

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN090525\
 Data File : VN087742.D
 Acq On : 05 Sep 2025 15:03
 Operator : JC\MD
 Sample : Q3029-03
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Sep 06 01:07:00 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)

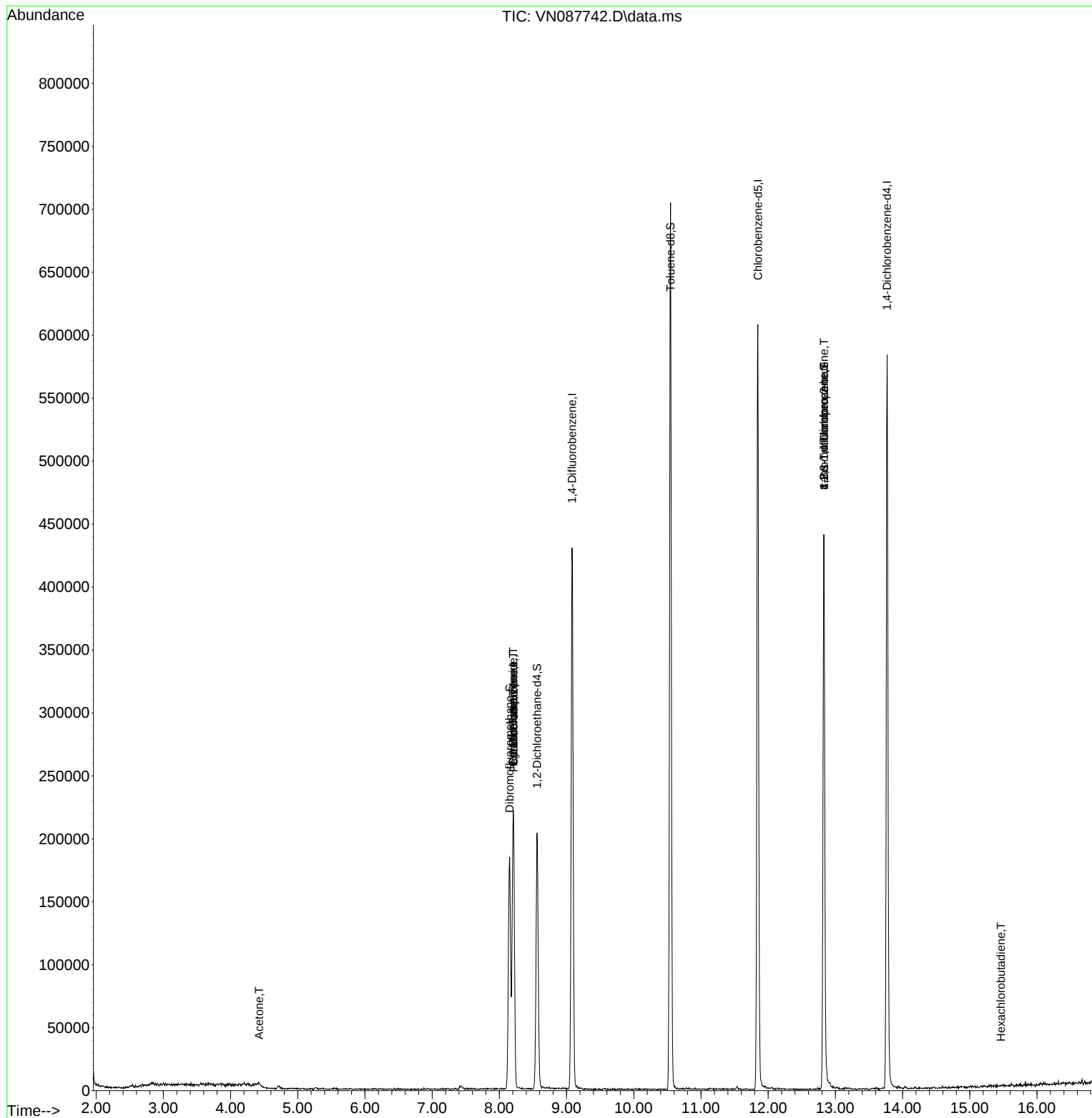
Internal Standards						
1) Pentafluorobenzene	8.212	168	152703	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.083	114	352000	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.847	117	328536	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.770	152	152855	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.559	65	161621	51.657	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	= 103.320%		
35) Dibromofluoromethane	8.153	113	130125	51.201	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 102.400%		
50) Toluene-d8	10.547	98	458172	48.167	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	= 96.340%		
62) 4-Bromofluorobenzene	12.829	95	151400	44.756	ug/l	0.00
Spiked Amount	50.000	Range 77 - 121	Recovery	= 89.520%		
Target Compounds						
					Qvalue	
16) Acetone	4.424	43	2304	1.353	ug/l #	61
20) Methylene Chloride	5.265	84	418	Below Cal	#	81
31) Cyclohexane	8.206	56	4707	1.196	ug/l #	50
36) 1,1-Dichloropropene	8.206	75	15784	4.048	ug/l #	50
38) Carbon Tetrachloride	8.206	117	16462	4.276	ug/l #	15
76) 1,2,3-Trichloropropane	12.829	75	90841	25.343	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.829	75	90841	67.091	ug/l #	1
94) Hexachlorobutadiene	15.464	225	243	0.209	ug/l #	39

