

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN110725\
 Data File : VN088224.D
 Acq On : 07 Nov 2025 11:00
 Operator : JC\MD
 Sample : VN1107WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1107WBL01

Quant Time: Nov 08 01:53:44 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102325W.M
 Quant Title : SW846 8260
 QLast Update : Mon Nov 03 01:16:06 2025
 Response via : Initial Calibration

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

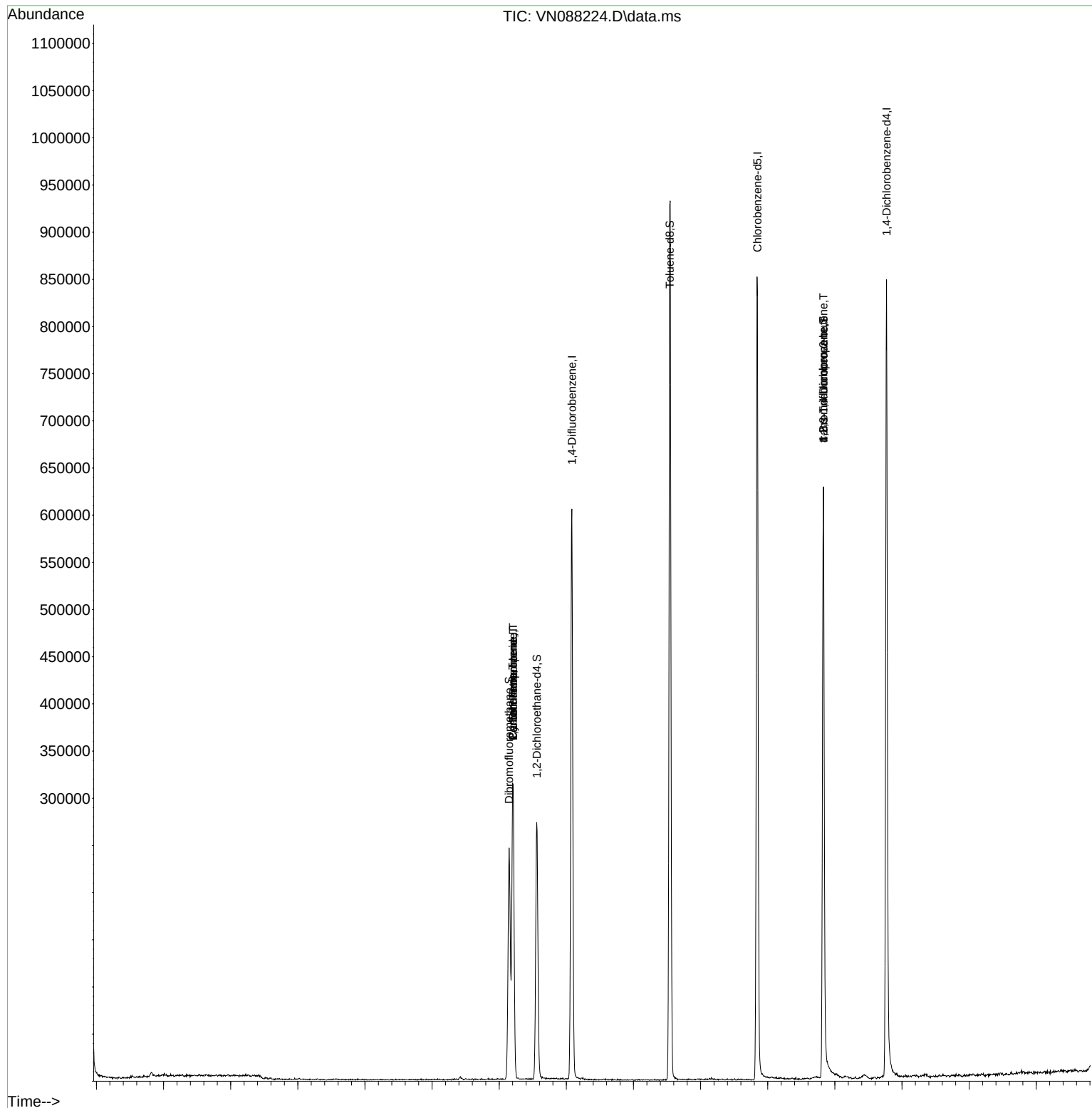
Internal Standards						
1) Pentafluorobenzene	8.206	168	218414	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.082	114	497944	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.847	117	470093	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.770	152	225246	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.559	65	228861	60.596	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 121.200%			
35) Dibromofluoromethane	8.147	113	174482	52.159	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 104.320%			
50) Toluene-d8	10.541	98	638940	49.570	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 99.140%			
62) 4-Bromofluorobenzene	12.829	95	244496	53.710	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 107.420%			
Target Compounds						
					Qvalue	
5) Bromomethane	2.994	94	1301	0.689	ug/l	92
16) Acetone	4.400	43	462	0.243	ug/l #	47
18) Methyl Acetate	5.018	43	1099	0.283	ug/l #	65
31) Cyclohexane	8.200	56	6397	1.210	ug/l #	47
36) 1,1-Dichloropropene	8.206	75	21085	4.317	ug/l #	51
38) Carbon Tetrachloride	8.206	117	25911	5.136	ug/l #	14
76) 1,2,3-Trichloropropane	12.829	75	134727	26.162	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.829	75	134727	72.978	ug/l #	1

