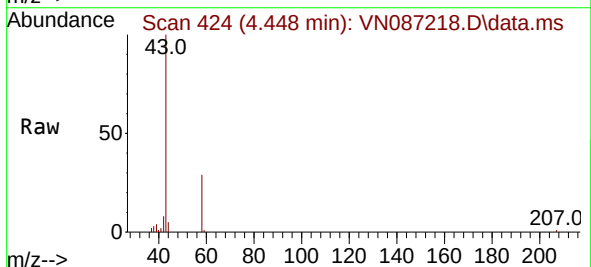
Instrument :
MSVOA_N
ClientSampleId :
MH-G/H

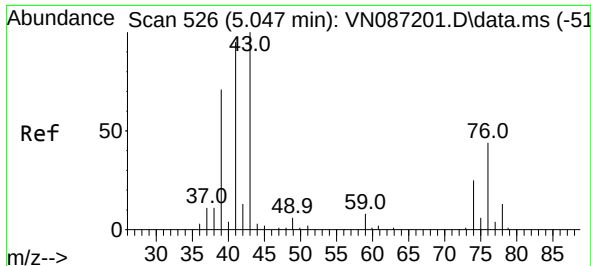
Tgt Ion:168 Resp: 167099
Ion Ratio Lower Upper
168 100
99 59.3 47.9 71.9



#16
Acetone
Concen: 27.724 ug/l
RT: 4.448 min Scan# 424
Delta R.T. 0.006 min
Lab File: VN087218.D
Acq: 27 Jun 2025 13:51

Tgt Ion: 43 Resp: 45831
Ion Ratio Lower Upper
43 100
58 29.3 26.5 39.7

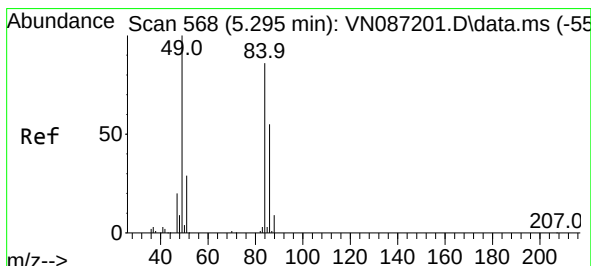
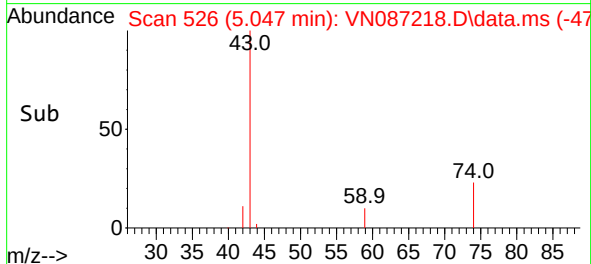
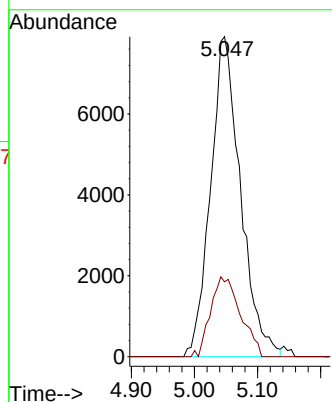
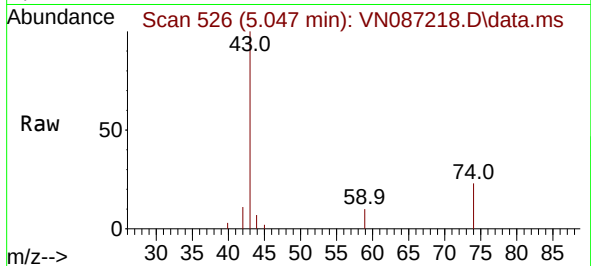




