

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN090525\
 Data File : VN087740.D
 Acq On : 05 Sep 2025 14:21
 Operator : JC\MD
 Sample : Q3029-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Sep 06 01:06:17 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)

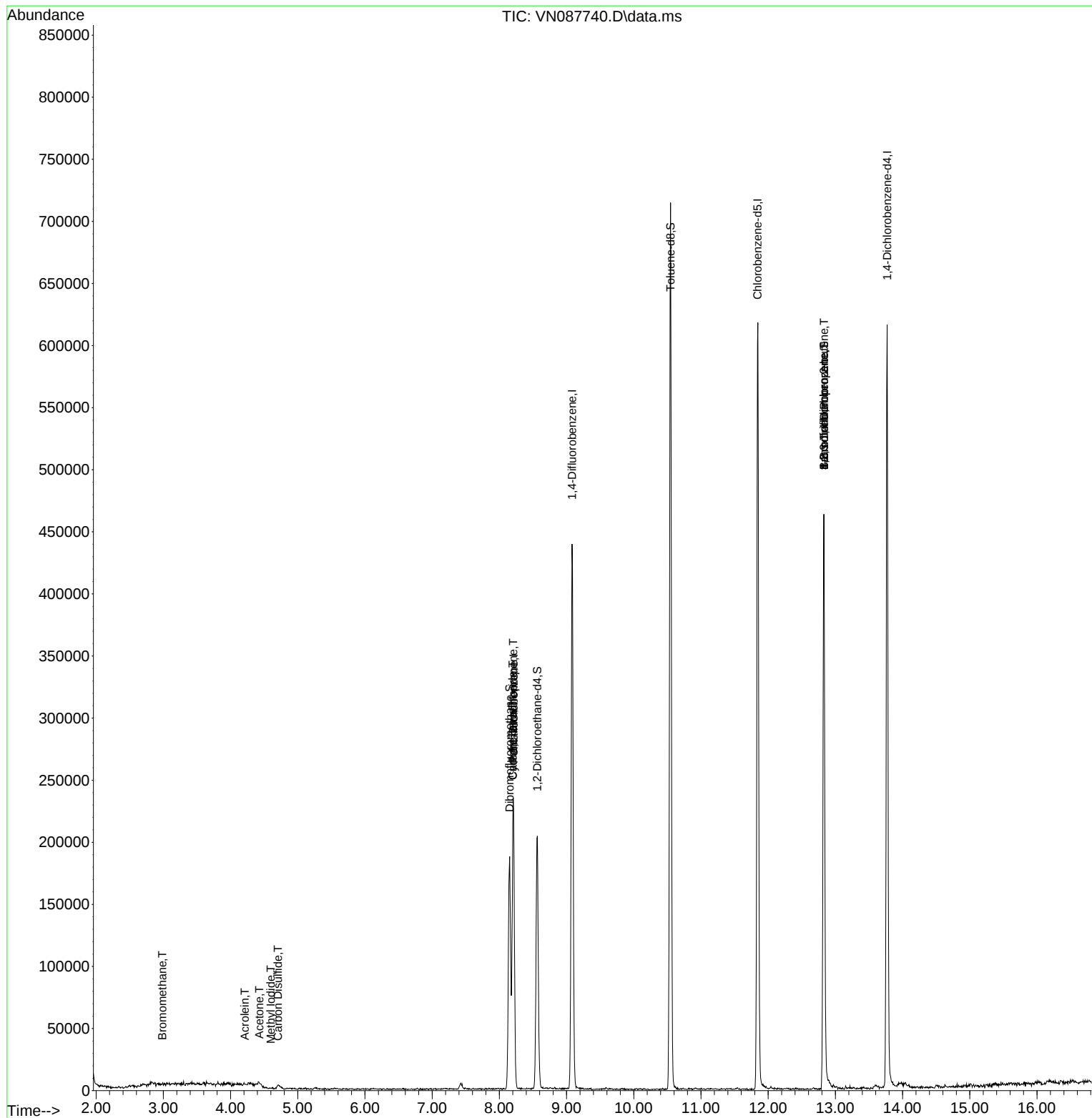
Internal Standards						
1) Pentafluorobenzene	8.212	168	153908	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.082	114	364941	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.841	117	340993	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.770	152	162177	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.565	65	170112	53.946	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 107.900%			
35) Dibromofluoromethane	8.153	113	131668	49.971	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 99.940%			
50) Toluene-d8	10.547	98	464043	47.054	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 94.100%			
62) 4-Bromofluorobenzene	12.829	95	162620	46.368	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 92.740%			
Target Compounds						
					Qvalue	
5) Bromomethane	2.983	94	475	0.353	ug/l #	3
10) Methyl Iodide	4.600	142	55	6.840	ug/l #	38
13) Acrolein	4.212	56	142	0.211	ug/l #	14
16) Acetone	4.430	43	4237	2.468	ug/l #	64
17) Carbon Disulfide	4.706	76	1297	0.212	ug/l #	74
20) Methylene Chloride	5.271	84	385	Below Cal	#	59
31) Cyclohexane	8.200	56	4994	1.259	ug/l #	13
36) 1,1-Dichloropropene	8.206	75	16831	4.164	ug/l #	52
38) Carbon Tetrachloride	8.200	117	19065	4.777	ug/l #	18
71) Bromoform	12.829	173	1201	0.556	ug/l #	1
76) 1,2,3-Trichloropropane	12.829	75	89907	23.640	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.829	75	89907	62.585	ug/l #	1

