

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN060925\
 Data File : VN086908.D
 Acq On : 09 Jun 2025 16:13
 Operator : JC\MD
 Sample : Q2226-04
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TP06-MHI-WC

Quant Time: Jun 10 03:35:32 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)

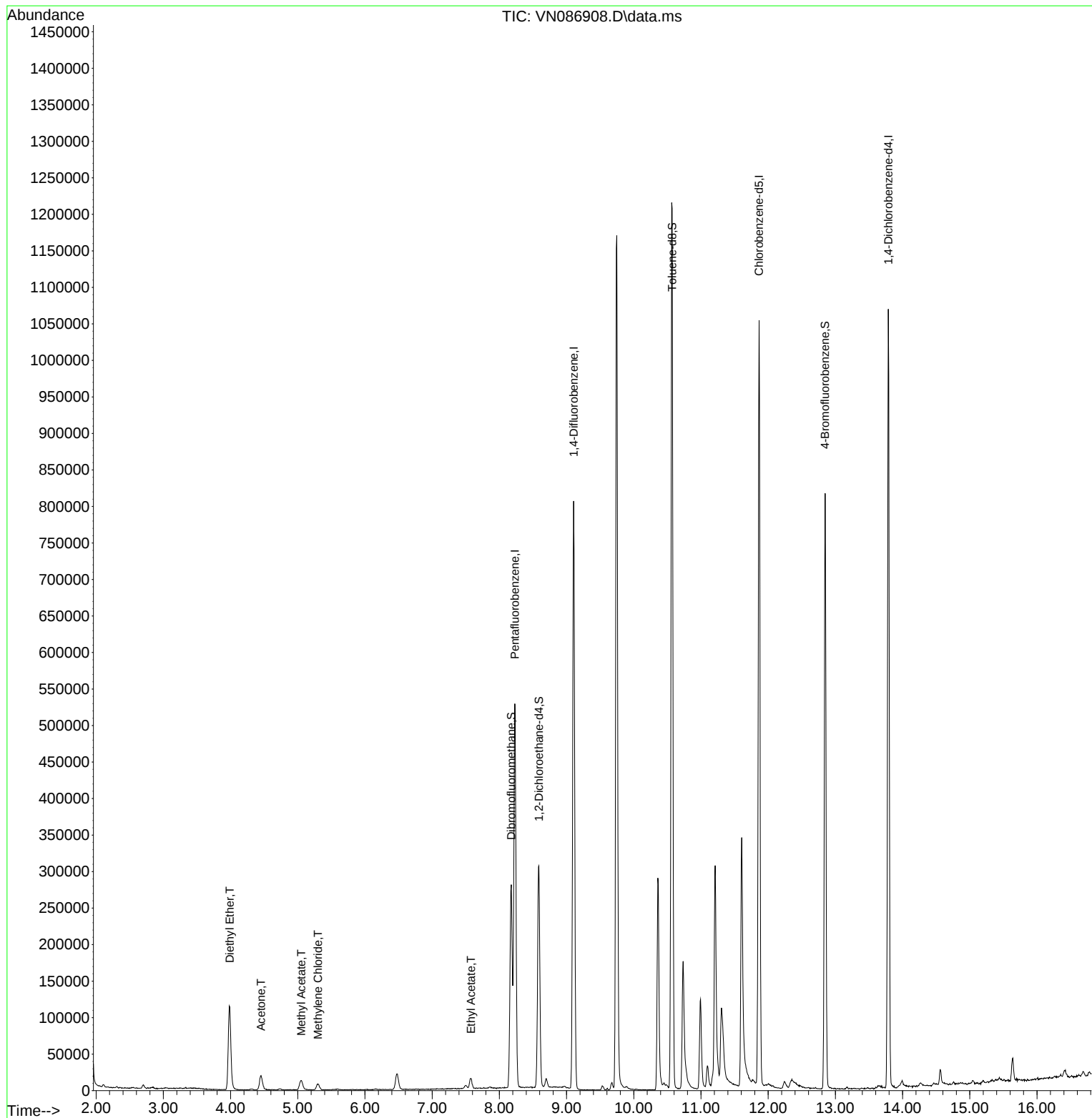
Internal Standards						
1) Pentafluorobenzene	8.230	168	421102	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	758244	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	661773	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	317369	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	251430	44.595	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	89.180%		
35) Dibromofluoromethane	8.177	113	215861	48.038	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	96.080%		
50) Toluene-d8	10.571	98	908272	51.059	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	102.120%		
62) 4-Bromofluorobenzene	12.847	95	325713	49.283	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	98.560%		
Target Compounds						Qvalue
8) Diethyl Ether	3.989	74	80333	25.232	ug/l	91
16) Acetone	4.453	43	38803	12.978	ug/l	99
18) Methyl Acetate	5.053	43	29419	3.376	ug/l	96
20) Methylene Chloride	5.300	84	7551	1.349	ug/l #	84
37) Ethyl Acetate	7.577	43	22286	2.615	ug/l	98

