

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091925\
 Data File : VN087906.D
 Acq On : 19 Sep 2025 13:02
 Operator : JC\MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Sep 20 03:06:03 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)

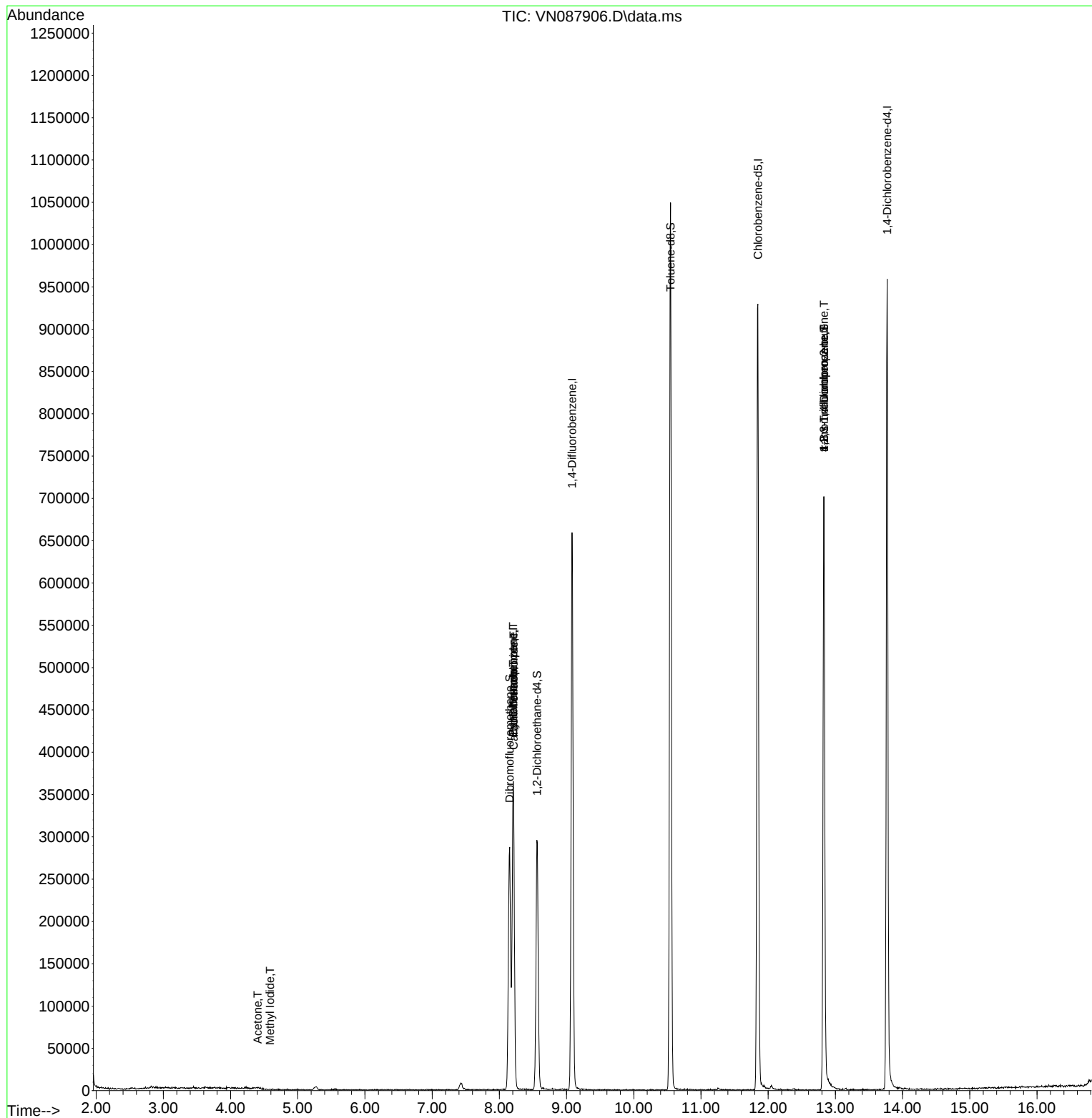
Internal Standards						
1) Pentafluorobenzene	8.206	168	257838	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.082	114	565255	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.847	117	536137	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.770	152	258655	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.559	65	242565	45.916	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	91.840%		
35) Dibromofluoromethane	8.153	113	201977	49.490	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	98.980%		
50) Toluene-d8	10.547	98	714982	46.808	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	93.620%		
62) 4-Bromofluorobenzene	12.829	95	246138	45.311	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	90.620%		
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.589	142	95	6.841	ug/l #	38
16) Acetone	4.406	43	1268	0.441	ug/l #	47
20) Methylene Chloride	5.271	84	1705	Below Cal	#	84
31) Cyclohexane	8.206	56	7409	1.115	ug/l #	43
36) 1,1-Dichloropropene	8.206	75	23163	3.700	ug/l #	52
38) Carbon Tetrachloride	8.212	117	28183	4.559	ug/l #	16
76) 1,2,3-Trichloropropane	12.829	75	134336	22.147	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.829	75	134336	58.632	ug/l #	1

