

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061725\
 Data File : VN087060.D
 Acq On : 17 Jun 2025 15:26
 Operator : JC\MD
 Sample : Q2319-04
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MH-B

Quant Time: Jun 18 01:49:32 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)

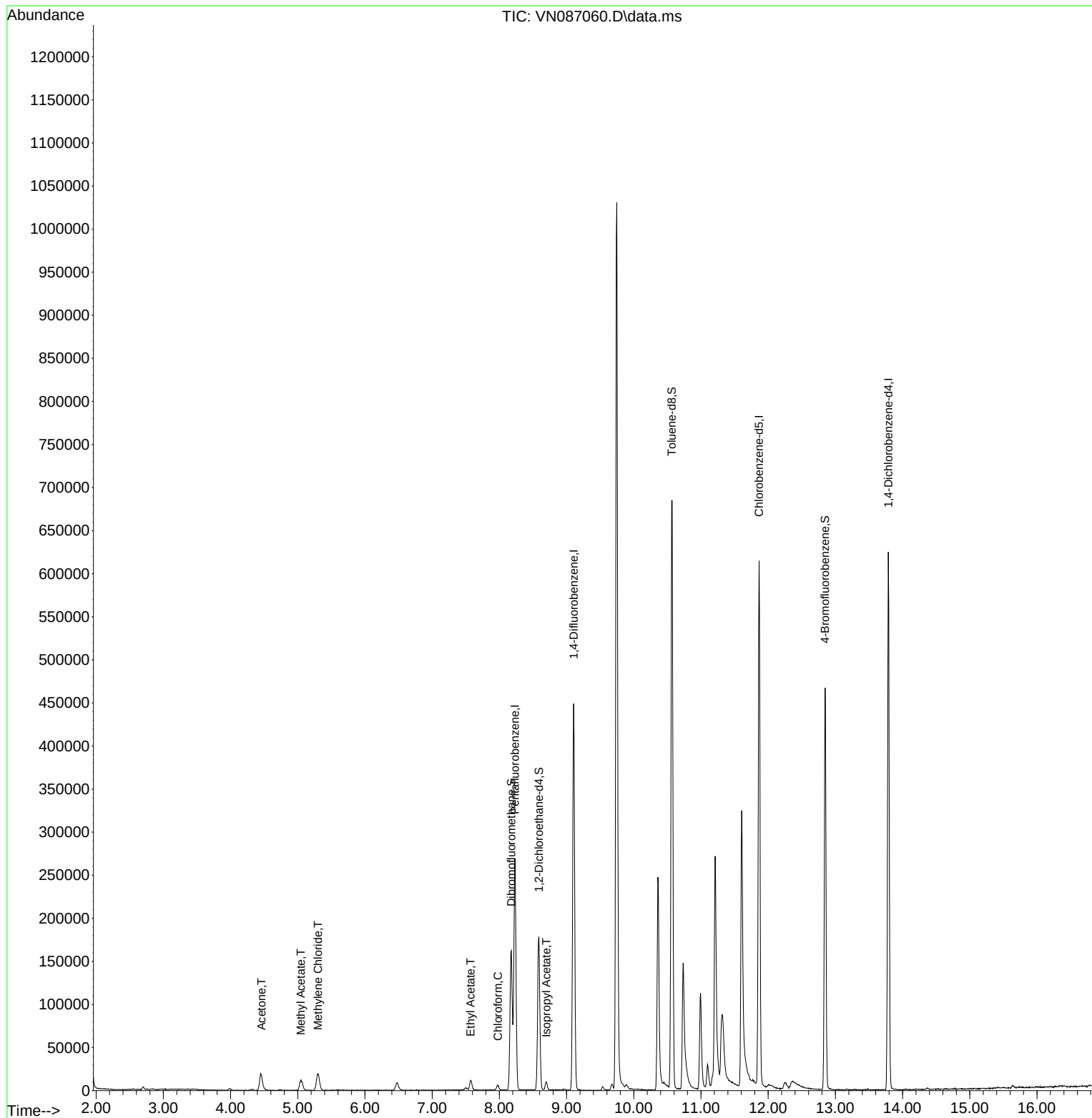
Internal Standards						
1) Pentafluorobenzene	8.230	168	213420	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	420742	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	382712	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	183788	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	146641	51.319	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	= 102.640%		
35) Dibromofluoromethane	8.177	113	126756	50.836	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 101.680%		
50) Toluene-d8	10.565	98	518462	52.525	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	= 105.040%		
62) 4-Bromofluorobenzene	12.847	95	183759	50.108	ug/l	0.00
Spiked Amount	50.000	Range 77 - 121	Recovery	= 100.220%		
Target Compounds						
						Qvalue
16) Acetone	4.459	43	37760	24.919	ug/l	93
18) Methyl Acetate	5.048	43	25058	5.674	ug/l	98
20) Methylene Chloride	5.300	84	17542	6.183	ug/l	91
30) Chloroform	7.977	83	6454	1.352	ug/l	97
37) Ethyl Acetate	7.571	43	17959	3.797	ug/l	99
43) Isopropyl Acetate	8.700	43	11228	1.479	ug/l #	93

