

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061725\
 Data File : VN087047.D
 Acq On : 17 Jun 2025 10:20
 Operator : JC\MD
 Sample : VN0617WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0617WBL01

Quant Time: Jun 18 01:43:00 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)

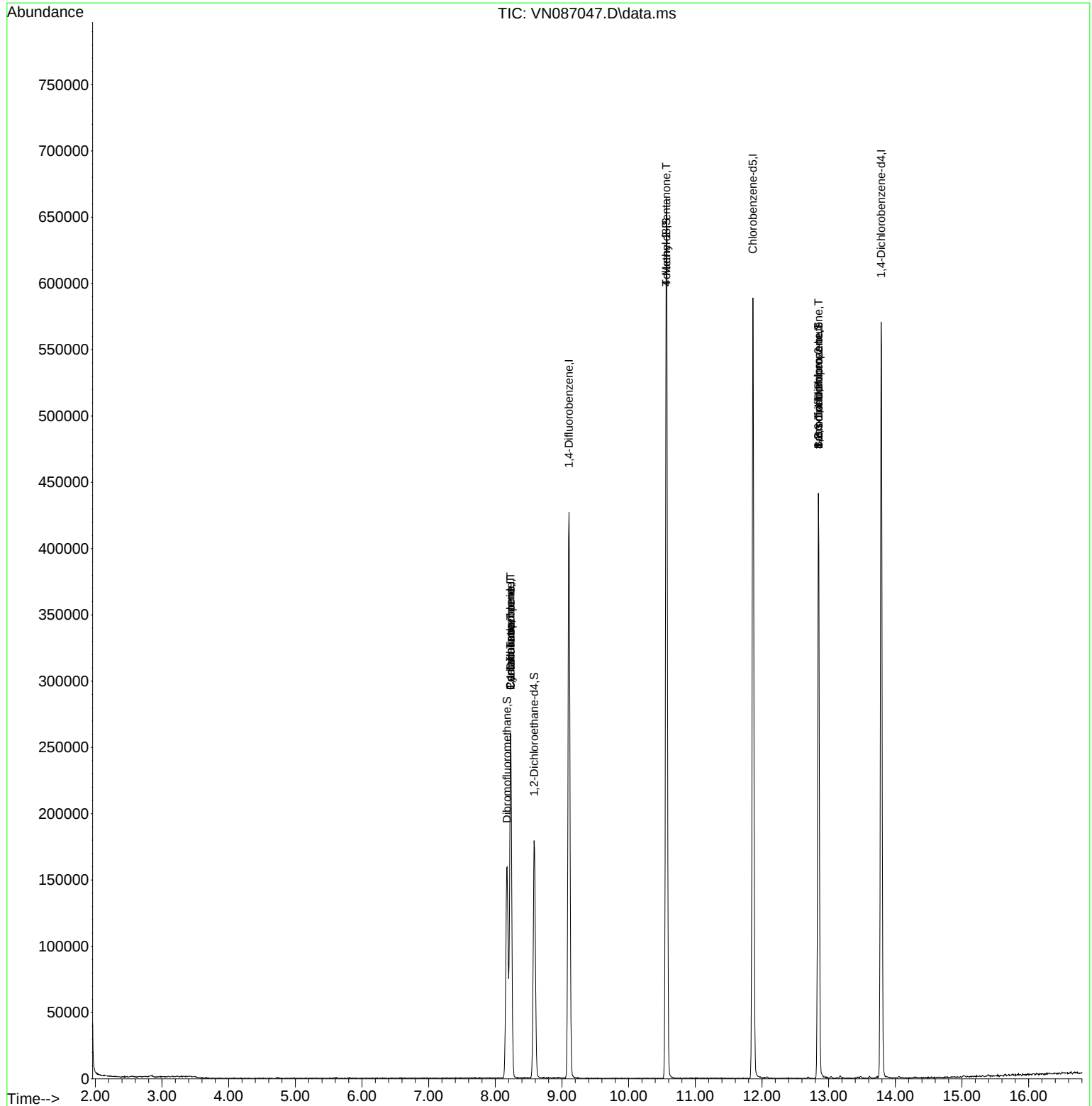
Internal Standards						
1) Pentafluorobenzene	8.229	168	200915	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	403651	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	368689	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	170553	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	148580	55.234	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	= 110.460%		
35) Dibromofluoromethane	8.177	113	126383	52.833	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 105.660%		
50) Toluene-d8	10.565	98	504769	53.303	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	= 106.600%		
62) 4-Bromofluorobenzene	12.847	95	176121	50.058	ug/l	0.00
Spiked Amount	50.000	Range 77 - 121	Recovery	= 100.120%		
Target Compounds						
					Qvalue	
31) Cyclohexane	8.229	56	3515	0.806	ug/l #	1
36) 1,1-Dichloropropene	8.229	75	14923	4.187	ug/l #	47
38) Carbon Tetrachloride	8.229	117	19693	5.627	ug/l #	16
51) 4-Methyl-2-Pentanone	10.565	43	1509	0.344	ug/l #	1
71) Bromoform	12.847	173	997	0.515	ug/l #	1
76) 1,2,3-Trichloropropane	12.847	75	81132	20.012	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	81132	46.067	ug/l #	16