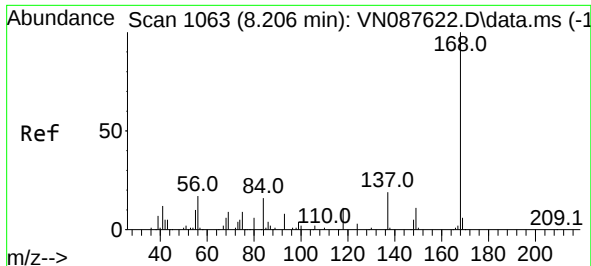
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN090525\
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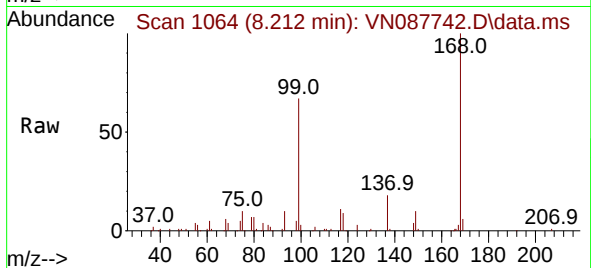
Quant Time: Sep 06 01:07:00 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N082125W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 22 02:55:42 2025
Response via : Initial Calibration



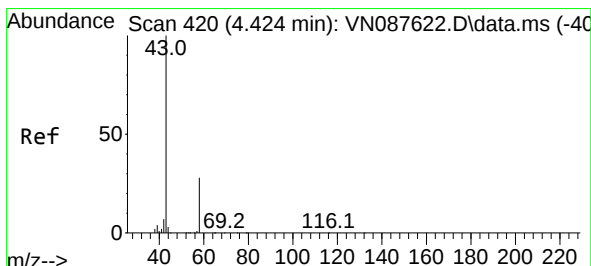
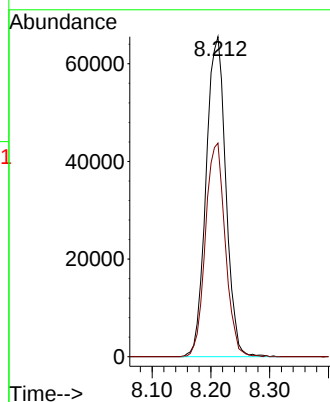
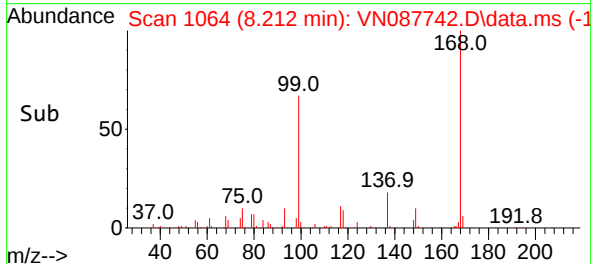


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.212 min Scan# 1064
Delta R.T. 0.006 min
Lab File: VN087742.D
Acq: 05 Sep 2025 15:03

Instrument :
MSVOA_N
ClientSampleId :

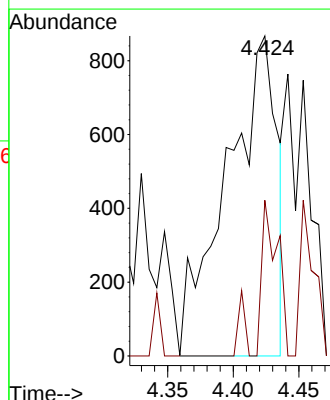
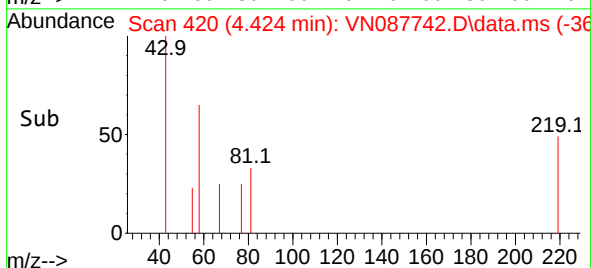
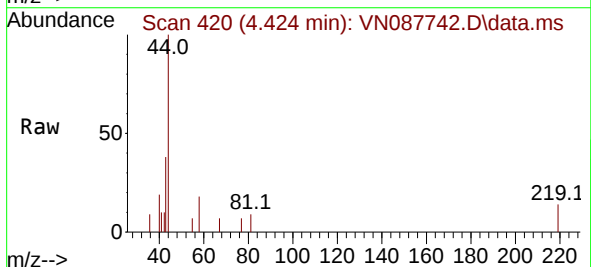


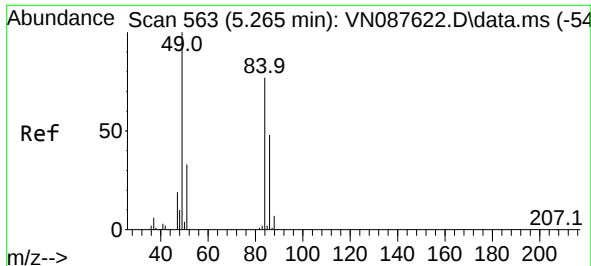
Tgt Ion:168 Resp: 152703
Ion Ratio Lower Upper
168 100
99 66.8 57.2 85.8



#16
Acetone
Concen: 1.353 ug/l
RT: 4.424 min Scan# 420
Delta R.T. -0.000 min
Lab File: VN087742.D
Acq: 05 Sep 2025 15:03