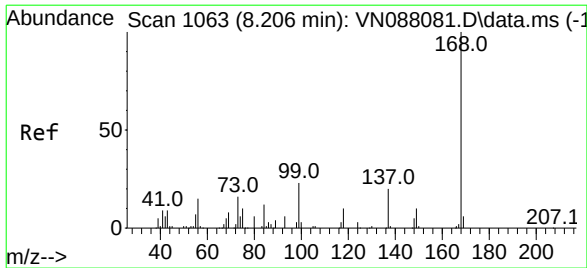
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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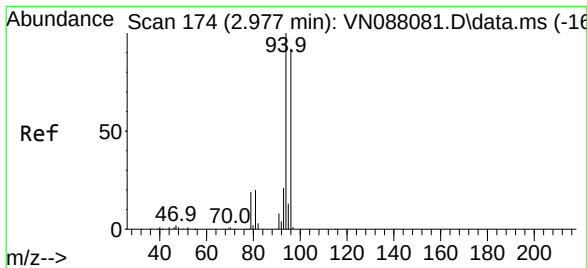
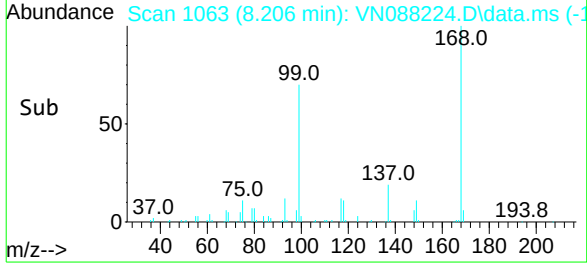
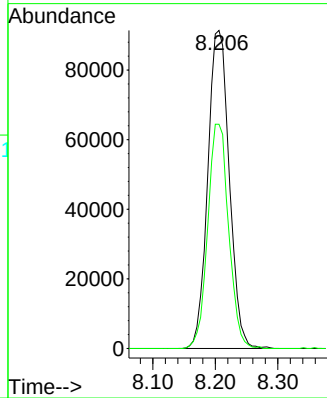
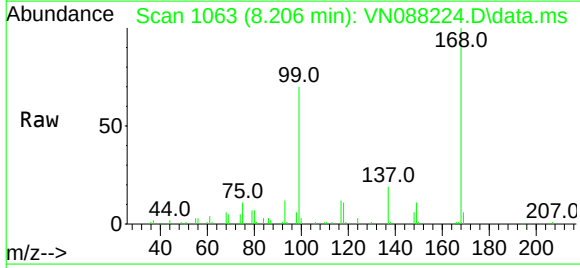




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.206 min Scan# 1063
Delta R.T. -0.000 min
Lab File: VN088224.D
Acq: 07 Nov 2025 11:00

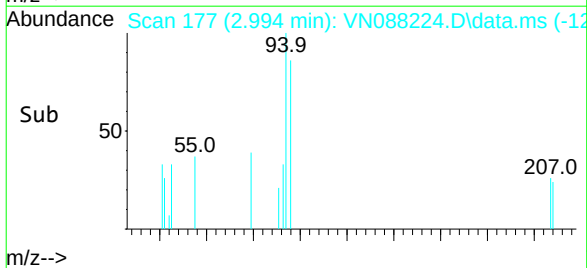
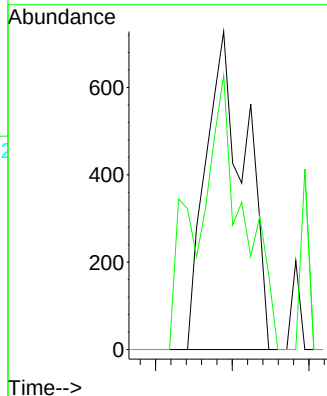
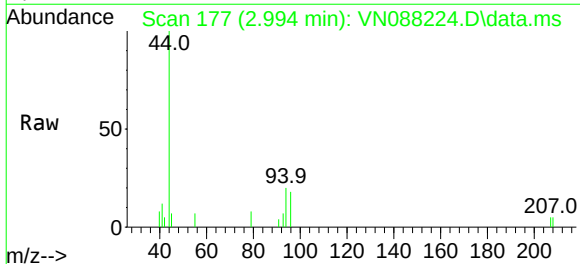
Instrument :
MSVOA_N
ClientSampleId :
VN1107WBL01

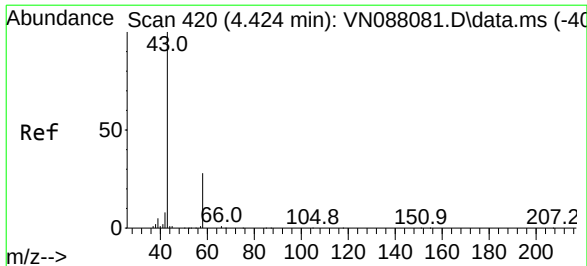
Tgt Ion:168 Resp: 218414
Ion Ratio Lower Upper
168 100
99 70.5 57.2 85.8



#5
Bromomethane
Concen: 0.689 ug/l
RT: 2.994 min Scan# 177
Delta R.T. 0.023 min
Lab File: VN088224.D
Acq: 07 Nov 2025 11:00

