

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN090825\
 Data File : VN087751.D
 Acq On : 08 Sep 2025 09:59
 Operator : JC\MD
 Sample : VN0908WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0908WBL01

Quant Time: Sep 09 02:24:40 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N082125W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 22 02:55:42 2025
 Response via : Initial Calibration

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

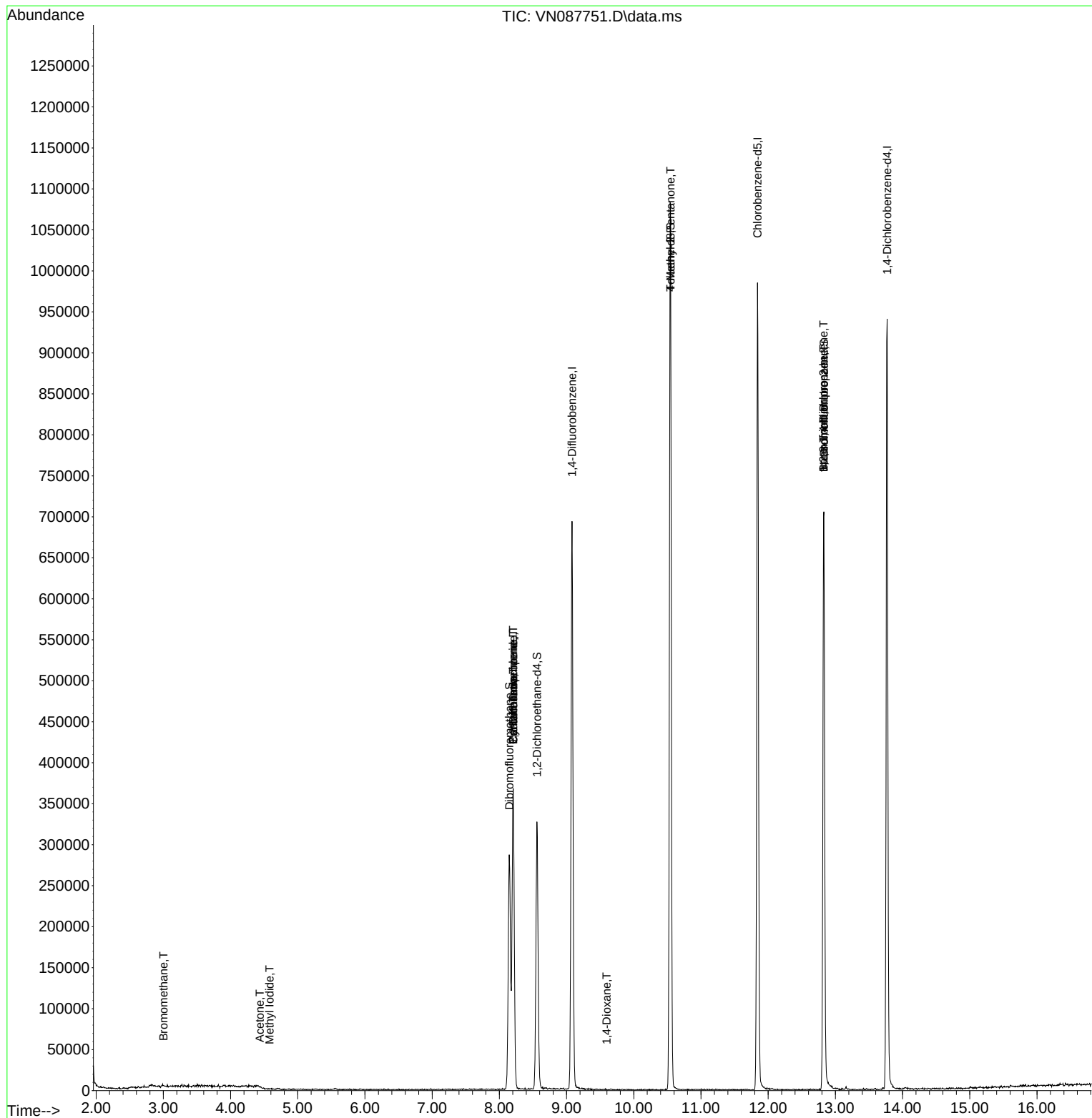
Internal Standards						
1) Pentafluorobenzene	8.206	168	246345	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.082	114	567426	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.841	117	531276	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.770	152	244144	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.559	65	263783	52.262	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 104.520%			
35) Dibromofluoromethane	8.147	113	199858	48.784	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 97.560%			
50) Toluene-d8	10.547	98	741361	48.349	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 96.700%			
62) 4-Bromofluorobenzene	12.829	95	250915	46.013	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 92.020%			
Target Compounds						
					Qvalue	
5) Bromomethane	3.000	94	960	0.446	ug/l #	44
10) Methyl Iodide	4.583	142	188	6.873	ug/l #	38
16) Acetone	4.436	43	720	0.262	ug/l #	47
20) Methylene Chloride	5.265	84	541	Below Cal	#	33
31) Cyclohexane	8.206	56	8060	1.270	ug/l #	52
36) 1,1-Dichloropropene	8.206	75	24405	3.883	ug/l #	51
38) Carbon Tetrachloride	8.206	117	27934	4.502	ug/l #	14
49) 1,4-Dioxane	9.594	88	57	0.693	ug/l #	13
51) 4-Methyl-2-Pentanone	10.547	43	3984	0.492	ug/l #	1
71) Bromoform	12.823	173	2236	0.664	ug/l #	1
76) 1,2,3-Trichloropropane	12.823	75	146517	25.591	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.823	75	146517	67.750	ug/l #	1

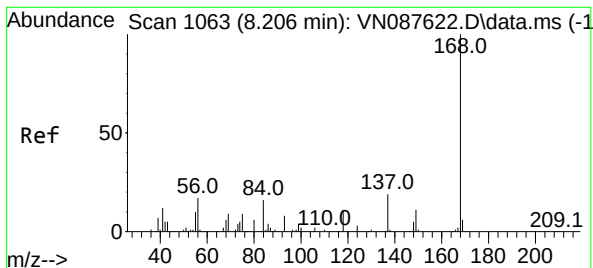
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Fri Aug 22 02:55:42 2025
Response via : Initial Calibration