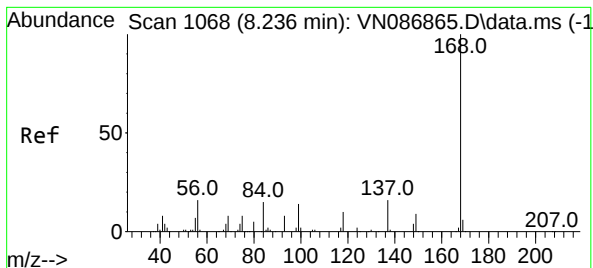
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

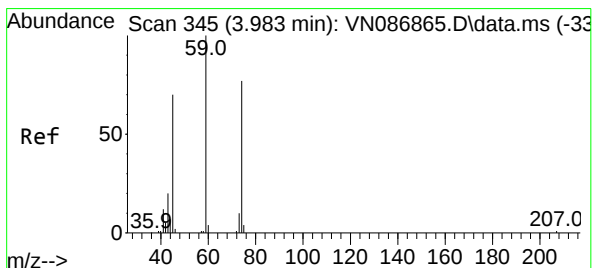
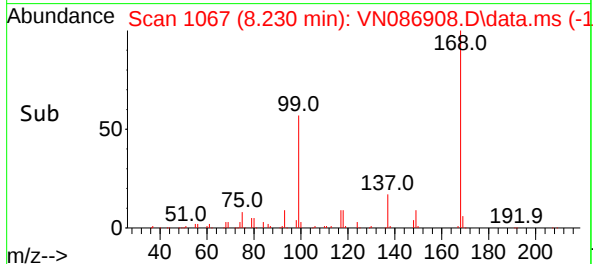
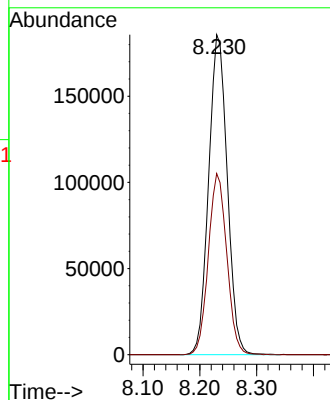
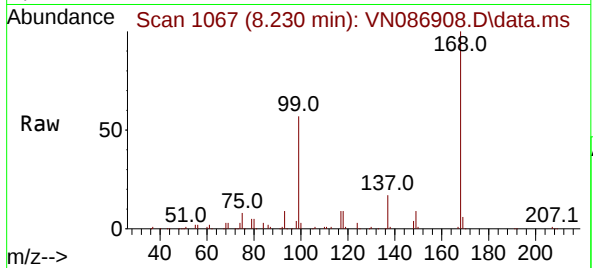




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1068
Delta R.T. -0.006 min
Lab File: VN086908.D
Acq: 09 Jun 2025 16:13

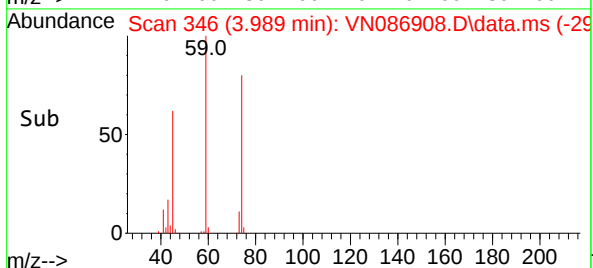
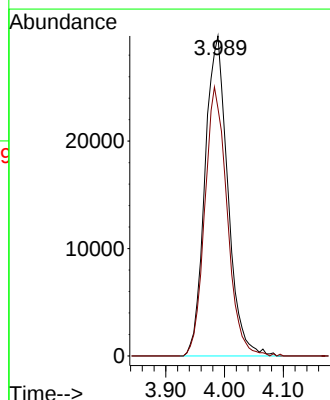
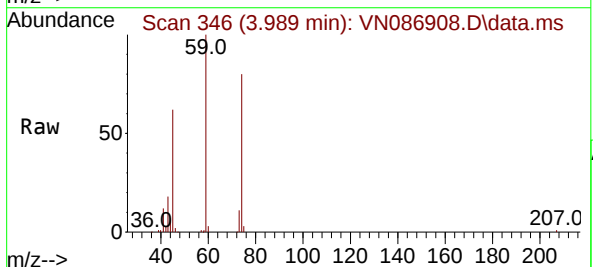
Instrument :
MSVOA_N
ClientSampleId :
TP06-MHI-WC

