

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061825\
 Data File : VN087076.D
 Acq On : 18 Jun 2025 11:46
 Operator : JC\MD
 Sample : VN0618WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0618WBL01

Quant Time: Jun 19 01:24:25 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)

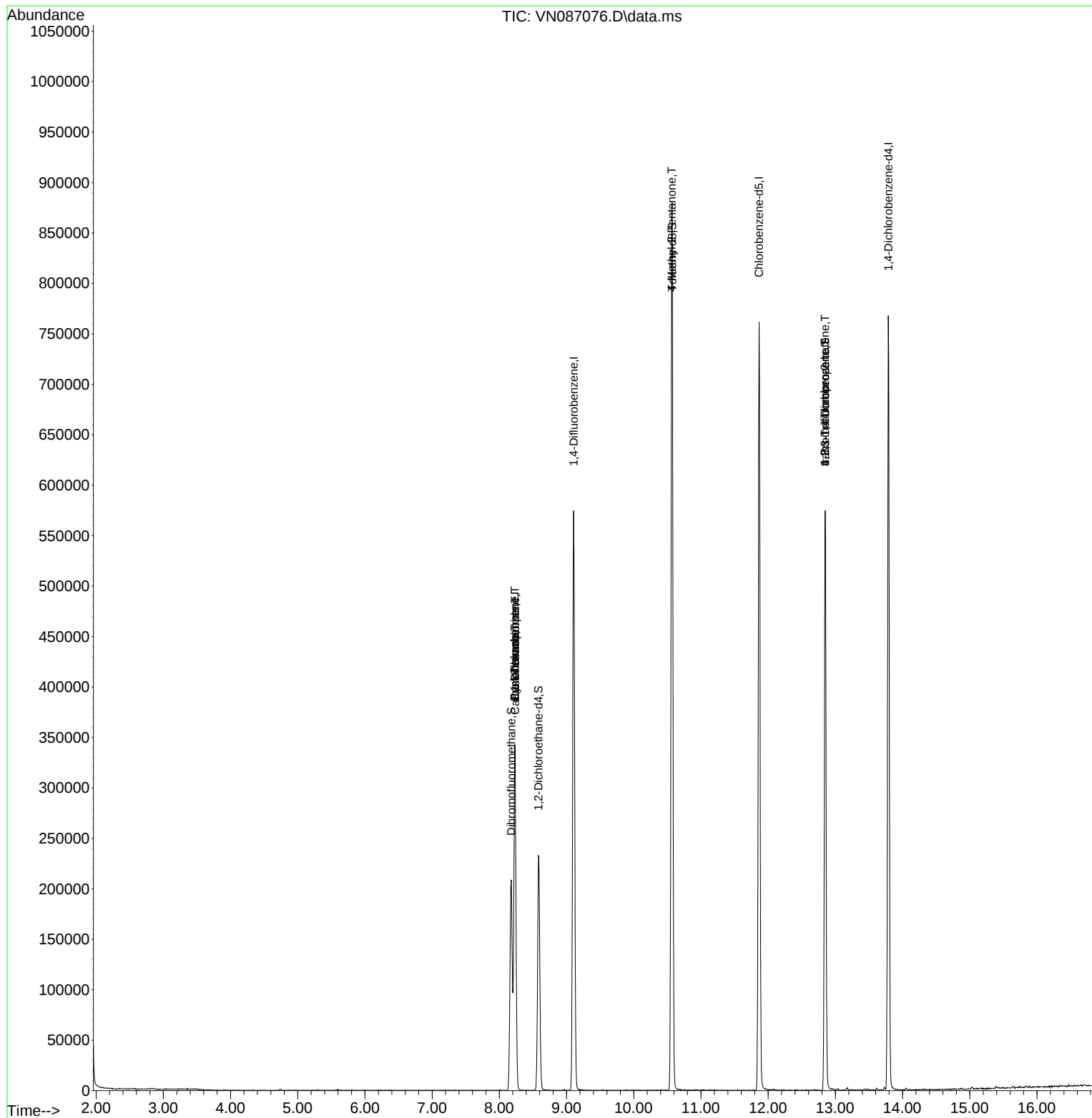
Internal Standards						
1) Pentafluorobenzene	8.229	168	270298	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	541331	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	486295	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	227513	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	190055	52.516	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 105.040%			
35) Dibromofluoromethane	8.177	113	162627	50.693	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 101.380%			
50) Toluene-d8	10.570	98	664885	52.354	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 104.700%			
62) 4-Bromofluorobenzene	12.847	95	232316	49.237	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 98.480%			
Target Compounds						
					Qvalue	
31) Cyclohexane	8.229	56	4867	0.829	ug/l #	1
36) 1,1-Dichloropropene	8.229	75	20568	4.303	ug/l #	48
38) Carbon Tetrachloride	8.235	117	26135	5.569	ug/l #	16
51) 4-Methyl-2-Pentanone	10.565	43	2141	0.364	ug/l #	1
76) 1,2,3-Trichloropropane	12.847	75	106543	19.701	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	106543	45.350	ug/l #	16