#18
Methyl Acetate
Concen: 8.150 ug/l
RT: 5.047 min Scan# 51
Delta R.T. 0.000 min
Lab File: VN087218.D
Acq: 27 Jun 2025 13:51

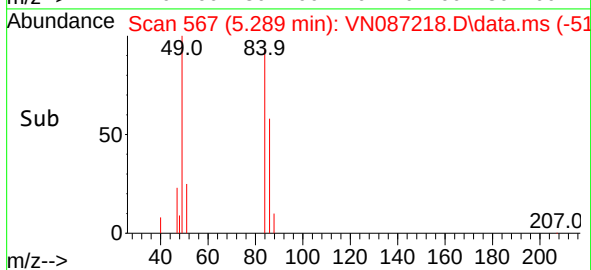
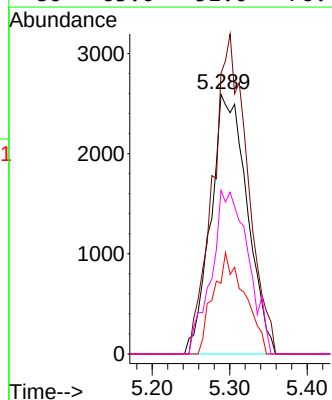
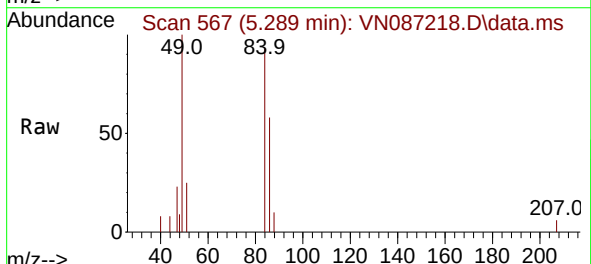
Instrument :
MSVOA_N
ClientSampleId :
MH-G/H

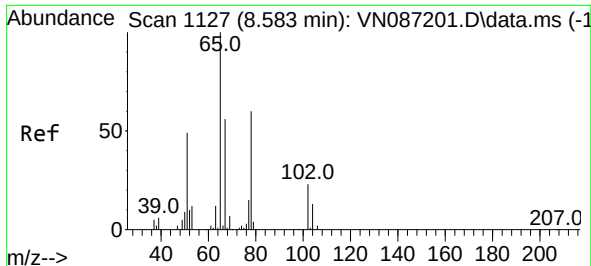
Tgt Ion: 43 Resp: 26071
Ion Ratio Lower Upper
43 100
74 24.9 19.4 29.2



#20
Methylene Chloride
Concen: 2.179 ug/l
RT: 5.289 min Scan# 567
Delta R.T. -0.006 min
Lab File: VN087218.D
Acq: 27 Jun 2025 13:51

Tgt Ion: 84 Resp: 8448
Ion Ratio Lower Upper
84 100
49 108.1 93.0 139.6
51 27.2 27.2 40.8
86 63.0 51.0 76.4





#33

1,2-Dichloroethane-d4

Concen: 52.406 ug/l

RT: 8.583 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VN087218.D

Acq: 27 Jun 2025 13:51

Instrument :

MSVOA_N

ClientSampleId :