Tgt Ion: 94 Resp: 1301
Ion Ratio Lower Upper
94 100
96 86.3 75.4 113.2





#16

Acetone

Concen: 0.243 ug/l

RT: 4.400 min Scan# 41

Delta R.T. -0.024 min

Lab File: VN088224.D

Acq: 07 Nov 2025 11:00

Instrument :

MSVOA_N

ClientSampleId :

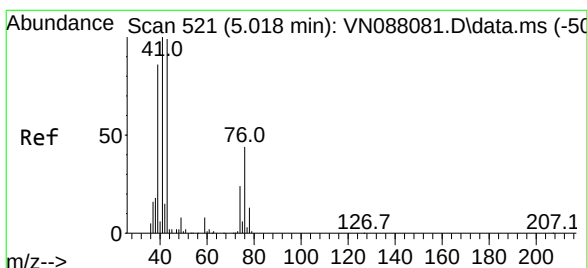
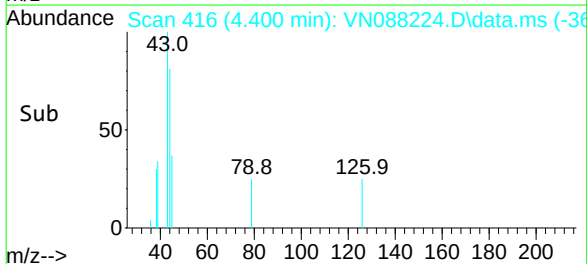
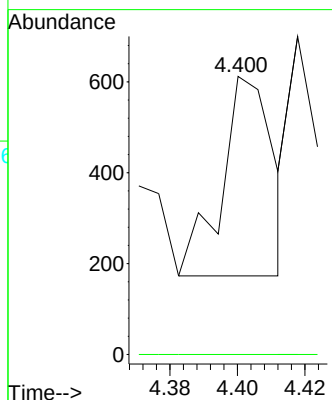
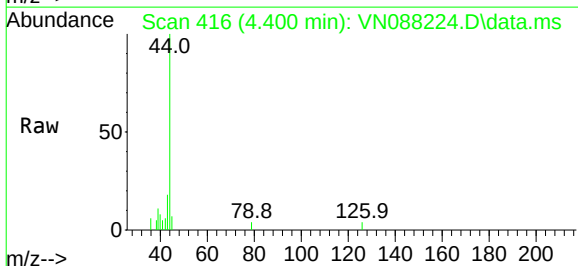
VN1107WBL01

Tgt Ion: 43 Resp: 462

Ion Ratio Lower Upper

43 100

58 0.0 22.6 33.8#



#18

Methyl Acetate

Concen: 0.283 ug/l

RT: 5.018 min Scan# 521

Delta R.T. 0.006 min

Lab File: VN088224.D

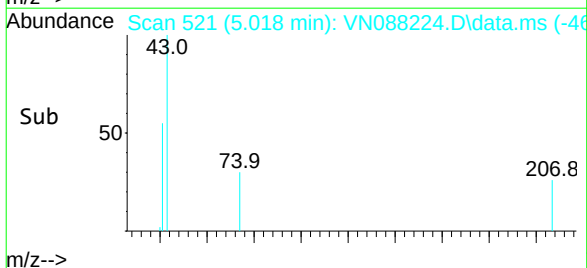
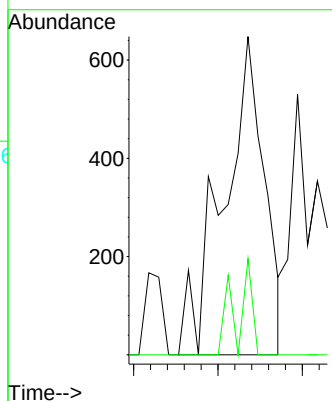
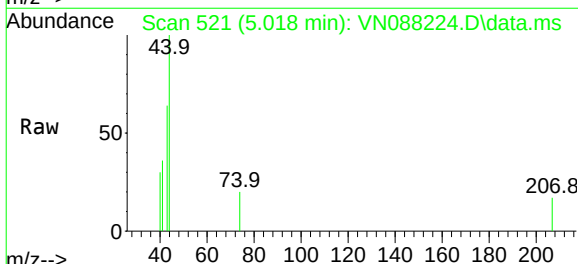
Acq: 07 Nov 2025 11:00