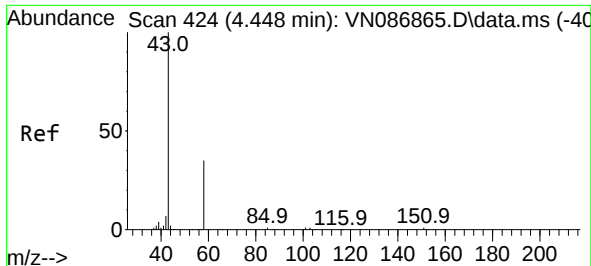
Tgt Ion:168 Resp: 421102
Ion Ratio Lower Upper
168 100
99 56.6 49.1 73.7



#8
Diethyl Ether
Concen: 25.232 ug/l
RT: 3.989 min Scan# 346
Delta R.T. 0.006 min
Lab File: VN086908.D
Acq: 09 Jun 2025 16:13

Tgt Ion: 74 Resp: 80333
Ion Ratio Lower Upper
74 100
45 82.3 45.5 136.5

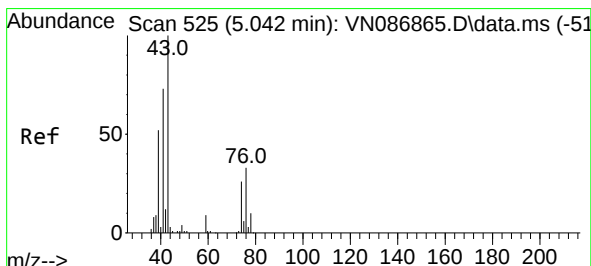
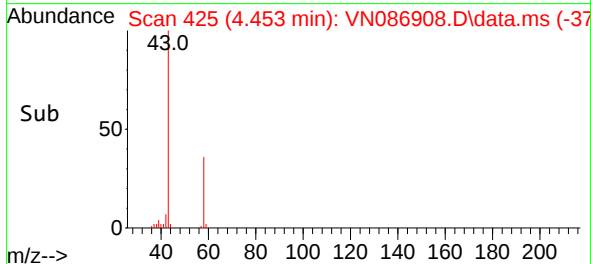
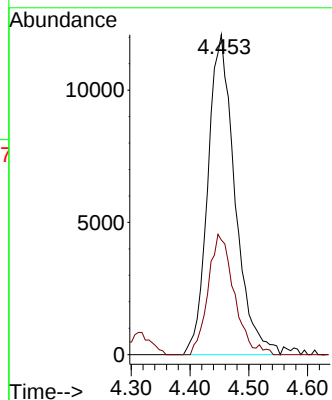
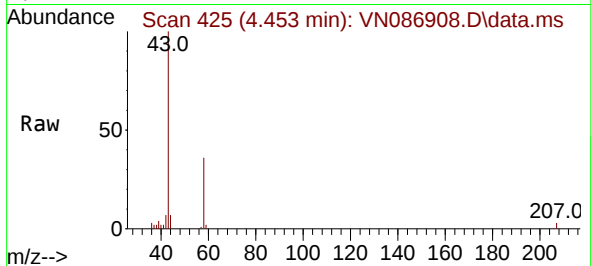




#16
Acetone
Concen: 12.978 ug/l
RT: 4.453 min Scan# 41
Delta R.T. 0.006 min
Lab File: VN086908.D
Acq: 09 Jun 2025 16:13