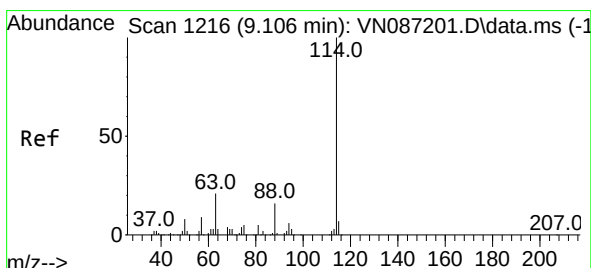
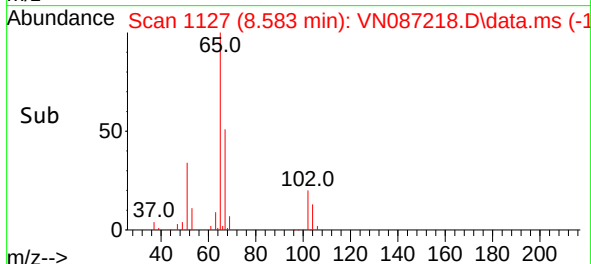
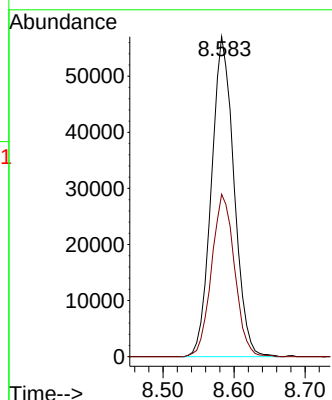
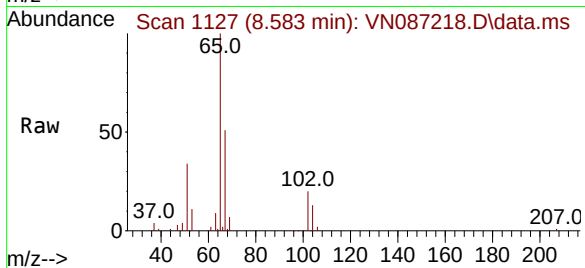
MH-G/H

Tgt Ion: 65 Resp: 126021

Ion Ratio Lower Upper

65 100

67 51.7 0.0 108.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. 0.000 min

Lab File: VN087218.D

Acq: 27 Jun 2025 13:51

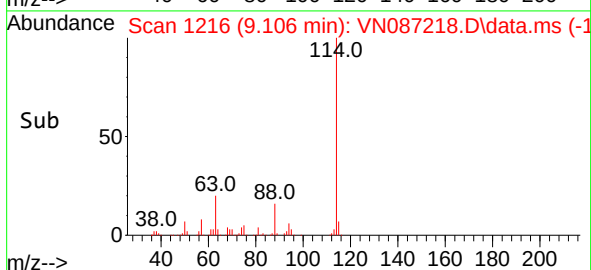
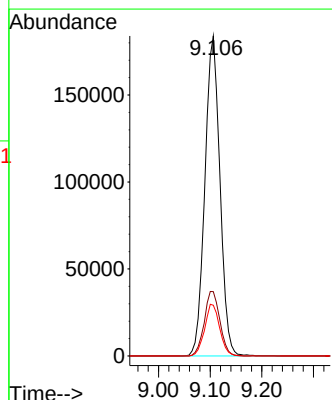
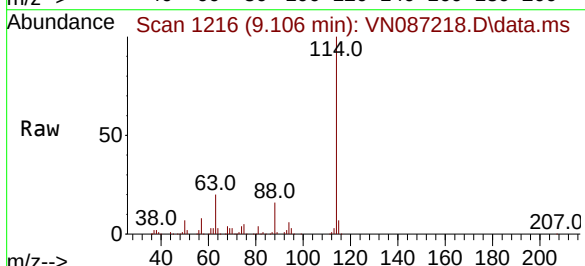
Tgt Ion: 114 Resp: 372339