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

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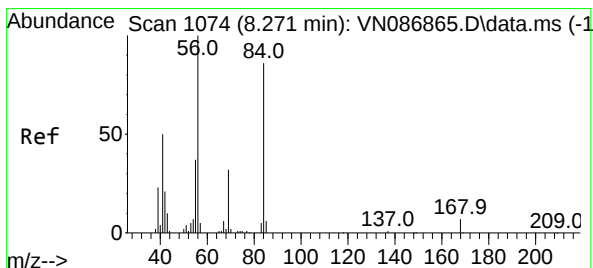
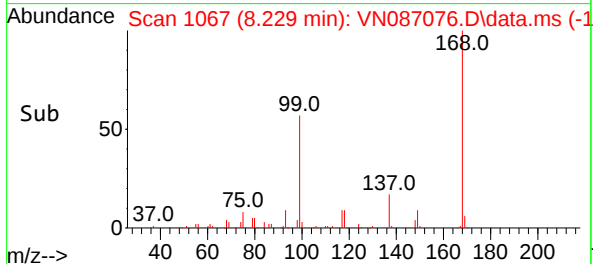
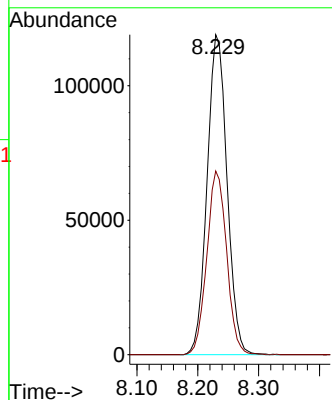
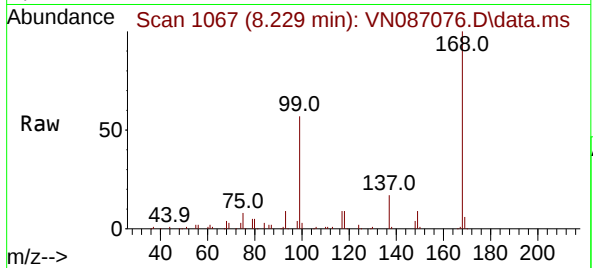




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.229 min Scan# 1067
Delta R.T. -0.007 min
Lab File: VN087076.D
Acq: 18 Jun 2025 11:46

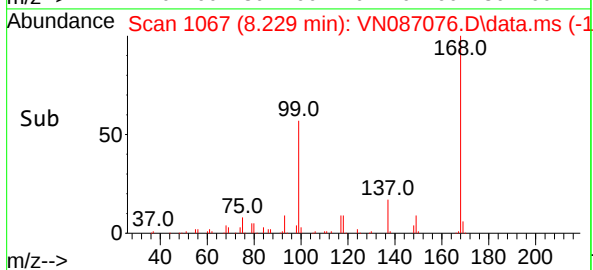
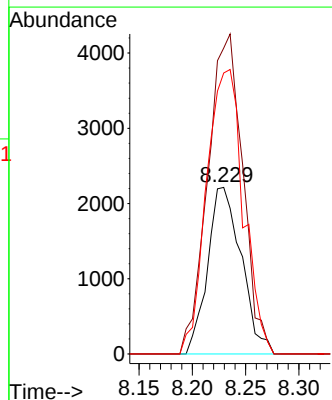
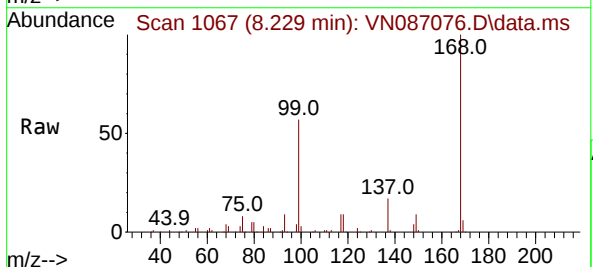
Instrument :
MSVOA_N
ClientSampleId :
VN0618WBL01

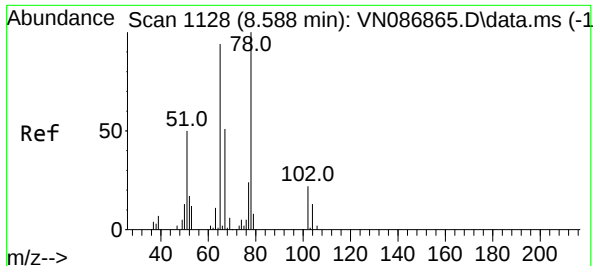
Tgt Ion:168 Resp: 270298
Ion Ratio Lower Upper
168 100
99 57.4 49.1 73.7