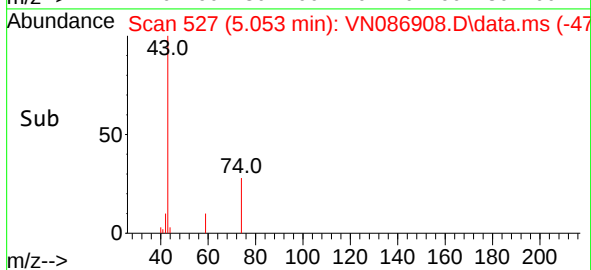
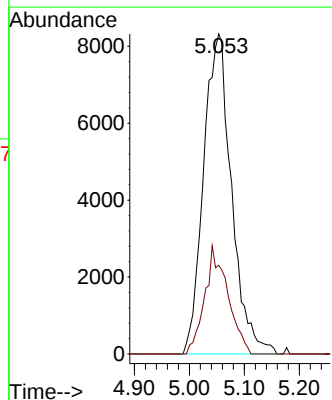
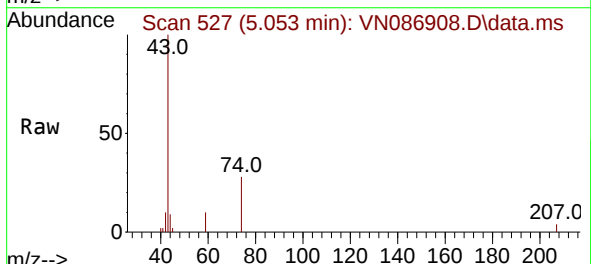
Instrument :
MSVOA_N
ClientSampleId :
TP06-MHI-WC

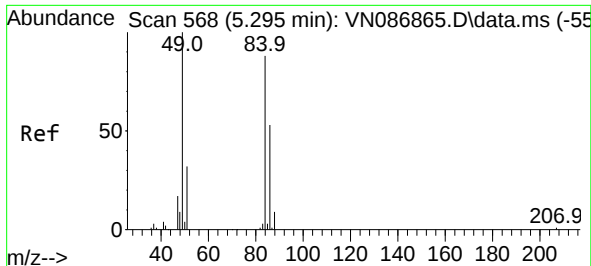
Tgt Ion: 43 Resp: 38803
Ion Ratio Lower Upper
43 100
58 35.9 28.0 42.0



#18
Methyl Acetate
Concen: 3.376 ug/l
RT: 5.053 min Scan# 527
Delta R.T. 0.012 min
Lab File: VN086908.D
Acq: 09 Jun 2025 16:13

Tgt Ion: 43 Resp: 29419
Ion Ratio Lower Upper
43 100
74 27.9 20.7 31.1

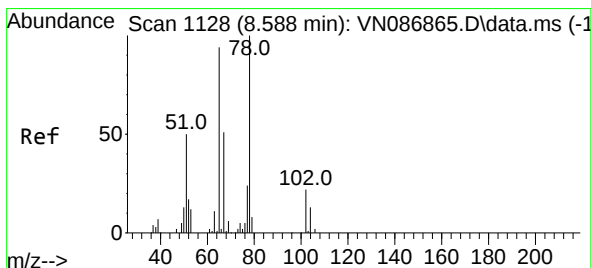
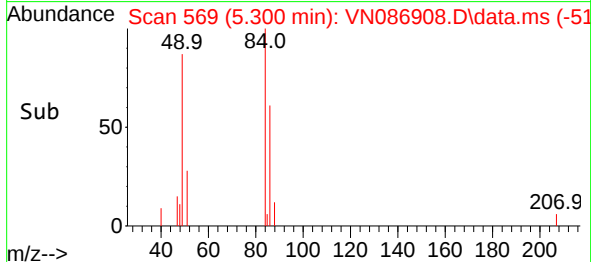
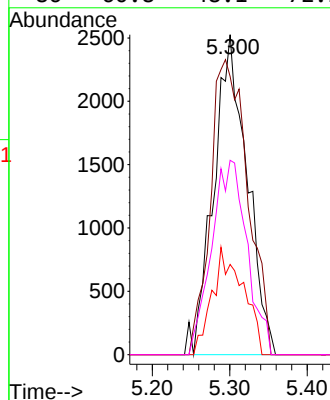
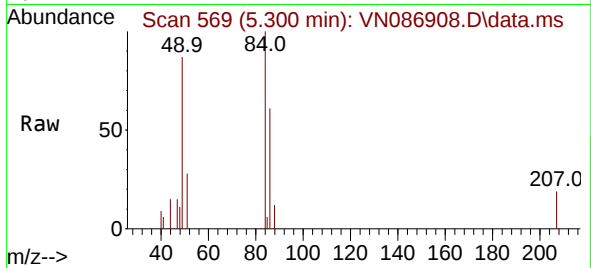




#20
Methylene Chloride
Concen: 1.349 ug/l
RT: 5.300 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN086908.D
Acq: 09 Jun 2025 16:13

