

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062425\
 Data File : VN087157.D
 Acq On : 24 Jun 2025 15:28
 Operator : JC\MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

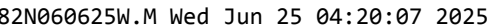
Quant Time: Jun 25 04:19:56 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060625W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 07 02:12:50 2025
 Response via : Initial Calibration

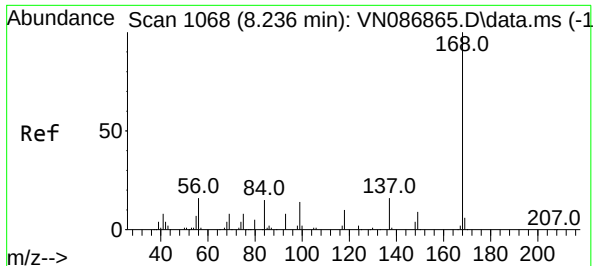
Compound	R.T. QIon		Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	8.236	168	158318	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	312326	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	306418	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	143964	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	129273	60.986	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	= 121.980%		
35) Dibromofluoromethane	8.171	113	100672	54.390	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 108.780%		
50) Toluene-d8	10.571	98	417101	56.924	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	= 113.840%#		
62) 4-Bromofluorobenzene	12.847	95	146192	53.702	ug/l	0.00
Spiked Amount	50.000	Range 77 - 121	Recovery	= 107.400%		
Target Compounds						
					Qvalue	
31) Cyclohexane	8.236	56	3392	0.987	ug/l #	1
36) 1,1-Dichloropropene	8.230	75	12699	4.604	ug/l #	47
38) Carbon Tetrachloride	8.230	117	16349	6.038	ug/l #	20
51) 4-Methyl-2-Pentanone	10.571	43	1747	0.515	ug/l #	1
71) Bromoform	12.847	173	677	0.421	ug/l #	1
76) 1,2,3-Trichloropropane	12.847	75	72385	21.152	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	72385	48.692	ug/l #	16

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

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Response via : Initial Calibration

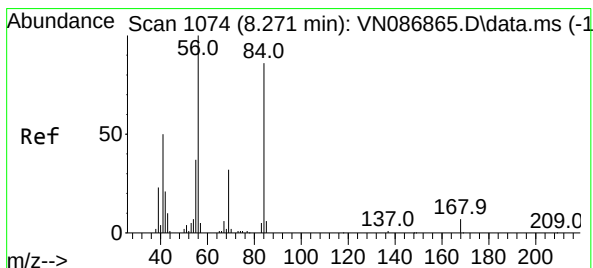
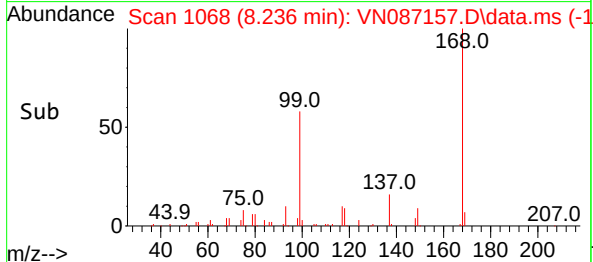
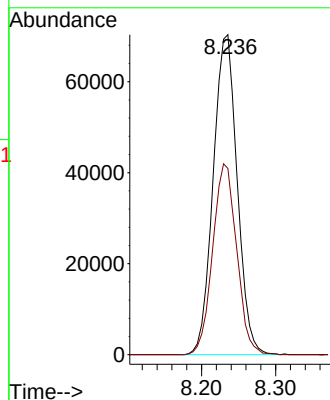
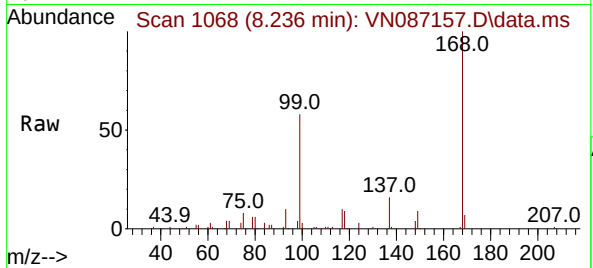




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.236 min Scan# 1068
Delta R.T. -0.001 min
Lab File: VN087157.D
Acq: 24 Jun 2025 15:28