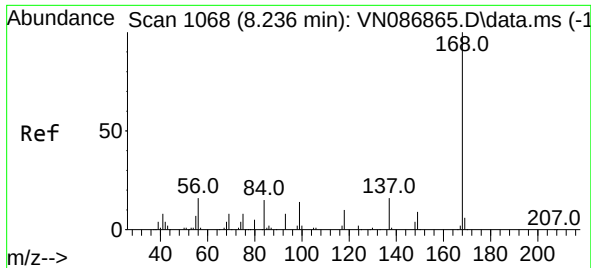
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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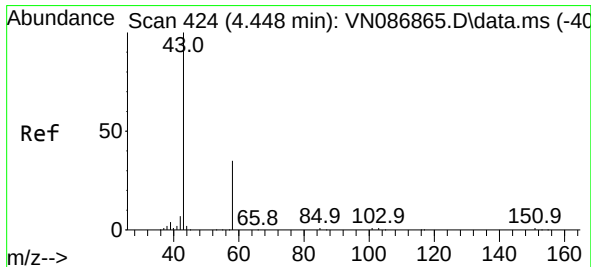
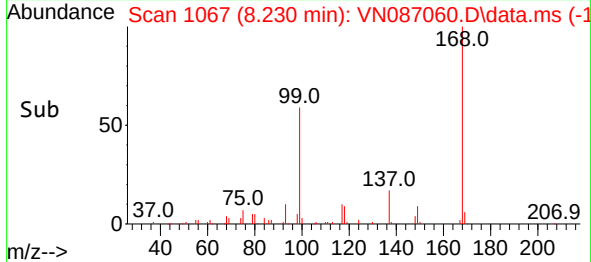
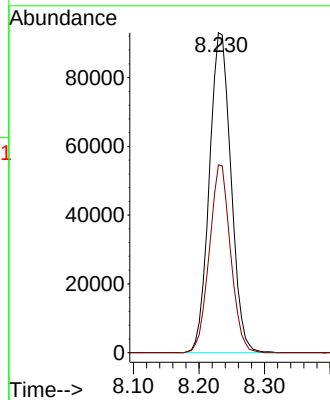
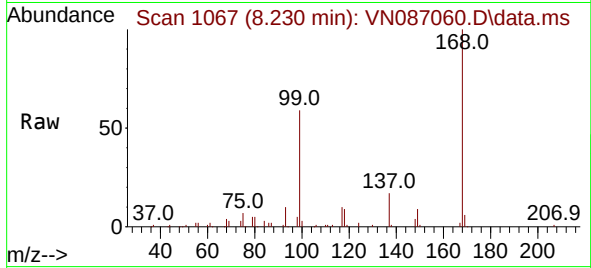




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1068
Delta R.T. -0.006 min
Lab File: VN087060.D
Acq: 17 Jun 2025 15:26

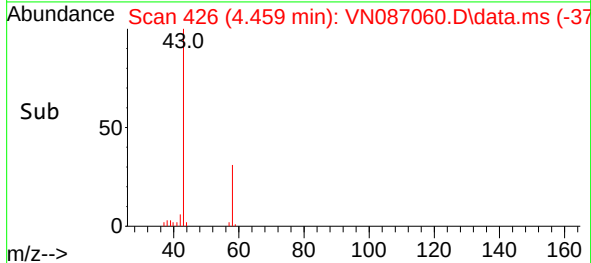
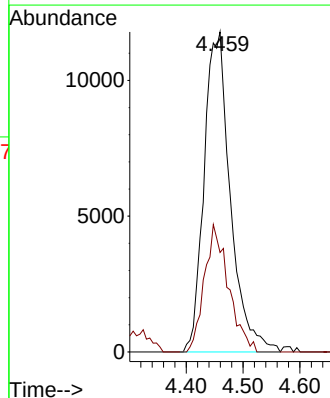
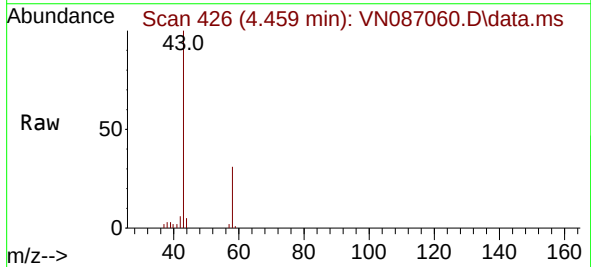
Instrument :
MSVOA_N
ClientSampleId :
MH-B