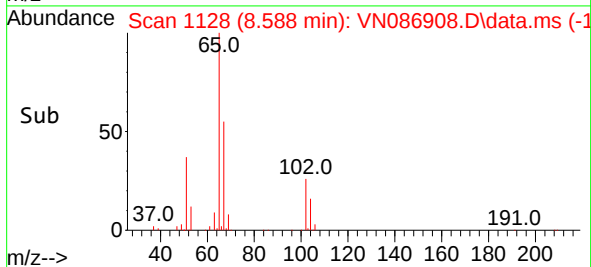
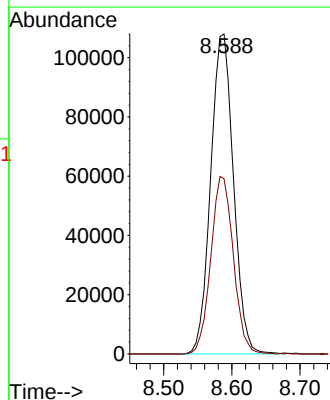
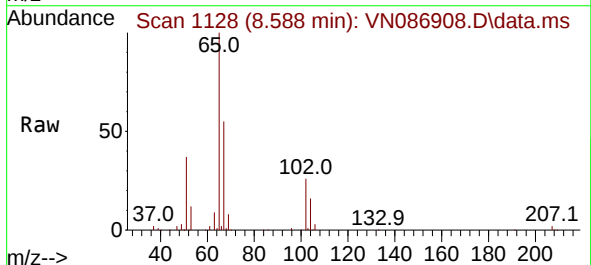
Instrument :
MSVOA_N
ClientSampleId :
TP06-MHI-WC

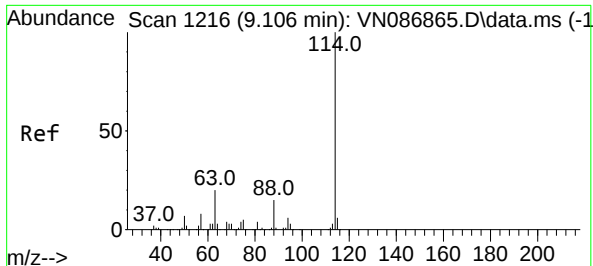
Tgt Ion:	84	Resp:	7551
Ion	Ratio	Lower	Upper
84	100		
49	86.9	90.5	135.7#
51	28.2	28.5	42.7#
86	60.8	48.1	72.1



#33
1,2-Dichloroethane-d4
Concen: 44.595 ug/l
RT: 8.588 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VN086908.D
Acq: 09 Jun 2025 16:13

Tgt Ion:	65	Resp:	251430
Ion	Ratio	Lower	Upper
65	100		
67	54.8	0.0	105.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN086908.D

Acq: 09 Jun 2025 16:13

Instrument :

MSVOA_N

ClientSampleId :

TP06-MHI-WC

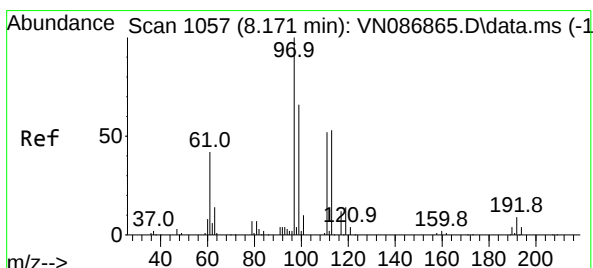
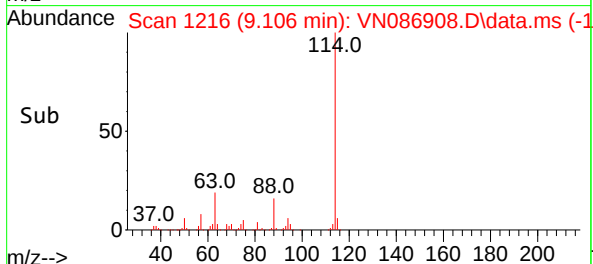
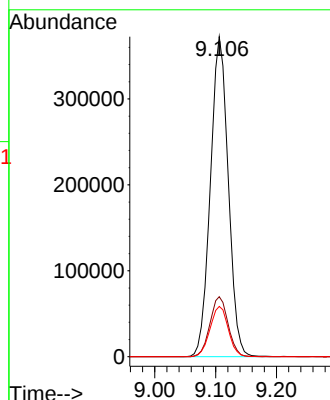
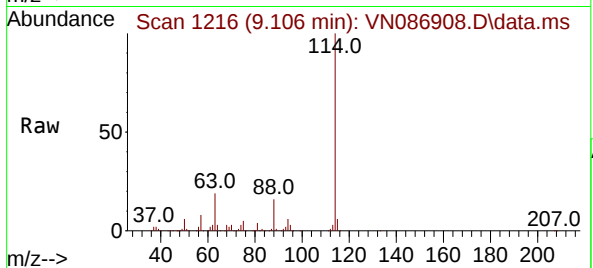
Tgt Ion:114 Resp: 758244