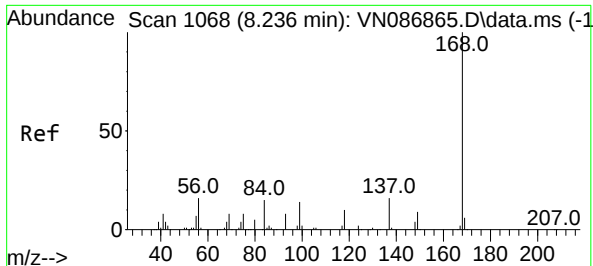
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
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Quant Time: Jun 18 01:43:00 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060625W.M
Quant Title : SW846 8260
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Response via : Initial Calibration

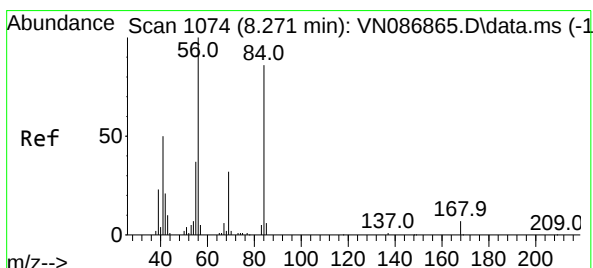
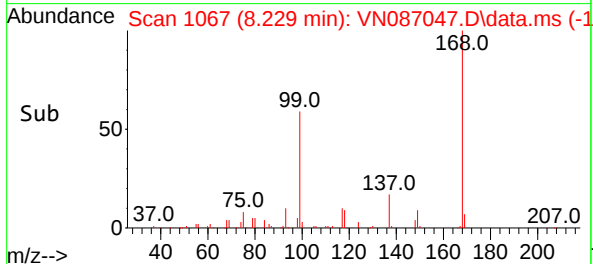
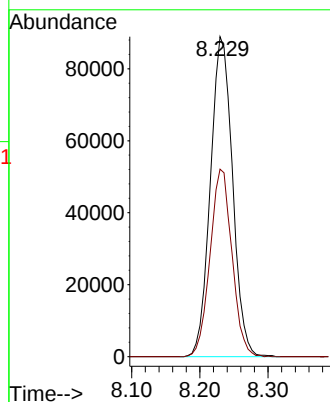
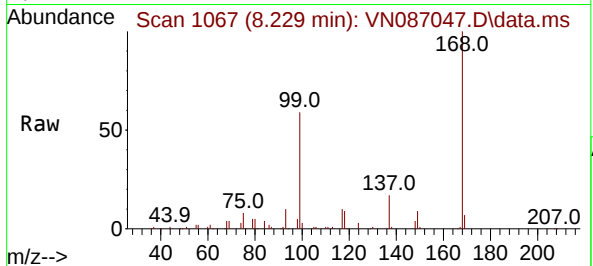




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.229 min Scan# 1067
Delta R.T. -0.007 min
Lab File: VN087047.D
Acq: 17 Jun 2025 10:20

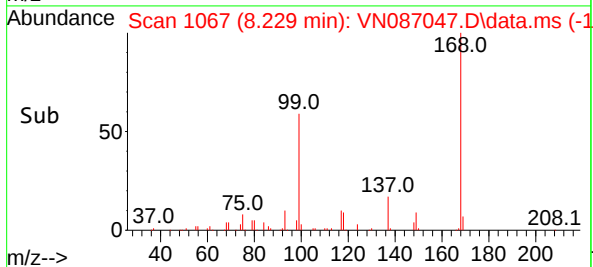
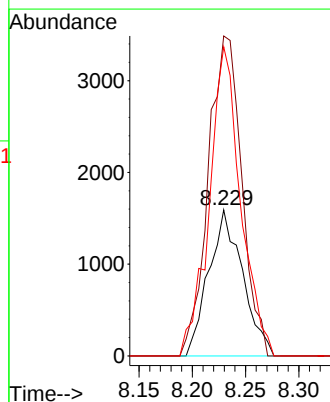
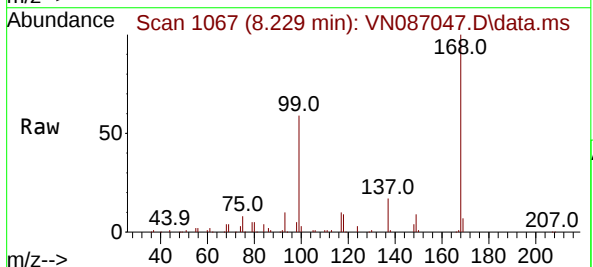
Instrument :
MSVOA_N
ClientSampleId :
VN0617WBL01

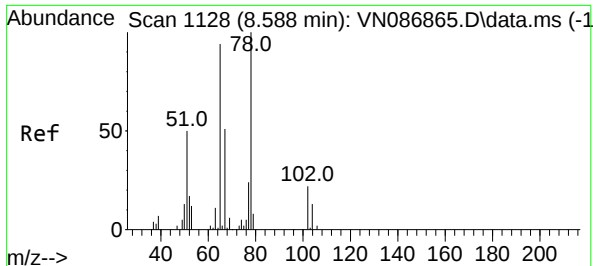
Tgt Ion:168 Resp: 200915
Ion Ratio Lower Upper
168 100
99 58.6 49.1 73.7