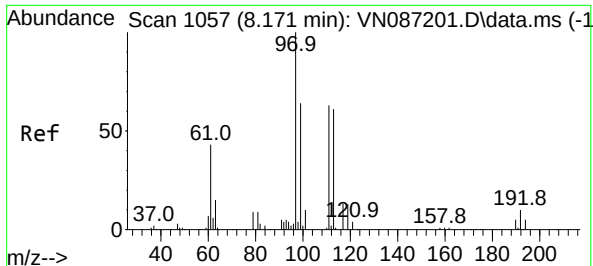
Ion Ratio Lower Upper

114 100

63 20.1 0.0 42.0

88 15.9 0.0 32.0

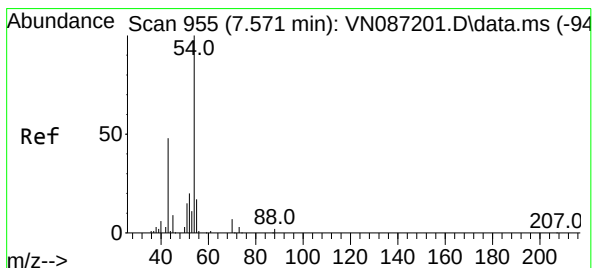
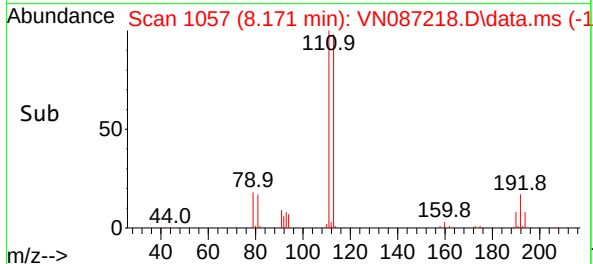
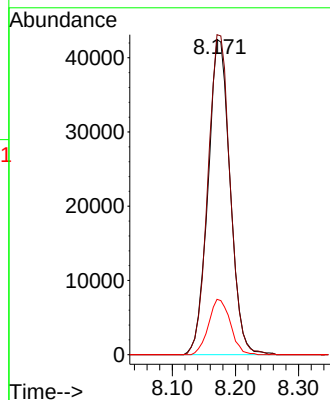
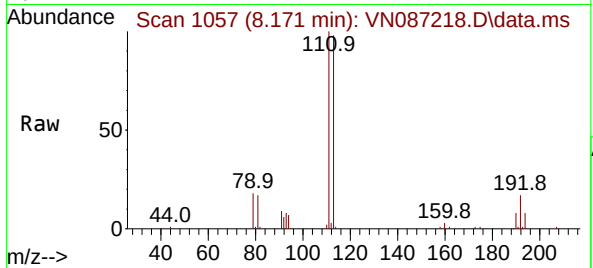




#35
Dibromofluoromethane
Concen: 42.920 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VN087218.D
Acq: 27 Jun 2025 13:51

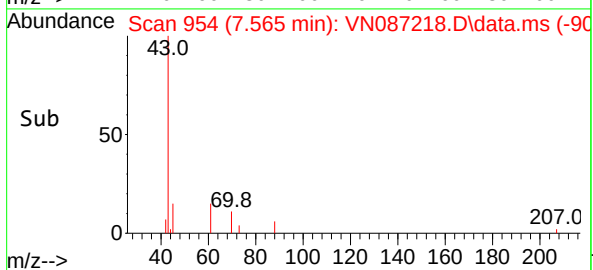
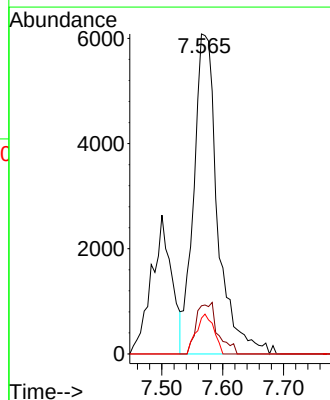
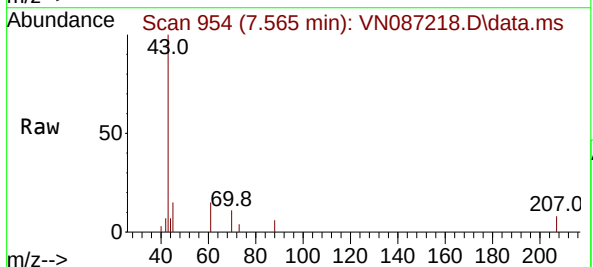
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MH-G/H