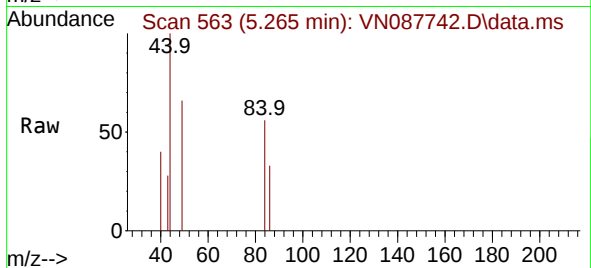
Tgt Ion: 43 Resp: 2304
Ion Ratio Lower Upper
43 100
58 48.7 22.6 33.8#





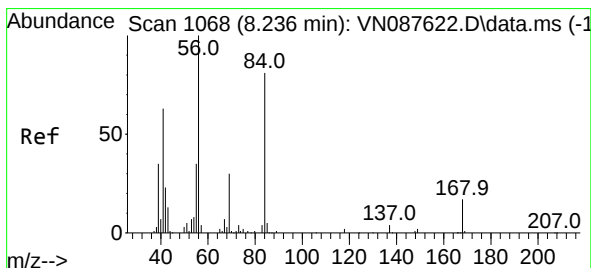
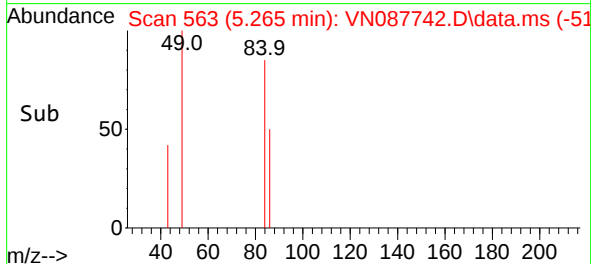
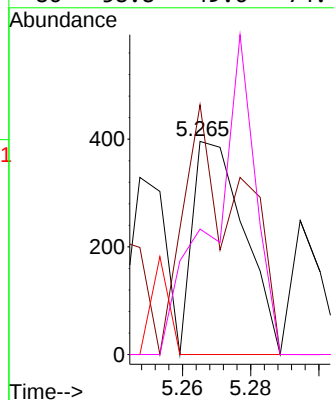
#20
Methylene Chloride
Concen: Below Cal
RT: 5.265 min Scan# 51
Delta R.T. 0.000 min
Lab File: VN087742.D
Acq: 05 Sep 2025 15:03

Instrument :
MSVOA_N
ClientSampleId :



Tgt Ion: 84 Resp: 418

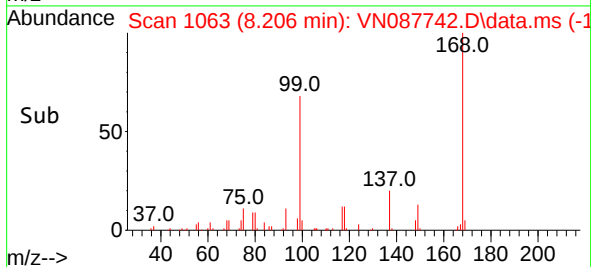
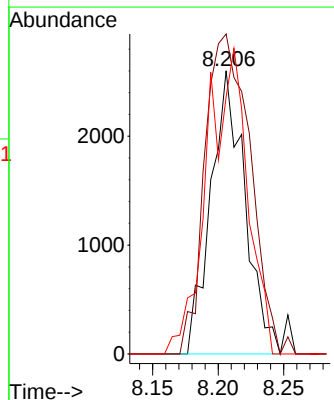
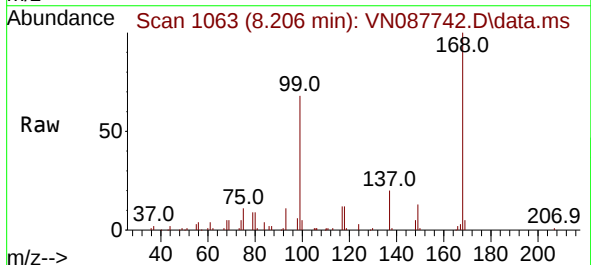
Ion	Ratio	Lower	Upper
84	100		
49	117.2	103.4	155.2
51	0.0	33.8	50.8#
86	58.8	49.6	74.4

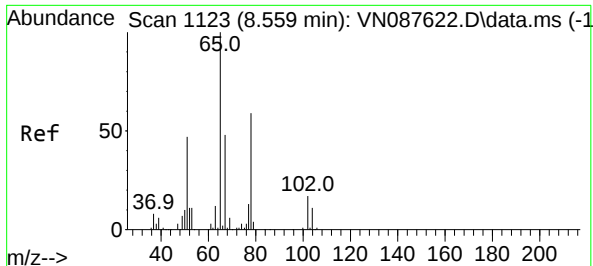


#31
Cyclohexane
Concen: 1.196 ug/l
RT: 8.206 min Scan# 1063
Delta R.T. -0.029 min
Lab File: VN087742.D
Acq: 05 Sep 2025 15:03

Tgt Ion: 56 Resp: 4707

Ion	Ratio	Lower	Upper
56	100		
69	113.0	23.7	35.5#
84	90.8	64.7	97.1





#33

1,2-Dichloroethane-d4

Concen: 51.657 ug/l

RT: 8.559 min Scan# 1123

Delta R.T. -0.000 min

Lab File: VN087742.D

Acq: 05 Sep 2025 15:03

Instrument :