#31
Cyclohexane
Concen: 0.806 ug/l
RT: 8.229 min Scan# 1067
Delta R.T. -0.041 min
Lab File: VN087047.D
Acq: 17 Jun 2025 10:20

Tgt Ion: 56 Resp: 3515
Ion Ratio Lower Upper
56 100
69 219.0 25.4 38.0#
84 211.5 68.8 103.2#





#33

1,2-Dichloroethane-d4

Concen: 55.234 ug/l

RT: 8.582 min Scan# 1128

Delta R.T. -0.006 min

Lab File: VN087047.D

Acq: 17 Jun 2025 10:20

Instrument :

MSVOA_N

ClientSampleId :

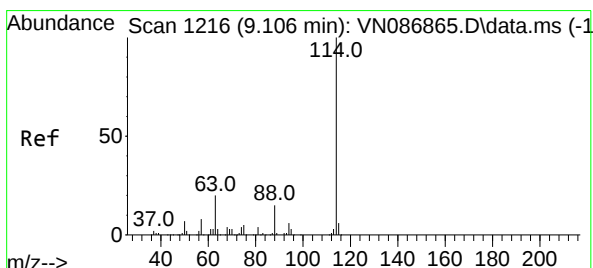
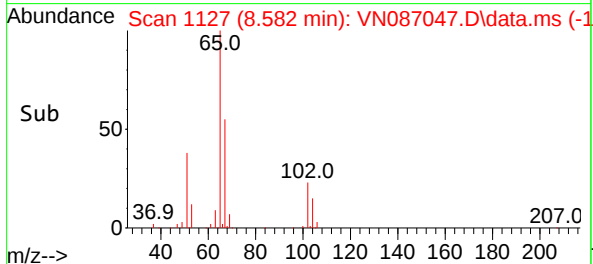
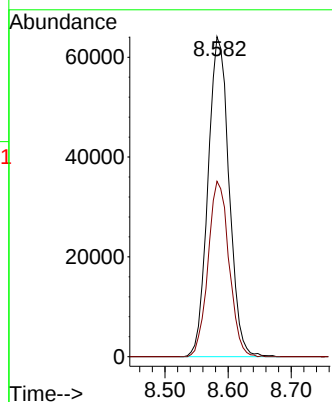
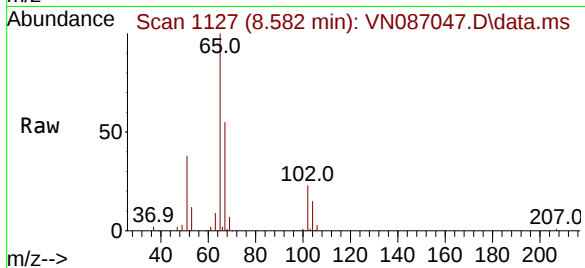
VN0617WBL01

Tgt Ion: 65 Resp: 148580

Ion Ratio Lower Upper

65 100

67 54.4 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: VN087047.D

Acq: 17 Jun 2025 10:20

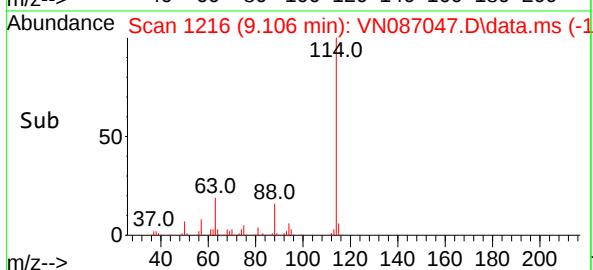
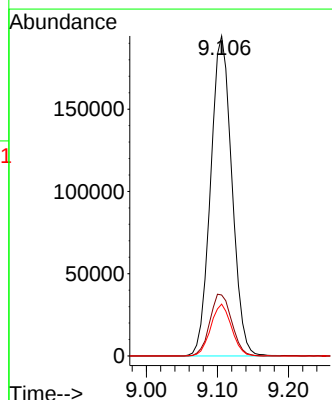
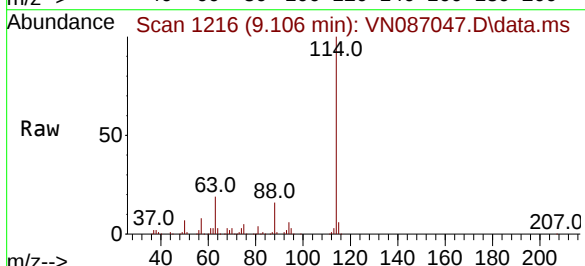
Tgt Ion: 114 Resp: 403651