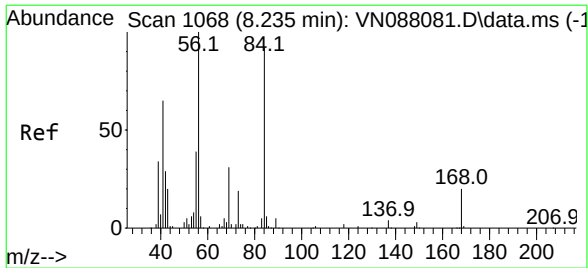
Tgt Ion: 43 Resp: 1099

Ion Ratio Lower Upper

43 100

74 5.2 17.6 26.4#

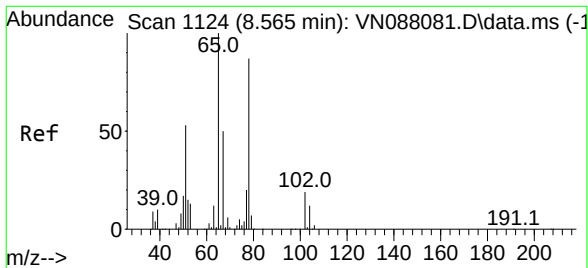
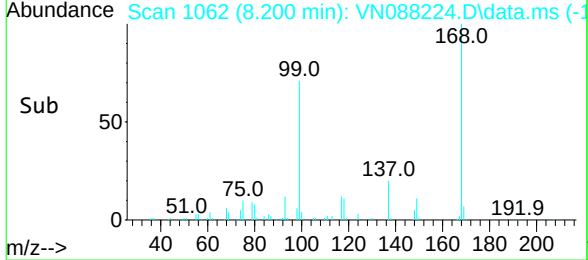
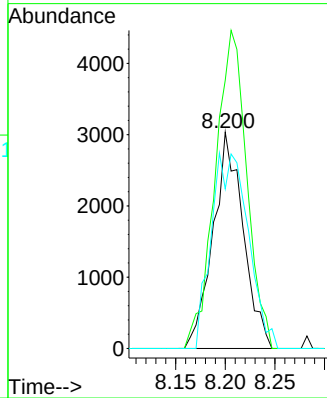
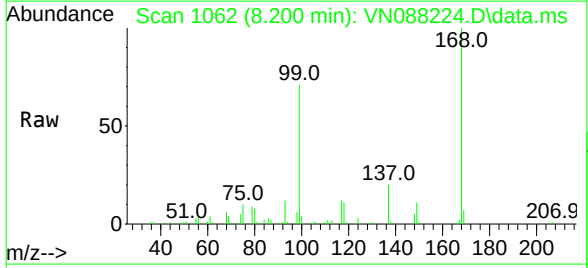




#31
Cyclohexane
Concen: 1.210 ug/l
RT: 8.200 min Scan# 1068
Delta R.T. -0.036 min
Lab File: VN088224.D
Acq: 07 Nov 2025 11:00

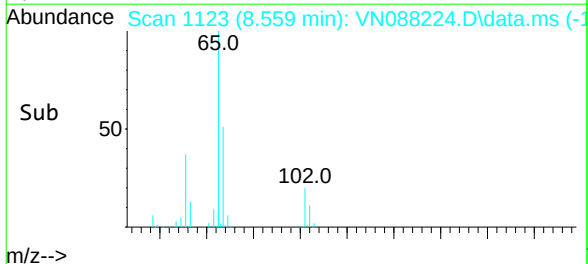
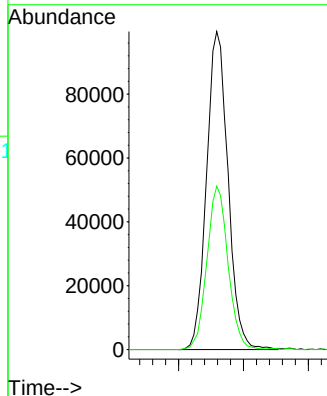
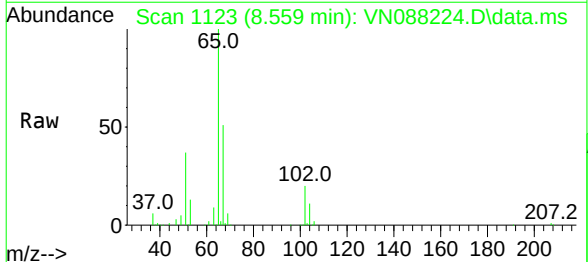
Instrument :
MSVOA_N
ClientSampleId :
VN1107WBL01

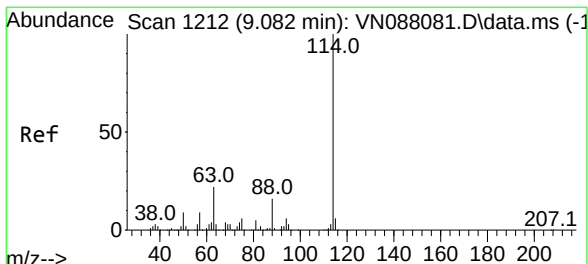
Tgt Ion: 56 Resp: 6397
Ion Ratio Lower Upper
56 100
69 124.0 23.7 35.5#
84 73.7 64.7 97.1



#33
1,2-Dichloroethane-d4
Concen: 60.596 ug/l
RT: 8.559 min Scan# 1123
Delta R.T. -0.000 min
Lab File: VN088224.D
Acq: 07 Nov 2025 11:00