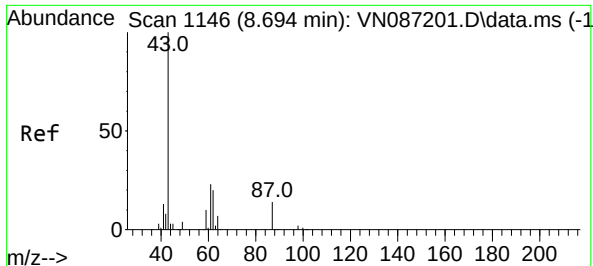
Tgt Ion:113 Resp: 103318
Ion Ratio Lower Upper
113 100
111 101.8 82.6 124.0
192 17.3 13.5 20.3



#37
Ethyl Acetate
Concen: 1.434 ug/l
RT: 7.565 min Scan# 954
Delta R.T. -0.006 min
Lab File: VN087218.D
Acq: 27 Jun 2025 13:51

Tgt Ion: 43 Resp: 16643
Ion Ratio Lower Upper
43 100
61 14.2 10.8 16.2
70 9.1 8.9 13.3

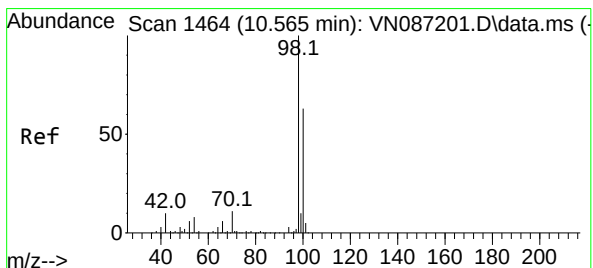
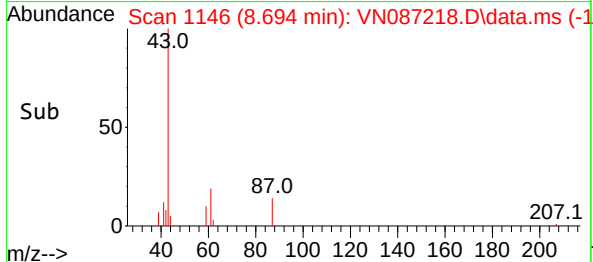
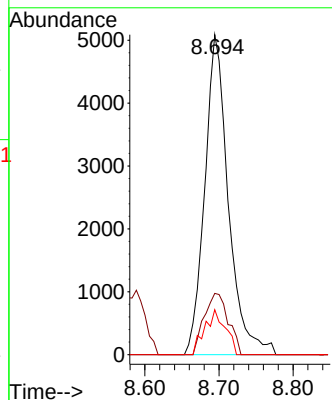
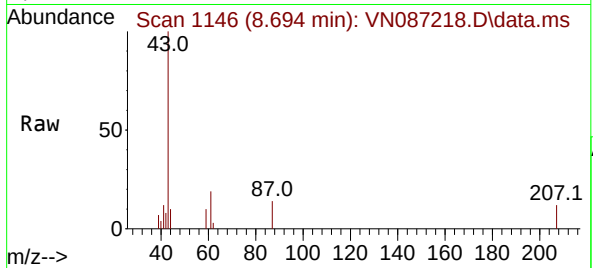




#43
Isopropyl Acetate
Concen: 1.739 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VN087218.D
Acq: 27 Jun 2025 13:51