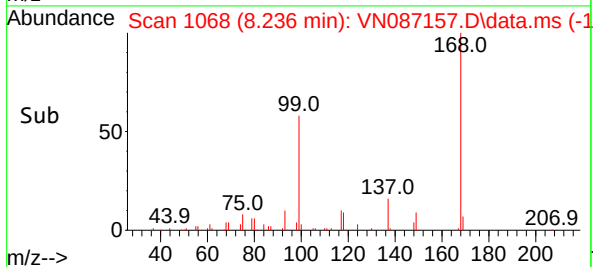
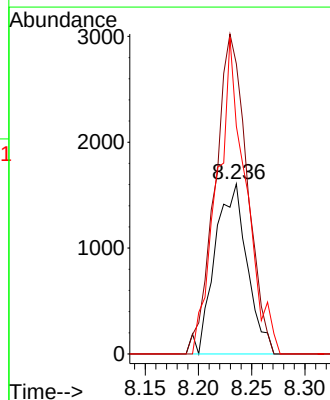
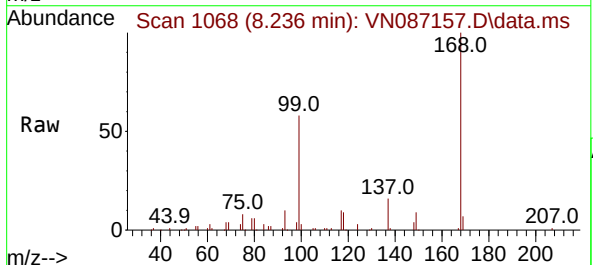
Instrument :
MSVOA_N
ClientSampleId :
IBLK

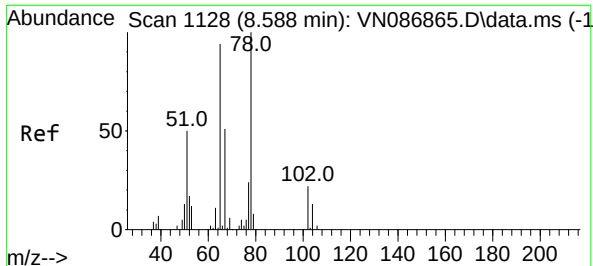
Tgt Ion:168 Resp: 158318
Ion Ratio Lower Upper
168 100
99 58.2 49.1 73.7



#31
Cyclohexane
Concen: 0.987 ug/l
RT: 8.236 min Scan# 1068
Delta R.T. -0.035 min
Lab File: VN087157.D
Acq: 24 Jun 2025 15:28

Tgt Ion: 56 Resp: 3392
Ion Ratio Lower Upper
56 100
69 170.6 25.4 38.0#
84 133.9 68.8 103.2#





#33

1,2-Dichloroethane-d4

Concen: 60.986 ug/l

RT: 8.588 min Scan# 1128

Delta R.T. -0.000 min

Lab File: VN087157.D

Acq: 24 Jun 2025 15:28

Instrument :

MSVOA_N

ClientSampleId :

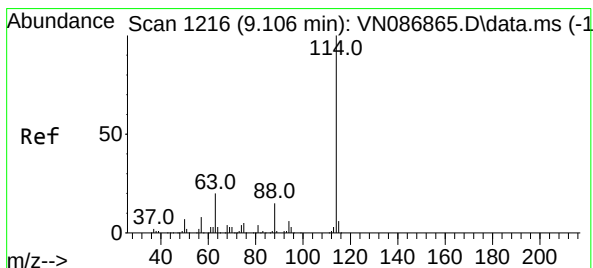
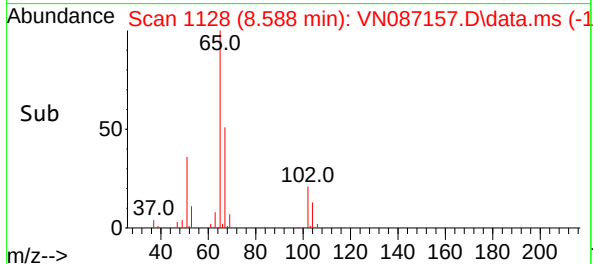
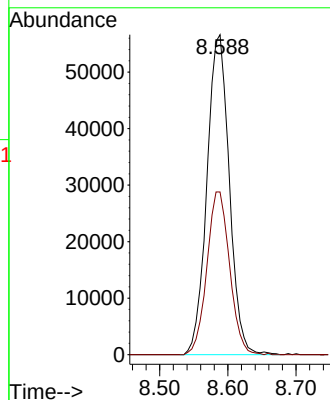
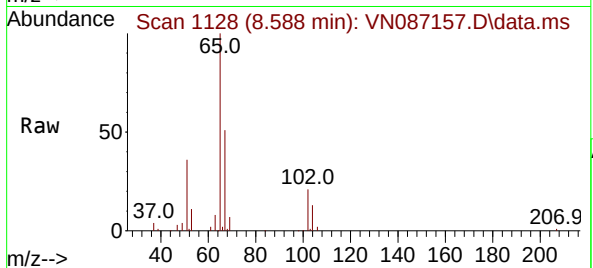
IBLK