Tgt Ion: 65 Resp: 228861
Ion Ratio Lower Upper
65 100
67 50.6 0.0 100.0

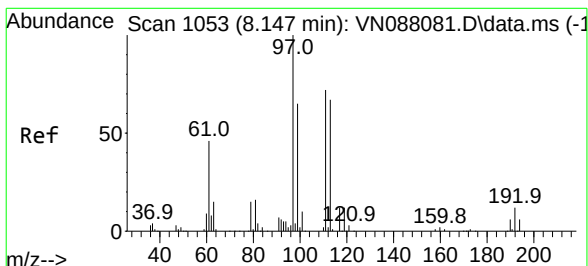
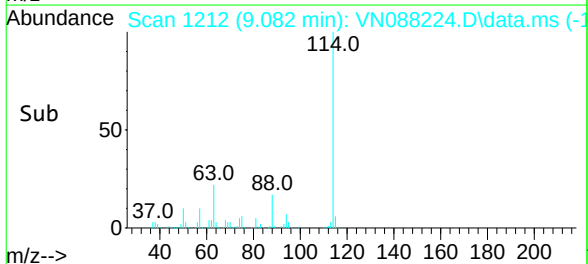
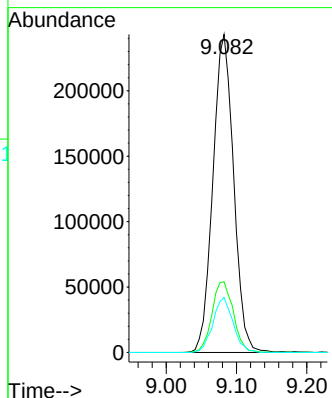
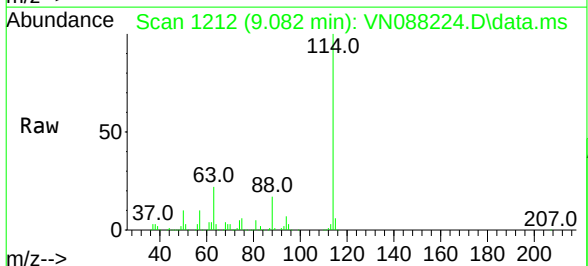




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.082 min Scan# 1212
 Delta R.T. -0.000 min
 Lab File: VN088224.D
 Acq: 07 Nov 2025 11:00

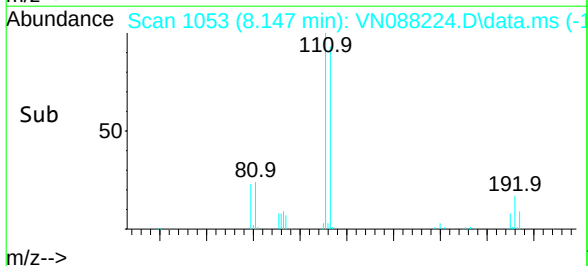
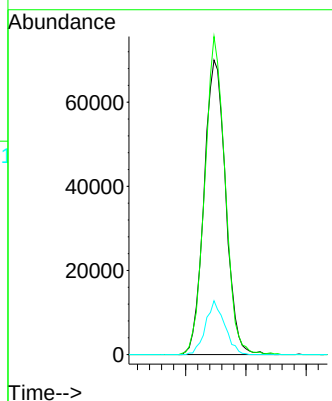
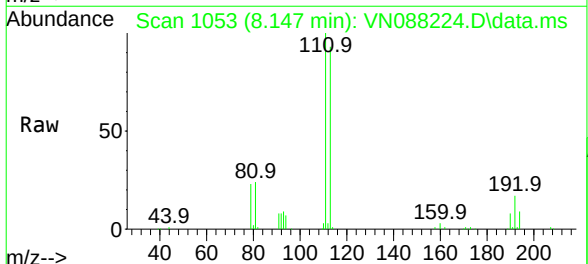
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1107WBL01

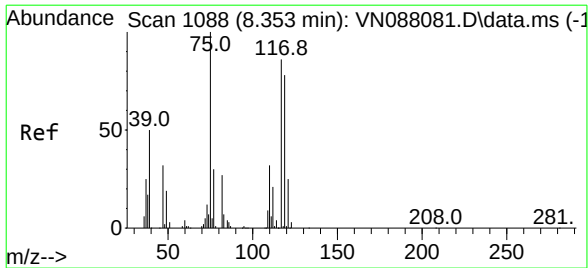
Tgt Ion:	114	Resp:	497944
Ion	Ratio	Lower	Upper
114	100		
63	22.2	0.0	45.2
88	17.3	0.0	33.4



#35
 Dibromofluoromethane
 Concen: 52.159 ug/l
 RT: 8.147 min Scan# 1053
 Delta R.T. -0.006 min
 Lab File: VN088224.D
 Acq: 07 Nov 2025 11:00

Tgt Ion:	113	Resp:	174482
Ion	Ratio	Lower	Upper
113	100		
111	101.7	82.8	124.2
192	16.2	12.8	19.2

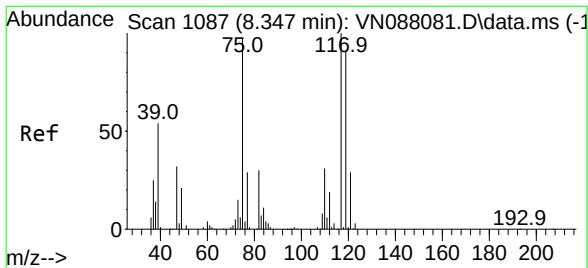
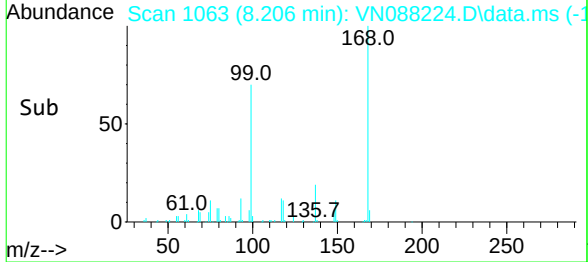
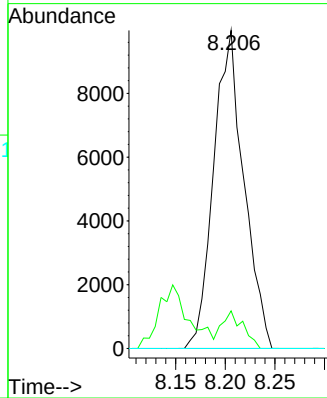
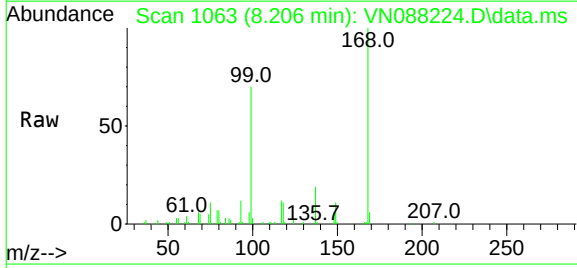