MSVOA_N

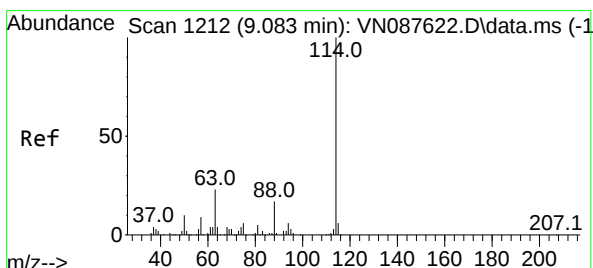
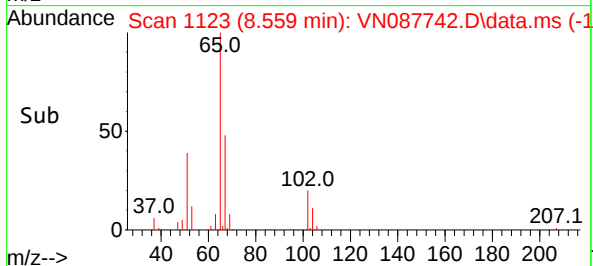
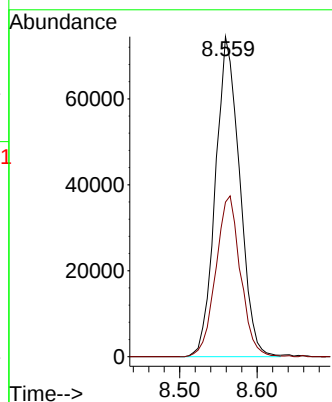
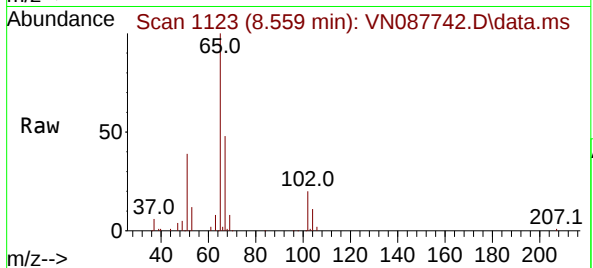
ClientSampleId :

Tgt Ion: 65 Resp: 161621

Ion Ratio Lower Upper

65 100

67 51.4 0.0 100.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.083 min Scan# 1212

Delta R.T. -0.000 min

Lab File: VN087742.D

Acq: 05 Sep 2025 15:03

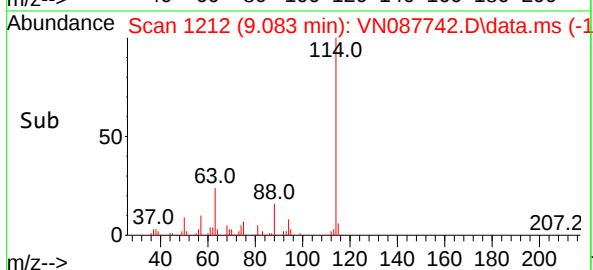
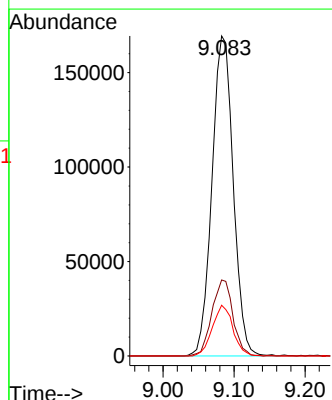
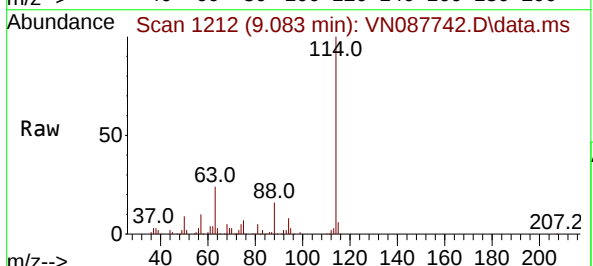
Tgt Ion: 114 Resp: 352000

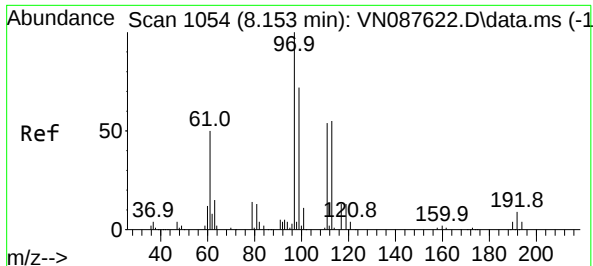
Ion Ratio Lower Upper

114 100

63 23.7 0.0 45.2

88 15.8 0.0 33.4





#35

Dibromofluoromethane

Concen: 51.201 ug/l

RT: 8.153 min Scan# 1063

Delta R.T. -0.000 min

Lab File: VN087742.D

Acq: 05 Sep 2025 15:03

Instrument :

MSVOA_N

ClientSampleId :