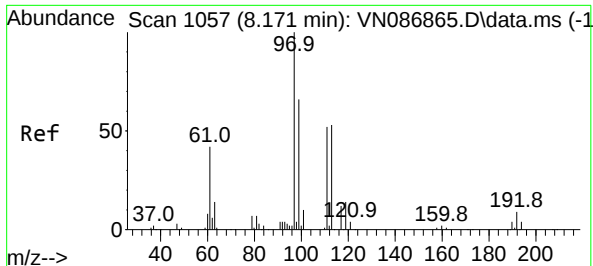
Ion Ratio Lower Upper

114 100

63 19.0 0.0 39.6

88 16.2 0.0 30.2





#35

Dibromofluoromethane

Concen: 52.833 ug/l

RT: 8.177 min Scan# 1057

Delta R.T. 0.006 min

Lab File: VN087047.D

Acq: 17 Jun 2025 10:20

Instrument :

MSVOA_N

ClientSampleId :

VN0617WBL01

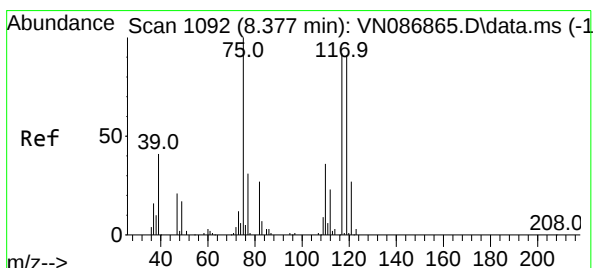
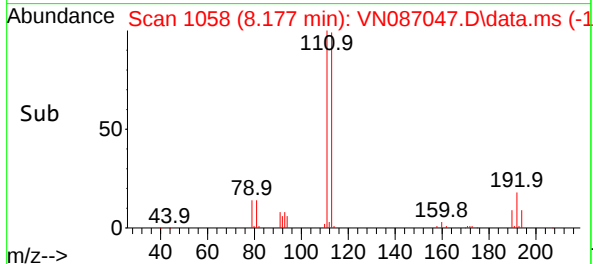
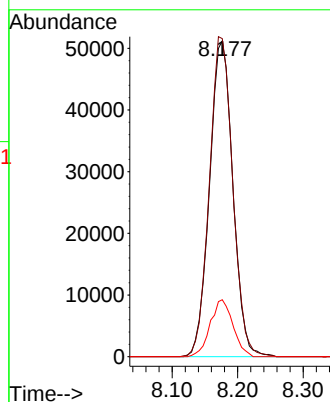
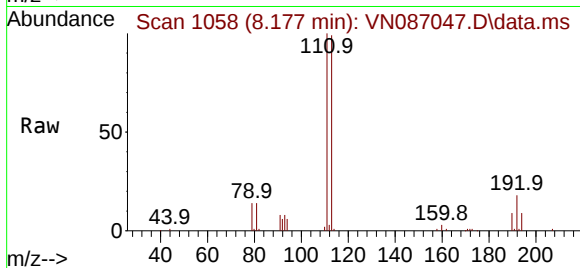
Tgt Ion:113 Resp: 126383

Ion Ratio Lower Upper

113 100

111 101.3 84.2 126.2

192 17.6 14.2 21.4



#36

1,1-Dichloropropene

Concen: 4.187 ug/l

RT: 8.229 min Scan# 1067

Delta R.T. -0.147 min

Lab File: VN087047.D

Acq: 17 Jun 2025 10:20

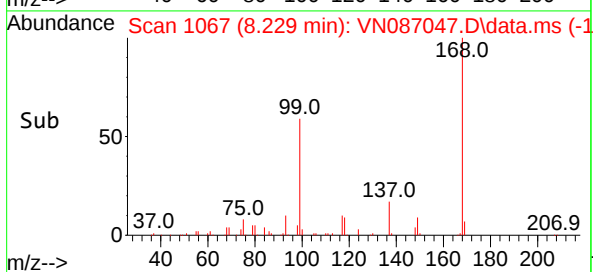
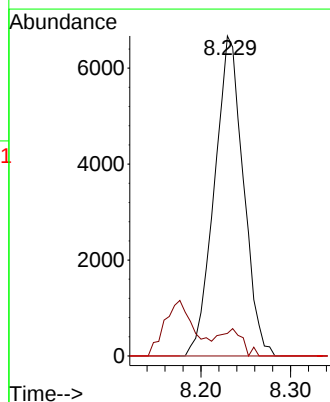
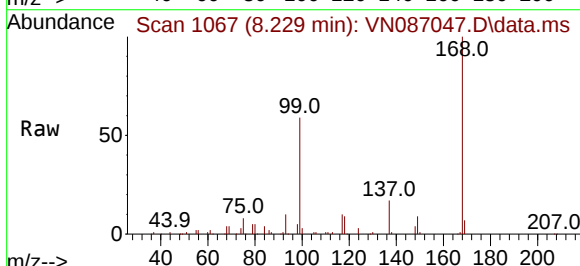
Tgt Ion: 75 Resp: 14923