Tgt Ion: 65 Resp: 129273

Ion Ratio Lower Upper

65 100

67 51.7 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: VN087157.D

Acq: 24 Jun 2025 15:28

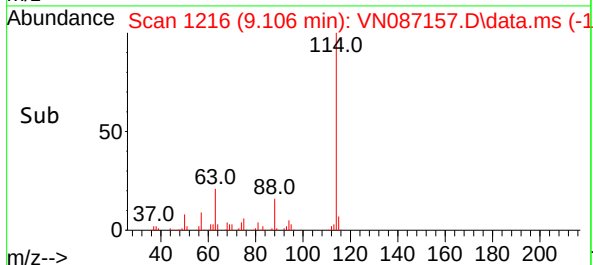
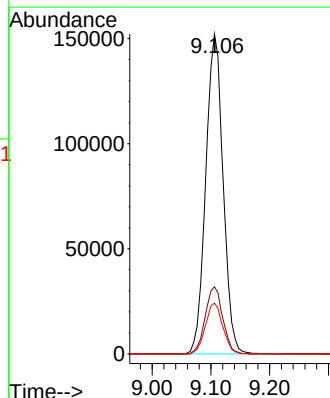
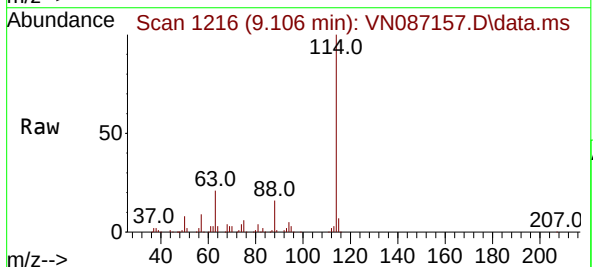
Tgt Ion: 114 Resp: 312326

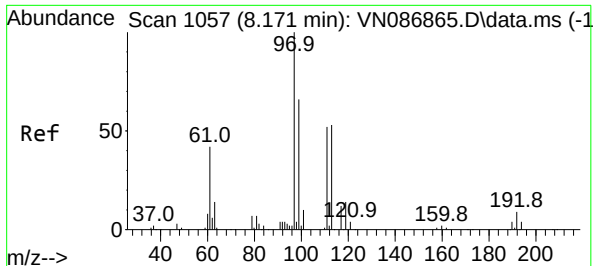
Ion Ratio Lower Upper

114 100

63 21.0 0.0 39.6

88 15.9 0.0 30.2

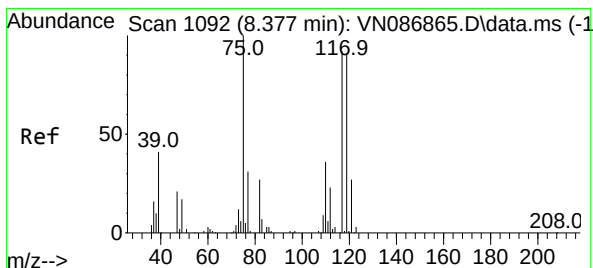
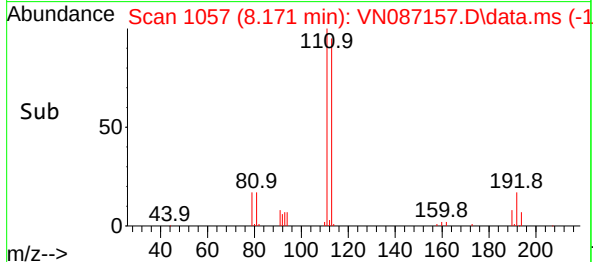
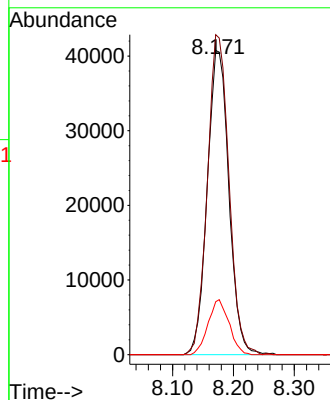
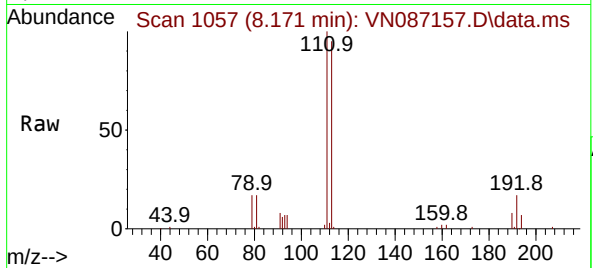