Ion Ratio Lower Upper

114 100

63 18.7 0.0 39.6

88 15.7 0.0 30.2



#35

Dibromofluoromethane

Concen: 48.038 ug/l

RT: 8.177 min Scan# 1058

Delta R.T. 0.006 min

Lab File: VN086908.D

Acq: 09 Jun 2025 16:13

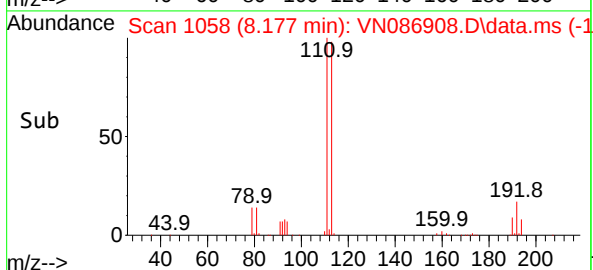
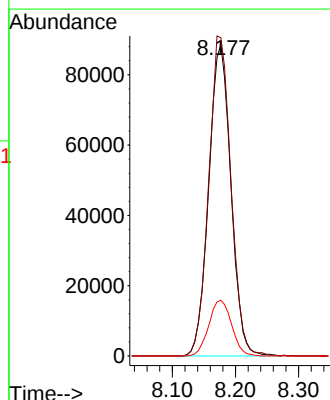
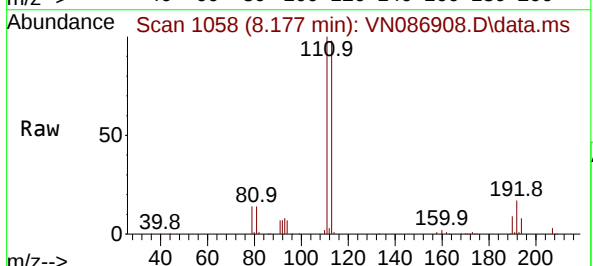
Tgt Ion:113 Resp: 215861

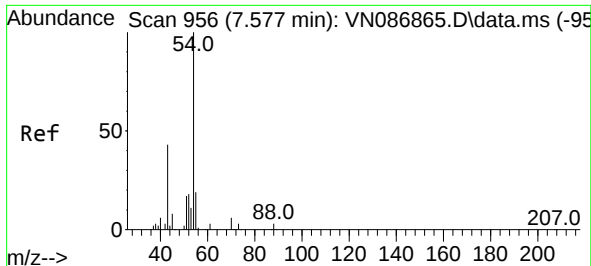
Ion Ratio Lower Upper

113 100

111 103.3 84.2 126.2

192 18.5 14.2 21.4

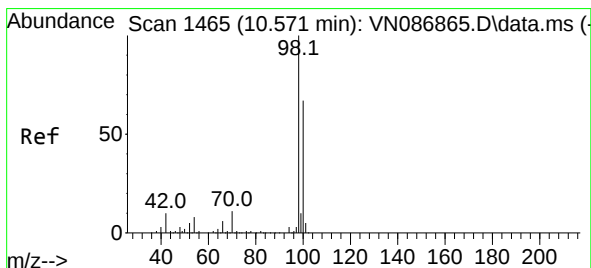
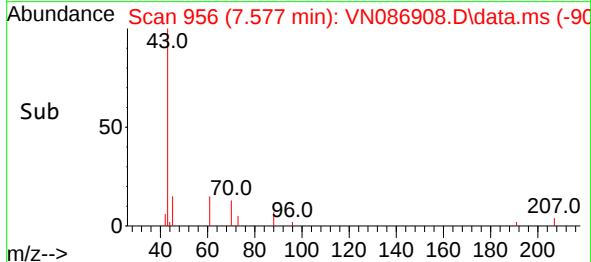
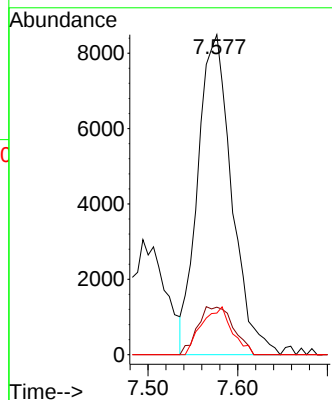
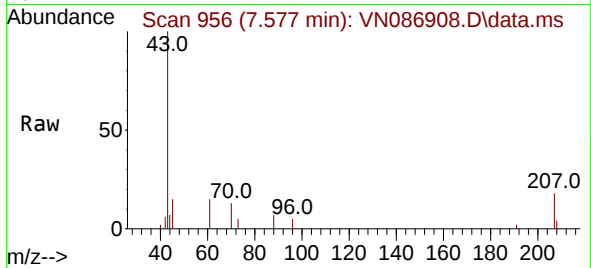