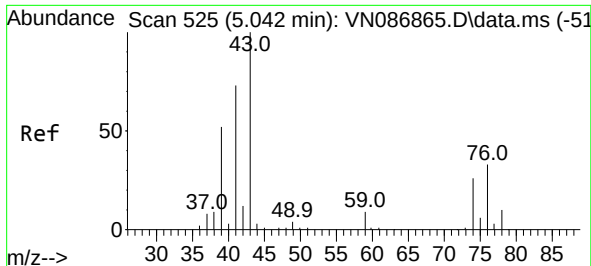
Tgt Ion:168 Resp: 213420
Ion Ratio Lower Upper
168 100
99 58.7 49.1 73.7



#16
Acetone
Concen: 24.919 ug/l
RT: 4.459 min Scan# 426
Delta R.T. 0.012 min
Lab File: VN087060.D
Acq: 17 Jun 2025 15:26

Tgt Ion: 43 Resp: 37760
Ion Ratio Lower Upper
43 100
58 31.1 28.0 42.0

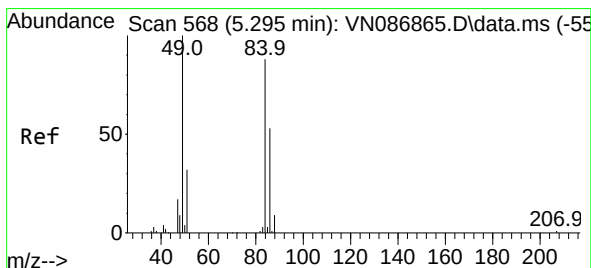
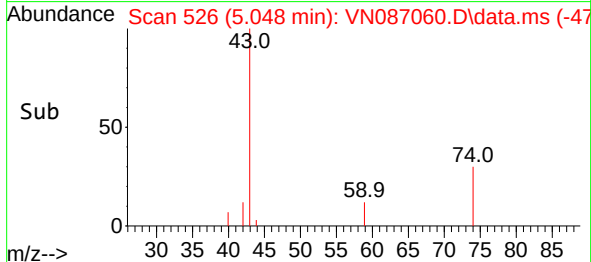
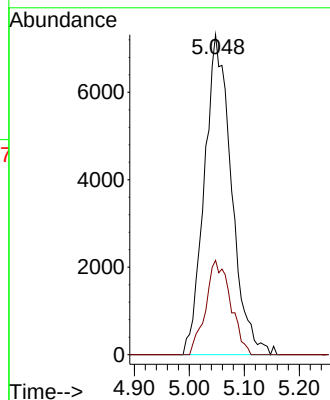
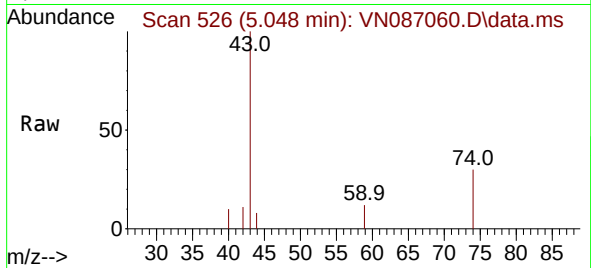




#18
Methyl Acetate
Concen: 5.674 ug/l
RT: 5.048 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN087060.D
Acq: 17 Jun 2025 15:26

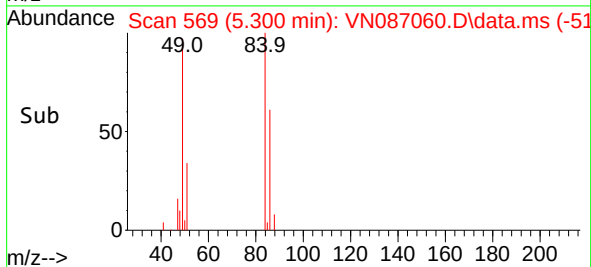
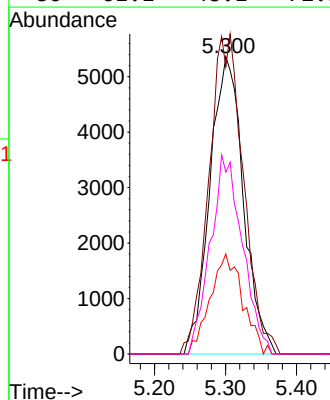
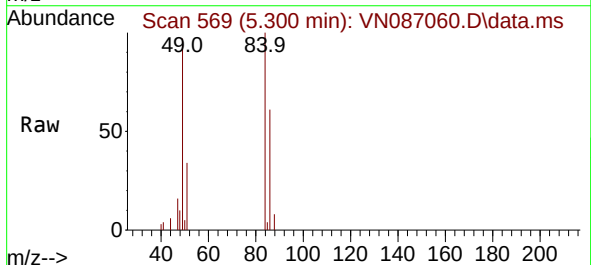
Instrument :
MSVOA_N
ClientSampleId :
MH-B