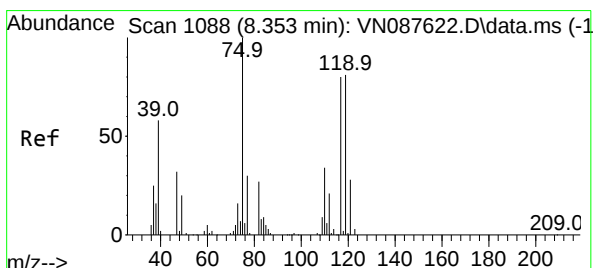
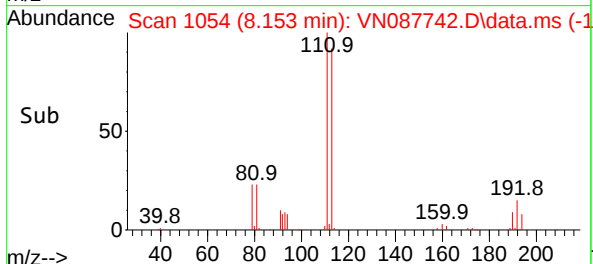
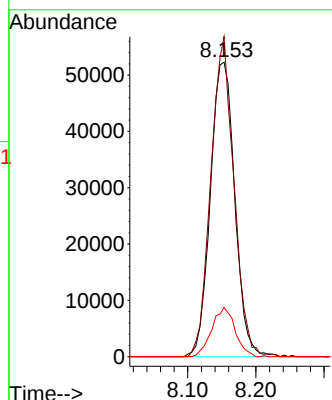
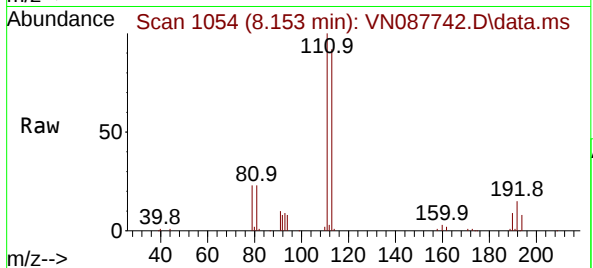
Tgt Ion:113 Resp: 130125

Ion Ratio Lower Upper

113 100

111 102.9 82.8 124.2

192 16.0 12.8 19.2



#36

1,1-Dichloropropene

Concen: 4.048 ug/l

RT: 8.206 min Scan# 1063

Delta R.T. -0.147 min

Lab File: VN087742.D

Acq: 05 Sep 2025 15:03

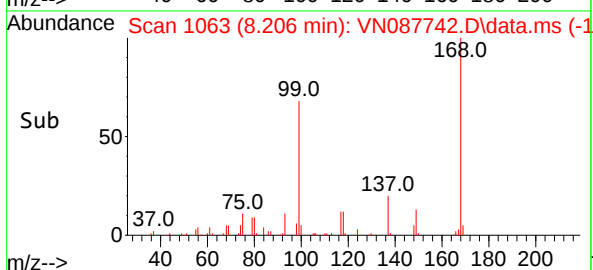
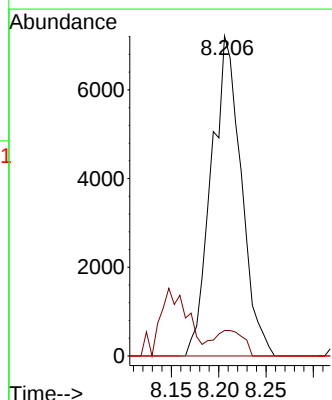
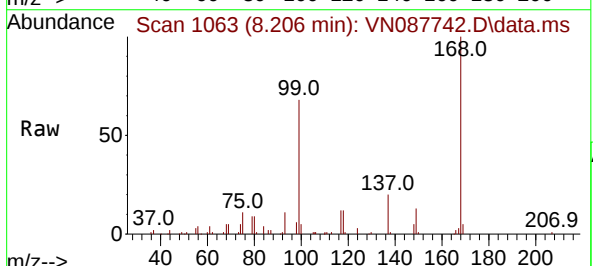
Tgt Ion: 75 Resp: 15784