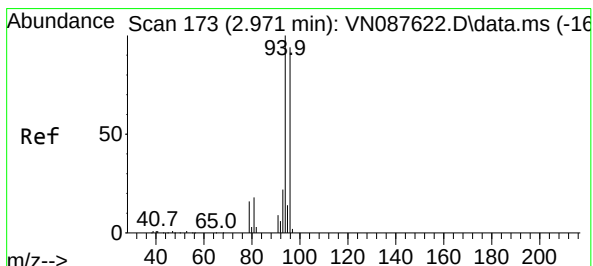
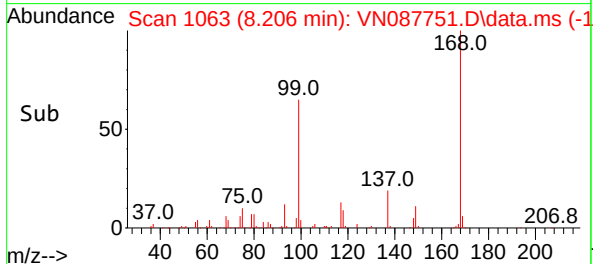
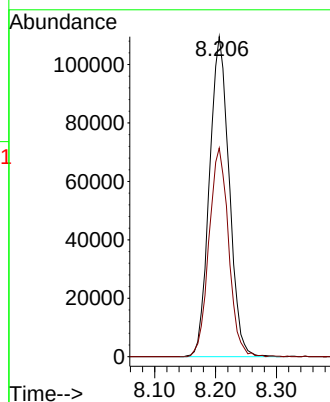
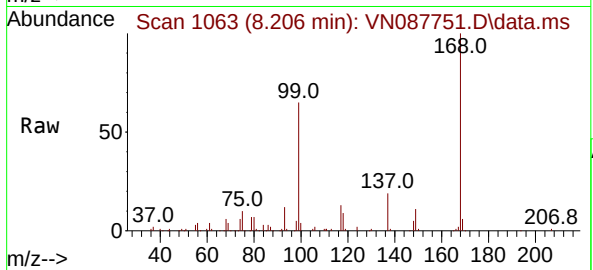




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.206 min Scan# 1063
Delta R.T. 0.000 min
Lab File: VN087751.D
Acq: 08 Sep 2025 09:59

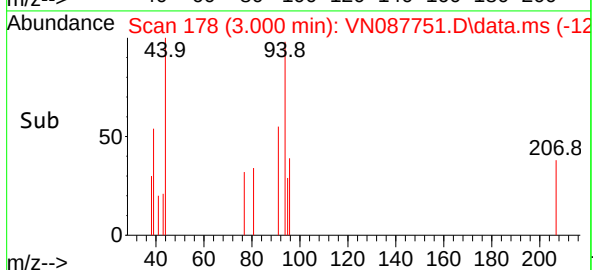
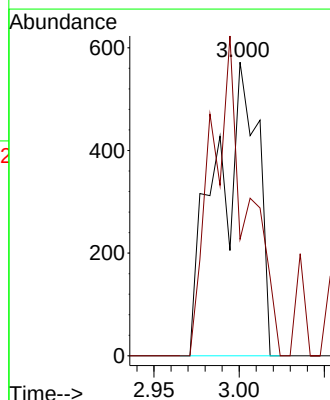
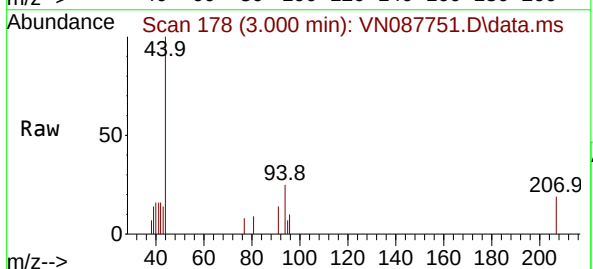
Instrument :
MSVOA_N
ClientSampleId :
VN0908WBL01

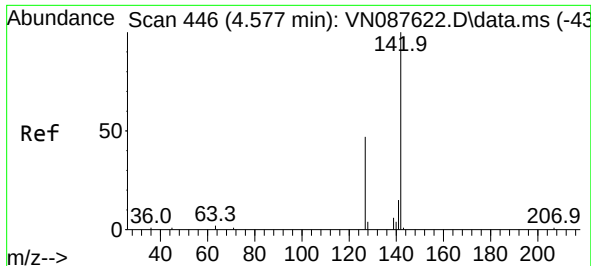
Tgt Ion:168 Resp: 246345
Ion Ratio Lower Upper
168 100
99 65.2 57.2 85.8



#5
Bromomethane
Concen: 0.446 ug/l
RT: 3.000 min Scan# 178
Delta R.T. 0.029 min
Lab File: VN087751.D
Acq: 08 Sep 2025 09:59

Tgt Ion: 94 Resp: 960
Ion Ratio Lower Upper
94 100
96 39.7 75.4 113.2#

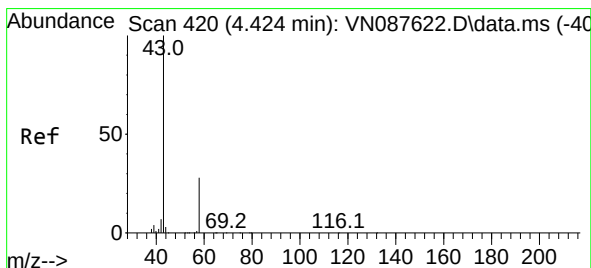
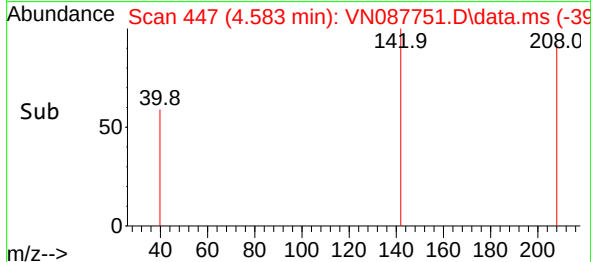
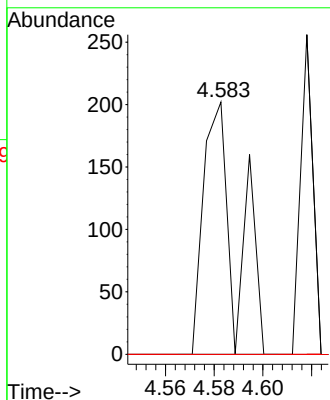
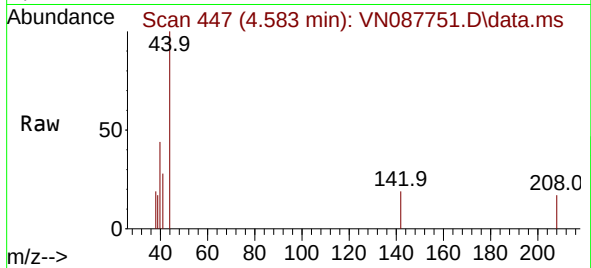




#10
Methyl Iodide
Concen: 6.873 ug/l
RT: 4.583 min Scan# 446
Delta R.T. 0.006 min
Lab File: VN087751.D
Acq: 08 Sep 2025 09:59