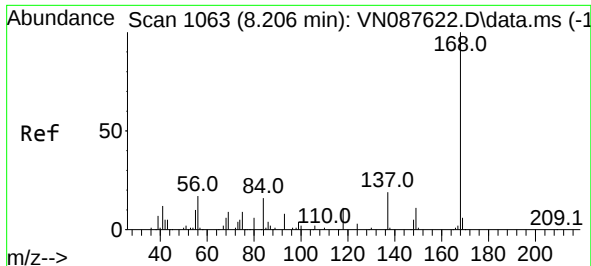
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN090525\
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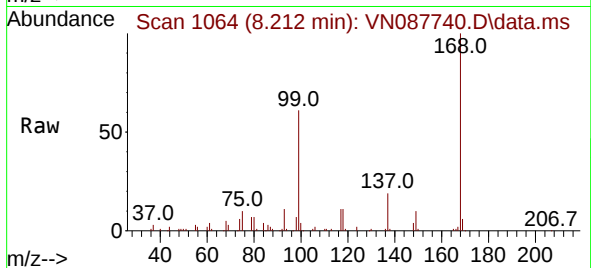
Quant Time: Sep 06 01:06:17 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N082125W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 22 02:55:42 2025
Response via : Initial Calibration



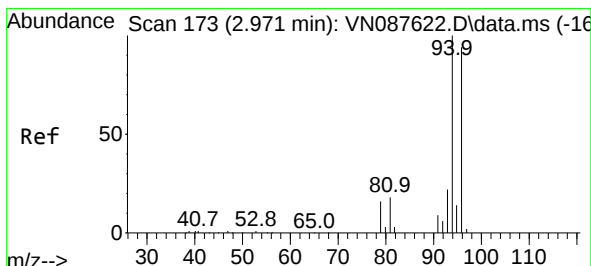
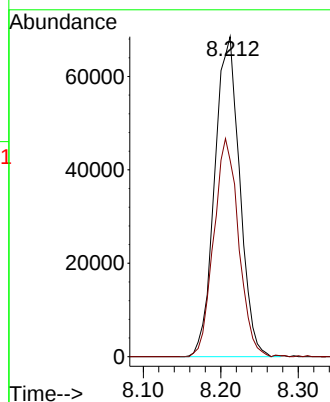
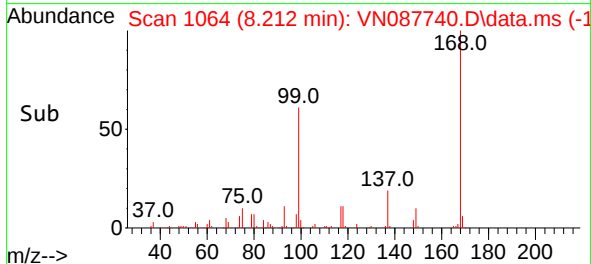