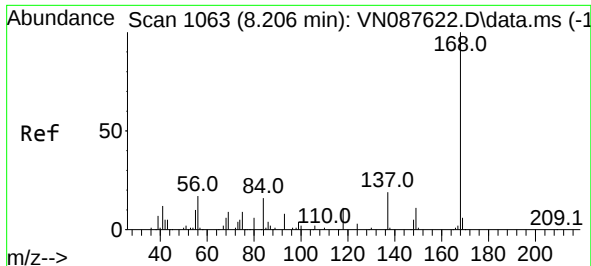
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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

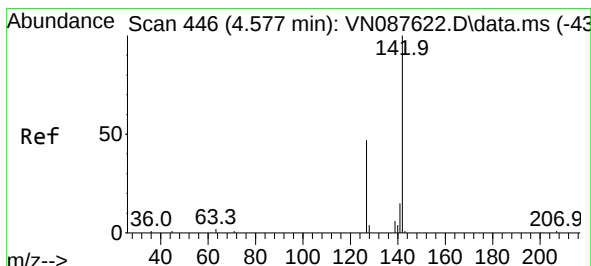
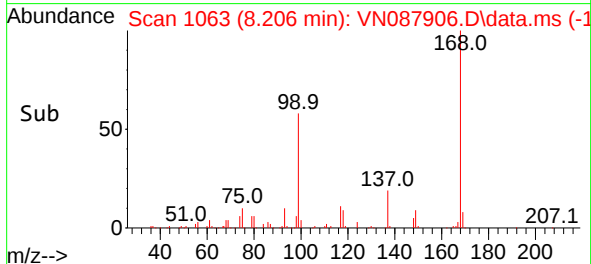
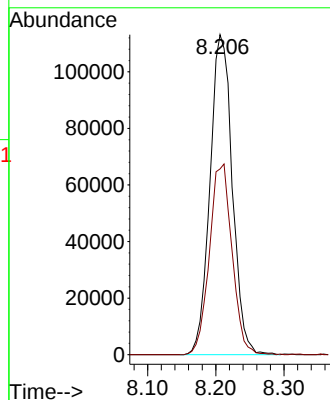
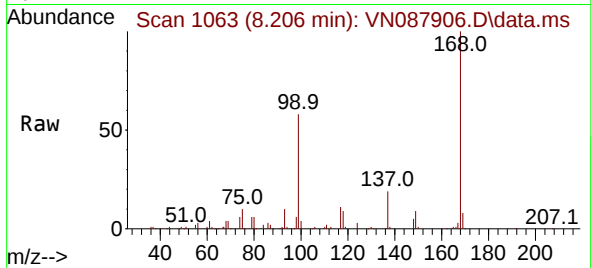




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.206 min Scan# 1063
Delta R.T. 0.000 min
Lab File: VN087906.D
Acq: 19 Sep 2025 13:02

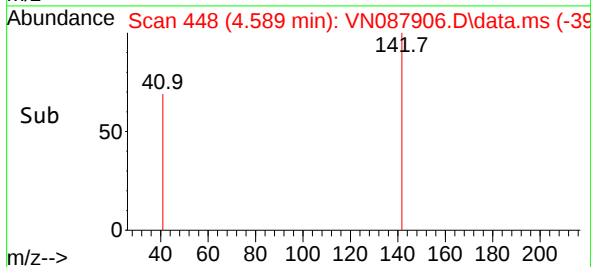
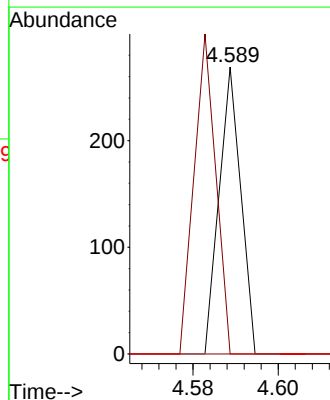
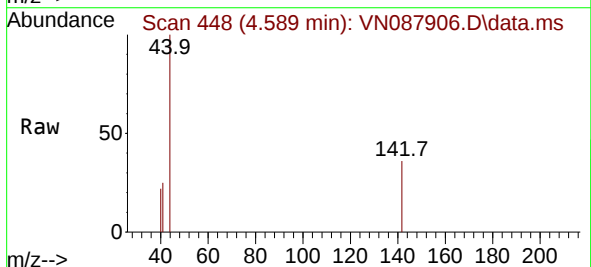
Instrument :
MSVOA_N
ClientSampleId :

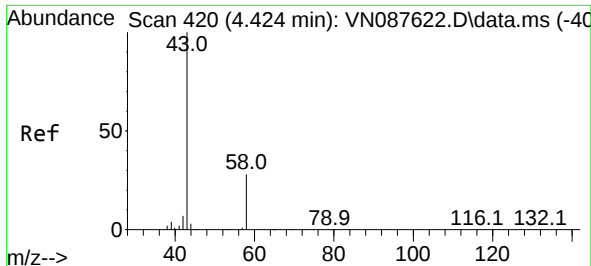
Tgt Ion:168 Resp: 257838
Ion Ratio Lower Upper
168 100
99 58.1 57.2 85.8



#10
Methyl Iodide
Concen: 6.841 ug/l
RT: 4.589 min Scan# 448
Delta R.T. 0.012 min
Lab File: VN087906.D
Acq: 19 Sep 2025 13:02

Tgt Ion:142 Resp: 95
Ion Ratio Lower Upper
142 100
127 0.0 38.0 57.0#
141 0.0 12.0 18.0#