#35
Dibromofluoromethane
Concen: 54.390 ug/l
RT: 8.171 min Scan# 1067
Delta R.T. -0.000 min
Lab File: VN087157.D
Acq: 24 Jun 2025 15:28

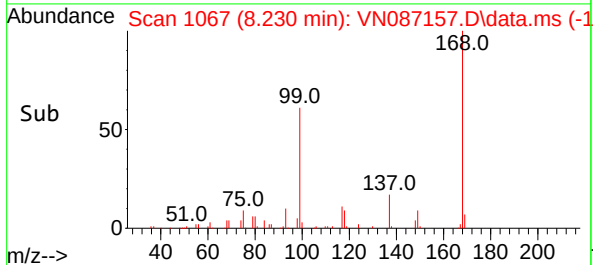
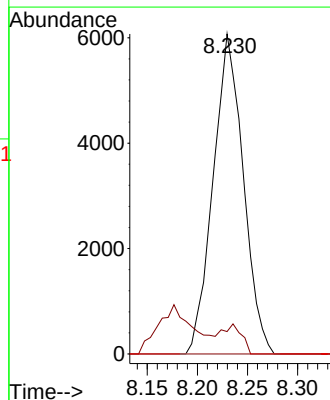
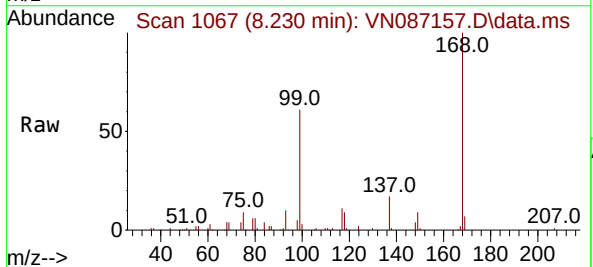
Instrument :
MSVOA_N
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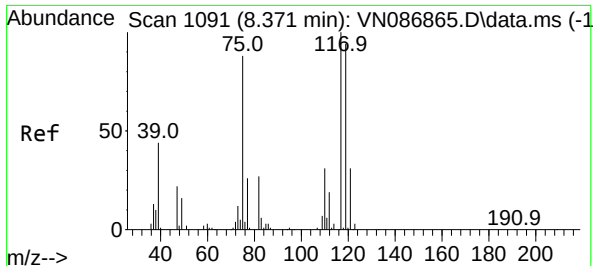
Tgt Ion:113 Resp: 100672
Ion Ratio Lower Upper
113 100
111 104.5 84.2 126.2
192 17.5 14.2 21.4



#36
1,1-Dichloropropene
Concen: 4.604 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.147 min
Lab File: VN087157.D
Acq: 24 Jun 2025 15:28

Tgt Ion: 75 Resp: 12699
Ion Ratio Lower Upper
75 100
110 6.0 17.6 52.9#
77 0.0 25.3 37.9#

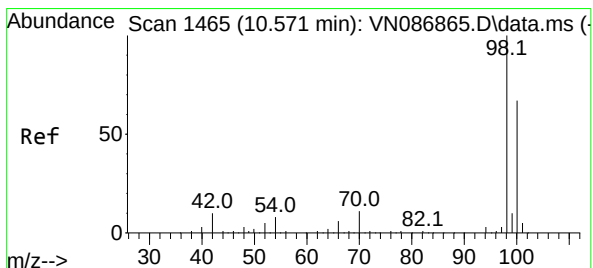
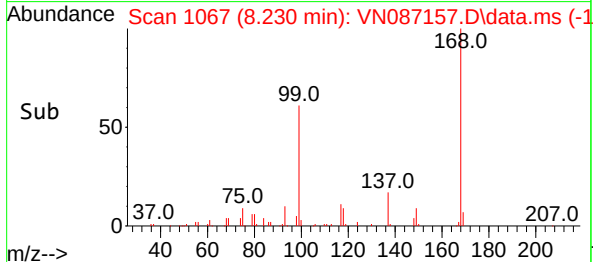
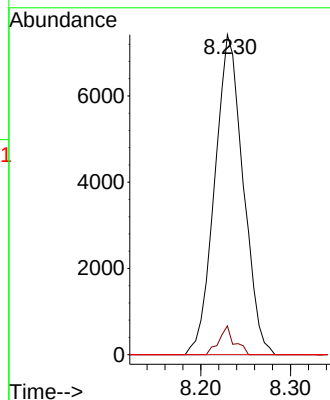
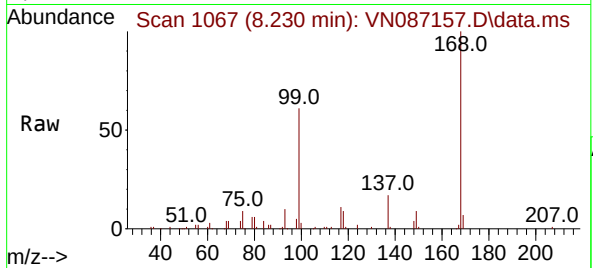