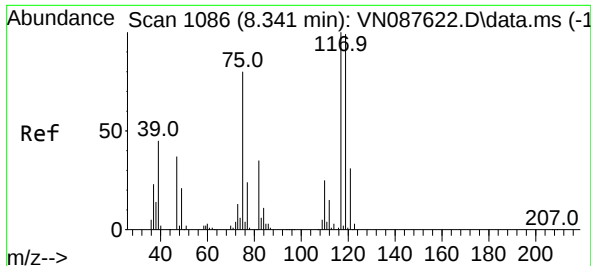
Ion Ratio Lower Upper

75 100

110 7.5 15.9 47.6#

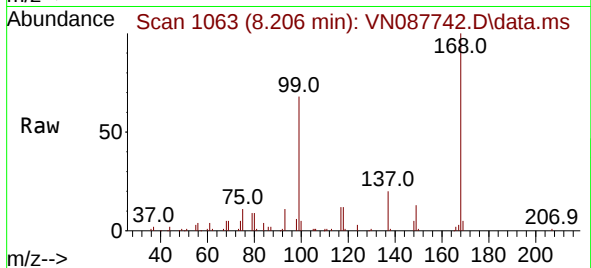
77 0.0 24.4 36.6#



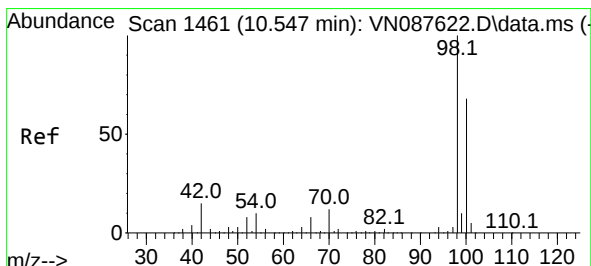
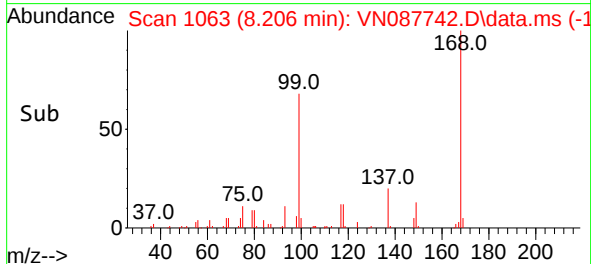
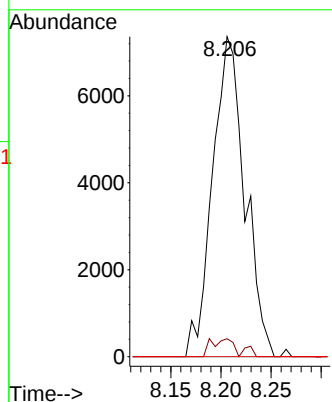


#38
Carbon Tetrachloride
Concen: 4.276 ug/l
RT: 8.206 min Scan# 1063
Delta R.T. -0.135 min
Lab File: VN087742.D
Acq: 05 Sep 2025 15:03

Instrument :
MSVOA_N
ClientSampleId :

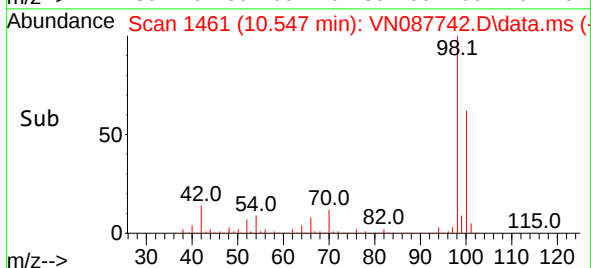
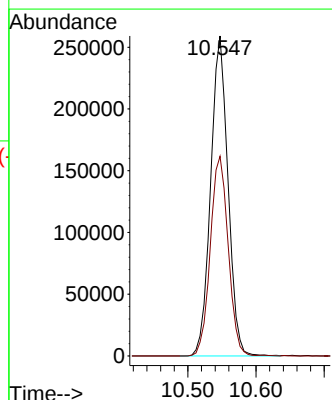
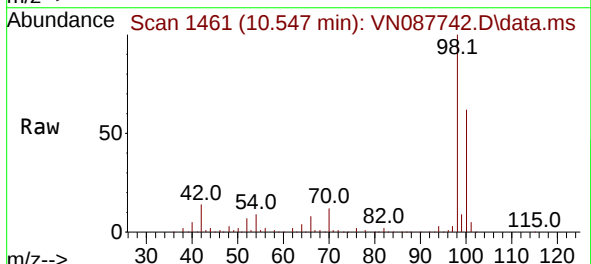


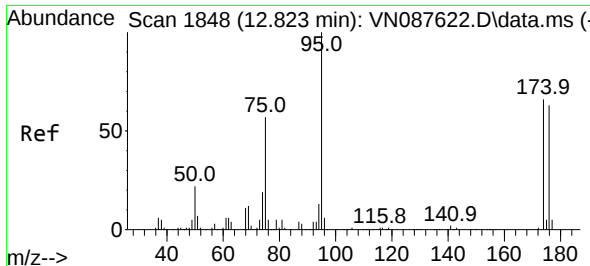
Tgt Ion:117 Resp: 16462
Ion Ratio Lower Upper
117 100
119 5.6 79.0 118.6#
121 0.0 25.0 37.6#



#50
Toluene-d8
Concen: 48.167 ug/l
RT: 10.547 min Scan# 1461
Delta R.T. -0.000 min
Lab File: VN087742.D
Acq: 05 Sep 2025 15:03

Tgt Ion: 98 Resp: 458172
Ion Ratio Lower Upper
98 100
100 64.5 52.8 79.2

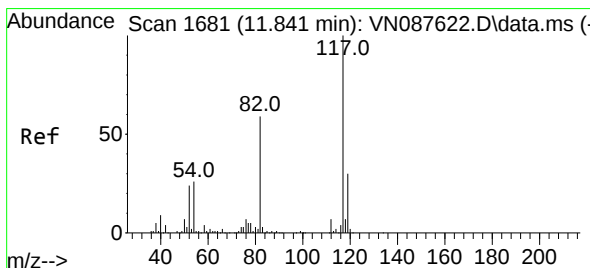
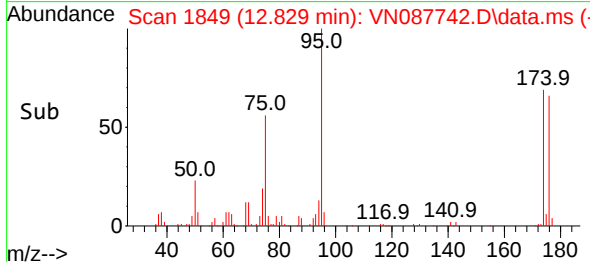
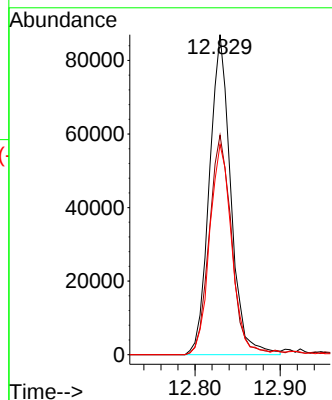
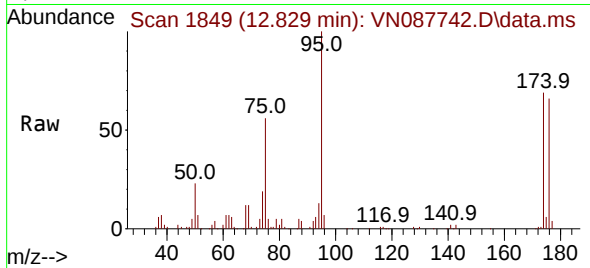