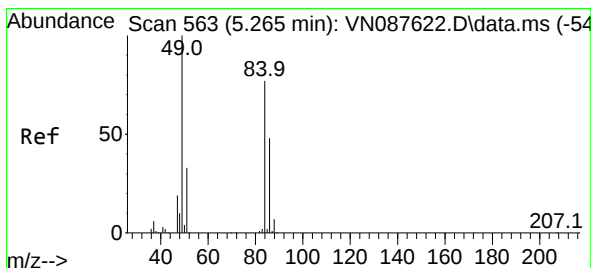
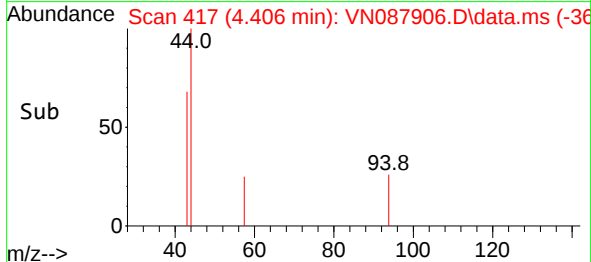
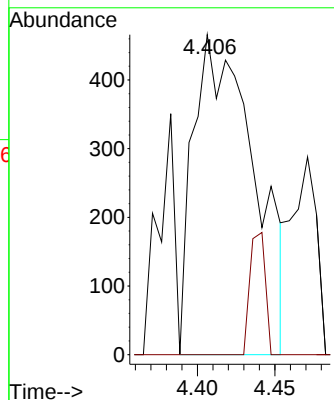
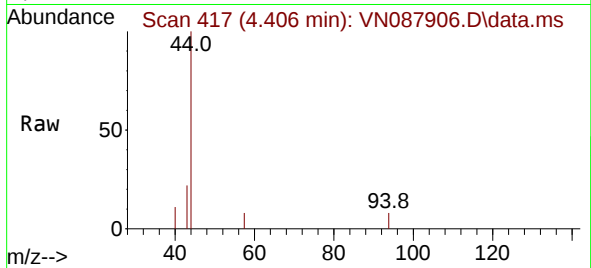




#16
Acetone
Concen: 0.441 ug/l
RT: 4.406 min Scan# 41
Delta R.T. -0.018 min
Lab File: VN087906.D
Acq: 19 Sep 2025 13:02

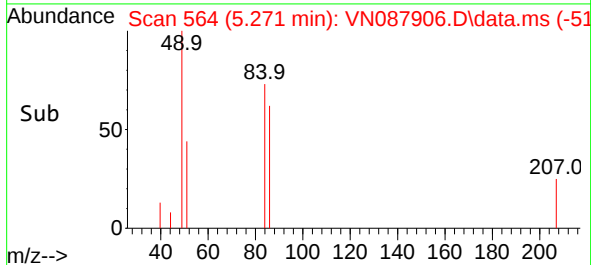
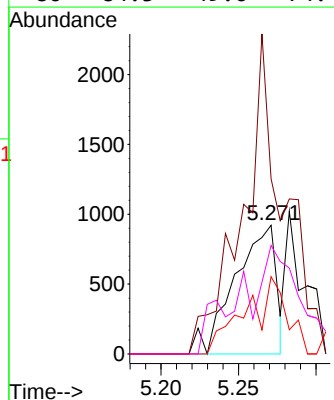
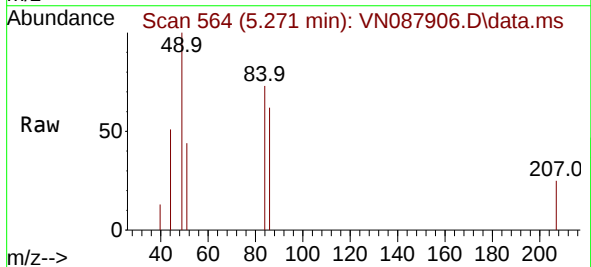
Instrument :
MSVOA_N
ClientSampleId :

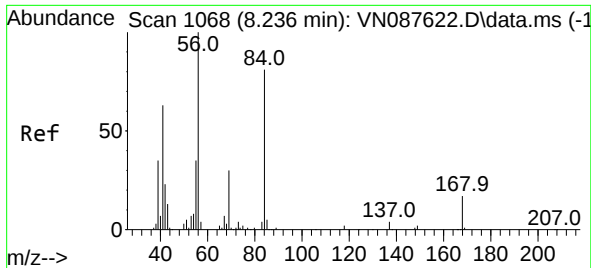
Tgt Ion: 43 Resp: 1268
Ion Ratio Lower Upper
43 100
58 0.0 22.6 33.8#



#20
Methylene Chloride
Concen: Below Cal
RT: 5.271 min Scan# 564
Delta R.T. 0.006 min
Lab File: VN087906.D
Acq: 19 Sep 2025 13:02

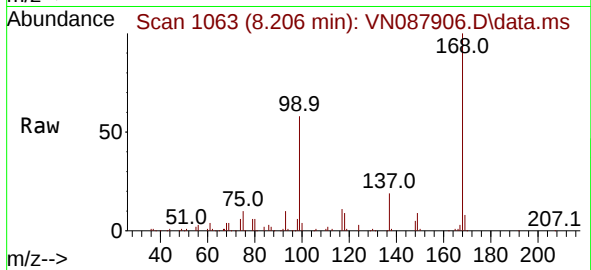
Tgt Ion: 84 Resp: 1705
Ion Ratio Lower Upper
84 100
49 136.2 103.4 155.2
51 60.0 33.8 50.8#
86 84.3 49.6 74.4#