#38
Carbon Tetrachloride
Concen: 6.038 ug/l
RT: 8.230 min Scan# 1091
Delta R.T. -0.141 min
Lab File: VN087157.D
Acq: 24 Jun 2025 15:28

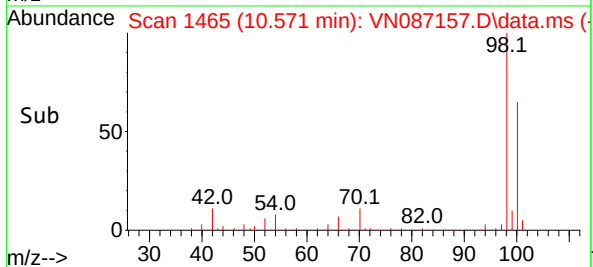
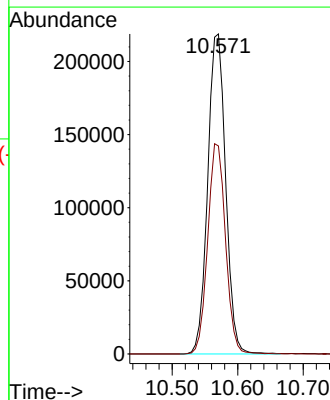
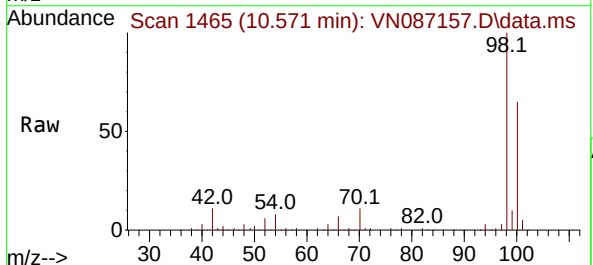
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MSVOA_N
ClientSampleId :
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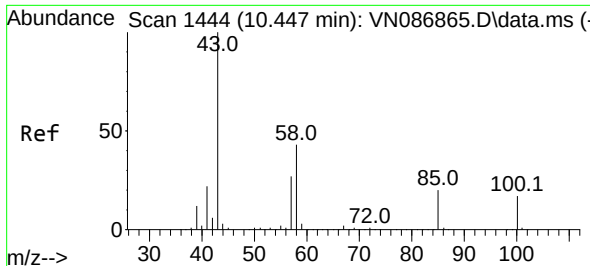
Tgt Ion:117 Resp: 16349
Ion Ratio Lower Upper
117 100
119 9.0 75.0 112.6#
121 0.0 24.9 37.3#



#50
Toluene-d8
Concen: 56.924 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN087157.D
Acq: 24 Jun 2025 15:28

Tgt Ion: 98 Resp: 417101
Ion Ratio Lower Upper
98 100
100 65.2 53.4 80.0

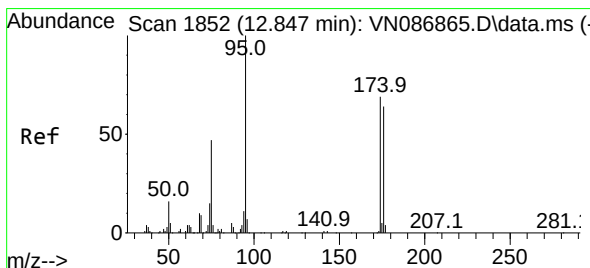
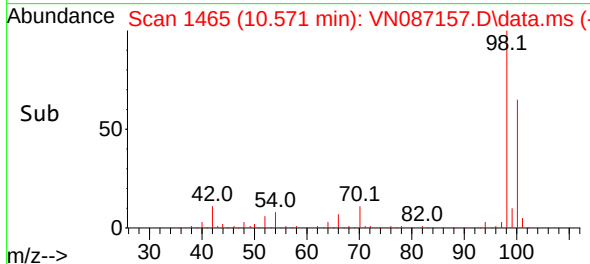
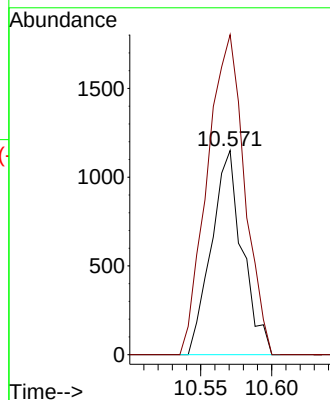
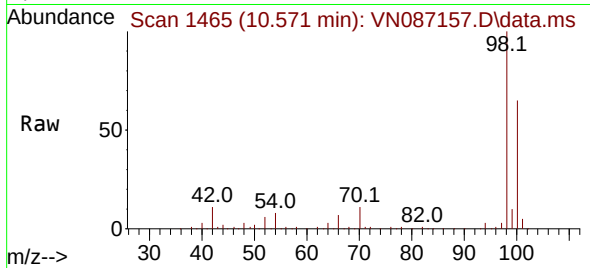