#62
4-Bromofluorobenzene
Concen: 44.756 ug/l
RT: 12.829 min Scan# 1848
Delta R.T. 0.006 min
Lab File: VN087742.D
Acq: 05 Sep 2025 15:03

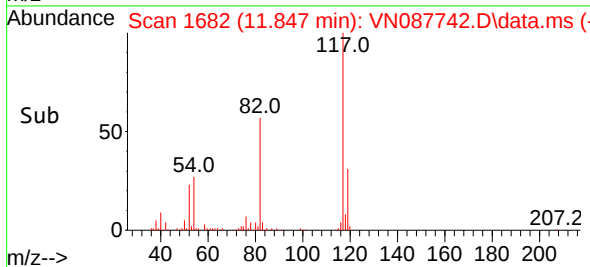
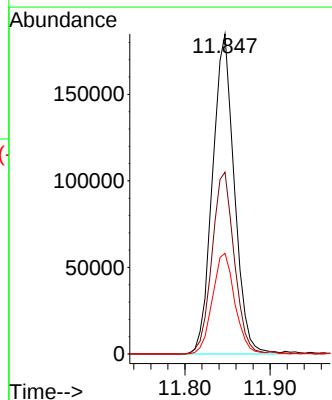
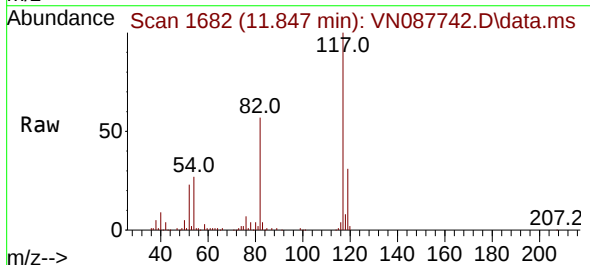
Instrument :
MSVOA_N
ClientSampleId :

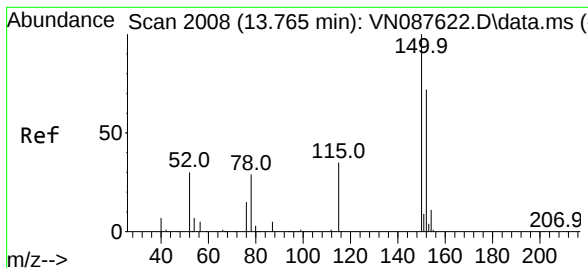
Tgt Ion: 95 Resp: 151400
Ion Ratio Lower Upper
95 100
174 71.1 0.0 138.4
176 68.6 0.0 132.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.847 min Scan# 1682
Delta R.T. 0.006 min
Lab File: VN087742.D
Acq: 05 Sep 2025 15:03

Tgt Ion: 117 Resp: 328536
Ion Ratio Lower Upper
117 100
82 56.8 47.4 71.2
119 31.4 24.3 36.5





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.770 min Scan# 2008

Delta R.T. 0.006 min

Lab File: VN087742.D

Acq: 05 Sep 2025 15:03

Instrument :

MSVOA_N

ClientSampleId :

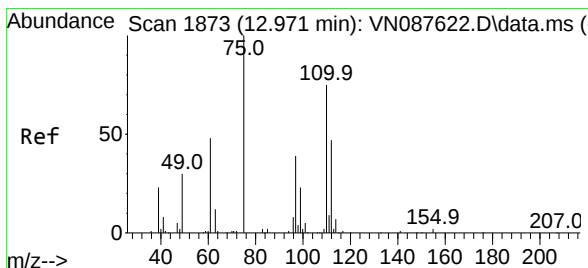
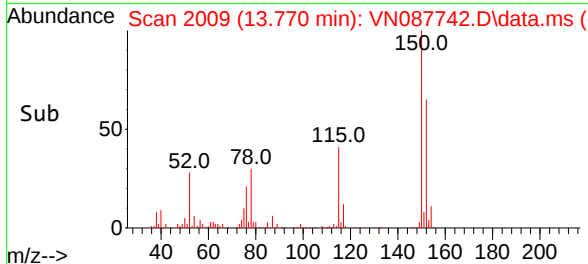
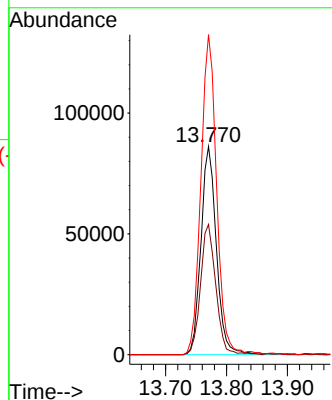
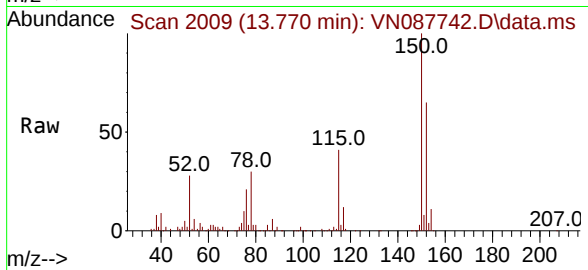
Tgt Ion:152 Resp: 152855