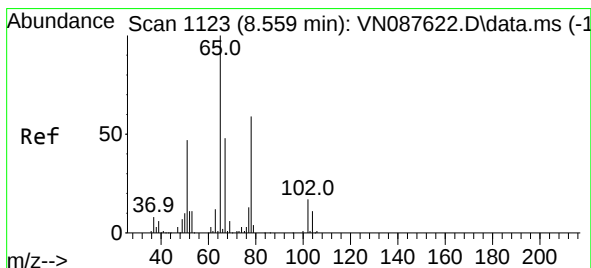
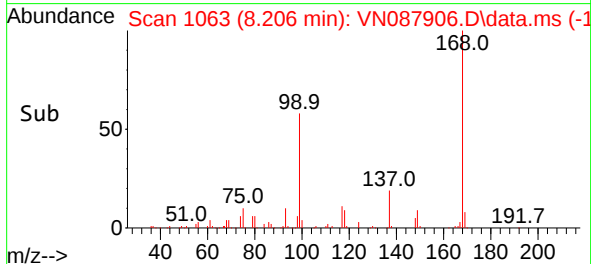
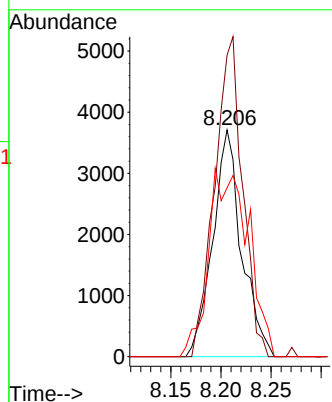


#31
Cyclohexane
Concen: 1.115 ug/l
RT: 8.206 min Scan# 1063
Delta R.T. -0.029 min
Lab File: VN087906.D
Acq: 19 Sep 2025 13:02

Instrument :
MSVOA_N
ClientSampleId :

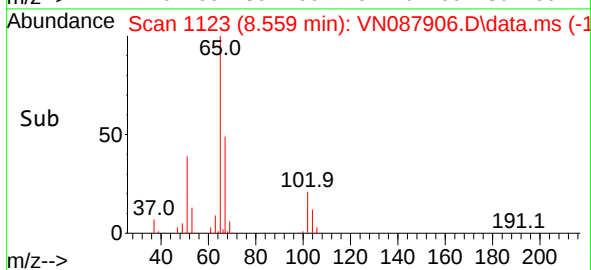
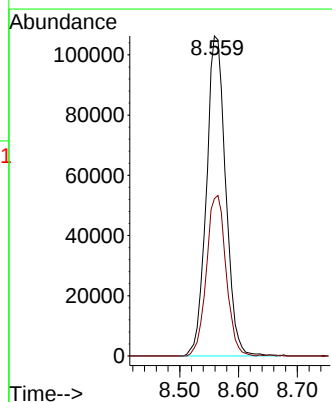
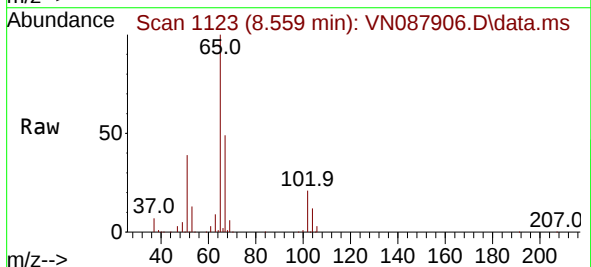


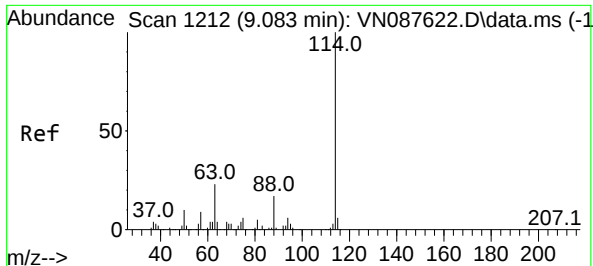
Tgt Ion: 56 Resp: 7409
Ion Ratio Lower Upper
56 100
69 133.1 23.7 35.5#
84 74.5 64.7 97.1



#33
1,2-Dichloroethane-d4
Concen: 45.916 ug/l
RT: 8.559 min Scan# 1123
Delta R.T. -0.000 min
Lab File: VN087906.D
Acq: 19 Sep 2025 13:02

Tgt Ion: 65 Resp: 242565
Ion Ratio Lower Upper
65 100
67 51.0 0.0 100.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.082 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN087906.D

Acq: 19 Sep 2025 13:02

Instrument :

MSVOA_N

ClientSampleId :