#51
4-Methyl-2-Pentanone
Concen: 0.515 ug/l
RT: 10.571 min Scan# 1444
Delta R.T. 0.123 min
Lab File: VN087157.D
Acq: 24 Jun 2025 15:28

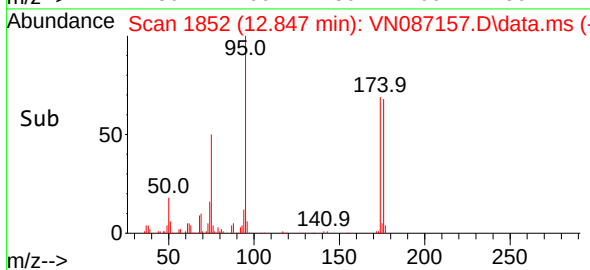
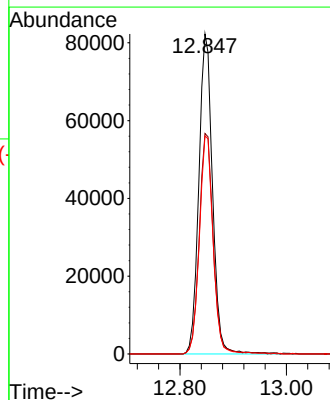
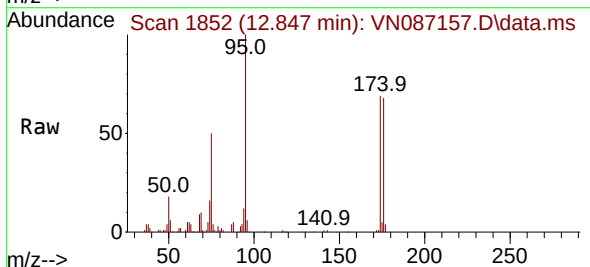
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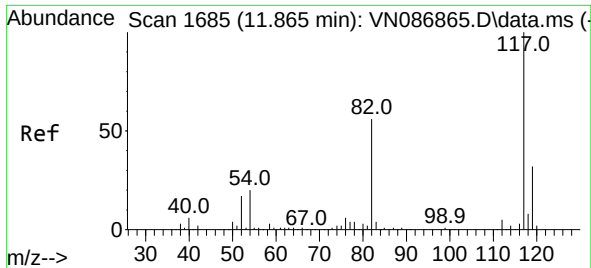
Tgt Ion: 43 Resp: 1747
Ion Ratio Lower Upper
43 100
58 188.5 34.2 51.4#



#62
4-Bromofluorobenzene
Concen: 53.702 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN087157.D
Acq: 24 Jun 2025 15:28

Tgt Ion: 95 Resp: 146192
Ion Ratio Lower Upper
95 100
174 69.9 0.0 141.8
176 68.5 0.0 132.6

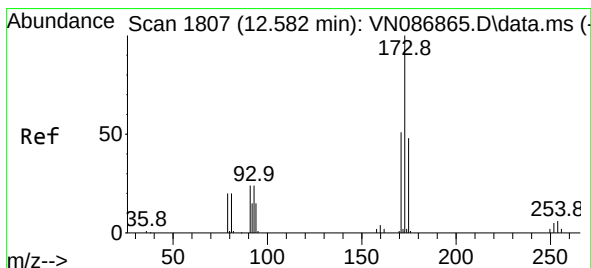
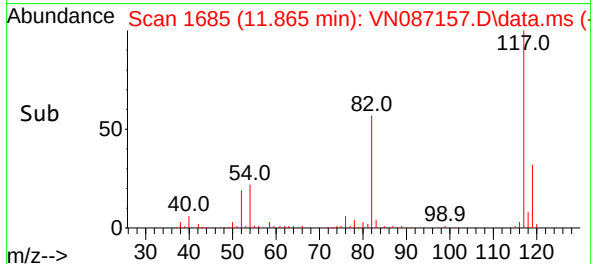
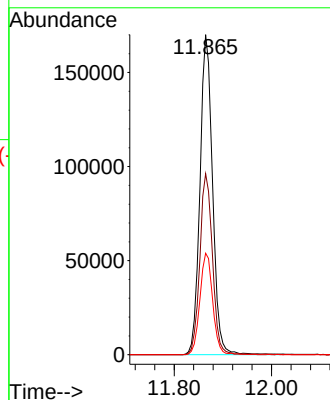
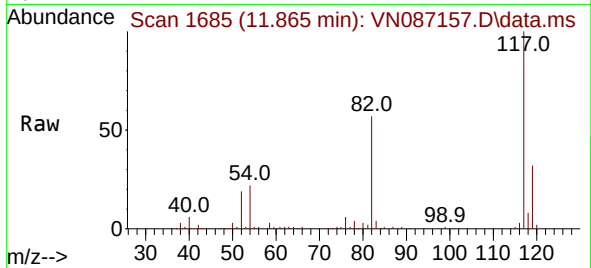