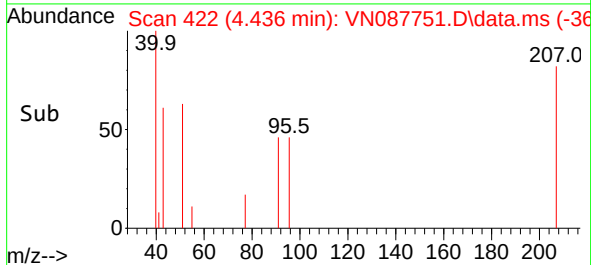
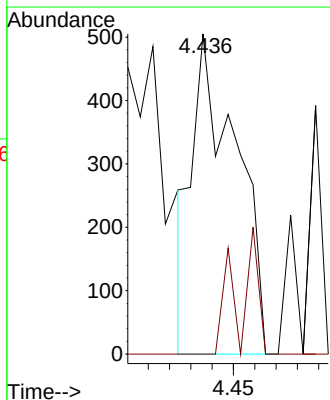
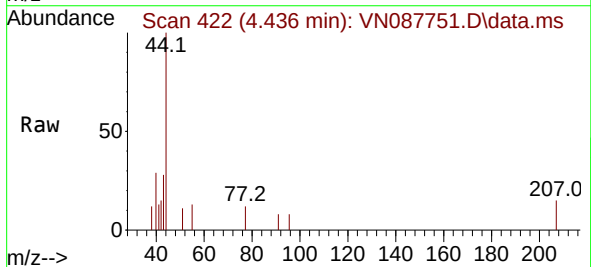
Instrument :
MSVOA_N
ClientSampleId :
VN0908WBL01

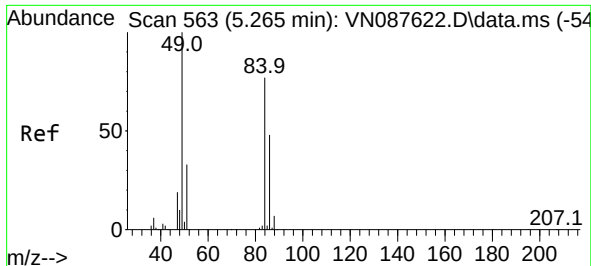
Tgt Ion:142 Resp: 188
Ion Ratio Lower Upper
142 100
127 0.0 38.0 57.0#
141 0.0 12.0 18.0#



#16
Acetone
Concen: 0.262 ug/l
RT: 4.436 min Scan# 422
Delta R.T. 0.012 min
Lab File: VN087751.D
Acq: 08 Sep 2025 09:59

Tgt Ion: 43 Resp: 720
Ion Ratio Lower Upper
43 100
58 0.0 22.6 33.8#

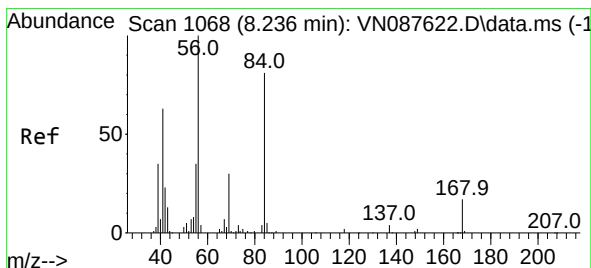
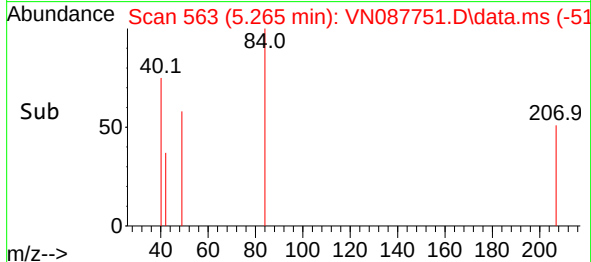
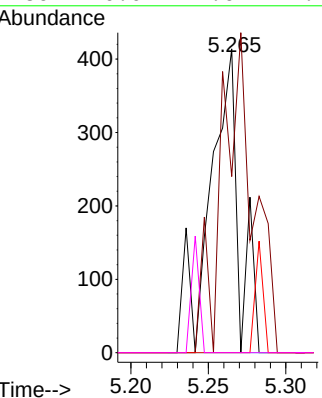
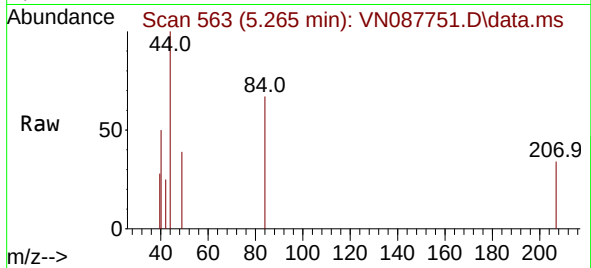




#20
Methylene Chloride
Concen: Below Cal
RT: 5.265 min Scan# 51
Delta R.T. 0.000 min
Lab File: VN087751.D
Acq: 08 Sep 2025 09:59

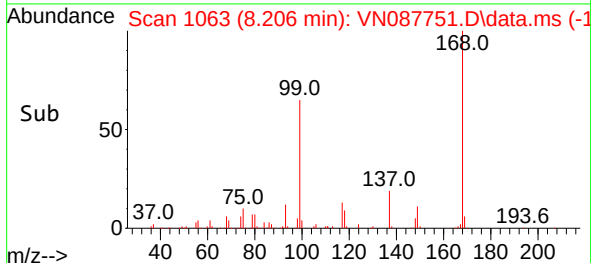
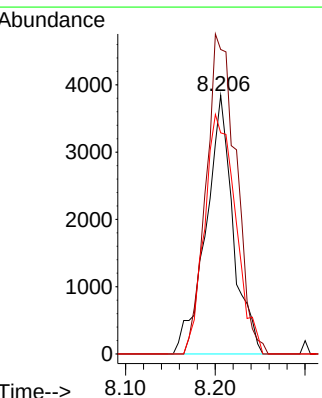
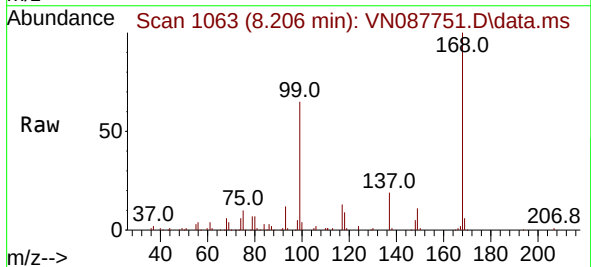
Instrument :
MSVOA_N
ClientSampleId :
VN0908WBL01