#36
1,1-Dichloropropene
Concen: 4.317 ug/l
RT: 8.206 min Scan# 1063
Delta R.T. -0.147 min
Lab File: VN088224.D
Acq: 07 Nov 2025 11:00

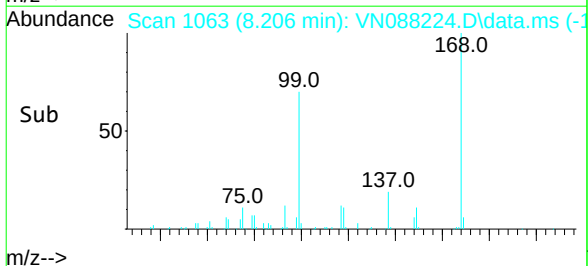
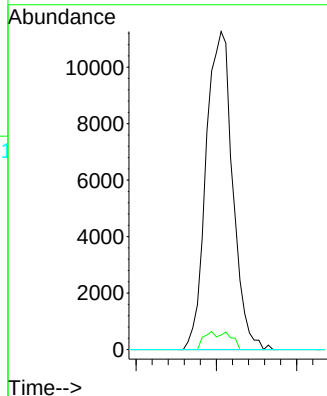
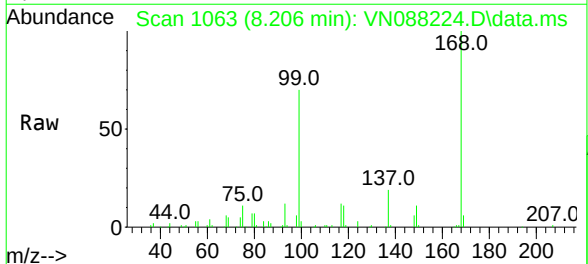
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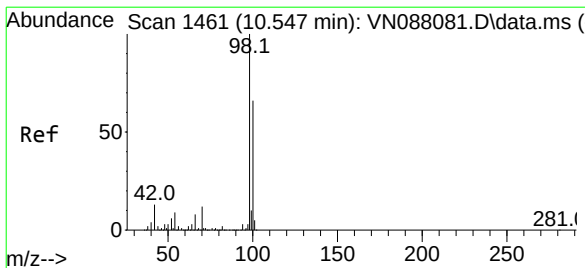
Tgt	Ion: 75	Resp:	21085
Ion	Ratio	Lower	Upper
75	100		
110	8.3	15.9	47.6#
77	0.0	24.4	36.6#



#38
Carbon Tetrachloride
Concen: 5.136 ug/l
RT: 8.206 min Scan# 1063
Delta R.T. -0.136 min
Lab File: VN088224.D
Acq: 07 Nov 2025 11:00

Tgt	Ion: 117	Resp:	25911
Ion	Ratio	Lower	Upper
117	100		
119	4.6	79.0	118.6#
121	0.0	25.0	37.6#





#50

Toluene-d8

Concen: 49.570 ug/l

RT: 10.541 min Scan# 14

Delta R.T. -0.006 min

Lab File: VN088224.D

Acq: 07 Nov 2025 11:00

Instrument :

MSVOA_N

ClientSampleId :

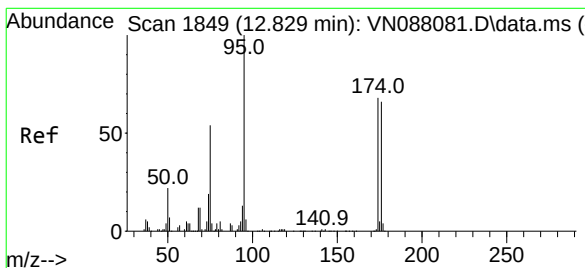
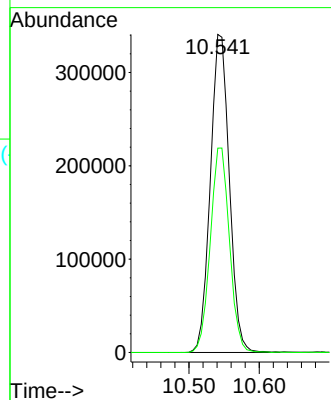
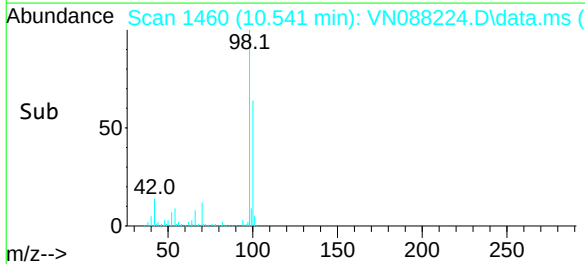
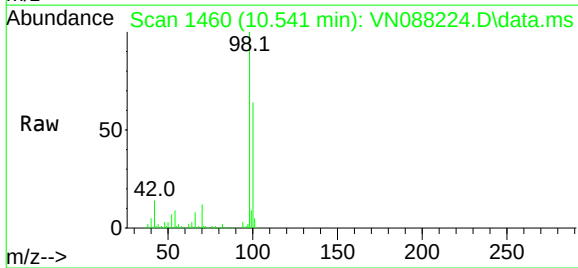
VN1107WBL01