#31
Cyclohexane
Concen: 0.829 ug/l
RT: 8.229 min Scan# 1067
Delta R.T. -0.041 min
Lab File: VN087076.D
Acq: 18 Jun 2025 11:46

Tgt Ion: 56 Resp: 4867
Ion Ratio Lower Upper
56 100
69 183.6 25.4 38.0#
84 168.7 68.8 103.2#





#33

1,2-Dichloroethane-d4

Concen: 52.516 ug/l

RT: 8.582 min Scan# 1127

Delta R.T. -0.006 min

Lab File: VN087076.D

Acq: 18 Jun 2025 11:46

Instrument :

MSVOA_N

ClientSampleId :

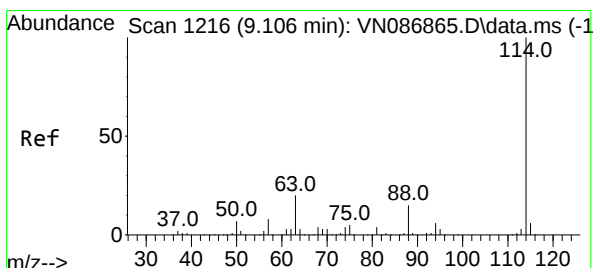
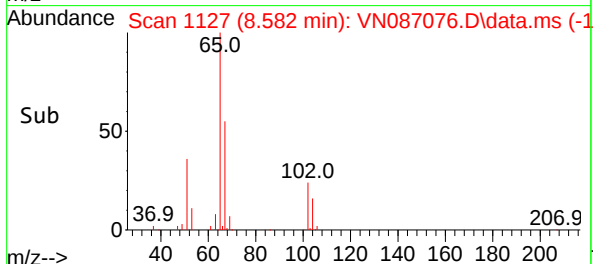
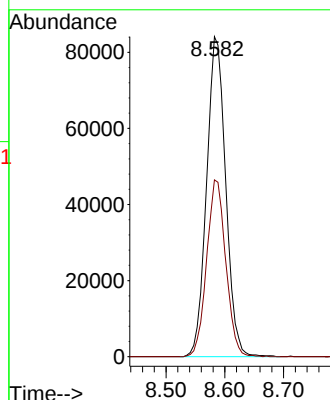
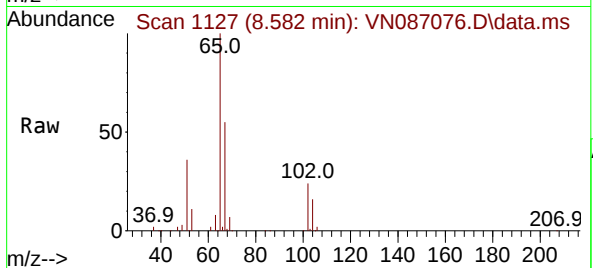
VN0618WBL01

Tgt Ion: 65 Resp: 190055

Ion Ratio Lower Upper

65 100

67 55.3 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: VN087076.D

Acq: 18 Jun 2025 11:46

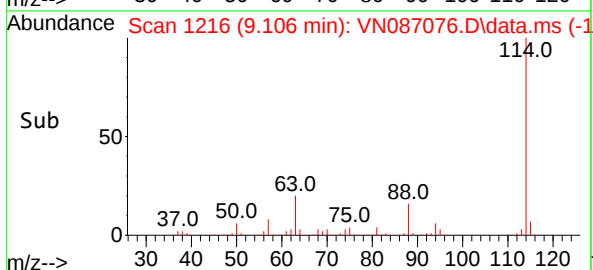
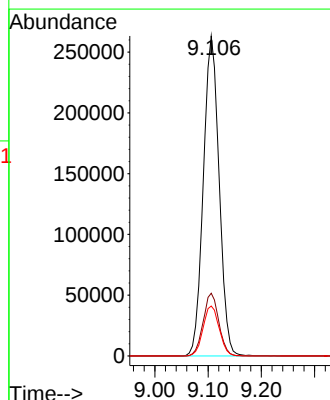
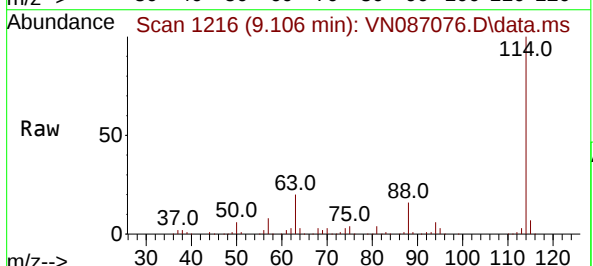
Tgt Ion: 114 Resp: 541331