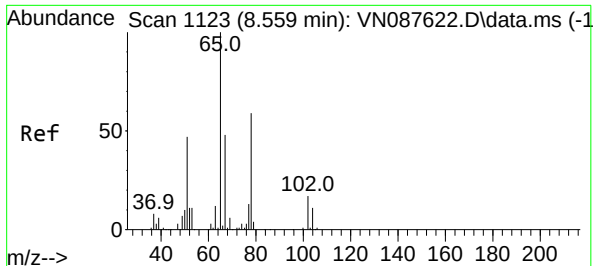
Tgt Ion:	84	Resp:	541
Ion	Ratio	Lower	Upper
84	100		
49	58.0	103.4	155.2#
51	0.0	33.8	50.8#
86	0.0	49.6	74.4#



#31
Cyclohexane
Concen: 1.270 ug/l
RT: 8.206 min Scan# 1063
Delta R.T. -0.030 min
Lab File: VN087751.D
Acq: 08 Sep 2025 09:59

Tgt Ion:	56	Resp:	8060
Ion	Ratio	Lower	Upper
56	100		
69	117.8	23.7	35.5#
84	85.5	64.7	97.1

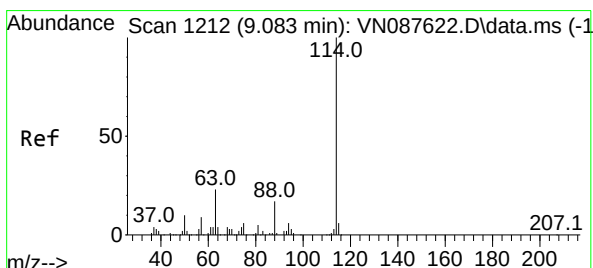
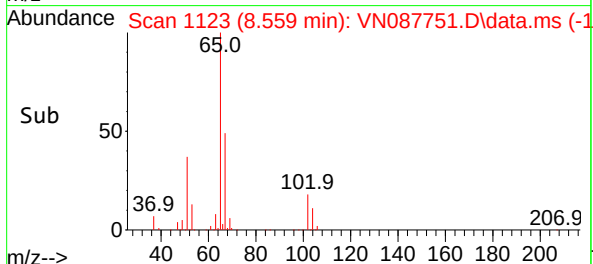
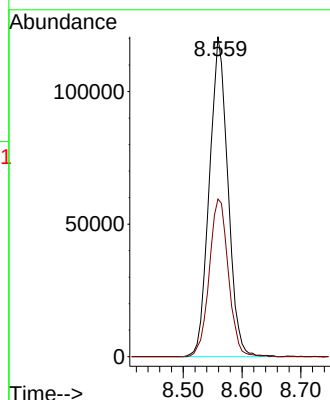
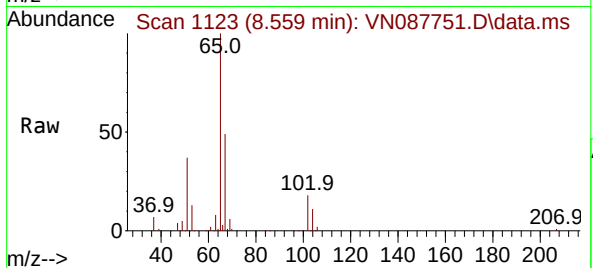




#33
 1,2-Dichloroethane-d4
 Concen: 52.262 ug/l
 RT: 8.559 min Scan# 1123
 Delta R.T. -0.000 min
 Lab File: VN087751.D
 Acq: 08 Sep 2025 09:59

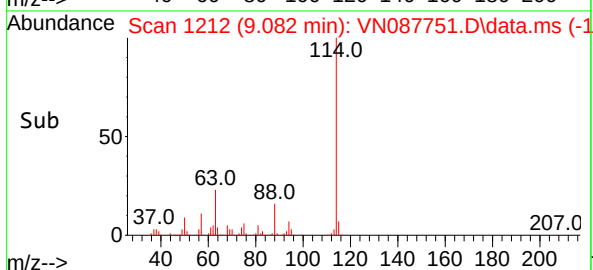
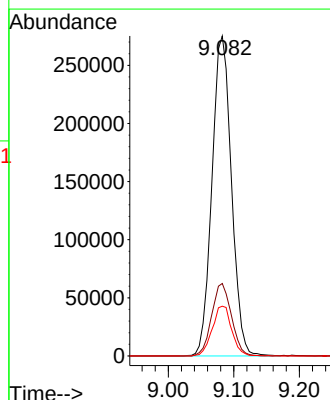
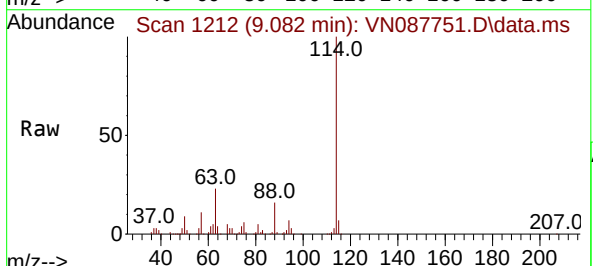
Instrument :
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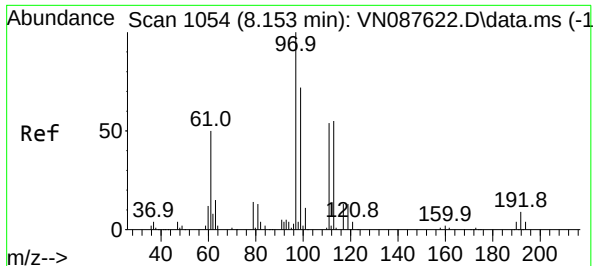
Tgt Ion: 65 Resp: 263783
 Ion Ratio Lower Upper
 65 100
 67 50.9 0.0 100.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.082 min Scan# 1212
 Delta R.T. -0.000 min
 Lab File: VN087751.D
 Acq: 08 Sep 2025 09:59

Tgt Ion: 114 Resp: 567426
 Ion Ratio Lower Upper
 114 100
 63 22.7 0.0 45.2
 88 15.5 0.0 33.4