Tgt Ion: 98 Resp: 638940

Ion Ratio Lower Upper

98 100

100 64.9 52.8 79.2



#62

4-Bromofluorobenzene

Concen: 53.710 ug/l

RT: 12.829 min Scan# 1849

Delta R.T. 0.006 min

Lab File: VN088224.D

Acq: 07 Nov 2025 11:00

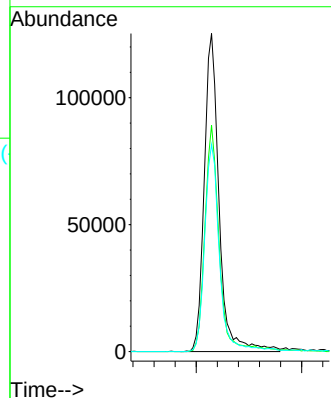
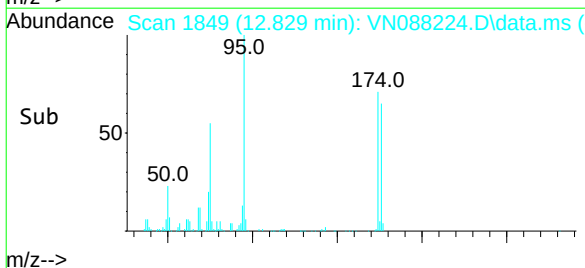
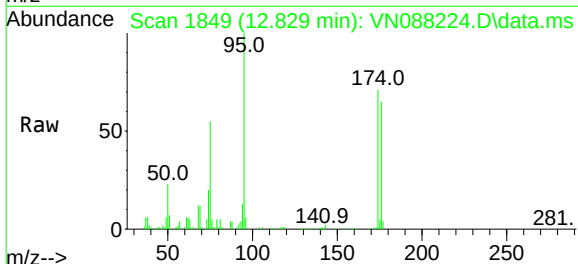
Tgt Ion: 95 Resp: 244496

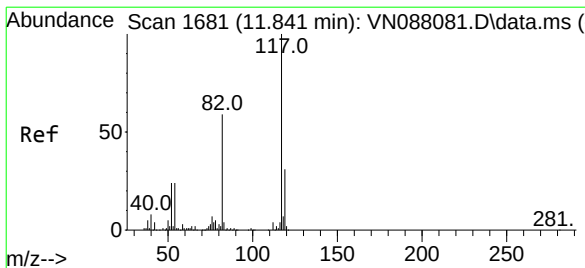
Ion Ratio Lower Upper

95 100

174 69.1 0.0 138.4

176 64.1 0.0 132.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.847 min Scan# 16

Delta R.T. 0.006 min

Lab File: VN088224.D

Acq: 07 Nov 2025 11:00

Instrument :

MSVOA_N

ClientSampleId :

VN1107WBL01

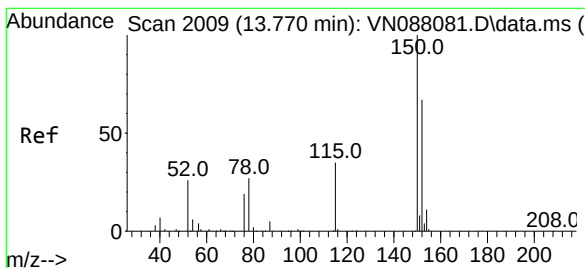
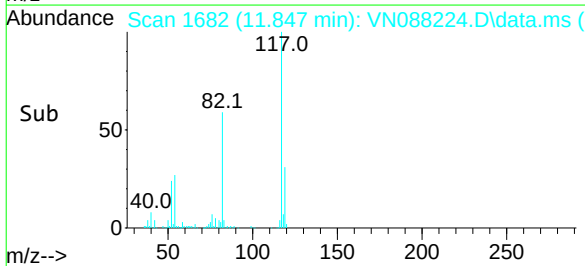
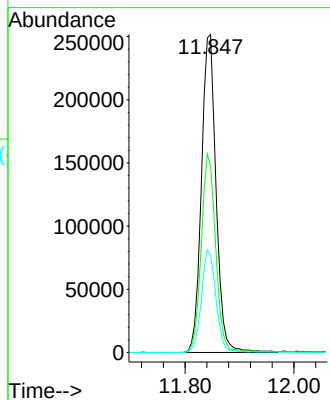
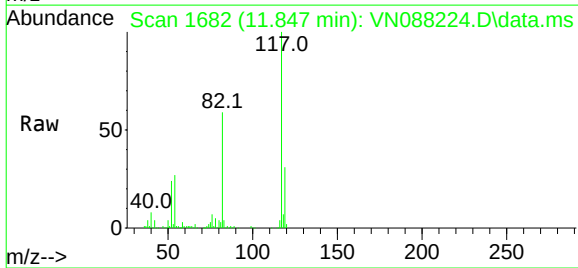
Tgt Ion:117 Resp: 470093