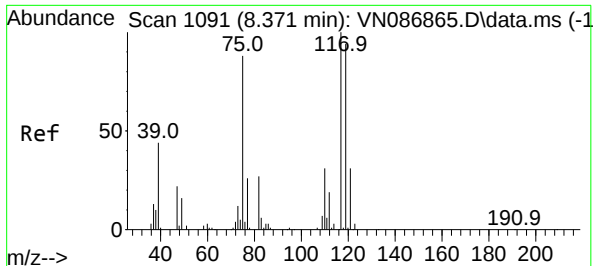
Ion Ratio Lower Upper

75 100

110 6.9 17.6 52.9#

77 0.0 25.3 37.9#

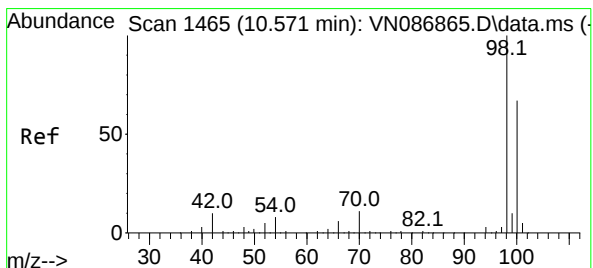
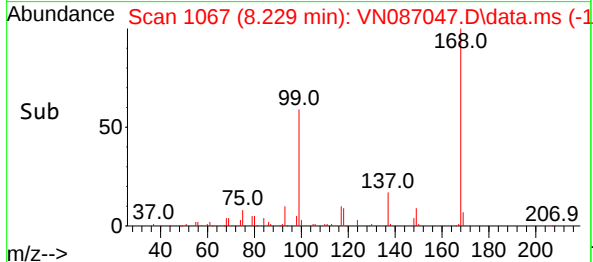
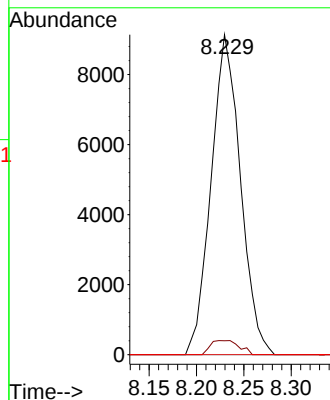
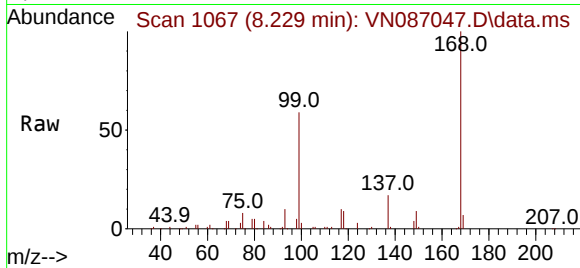




#38
Carbon Tetrachloride
Concen: 5.627 ug/l
RT: 8.229 min Scan# 1091
Delta R.T. -0.141 min
Lab File: VN087047.D
Acq: 17 Jun 2025 10:20

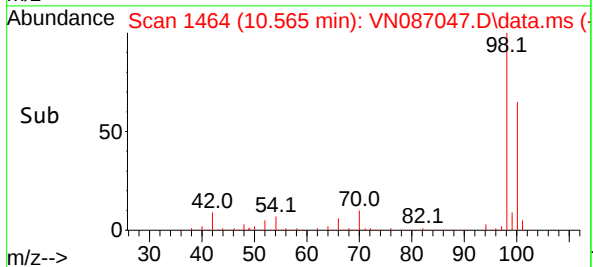
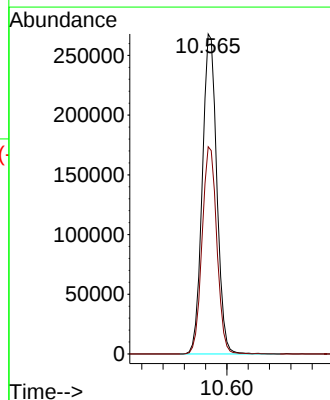
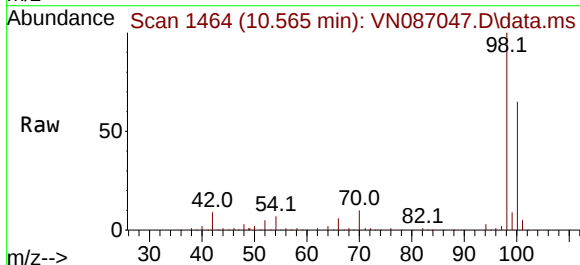
Instrument :
MSVOA_N
ClientSampleId :
VN0617WBL01

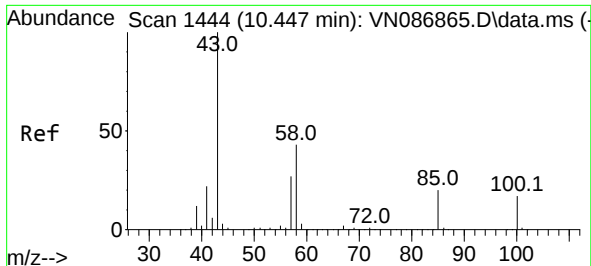
Tgt Ion:117 Resp: 19693
Ion Ratio Lower Upper
117 100
119 4.3 75.0 112.6#
121 0.0 24.9 37.3#