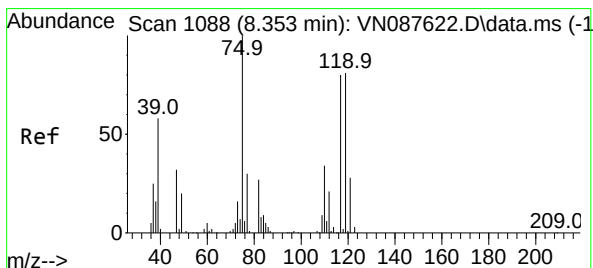
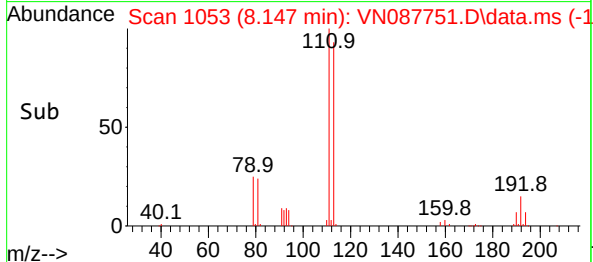
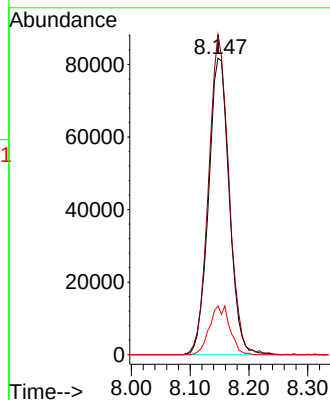
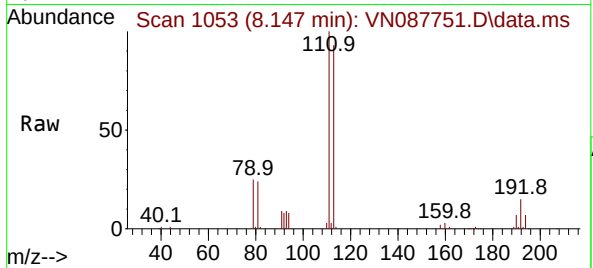




#35
Dibromofluoromethane
Concen: 48.784 ug/l
RT: 8.147 min Scan# 1053
Delta R.T. -0.006 min
Lab File: VN087751.D
Acq: 08 Sep 2025 09:59

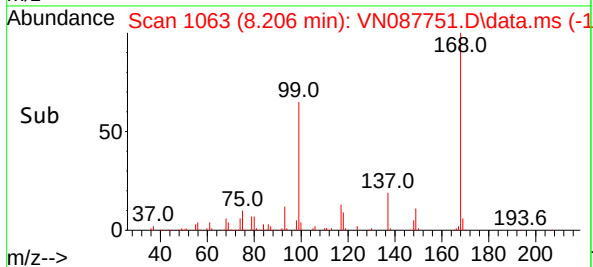
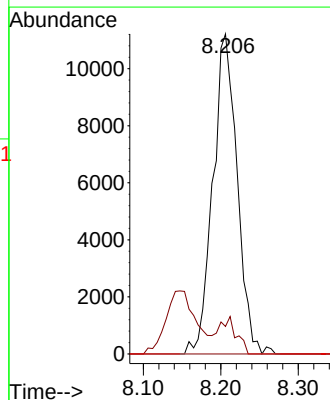
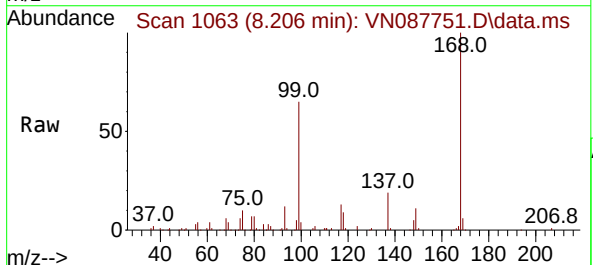
Instrument :
MSVOA_N
ClientSampleId :
VN0908WBL01

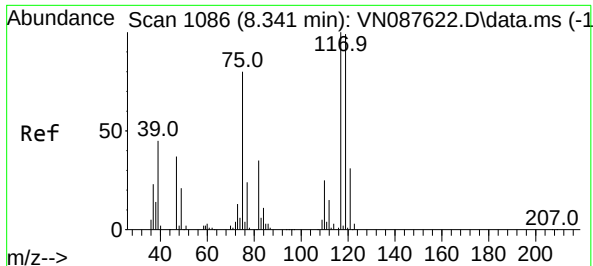
Tgt Ion: 113 Resp: 199858
Ion Ratio Lower Upper
113 100
111 106.0 82.8 124.2
192 16.2 12.8 19.2



#36
1,1-Dichloropropene
Concen: 3.883 ug/l
RT: 8.206 min Scan# 1063
Delta R.T. -0.147 min
Lab File: VN087751.D
Acq: 08 Sep 2025 09:59

Tgt Ion: 75 Resp: 24405
Ion Ratio Lower Upper
75 100
110 8.4 15.9 47.6#
77 0.0 24.4 36.6#

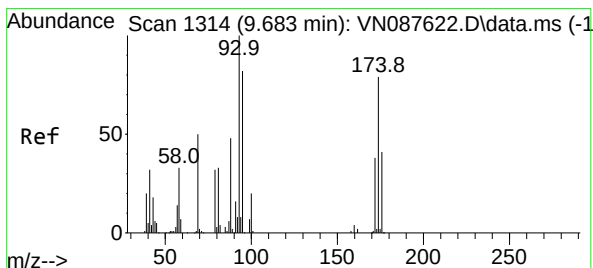
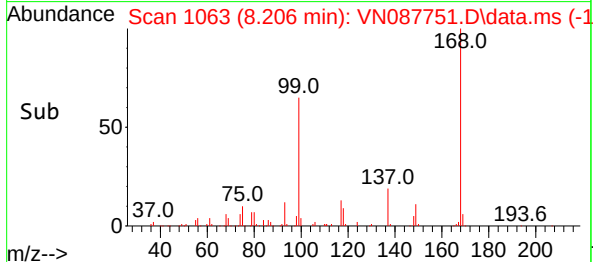
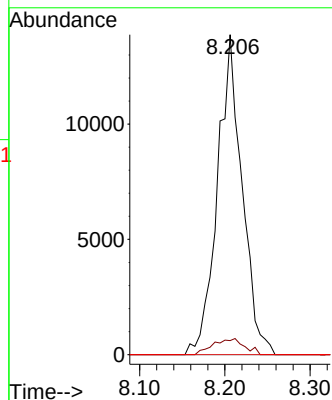
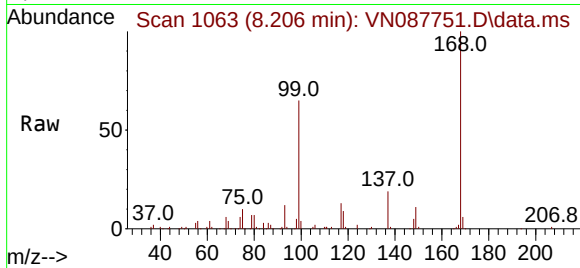




#38
Carbon Tetrachloride
Concen: 4.502 ug/l
RT: 8.206 min Scan# 117
Delta R.T. -0.135 min
Lab File: VN087751.D
Acq: 08 Sep 2025 09:59