#37
Ethyl Acetate
Concen: 2.615 ug/l
RT: 7.577 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN086908.D
Acq: 09 Jun 2025 16:13

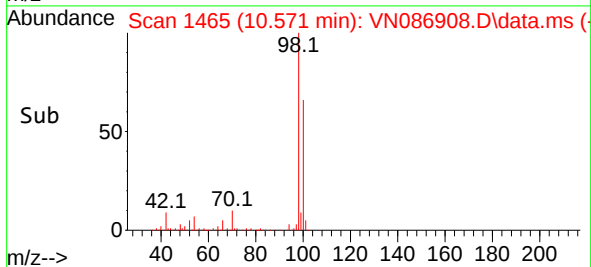
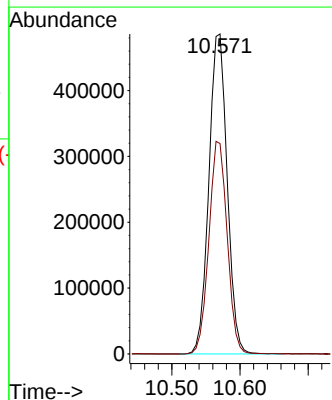
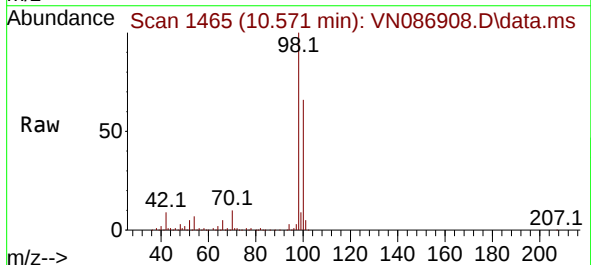
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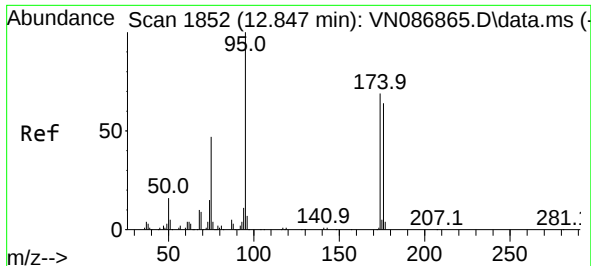
Tgt Ion: 43 Resp: 22286
Ion Ratio Lower Upper
43 100
61 15.8 12.1 18.1
70 13.3 9.8 14.6



#50
Toluene-d8
Concen: 51.059 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN086908.D
Acq: 09 Jun 2025 16:13

Tgt Ion: 98 Resp: 908272
Ion Ratio Lower Upper
98 100
100 66.4 53.4 80.0

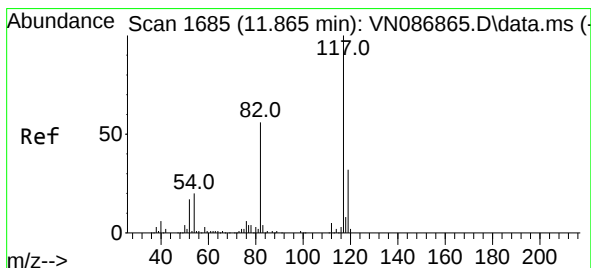
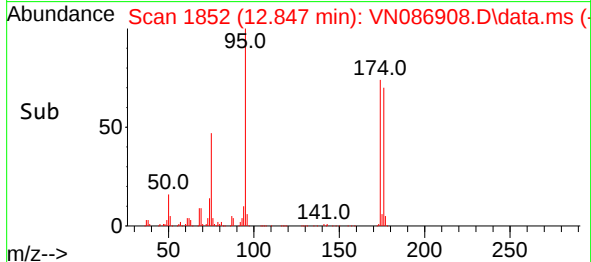
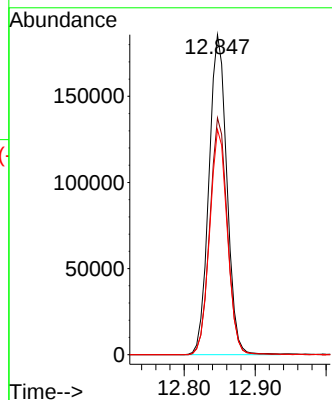
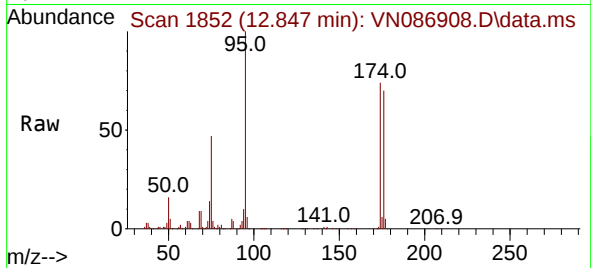