#50
Toluene-d8
Concen: 53.303 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.006 min
Lab File: VN087047.D
Acq: 17 Jun 2025 10:20

Tgt Ion: 98 Resp: 504769
Ion Ratio Lower Upper
98 100
100 65.8 53.4 80.0

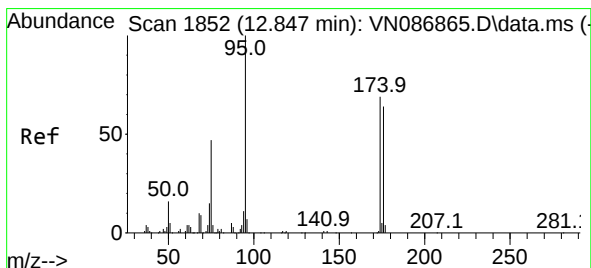
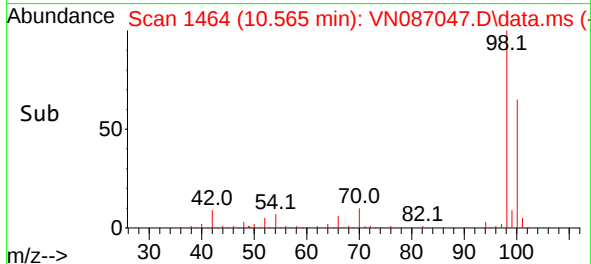
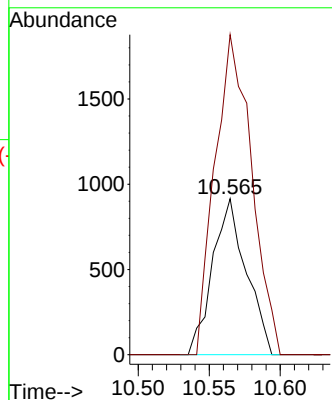
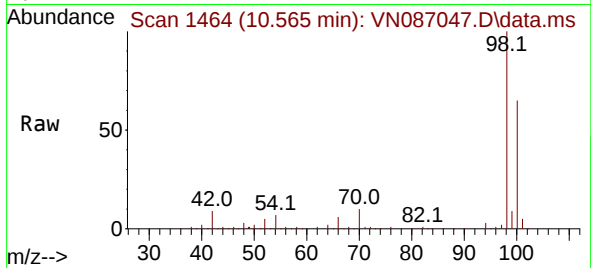




#51
4-Methyl-2-Pentanone
Concen: 0.344 ug/l
RT: 10.565 min Scan# 1444
Delta R.T. 0.117 min
Lab File: VN087047.D
Acq: 17 Jun 2025 10:20

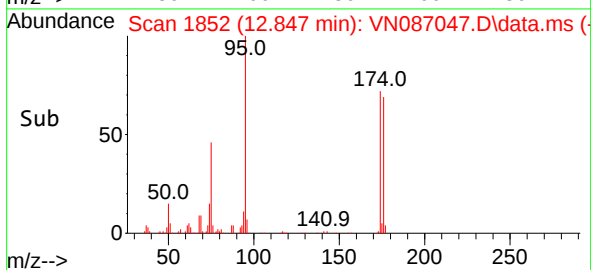
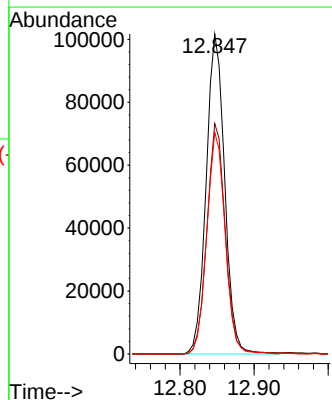
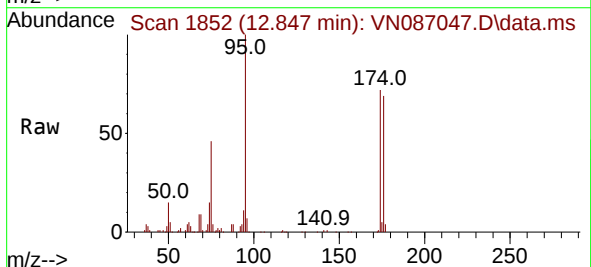
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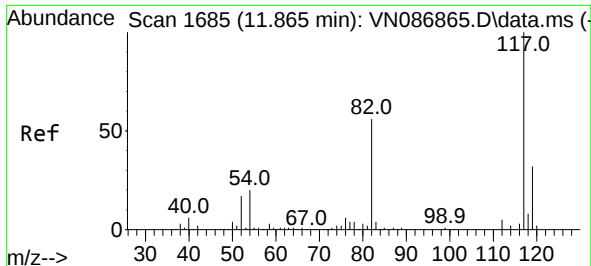
Tgt Ion: 43 Resp: 1509
Ion Ratio Lower Upper
43 100
58 223.4 34.2 51.4#



#62
4-Bromofluorobenzene
Concen: 50.058 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN087047.D
Acq: 17 Jun 2025 10:20