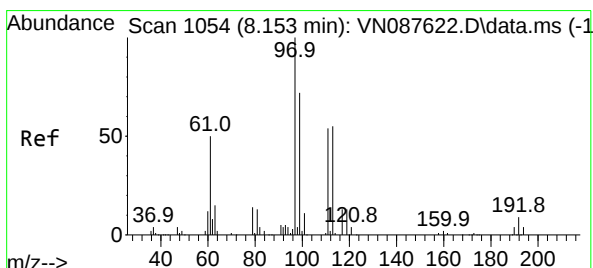
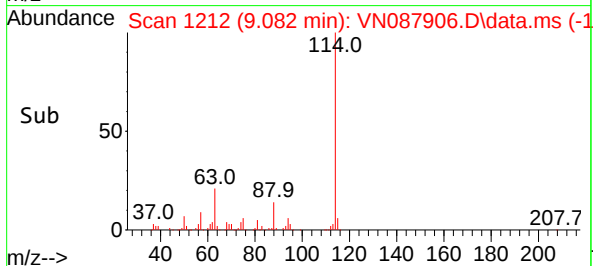
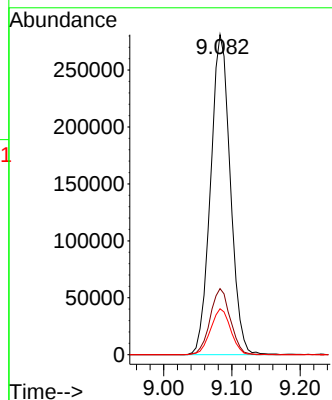
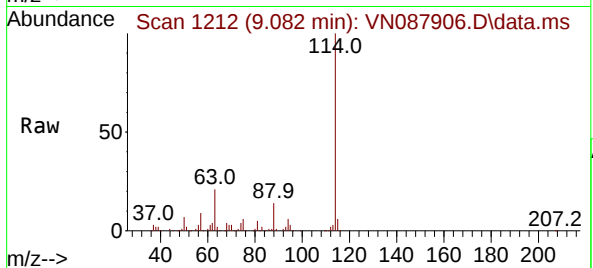
Tgt Ion:114 Resp: 565255

Ion Ratio Lower Upper

114 100

63 20.6 0.0 45.2

88 14.3 0.0 33.4



#35

Dibromofluoromethane

Concen: 49.490 ug/l

RT: 8.153 min Scan# 1054

Delta R.T. -0.000 min

Lab File: VN087906.D

Acq: 19 Sep 2025 13:02

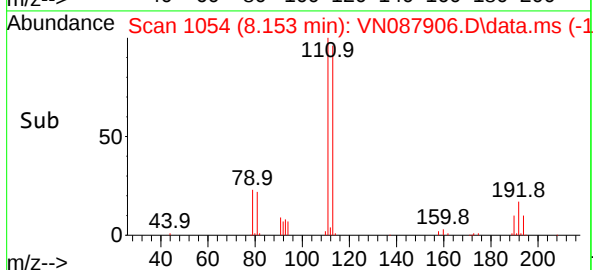
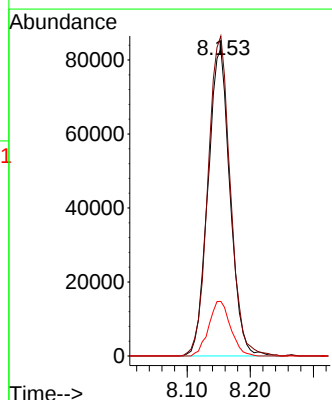
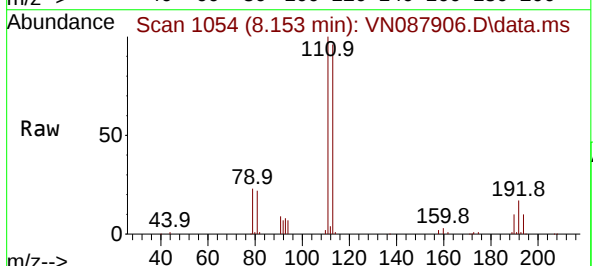
Tgt Ion:113 Resp: 201977