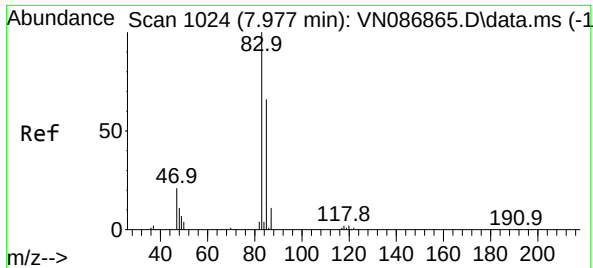
Tgt Ion: 43 Resp: 25058
Ion Ratio Lower Upper
43 100
74 27.0 20.7 31.1



#20
Methylene Chloride
Concen: 6.183 ug/l
RT: 5.300 min Scan# 569
Delta R.T. 0.006 min
Lab File: VN087060.D
Acq: 17 Jun 2025 15:26

Tgt Ion: 84 Resp: 17542
Ion Ratio Lower Upper
84 100
49 96.5 90.5 135.7
51 33.6 28.5 42.7
86 61.1 48.1 72.1

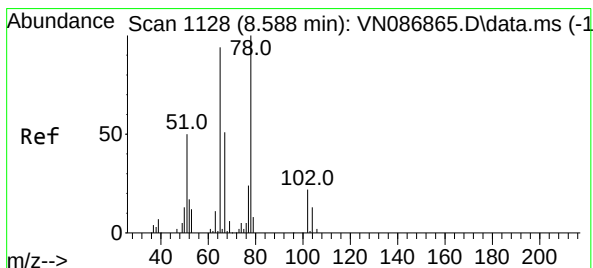
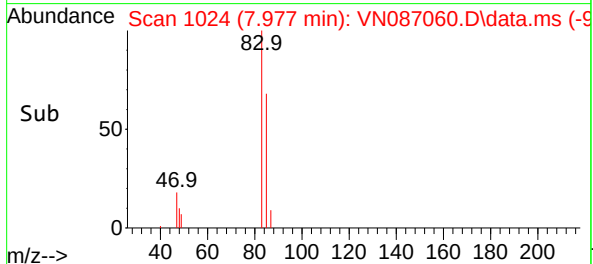
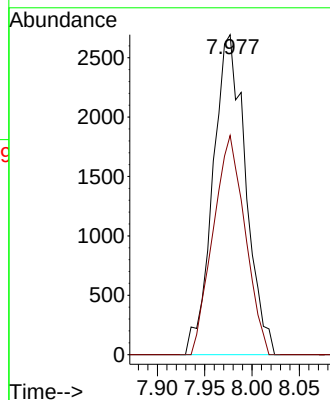
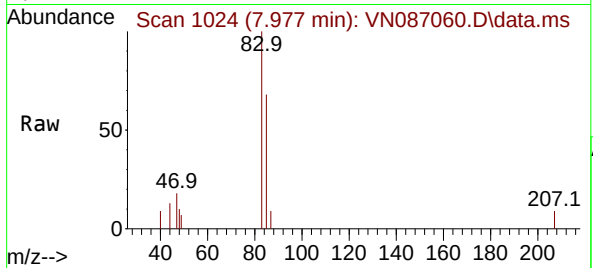




#30
Chloroform
Concen: 1.352 ug/l
RT: 7.977 min Scan# 1024
Delta R.T. -0.000 min
Lab File: VN087060.D
Acq: 17 Jun 2025 15:26

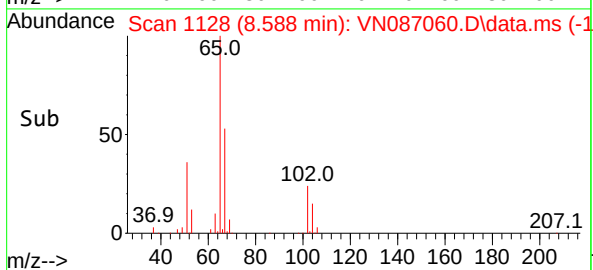
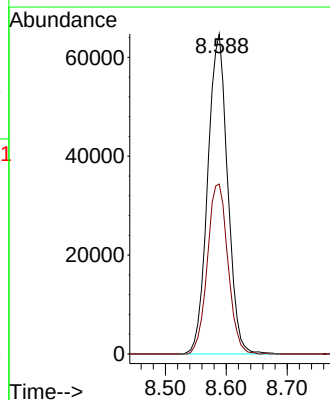
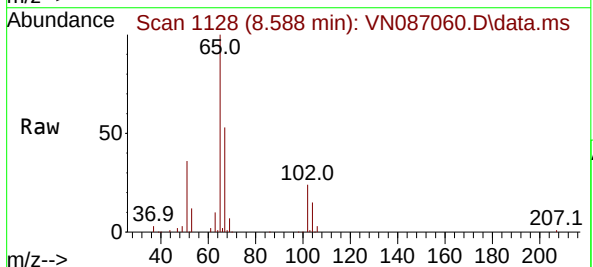
Instrument :
MSVOA_N
ClientSampleId :
MH-B