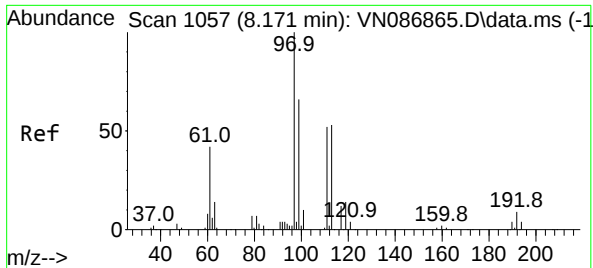
Ion Ratio Lower Upper

114 100

63 19.6 0.0 39.6

88 15.6 0.0 30.2

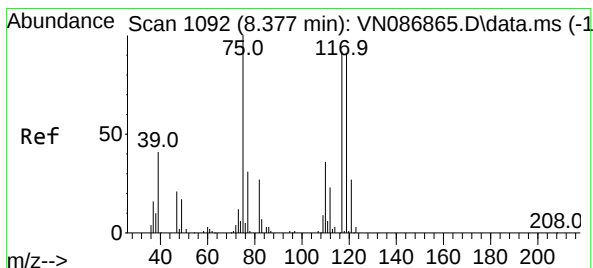
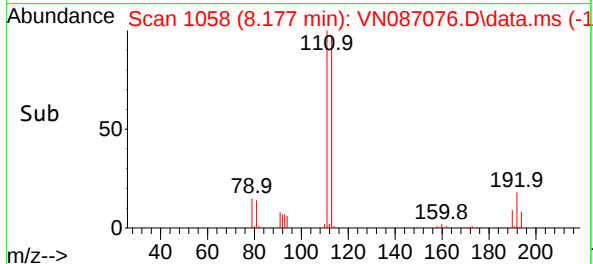
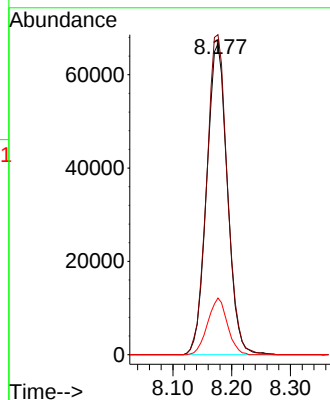
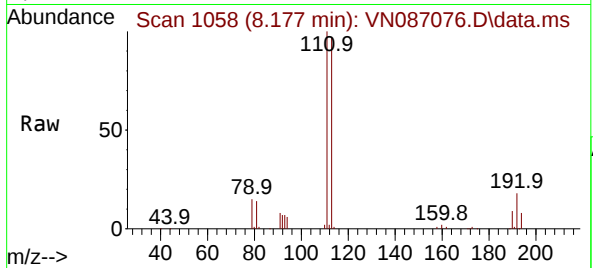




#35
Dibromofluoromethane
Concen: 50.693 ug/l
RT: 8.177 min Scan# 1057
Delta R.T. 0.006 min
Lab File: VN087076.D
Acq: 18 Jun 2025 11:46

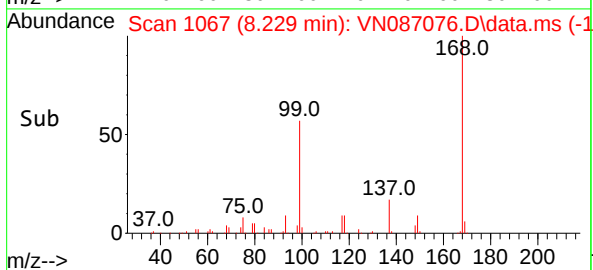
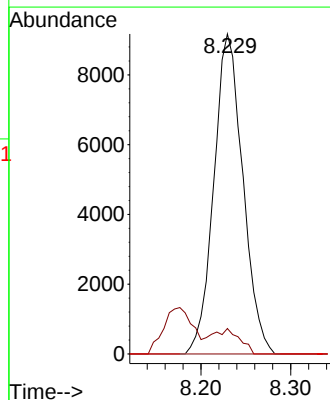
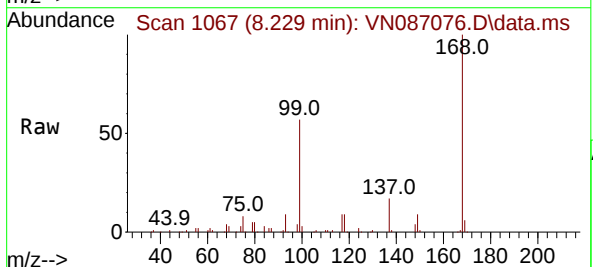
Instrument :
MSVOA_N
ClientSampleId :
VN0618WBL01