Tgt Ion: 95 Resp: 176121
Ion Ratio Lower Upper
95 100
174 71.5 0.0 141.8
176 68.7 0.0 132.6

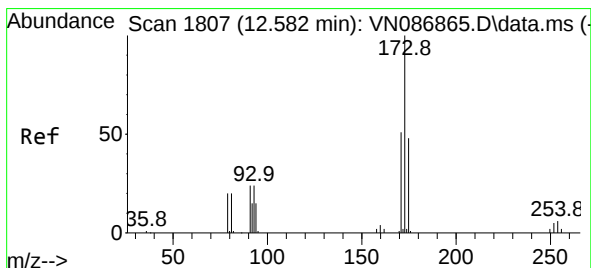
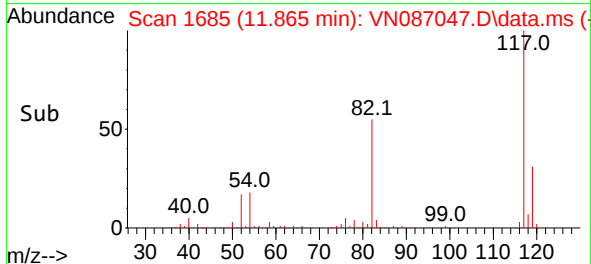
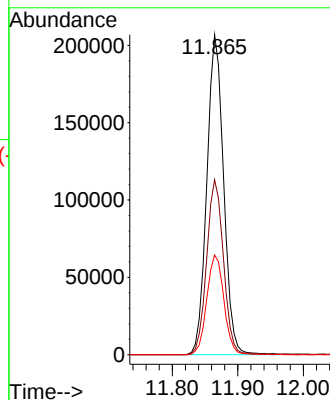
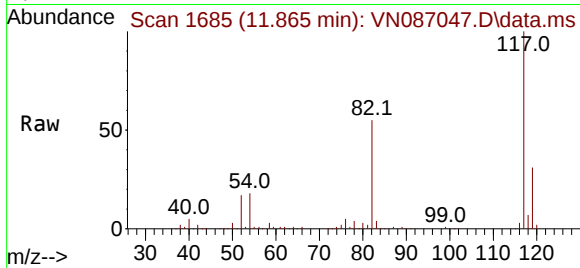




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN087047.D
Acq: 17 Jun 2025 10:20

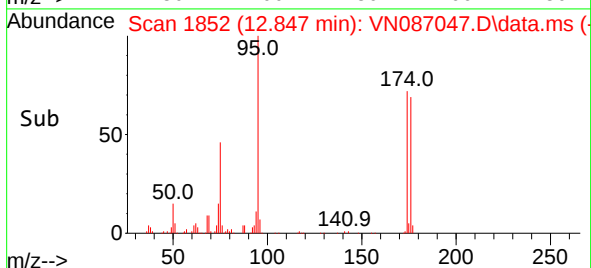
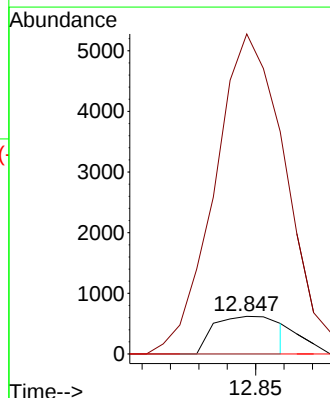
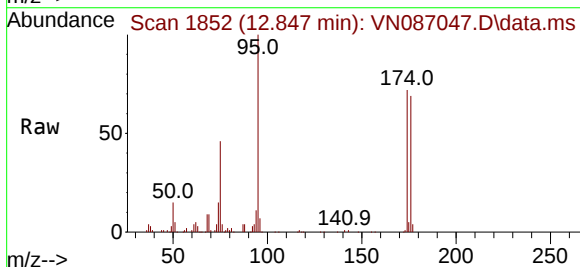
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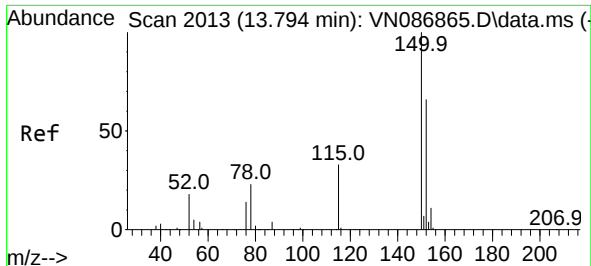
Tgt Ion:117 Resp: 368689
Ion Ratio Lower Upper
117 100
82 54.7 44.6 67.0
119 31.2 25.5 38.3



#71
Bromoform
Concen: 0.515 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.264 min
Lab File: VN087047.D
Acq: 17 Jun 2025 10:20

Tgt Ion:173 Resp: 997
Ion Ratio Lower Upper
173 100
175 806.8 24.1 72.4#
254 0.0 0.0 0.0