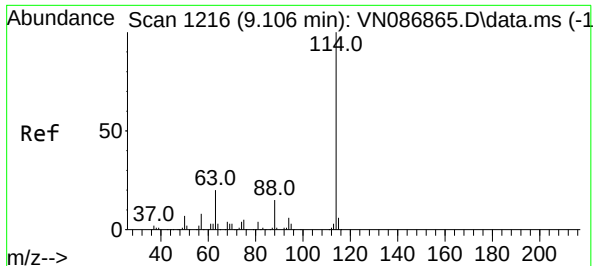
Tgt Ion: 83 Resp: 6454
Ion Ratio Lower Upper
83 100
85 68.5 52.9 79.3



#33
1,2-Dichloroethane-d4
Concen: 51.319 ug/l
RT: 8.588 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VN087060.D
Acq: 17 Jun 2025 15:26

Tgt Ion: 65 Resp: 146641
Ion Ratio Lower Upper
65 100
67 54.9 0.0 105.6

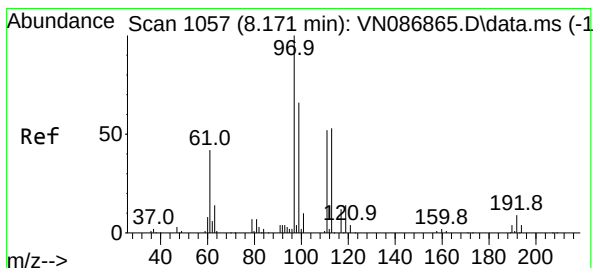
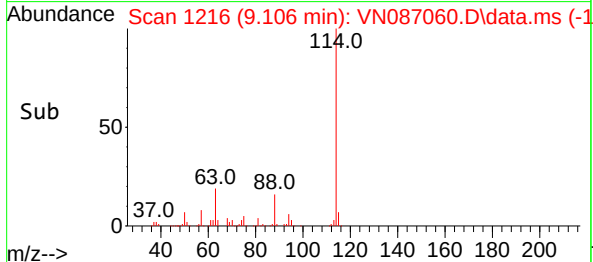
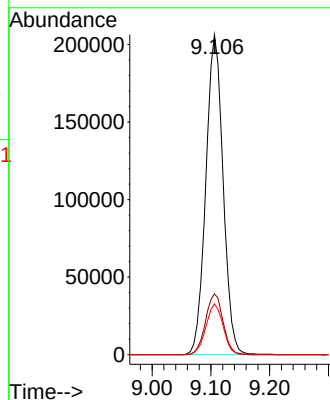
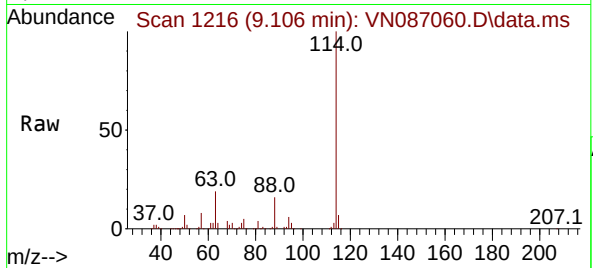




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN087060.D
Acq: 17 Jun 2025 15:26

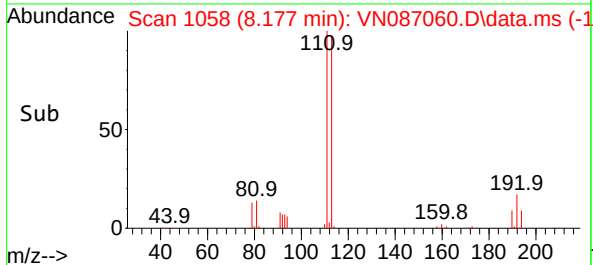
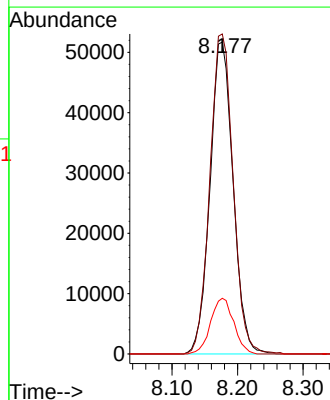
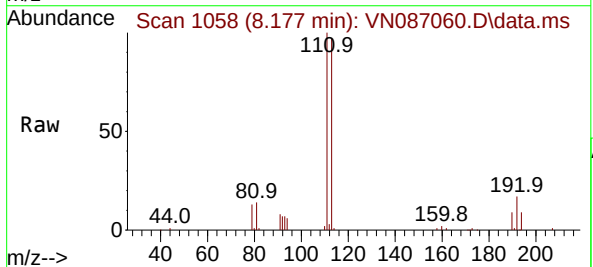
Instrument :
MSVOA_N
ClientSampleId :
MH-B