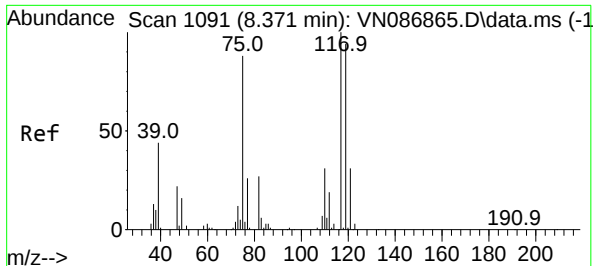
Tgt Ion:113 Resp: 162627
Ion Ratio Lower Upper
113 100
111 103.1 84.2 126.2
192 17.4 14.2 21.4



#36
1,1-Dichloropropene
Concen: 4.303 ug/l
RT: 8.229 min Scan# 1067
Delta R.T. -0.147 min
Lab File: VN087076.D
Acq: 18 Jun 2025 11:46

Tgt Ion: 75 Resp: 20568
Ion Ratio Lower Upper
75 100
110 7.1 17.6 52.9#
77 0.0 25.3 37.9#

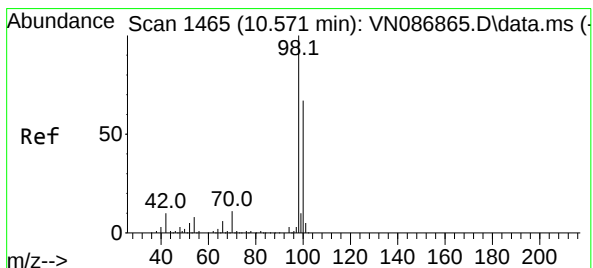
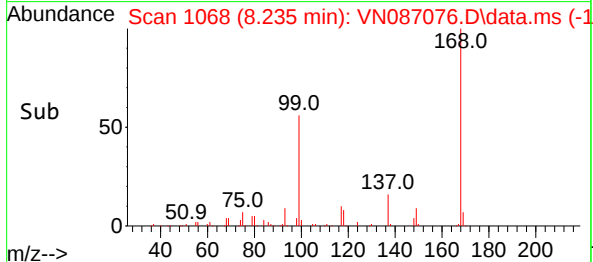
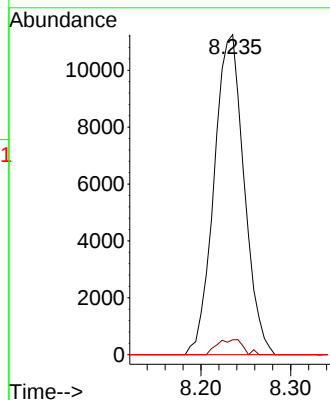
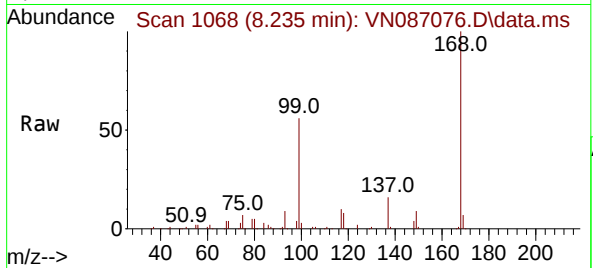




#38
Carbon Tetrachloride
Concen: 5.569 ug/l
RT: 8.235 min Scan# 1091
Delta R.T. -0.136 min
Lab File: VN087076.D
Acq: 18 Jun 2025 11:46

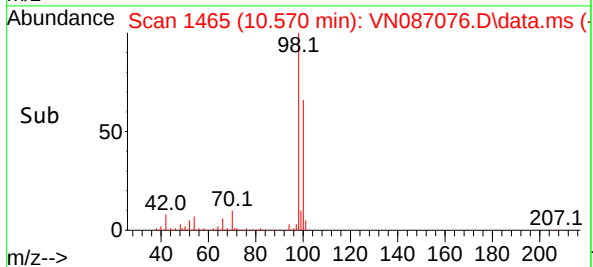
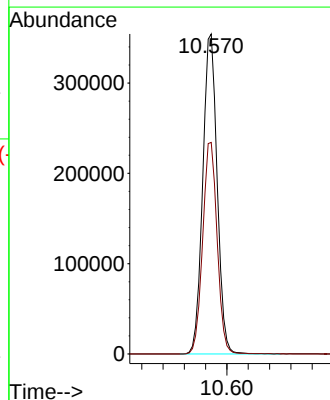
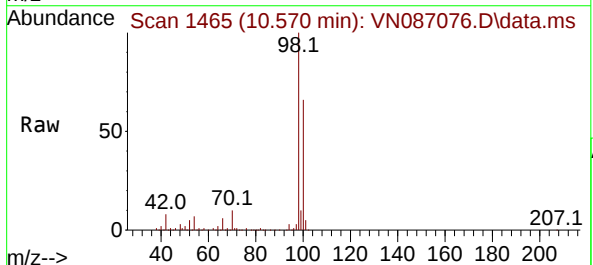
Instrument :
MSVOA_N
ClientSampleId :
VN0618WBL01