Ion Ratio Lower Upper

117 100

82 58.5 47.4 71.2

119 30.7 24.3 36.5



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.770 min Scan# 2009

Delta R.T. 0.006 min

Lab File: VN088224.D

Acq: 07 Nov 2025 11:00

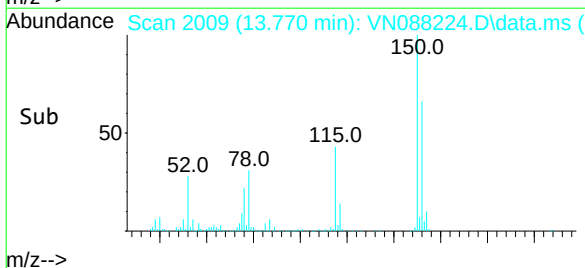
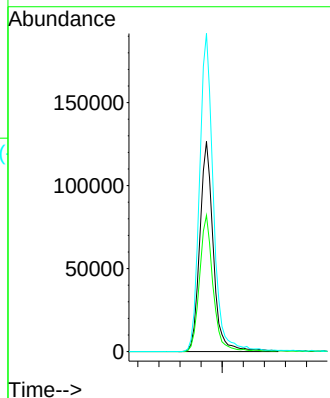
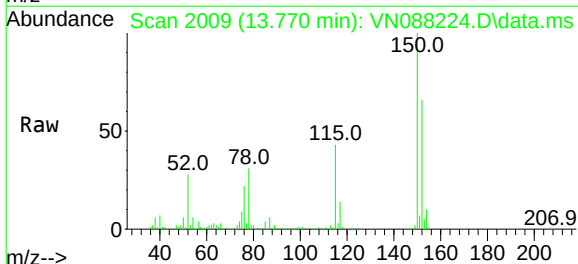
Tgt Ion:152 Resp: 225246

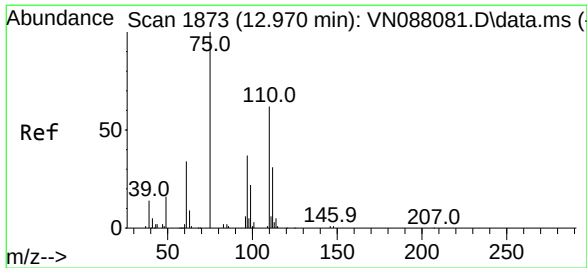
Ion Ratio Lower Upper

152 100

115 64.5 32.3 96.8

150 155.9 0.0 351.0





#76

1,2,3-Trichloropropane

Concen: 26.162 ug/l

RT: 12.829 min Scan# 18

Delta R.T. -0.141 min

Lab File: VN088224.D

Acq: 07 Nov 2025 11:00

Instrument :

MSVOA_N

ClientSampleId :

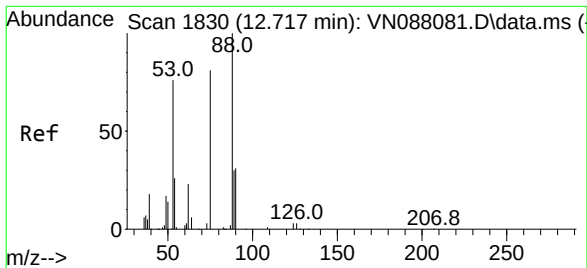
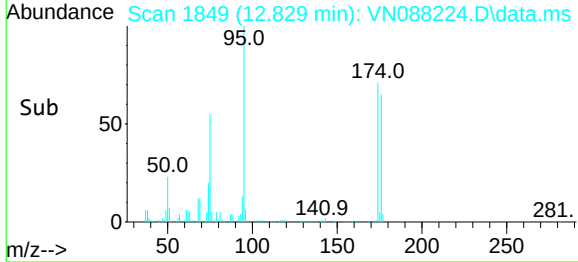
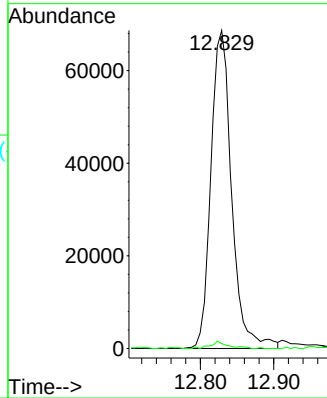
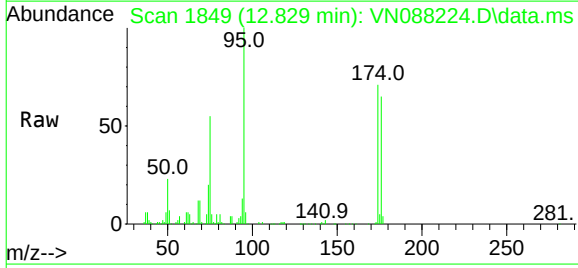
VN1107WBL01

Tgt Ion: 75 Resp: 134727

Ion Ratio Lower Upper

75 100

77 1.9 89.1 267.4#



#81

trans-1,4-Dichloro-2-butene

Concen: 72.978 ug/l

RT: 12.829 min Scan# 1849

Delta R.T. 0.111 min

Lab File: VN088224.D

Acq: 07 Nov 2025 11:00

Tgt Ion: 75 Resp: 134727

Ion Ratio Lower Upper

75 100

53 0.1 101.8 152.6#

89 0.0 35.6 53.4#