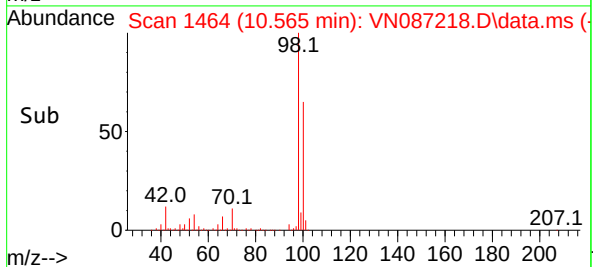
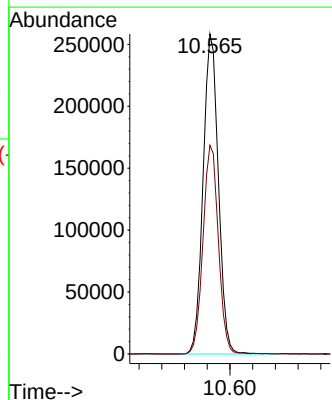
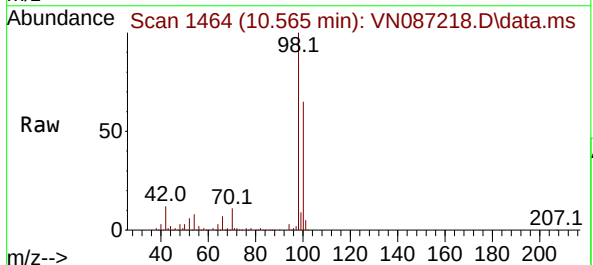
Instrument :
MSVOA_N
ClientSampleId :
MH-G/H

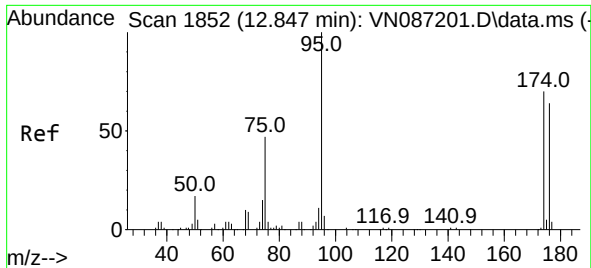
Tgt Ion: 43 Resp: 11275
Ion Ratio Lower Upper
43 100
61 19.5 21.0 31.6#
87 12.2 11.0 16.6



#50
Toluene-d8
Concen: 48.322 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN087218.D
Acq: 27 Jun 2025 13:51

Tgt Ion: 98 Resp: 481095
Ion Ratio Lower Upper
98 100
100 65.5 52.7 79.1

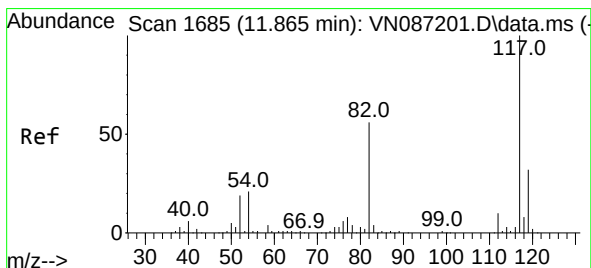
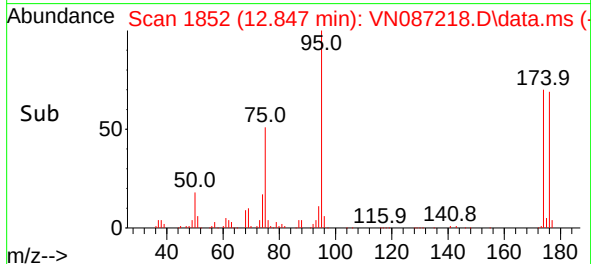
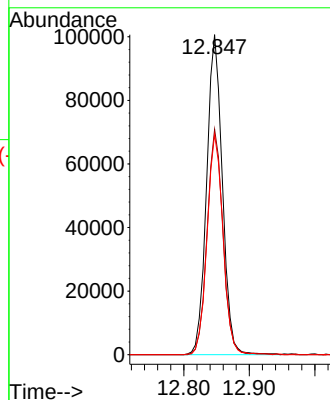
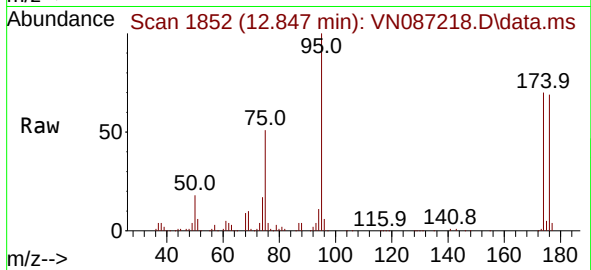