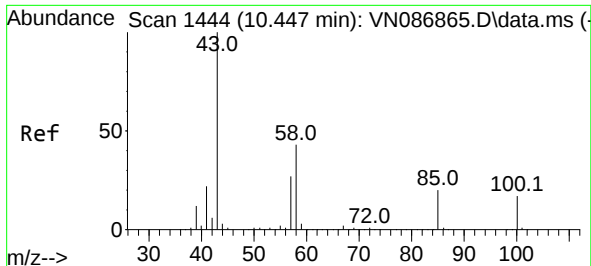
Tgt Ion:117 Resp: 26135
Ion Ratio Lower Upper
117 100
119 4.6 75.0 112.6#
121 0.0 24.9 37.3#



#50
Toluene-d8
Concen: 52.354 ug/l
RT: 10.570 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN087076.D
Acq: 18 Jun 2025 11:46

Tgt Ion: 98 Resp: 664885
Ion Ratio Lower Upper
98 100
100 66.3 53.4 80.0

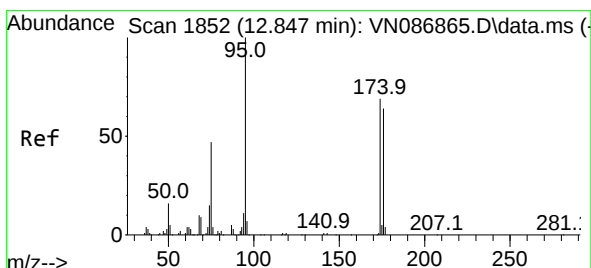
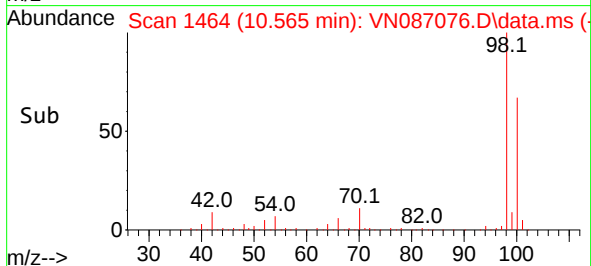
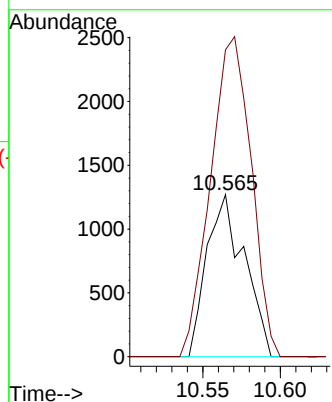
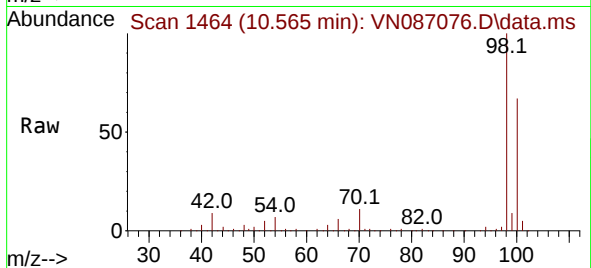




#51
4-Methyl-2-Pentanone
Concen: 0.364 ug/l
RT: 10.565 min Scan# 1444
Delta R.T. 0.117 min
Lab File: VN087076.D
Acq: 18 Jun 2025 11:46