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN087157.D
Acq: 24 Jun 2025 15:28

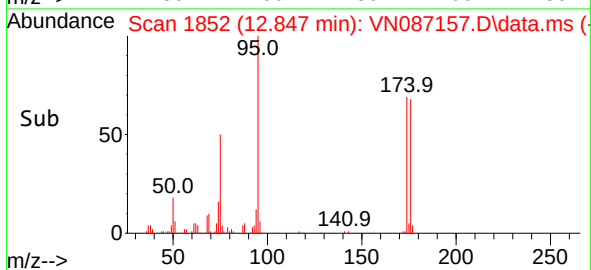
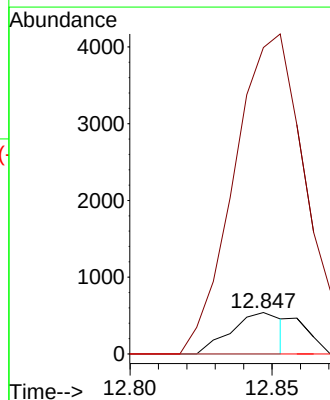
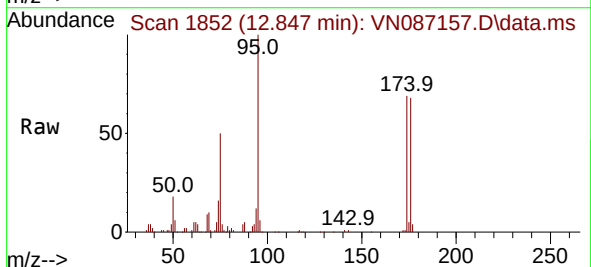
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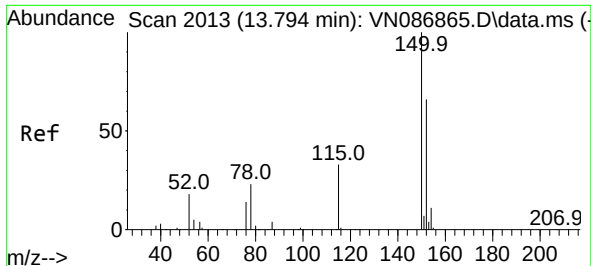
Tgt Ion:117 Resp: 306418
Ion Ratio Lower Upper
117 100
82 56.6 44.6 67.0
119 31.7 25.5 38.3



#71
Bromoform
Concen: 0.421 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.265 min
Lab File: VN087157.D
Acq: 24 Jun 2025 15:28

Tgt Ion:173 Resp: 677
Ion Ratio Lower Upper
173 100
175 930.4 24.1 72.4#
254 0.0 0.0 0.0

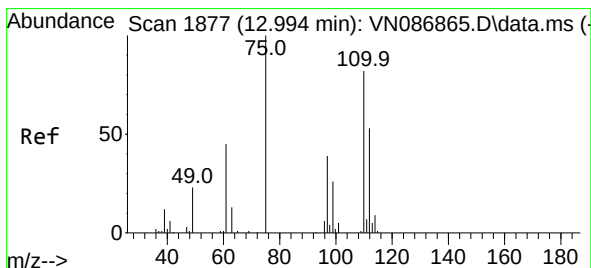
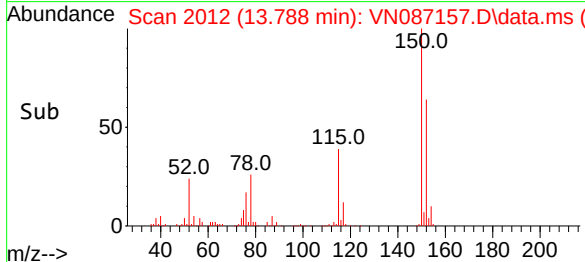
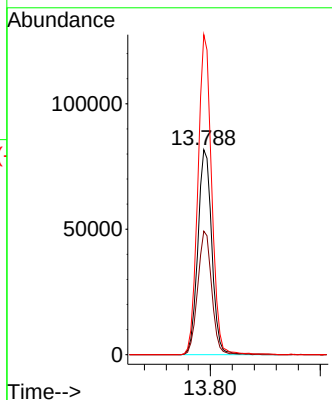
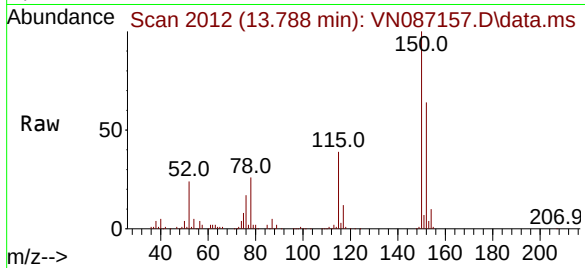