Ion Ratio Lower Upper

152 100

115 61.8 32.3 96.8

150 155.8 0.0 351.0



#76

1,2,3-Trichloropropane

Concen: 25.343 ug/l

RT: 12.829 min Scan# 1849

Delta R.T. -0.141 min

Lab File: VN087742.D

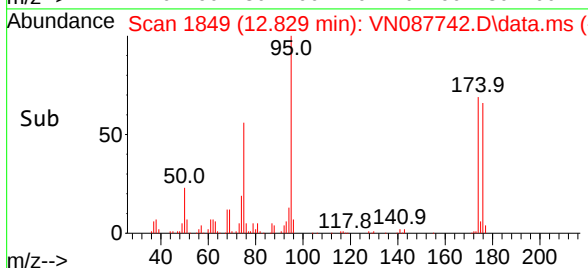
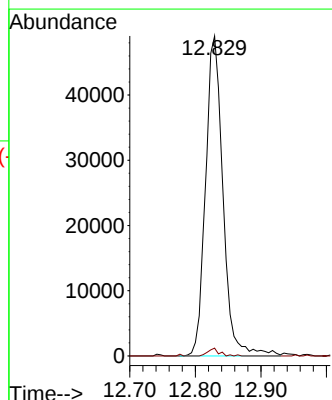
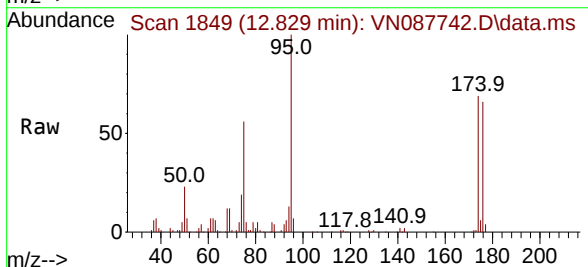
Acq: 05 Sep 2025 15:03

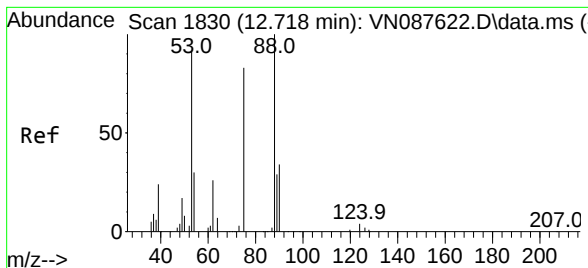
Tgt Ion: 75 Resp: 90841

Ion Ratio Lower Upper

75 100

77 1.6 89.1 267.4#

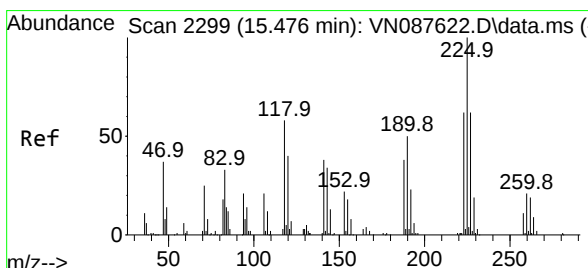
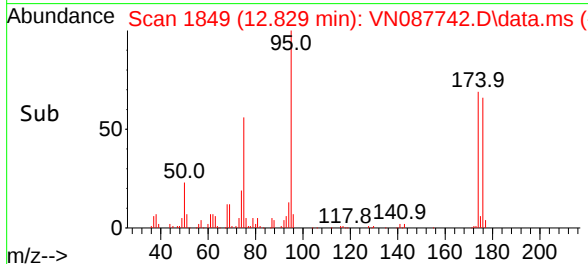
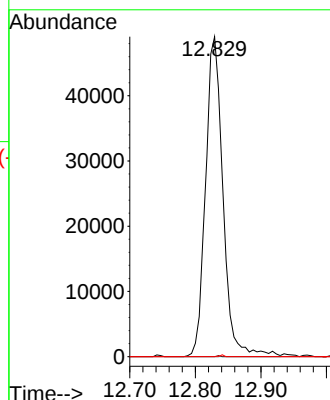
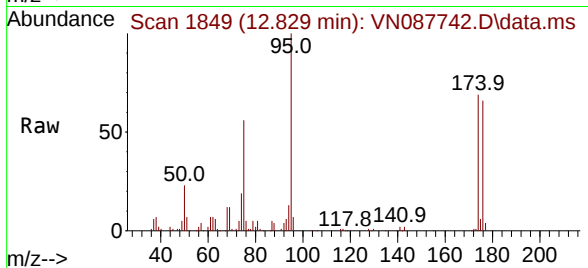




#81
trans-1,4-Dichloro-2-butene
Concen: 67.091 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. 0.112 min
Lab File: VN087742.D
Acq: 05 Sep 2025 15:03

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 75 Resp: 90841
Ion Ratio Lower Upper
75 100
53 0.1 101.8 152.6#
89 0.1 35.6 53.4#



#94
Hexachlorobutadiene
Concen: 0.209 ug/l
RT: 15.464 min Scan# 2297
Delta R.T. -0.012 min
Lab File: VN087742.D
Acq: 05 Sep 2025 15:03

Tgt Ion: 225 Resp: 243
Ion Ratio Lower Upper
225 100
223 95.5 32.0 96.2
227 0.0 32.1 96.5#