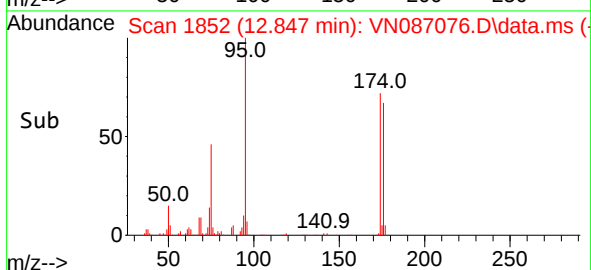
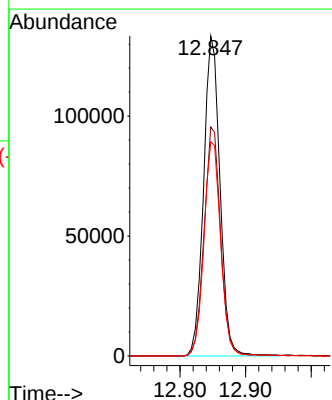
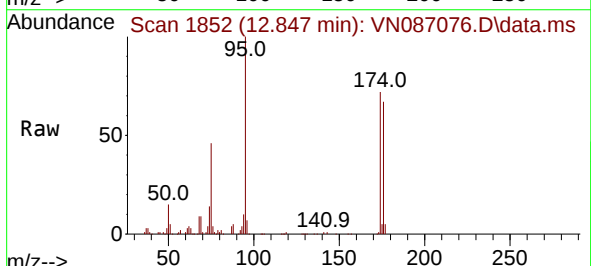
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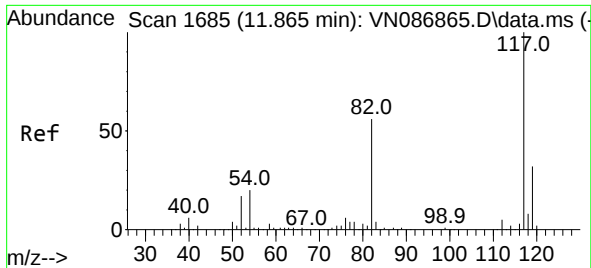
Tgt Ion: 43 Resp: 2141
Ion Ratio Lower Upper
43 100
58 213.9 34.2 51.4#



#62
4-Bromofluorobenzene
Concen: 49.237 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN087076.D
Acq: 18 Jun 2025 11:46

Tgt Ion: 95 Resp: 232316
Ion Ratio Lower Upper
95 100
174 72.0 0.0 141.8
176 68.5 0.0 132.6

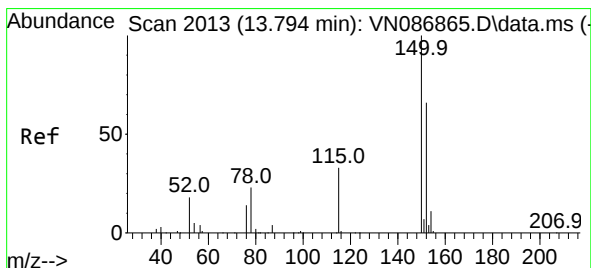
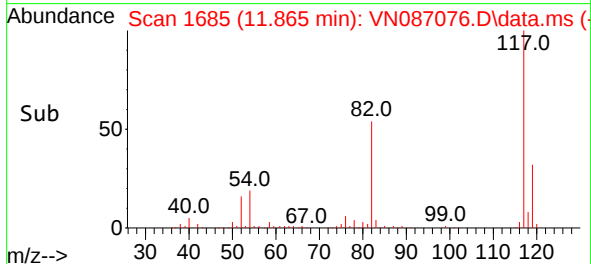
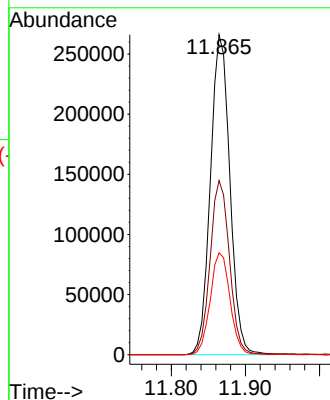
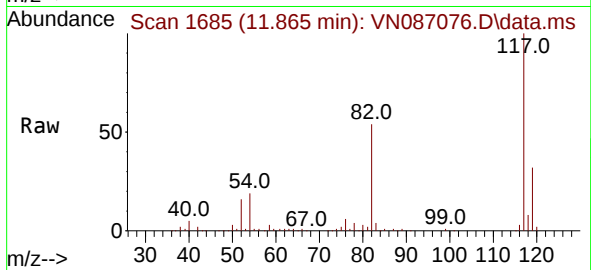




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN087076.D
Acq: 18 Jun 2025 11:46