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.212 min Scan# 1064
Delta R.T. 0.006 min
Lab File: VN087740.D
Acq: 05 Sep 2025 14:21

Instrument :
MSVOA_N
ClientSampleId :

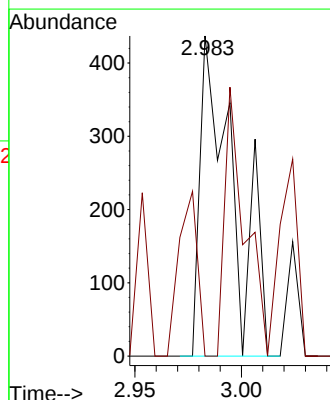
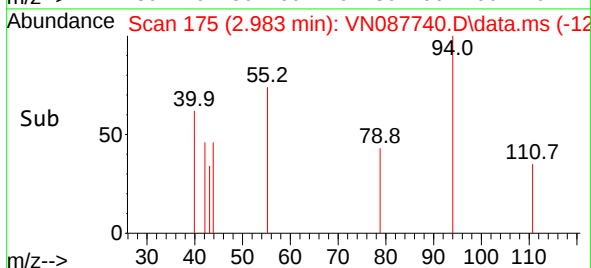
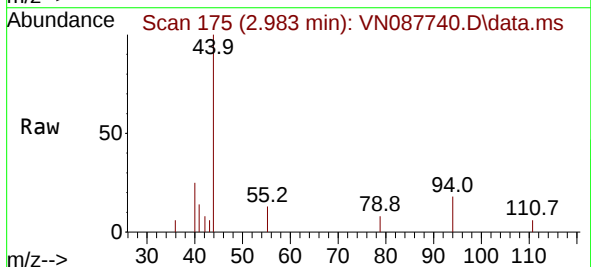


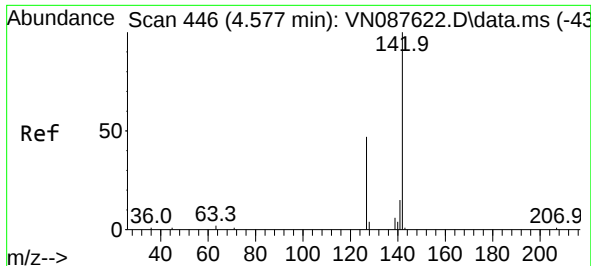
Tgt Ion:168 Resp: 153908
Ion Ratio Lower Upper
168 100
99 61.4 57.2 85.8



#5
Bromomethane
Concen: 0.353 ug/l
RT: 2.983 min Scan# 175
Delta R.T. 0.012 min
Lab File: VN087740.D
Acq: 05 Sep 2025 14:21

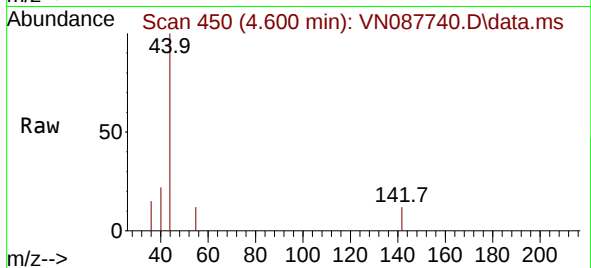
Tgt Ion: 94 Resp: 475
Ion Ratio Lower Upper
94 100
96 0.0 75.4 113.2#