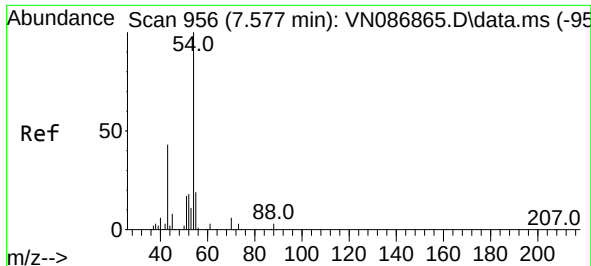
Tgt Ion:114 Resp: 420742
Ion Ratio Lower Upper
114 100
63 19.0 0.0 39.6
88 15.9 0.0 30.2



#35
Dibromofluoromethane
Concen: 50.836 ug/l
RT: 8.177 min Scan# 1058
Delta R.T. 0.006 min
Lab File: VN087060.D
Acq: 17 Jun 2025 15:26

Tgt Ion:113 Resp: 126756
Ion Ratio Lower Upper
113 100
111 103.0 84.2 126.2
192 17.8 14.2 21.4

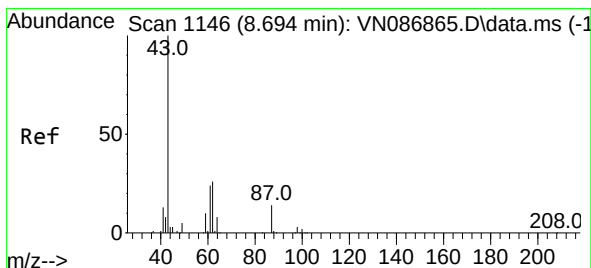
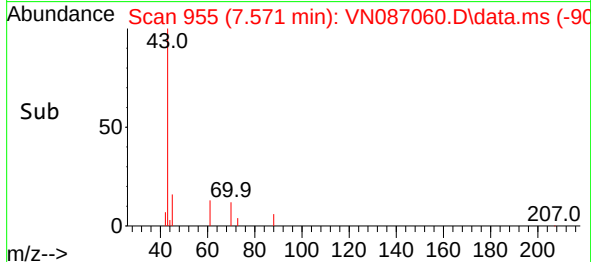
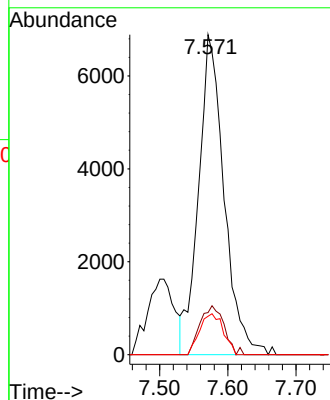
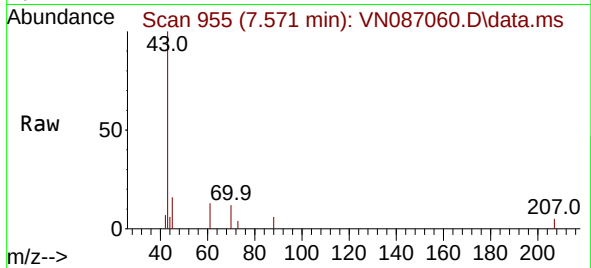




#37
Ethyl Acetate
Concen: 3.797 ug/l
RT: 7.571 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN087060.D
Acq: 17 Jun 2025 15:26