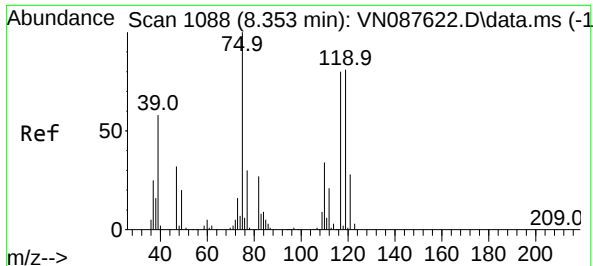
Ion Ratio Lower Upper

113 100

111 105.0 82.8 124.2

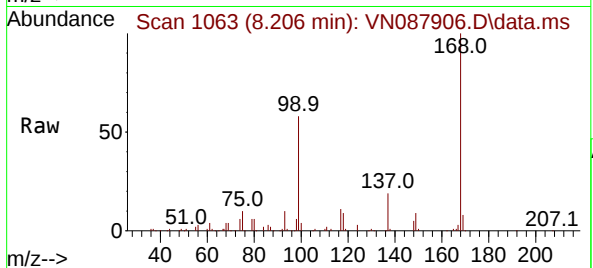
192 17.5 12.8 19.2



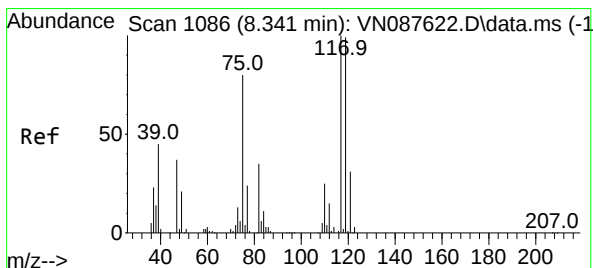
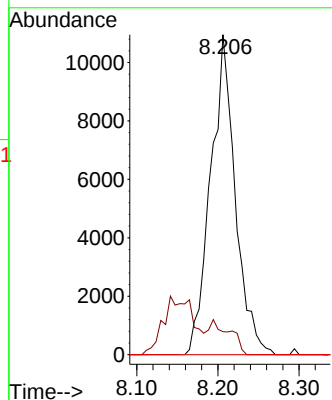
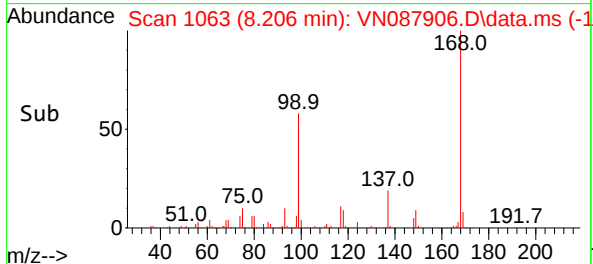


#36
 1,1-Dichloropropene
 Concen: 3.700 ug/l
 RT: 8.206 min Scan# 1063
 Delta R.T. -0.147 min
 Lab File: VN087906.D
 Acq: 19 Sep 2025 13:02

Instrument :
 MSVOA_N
 ClientSampleId :

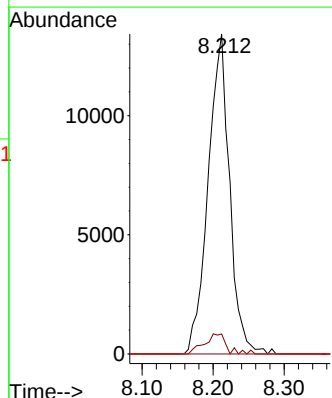
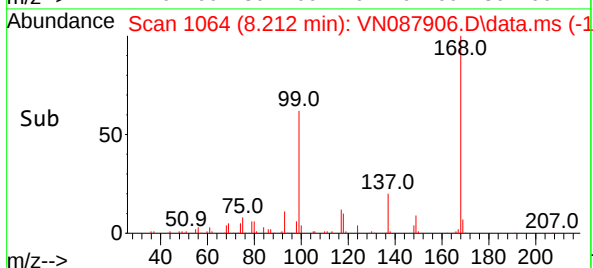
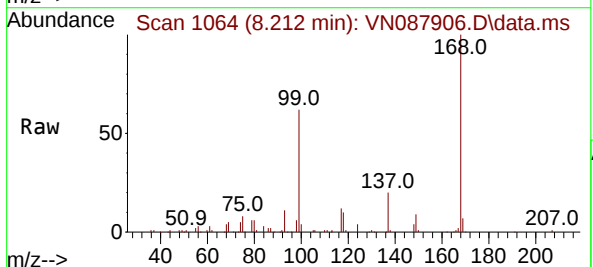


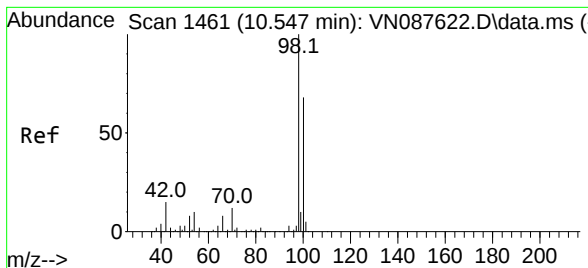
Tgt Ion: 75 Resp: 23163
 Ion Ratio Lower Upper
 75 100
 110 9.4 15.9 47.6#
 77 0.0 24.4 36.6#



#38
 Carbon Tetrachloride
 Concen: 4.559 ug/l
 RT: 8.212 min Scan# 1064
 Delta R.T. -0.129 min
 Lab File: VN087906.D
 Acq: 19 Sep 2025 13:02

Tgt Ion: 117 Resp: 28183
 Ion Ratio Lower Upper
 117 100
 119 6.3 79.0 118.6#
 121 0.0 25.0 37.6#

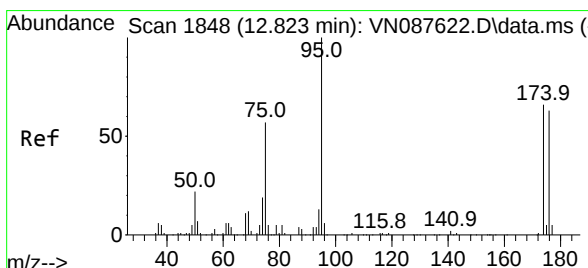
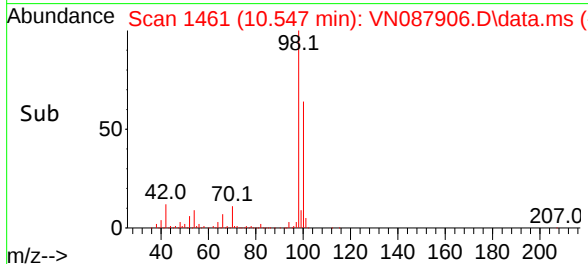
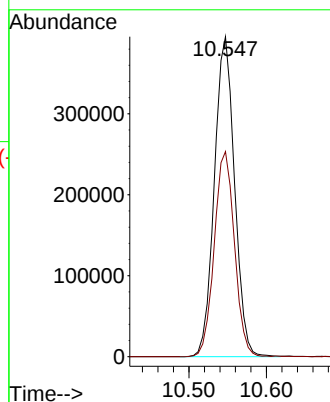
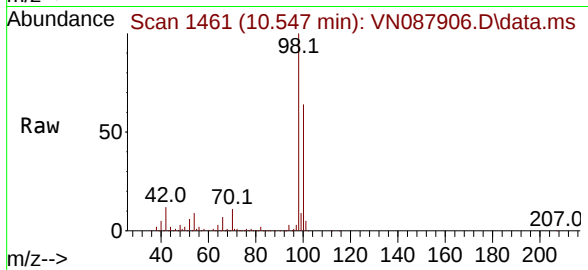