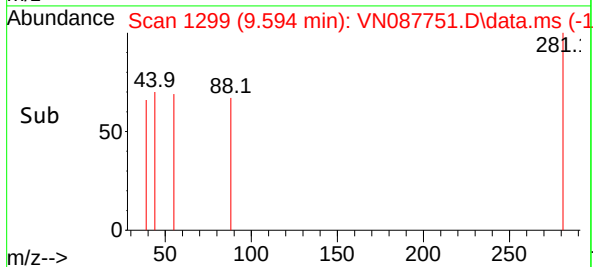
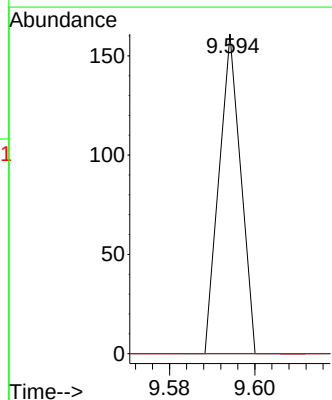
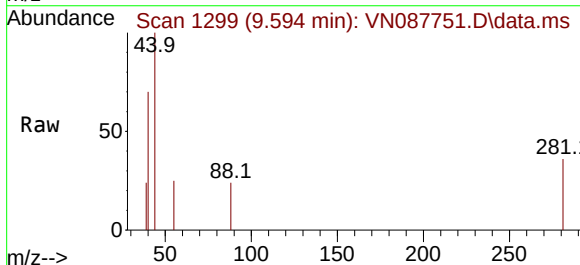
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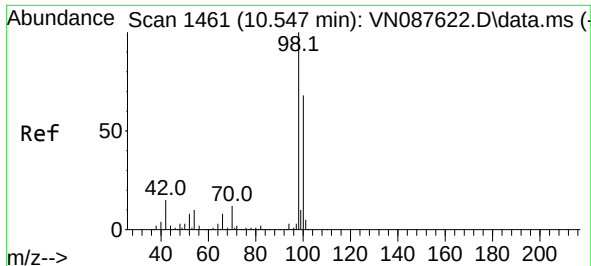
Tgt Ion:117 Resp: 27934
Ion Ratio Lower Upper
117 100
119 4.4 79.0 118.6#
121 0.0 25.0 37.6#



#49
1,4-Dioxane
Concen: 0.693 ug/l
RT: 9.594 min Scan# 1299
Delta R.T. -0.088 min
Lab File: VN087751.D
Acq: 08 Sep 2025 09:59

Tgt Ion: 88 Resp: 57
Ion Ratio Lower Upper
88 100
43 0.0 0.0 0.0
58 0.0 57.9 86.9#

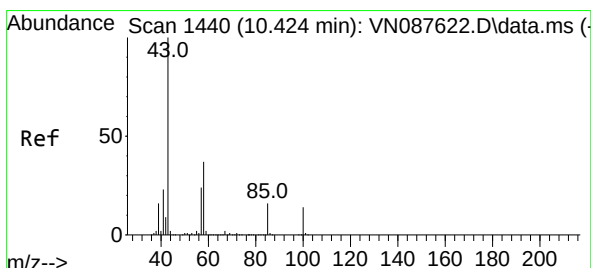
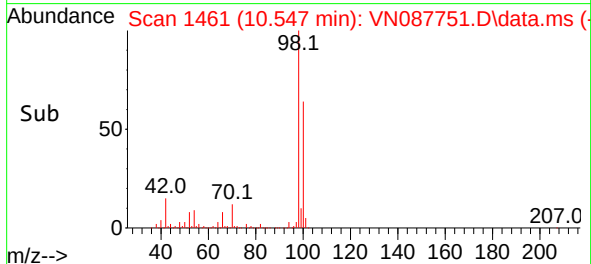
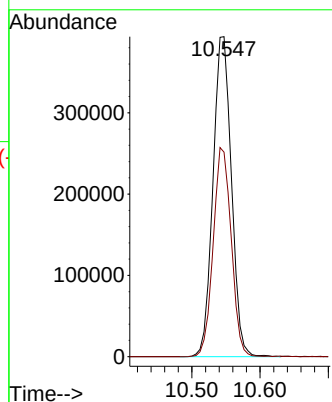
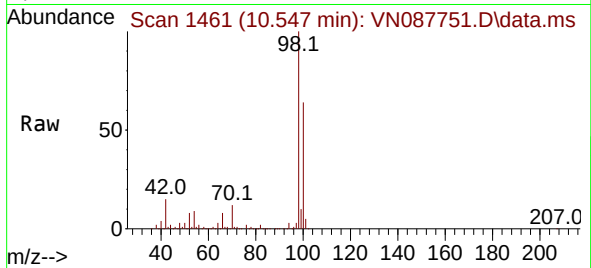




#50
Toluene-d8
Concen: 48.349 ug/l
RT: 10.547 min Scan# 1461
Delta R.T. -0.000 min
Lab File: VN087751.D
Acq: 08 Sep 2025 09:59

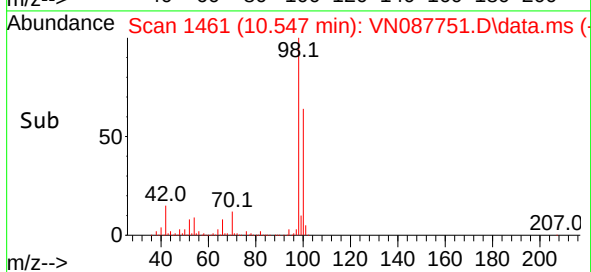
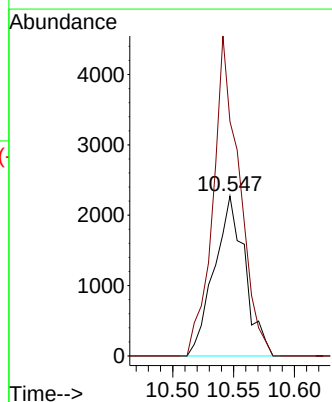
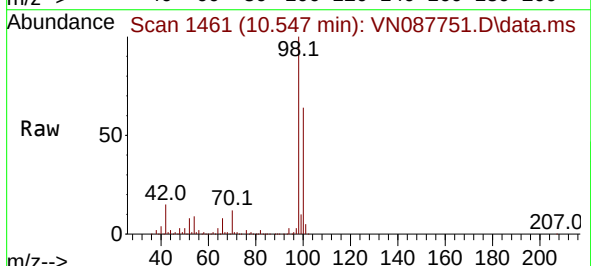
Instrument :
MSVOA_N
ClientSampleId :
VN0908WBL01

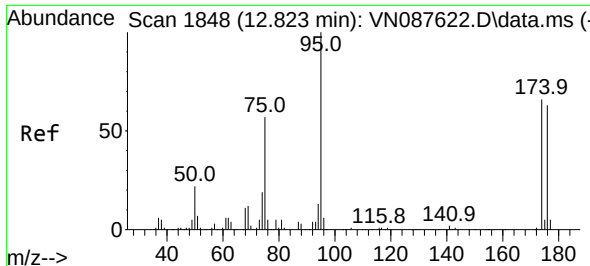
Tgt Ion: 98 Resp: 741361
Ion Ratio Lower Upper
98 100
100 63.9 52.8 79.2