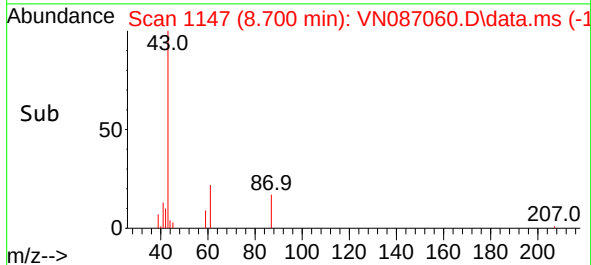
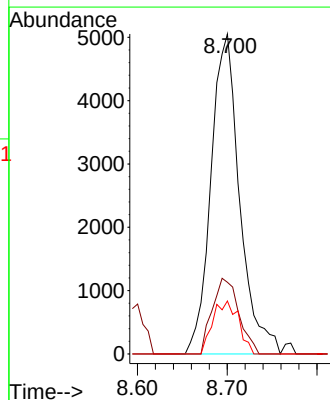
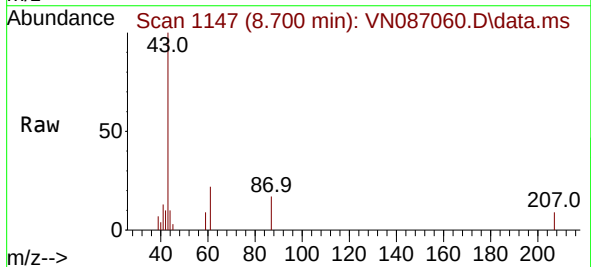
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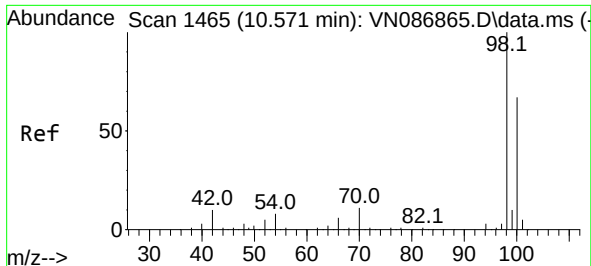
Tgt Ion:	43	Resp:	17959
Ion	Ratio	Lower	Upper
43	100		
61	14.4	12.1	18.1
70	11.8	9.8	14.6



#43
Isopropyl Acetate
Concen: 1.479 ug/l
RT: 8.700 min Scan# 1147
Delta R.T. 0.006 min
Lab File: VN087060.D
Acq: 17 Jun 2025 15:26

Tgt Ion:	43	Resp:	11228
Ion	Ratio	Lower	Upper
43	100		
61	21.8	22.1	33.1#
87	14.8	11.8	17.6

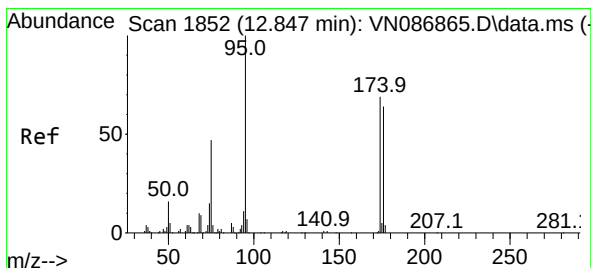
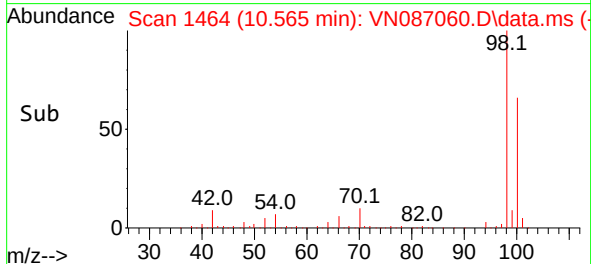
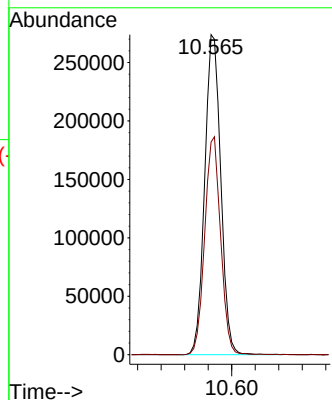
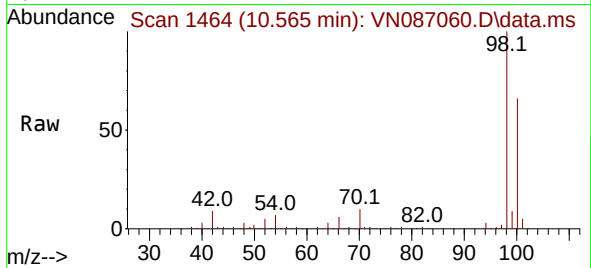




#50
Toluene-d8
Concen: 52.525 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.006 min
Lab File: VN087060.D
Acq: 17 Jun 2025 15:26