#50
Toluene-d8
Concen: 46.808 ug/l
RT: 10.547 min Scan# 1461
Delta R.T. -0.000 min
Lab File: VN087906.D
Acq: 19 Sep 2025 13:02

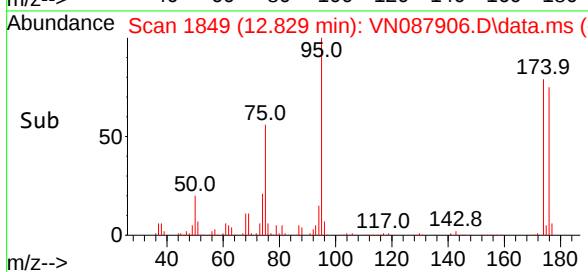
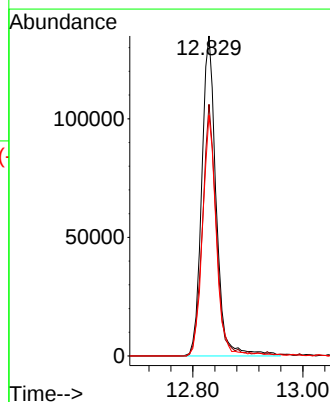
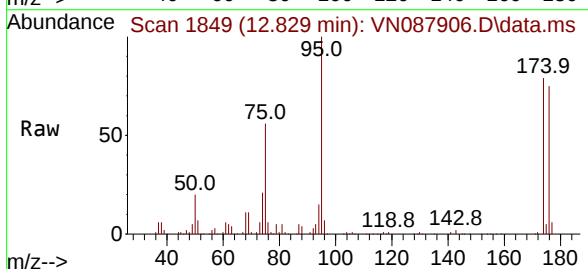
Instrument :
MSVOA_N
ClientSampleId :

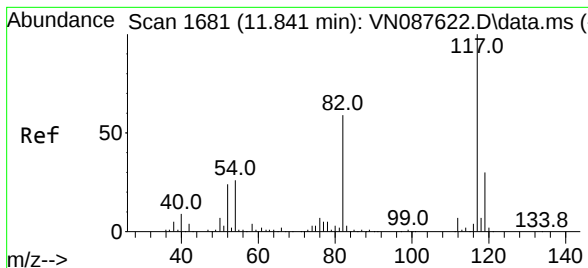
Tgt Ion: 98 Resp: 714982
Ion Ratio Lower Upper
98 100
100 64.1 52.8 79.2



#62
4-Bromofluorobenzene
Concen: 45.311 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. 0.006 min
Lab File: VN087906.D
Acq: 19 Sep 2025 13:02

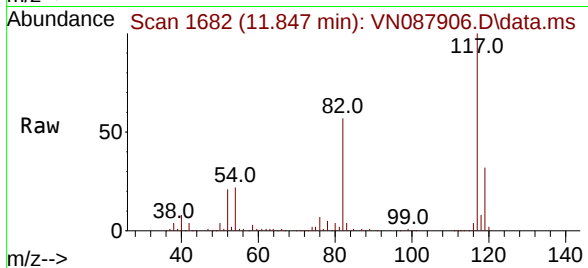
Tgt Ion: 95 Resp: 246138
Ion Ratio Lower Upper
95 100
174 75.2 0.0 138.4
176 71.1 0.0 132.6



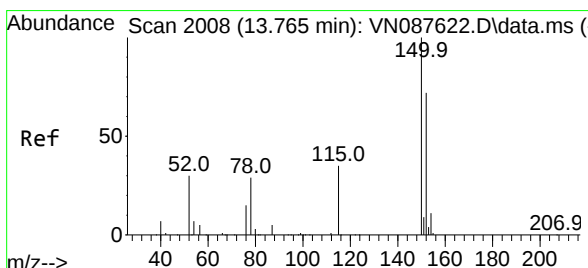
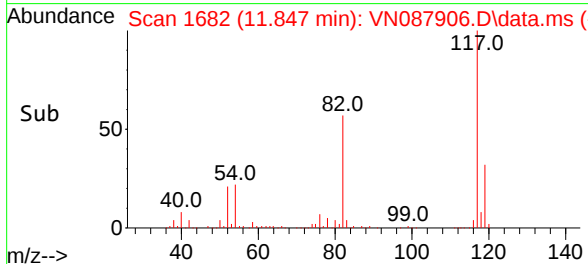
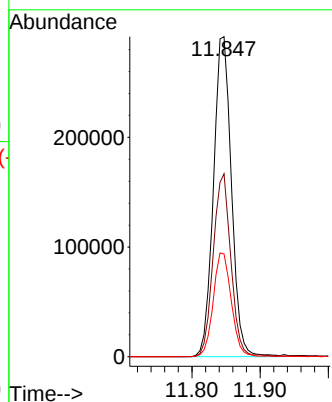