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.788 min Scan# 20
 Delta R.T. -0.006 min
 Lab File: VN087157.D
 Acq: 24 Jun 2025 15:28

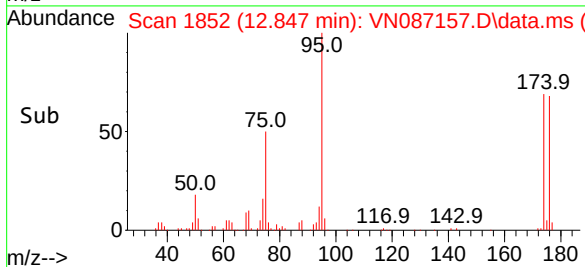
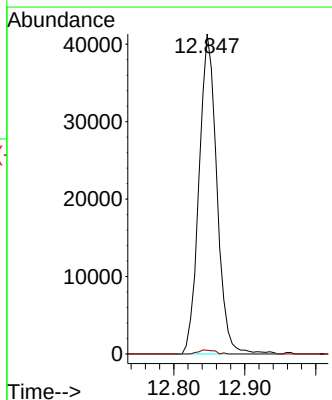
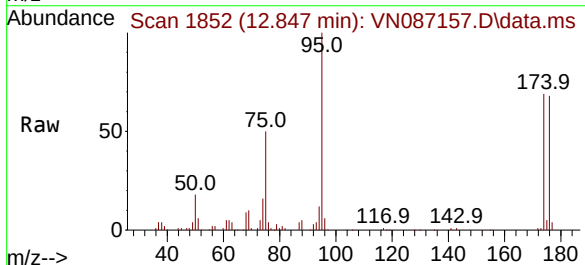
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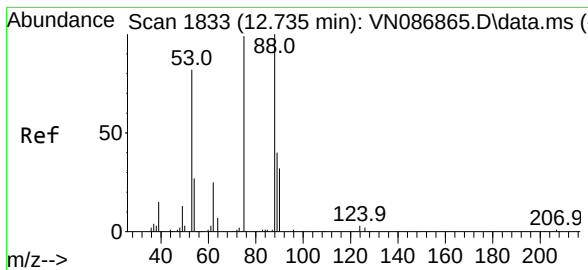
Tgt Ion:152 Resp: 143964
 Ion Ratio Lower Upper
 152 100
 115 60.4 30.1 90.5
 150 153.9 0.0 345.0



#76
 1,2,3-Trichloropropane
 Concen: 21.152 ug/l
 RT: 12.847 min Scan# 1852
 Delta R.T. -0.147 min
 Lab File: VN087157.D
 Acq: 24 Jun 2025 15:28

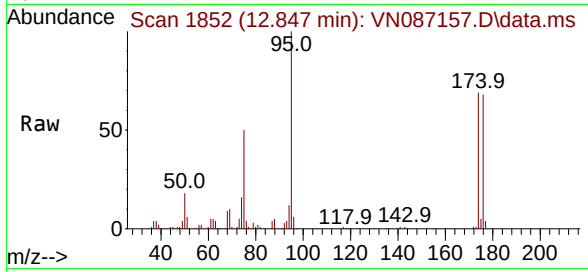
Tgt Ion: 75 Resp: 72385
 Ion Ratio Lower Upper
 75 100
 77 1.2 79.3 237.9#





#81
trans-1,4-Dichloro-2-butene
Concen: 48.692 ug/l
RT: 12.847 min Scan# 11
Delta R.T. 0.112 min
Lab File: VN087157.D
Acq: 24 Jun 2025 15:28

Instrument :
MSVOA_N
ClientSampleId :
IBLK



Tgt Ion	Ratio	Lower	Upper
75	100		
53	0.0	66.6	99.8#
89	0.0	36.7	55.1#