#62
4-Bromofluorobenzene
Concen: 48.619 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN087218.D
Acq: 27 Jun 2025 13:51

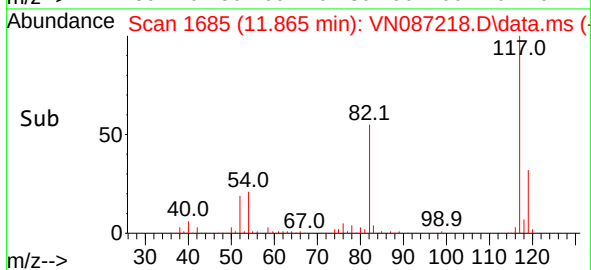
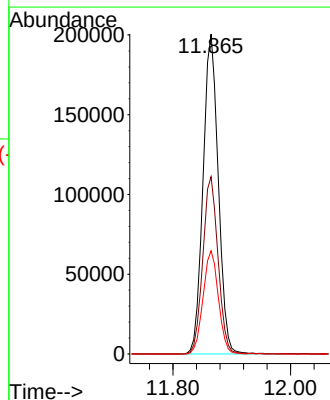
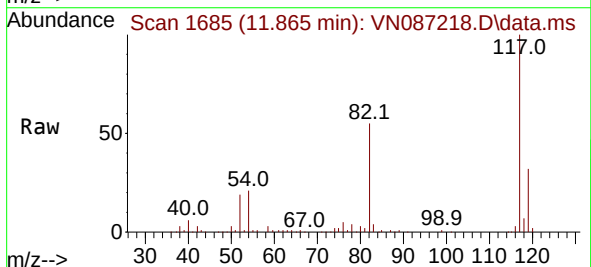
Instrument :
MSVOA_N
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MH-G/H

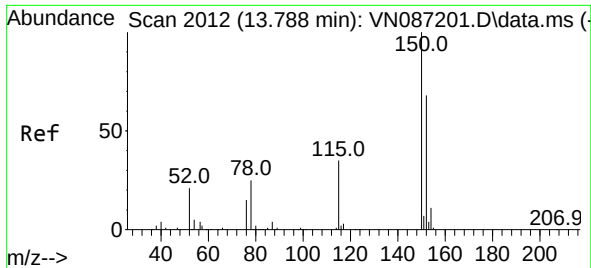
Tgt Ion: 95 Resp: 167961
Ion Ratio Lower Upper
95 100
174 70.4 0.0 142.2
176 69.8 0.0 134.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN087218.D
Acq: 27 Jun 2025 13:51

Tgt Ion: 117 Resp: 359869
Ion Ratio Lower Upper
117 100
82 55.4 45.0 67.4
119 32.3 25.9 38.9





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.788 min Scan# 20

Delta R.T. 0.000 min

Lab File: VN087218.D

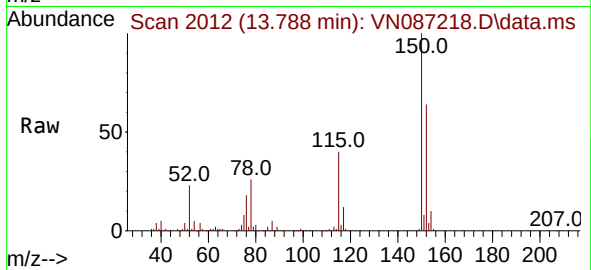
Acq: 27 Jun 2025 13:51

Instrument :

MSVOA_N

ClientSampleId :

MH-G/H



Tgt Ion:152 Resp: 163687

Ion Ratio Lower Upper

152 100

115 61.1 30.6 91.8

150 157.6 0.0 347.8