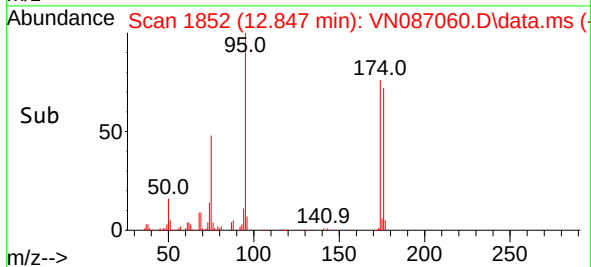
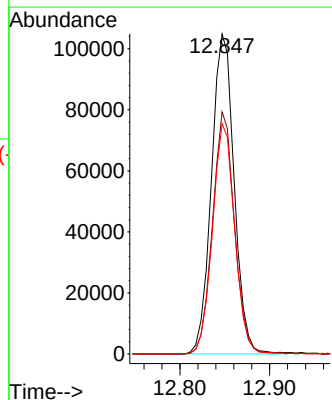
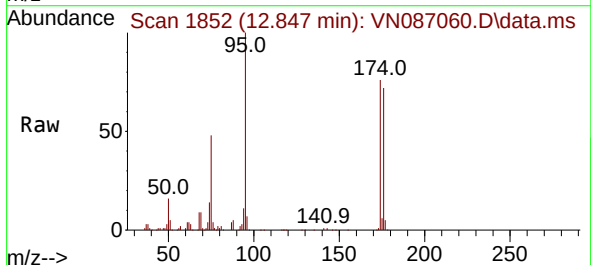
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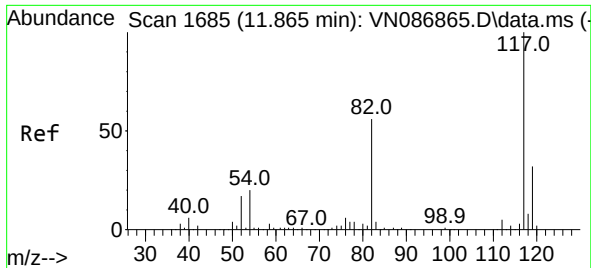
Tgt Ion: 98 Resp: 518462
Ion Ratio Lower Upper
98 100
100 67.4 53.4 80.0



#62
4-Bromofluorobenzene
Concen: 50.108 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN087060.D
Acq: 17 Jun 2025 15:26

Tgt Ion: 95 Resp: 183759
Ion Ratio Lower Upper
95 100
174 73.2 0.0 141.8
176 70.6 0.0 132.6

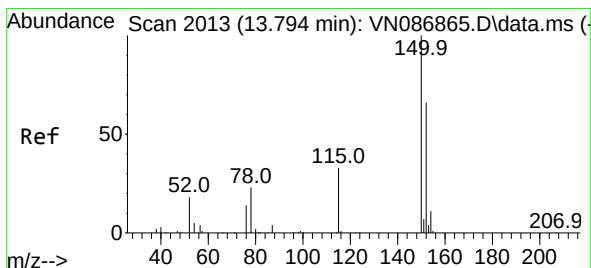
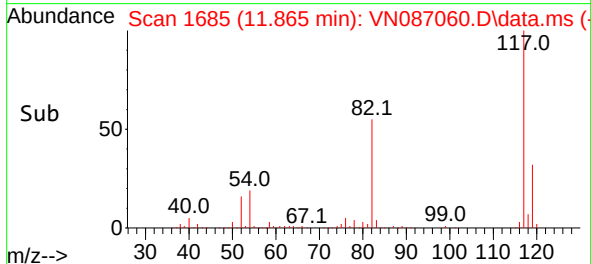
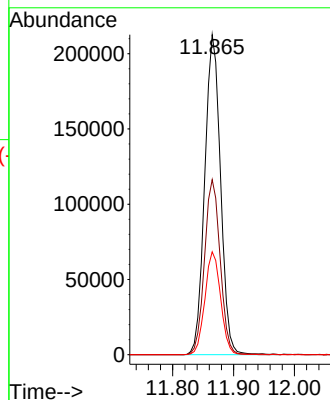
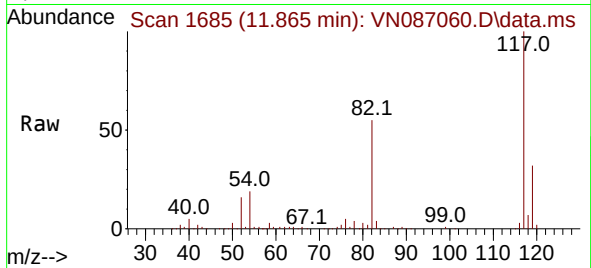




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN087060.D
Acq: 17 Jun 2025 15:26

Instrument :
MSVOA_N
ClientSampleId :
MH-B

Tgt Ion:117 Resp: 382712
Ion Ratio Lower Upper
117 100
82 54.7 44.6 67.0
119 32.2 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. -0.006 min
Lab File: VN087060.D
Acq: 17 Jun 2025 15:26

Tgt Ion:152 Resp: 183788
Ion Ratio Lower Upper
152 100
115 59.5 30.1 90.5
150 157.1 0.0 345.0