#51
4-Methyl-2-Pentanone
Concen: 0.492 ug/l
RT: 10.547 min Scan# 1461
Delta R.T. 0.123 min
Lab File: VN087751.D
Acq: 08 Sep 2025 09:59

Tgt Ion: 43 Resp: 3984
Ion Ratio Lower Upper
43 100
58 171.8 29.6 44.4#

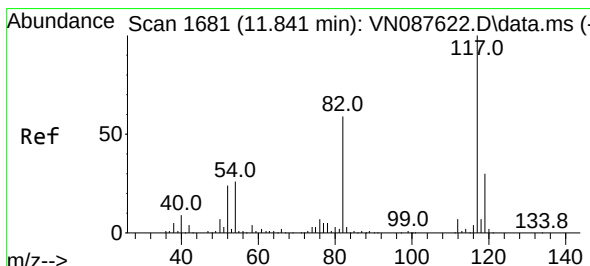
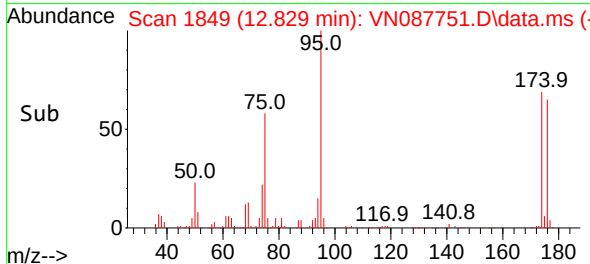
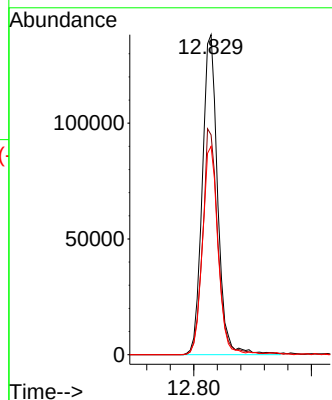
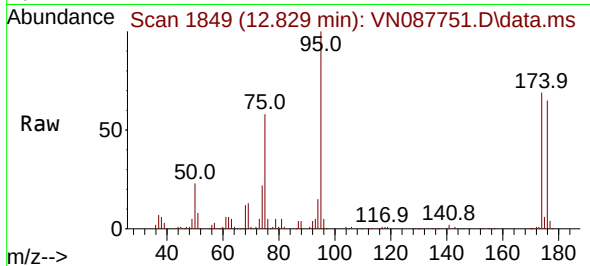




#62
4-Bromofluorobenzene
Concen: 46.013 ug/l
RT: 12.829 min Scan# 1848
Delta R.T. 0.006 min
Lab File: VN087751.D
Acq: 08 Sep 2025 09:59

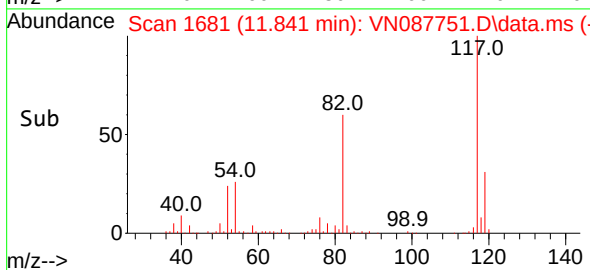
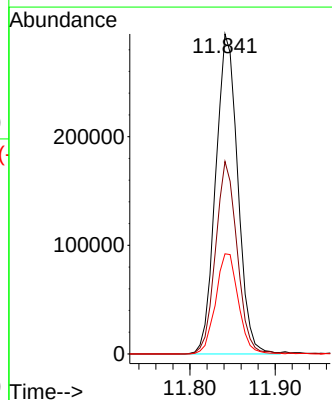
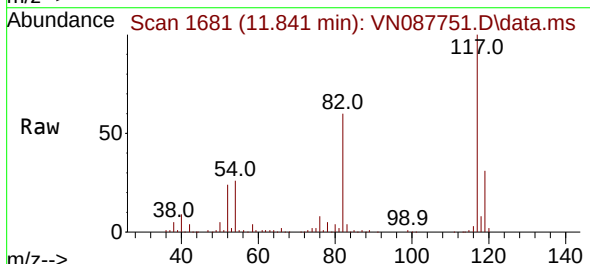
Instrument :
MSVOA_N
ClientSampleId :
VN0908WBL01

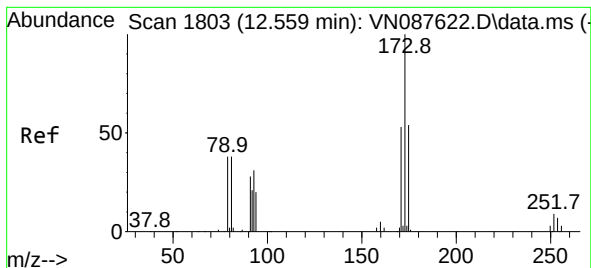
Tgt Ion: 95 Resp: 250915
Ion Ratio Lower Upper
95 100
174 70.0 0.0 138.4
176 65.5 0.0 132.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.841 min Scan# 1681
Delta R.T. -0.000 min
Lab File: VN087751.D
Acq: 08 Sep 2025 09:59

Tgt Ion: 117 Resp: 531276
Ion Ratio Lower Upper
117 100
82 60.1 47.4 71.2
119 31.3 24.3 36.5





#71

Bromoform

Concen: 0.664 ug/l

RT: 12.823 min Scan# 11

Delta R.T. 0.265 min

Lab File: VN087751.D

Acq: 08 Sep 2025 09:59

Instrument :

MSVOA_N

ClientSampleId :