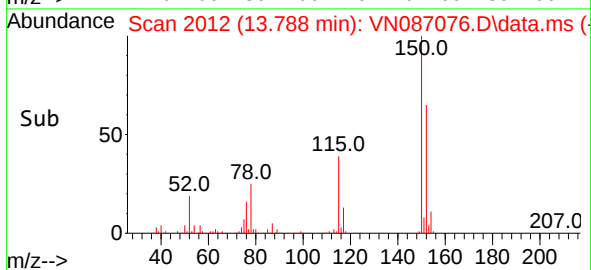
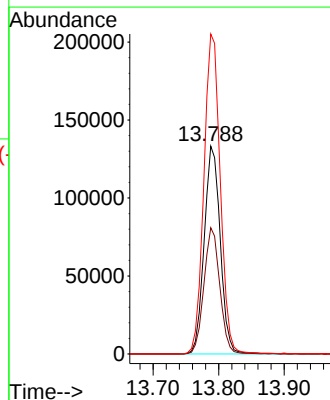
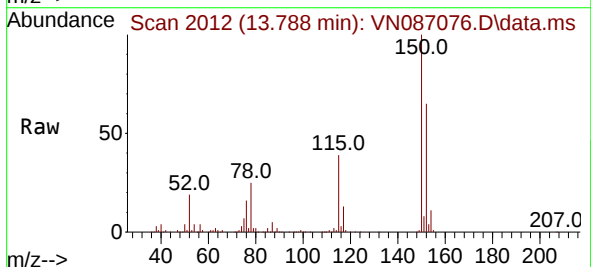
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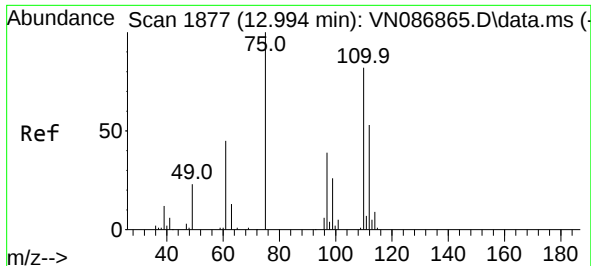
Tgt Ion:117 Resp: 486295
Ion Ratio Lower Upper
117 100
82 54.4 44.6 67.0
119 31.9 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. -0.006 min
Lab File: VN087076.D
Acq: 18 Jun 2025 11:46

Tgt Ion:152 Resp: 227513
Ion Ratio Lower Upper
152 100
115 60.0 30.1 90.5
150 157.2 0.0 345.0

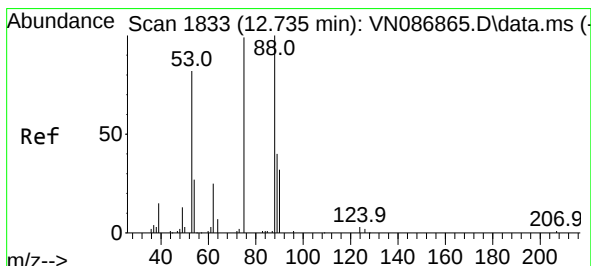
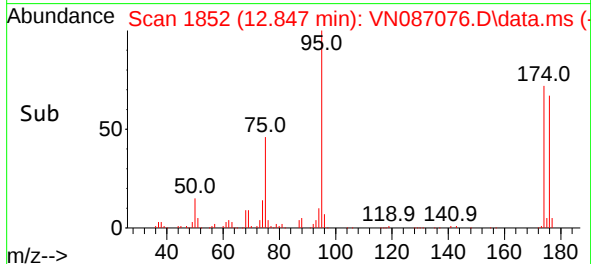
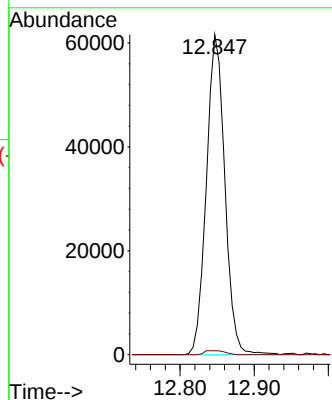
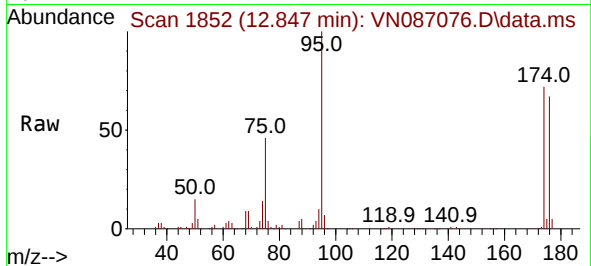




#76
1,2,3-Trichloropropane
Concen: 19.701 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.147 min
Lab File: VN087076.D
Acq: 18 Jun 2025 11:46

Instrument :
MSVOA_N
ClientSampleId :
VN0618WBL01

Tgt Ion: 75 Resp: 106543
Ion Ratio Lower Upper
75 100
77 1.4 79.3 237.9#



#81
trans-1,4-Dichloro-2-butene
Concen: 45.350 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.111 min
Lab File: VN087076.D
Acq: 18 Jun 2025 11:46

Tgt Ion: 75 Resp: 106543
Ion Ratio Lower Upper
75 100
53 0.0 66.6 99.8#
89 0.0 36.7 55.1#