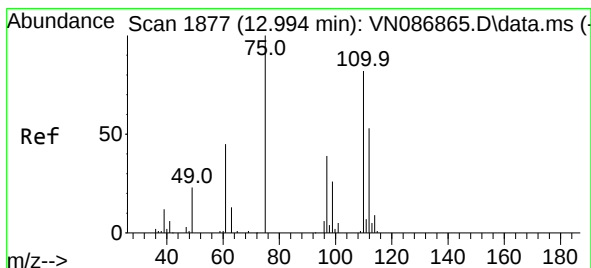
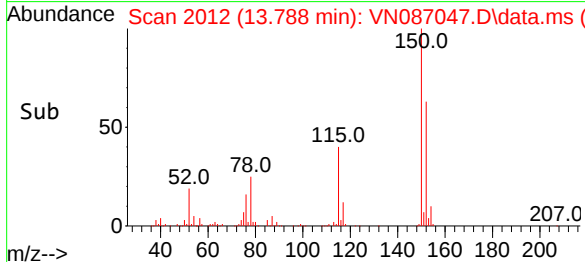
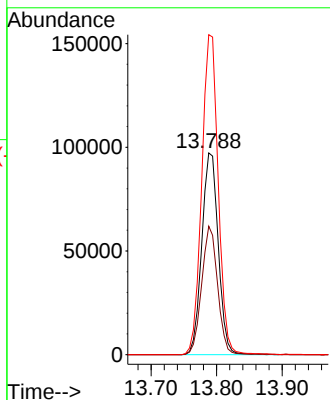
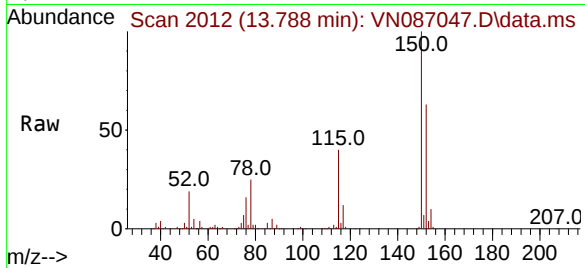




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.788 min Scan# 20
 Delta R.T. -0.006 min
 Lab File: VN087047.D
 Acq: 17 Jun 2025 10:20

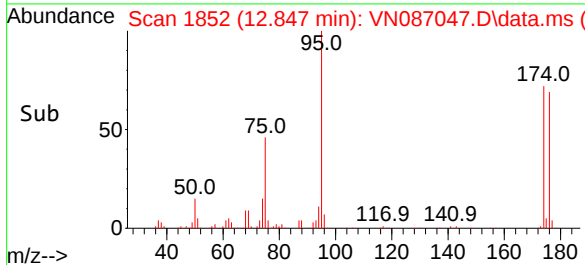
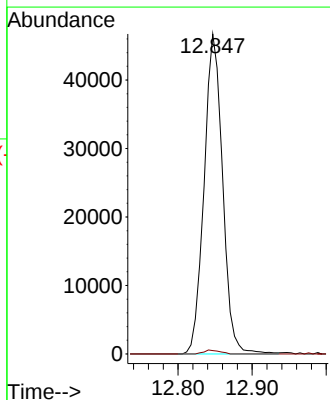
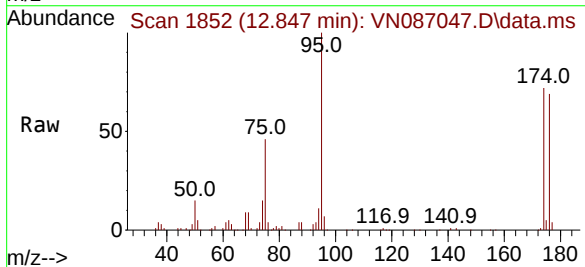
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0617WBL01

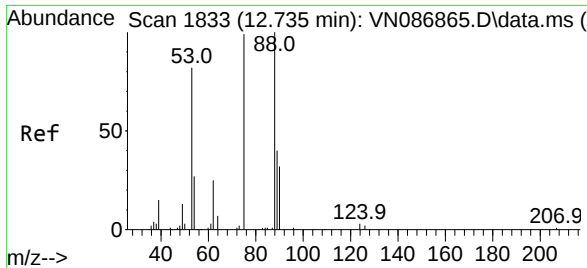
Tgt Ion:152 Resp: 170553
 Ion Ratio Lower Upper
 152 100
 115 61.4 30.1 90.5
 150 158.6 0.0 345.0



#76
 1,2,3-Trichloropropane
 Concen: 20.012 ug/l
 RT: 12.847 min Scan# 1852
 Delta R.T. -0.147 min
 Lab File: VN087047.D
 Acq: 17 Jun 2025 10:20

Tgt Ion: 75 Resp: 81132
 Ion Ratio Lower Upper
 75 100
 77 1.0 79.3 237.9#





#81
trans-1,4-Dichloro-2-butene
Concen: 46.067 ug/l
RT: 12.847 min Scan# 1833
Delta R.T. 0.112 min
Lab File: VN087047.D
Acq: 17 Jun 2025 10:20

Instrument :
MSVOA_N
ClientSampleId :
VN0617WBL01

Tgt Ion: 75 Resp: 81132
Ion Ratio Lower Upper
75 100
53 0.0 66.6 99.8#
89 0.0 36.7 55.1#