VN0908WBL01

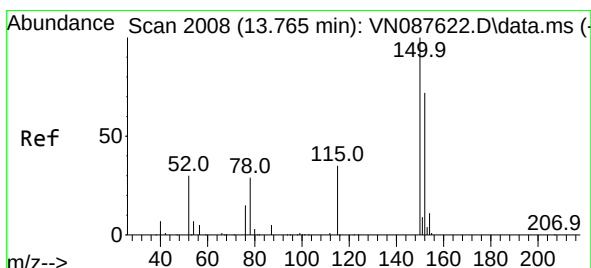
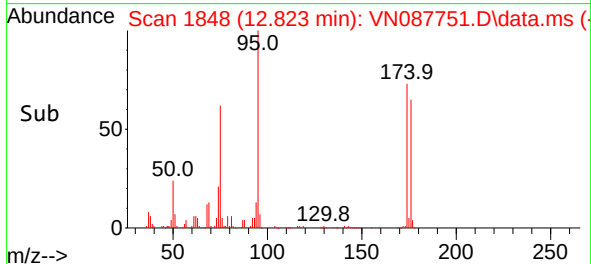
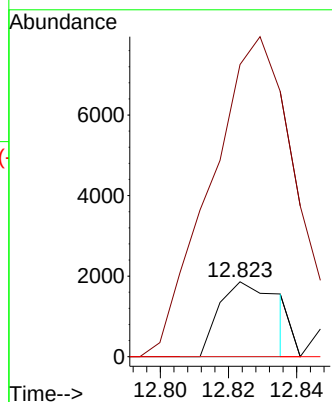
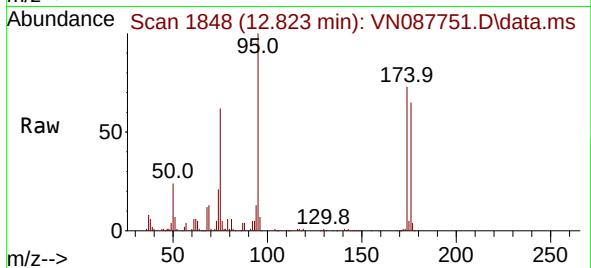
Tgt Ion:173 Resp: 2236

Ion Ratio Lower Upper

173 100

175 516.6 24.9 74.6#

254 0.0 0.1 0.1#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.770 min Scan# 2009

Delta R.T. 0.006 min

Lab File: VN087751.D

Acq: 08 Sep 2025 09:59

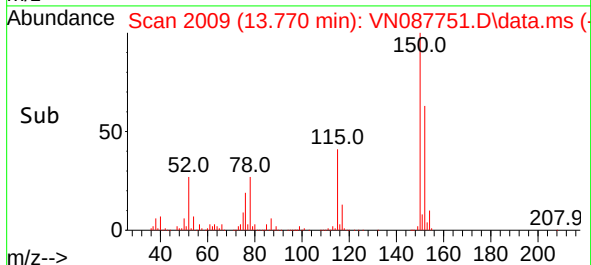
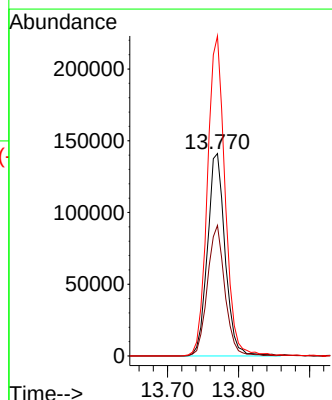
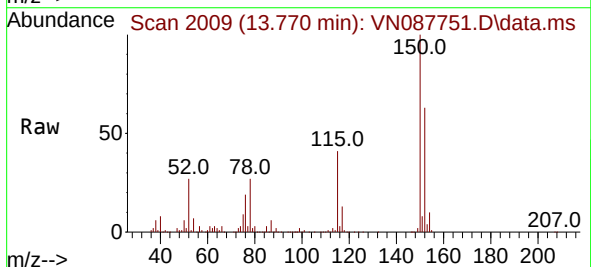
Tgt Ion:152 Resp: 244144

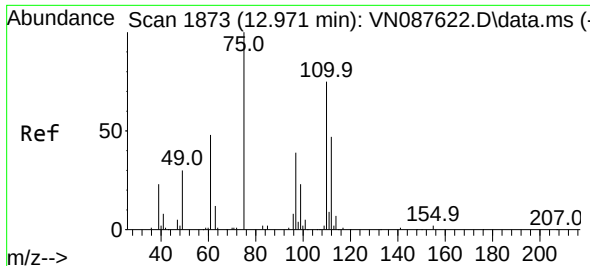
Ion Ratio Lower Upper

152 100

115 63.7 32.3 96.8

150 157.5 0.0 351.0

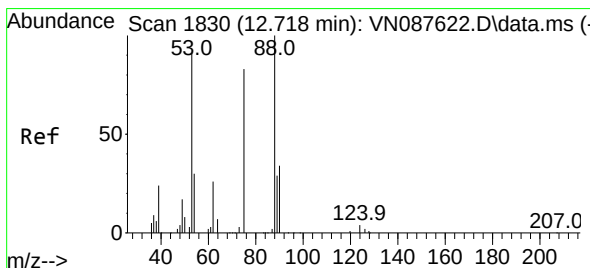
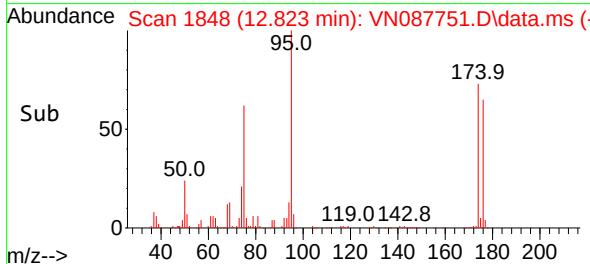
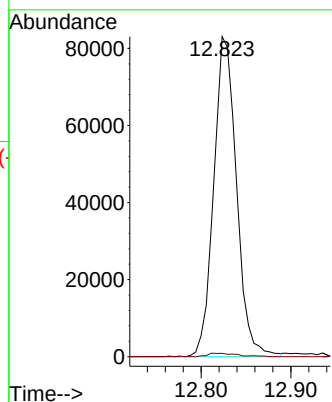
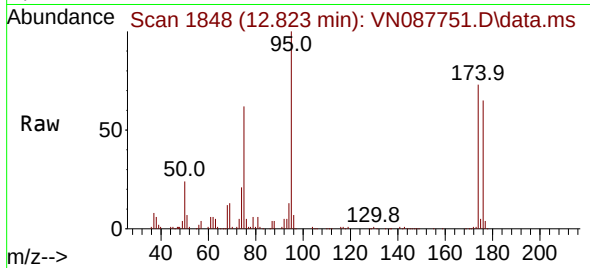




#76
1,2,3-Trichloropropane
Concen: 25.591 ug/l
RT: 12.823 min Scan# 1848
Delta R.T. -0.147 min
Lab File: VN087751.D
Acq: 08 Sep 2025 09:59

Instrument :
MSVOA_N
ClientSampleId :
VN0908WBL01

Tgt Ion: 75 Resp: 146517
Ion Ratio Lower Upper
75 100
77 1.3 89.1 267.4#



#81
trans-1,4-Dichloro-2-butene
Concen: 67.750 ug/l
RT: 12.823 min Scan# 1848
Delta R.T. 0.106 min
Lab File: VN087751.D
Acq: 08 Sep 2025 09:59

Tgt Ion: 75 Resp: 146517
Ion Ratio Lower Upper
75 100
53 0.0 101.8 152.6#
89 0.1 35.6 53.4#