#62
4-Bromofluorobenzene
Concen: 49.283 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN086908.D
Acq: 09 Jun 2025 16:13

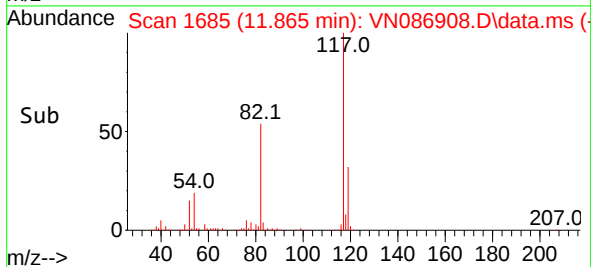
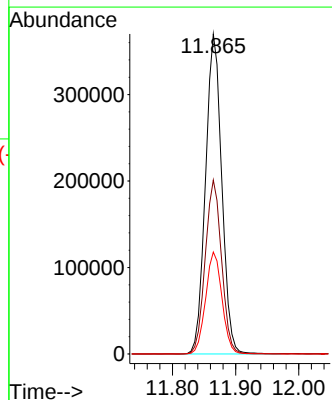
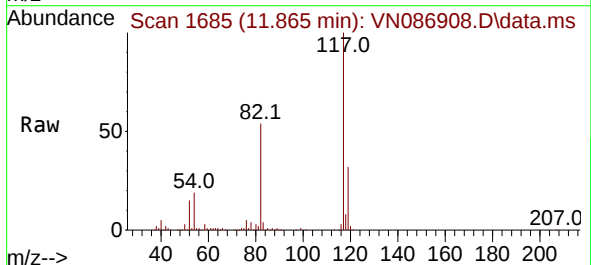
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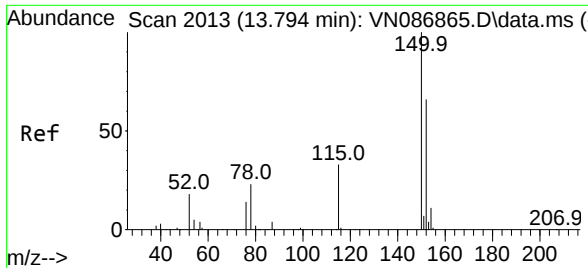
Tgt Ion: 95 Resp: 325713
Ion Ratio Lower Upper
95 100
174 72.5 0.0 141.8
176 69.7 0.0 132.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN086908.D
Acq: 09 Jun 2025 16:13

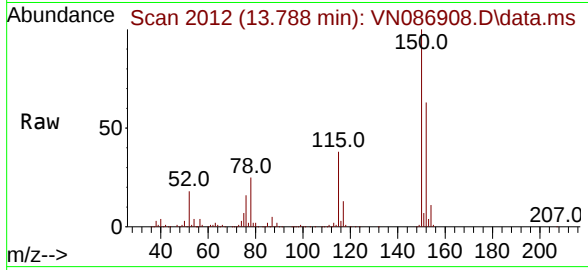
Tgt Ion: 117 Resp: 661773
Ion Ratio Lower Upper
117 100
82 54.4 44.6 67.0
119 31.8 25.5 38.3





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.788 min Scan# 20
 Delta R.T. -0.006 min
 Lab File: VN086908.D
 Acq: 09 Jun 2025 16:13

Instrument :
 MSVOA_N
 ClientSampleId :
 TP06-MHI-WC



Tgt Ion:152 Resp: 317369
 Ion Ratio Lower Upper
 152 100
 115 59.5 30.1 90.5
 150 157.1 0.0 345.0