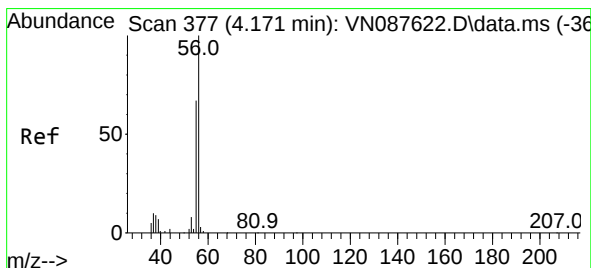
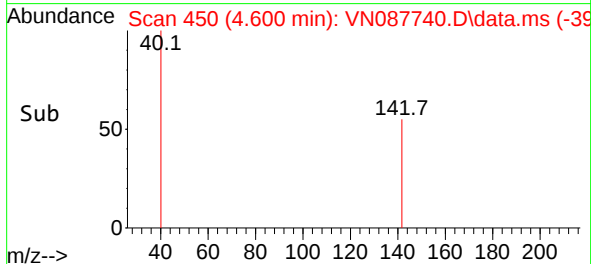
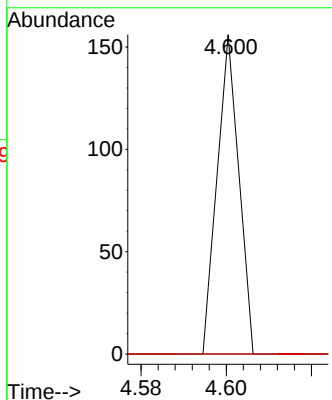


#10
Methyl Iodide
Concen: 6.840 ug/l
RT: 4.600 min Scan# 41
Delta R.T. 0.023 min
Lab File: VN087740.D
Acq: 05 Sep 2025 14:21

Instrument :
MSVOA_N
ClientSampleId :

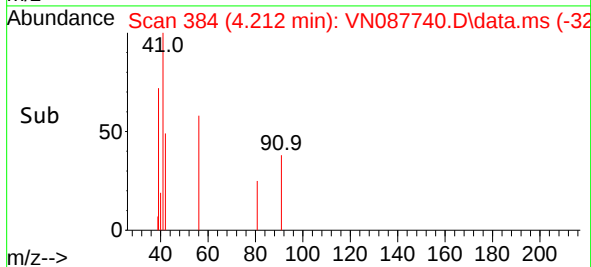
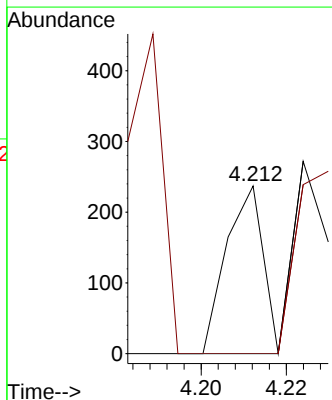
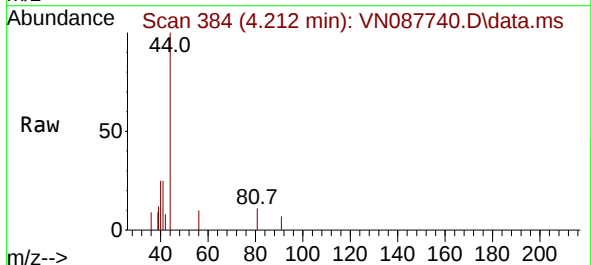


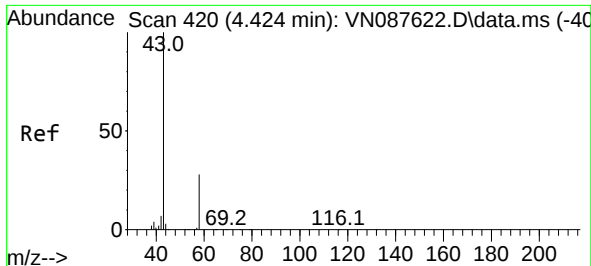
Tgt Ion:142 Resp: 55
Ion Ratio Lower Upper
142 100
127 0.0 38.0 57.0#
141 0.0 12.0 18.0#



#13
Acrolein
Concen: 0.211 ug/l
RT: 4.212 min Scan# 384
Delta R.T. 0.041 min
Lab File: VN087740.D
Acq: 05 Sep 2025 14:21