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.847 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN087906.D
Acq: 19 Sep 2025 13:02

Instrument :
MSVOA_N
ClientSampleId :

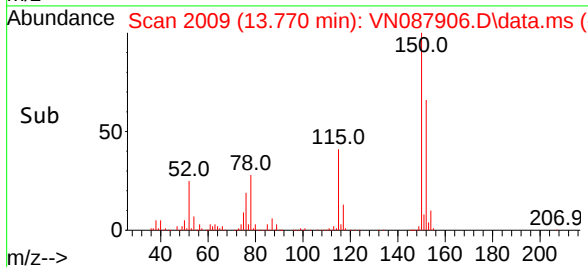
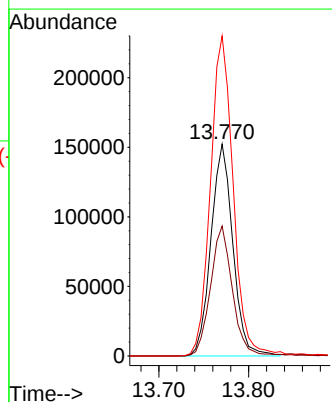
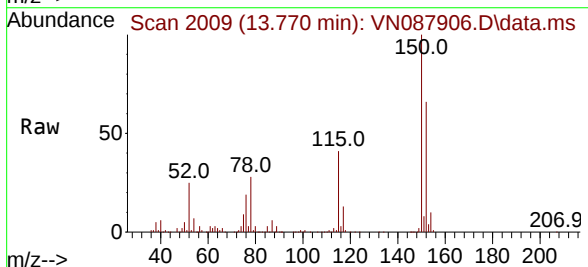


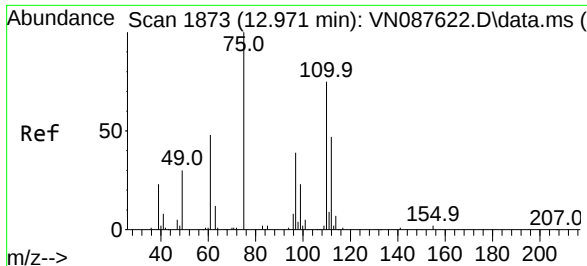
Tgt Ion:117 Resp: 536137
Ion Ratio Lower Upper
117 100
82 57.1 47.4 71.2
119 32.1 24.3 36.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.770 min Scan# 2009
Delta R.T. 0.006 min
Lab File: VN087906.D
Acq: 19 Sep 2025 13:02

Tgt Ion:152 Resp: 258655
Ion Ratio Lower Upper
152 100
115 61.5 32.3 96.8
150 156.3 0.0 351.0

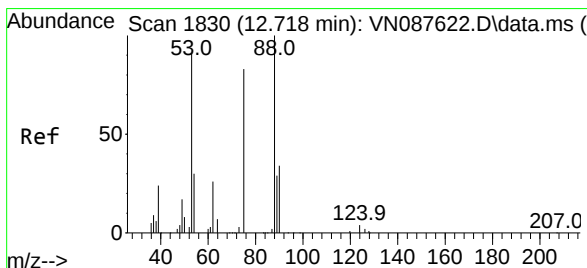
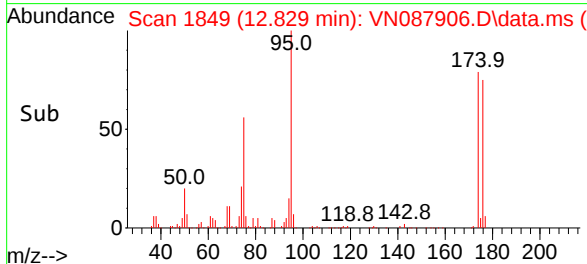
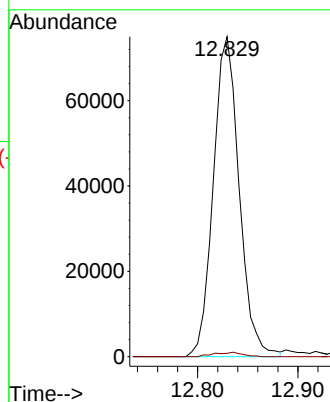
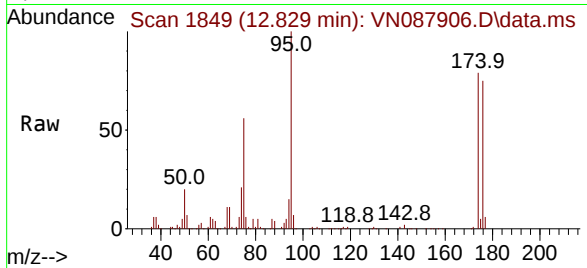




#76
1,2,3-Trichloropropane
Concen: 22.147 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. -0.141 min
Lab File: VN087906.D
Acq: 19 Sep 2025 13:02

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 75 Resp: 134336
Ion Ratio Lower Upper
75 100
77 1.5 89.1 267.4#



#81
trans-1,4-Dichloro-2-butene
Concen: 58.632 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. 0.112 min
Lab File: VN087906.D
Acq: 19 Sep 2025 13:02

Tgt Ion: 75 Resp: 134336
Ion Ratio Lower Upper
75 100
53 0.1 101.8 152.6#
89 0.1 35.6 53.4#