Tgt Ion: 56 Resp: 142
Ion Ratio Lower Upper
56 100
55 0.0 57.3 85.9#

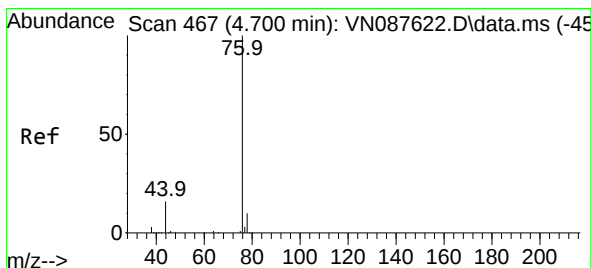
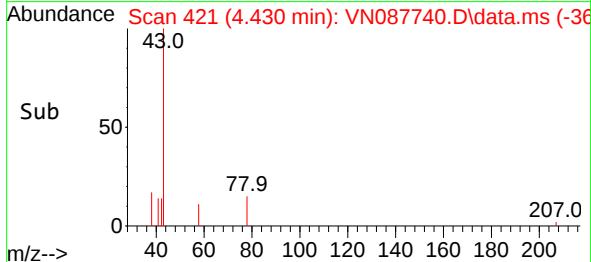
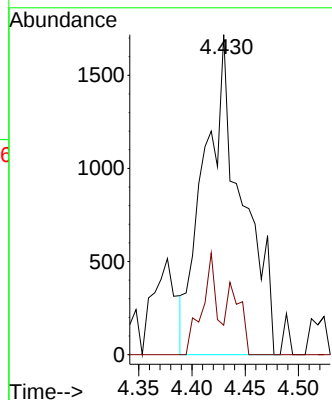
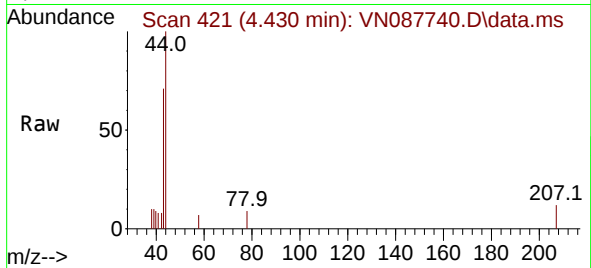




#16
Acetone
Concen: 2.468 ug/l
RT: 4.430 min Scan# 41
Delta R.T. 0.006 min
Lab File: VN087740.D
Acq: 05 Sep 2025 14:21

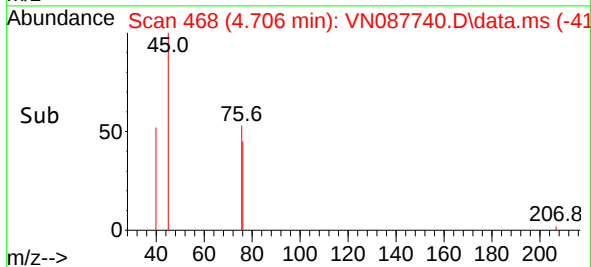
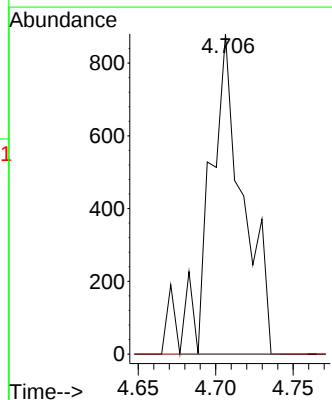
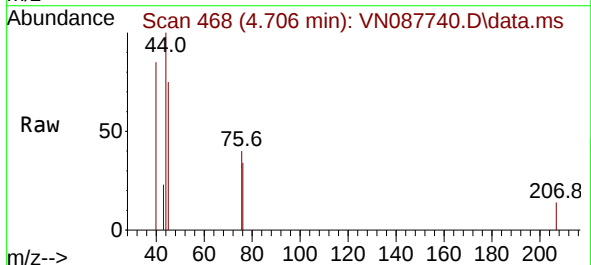
Instrument :
MSVOA_N
ClientSampleId :

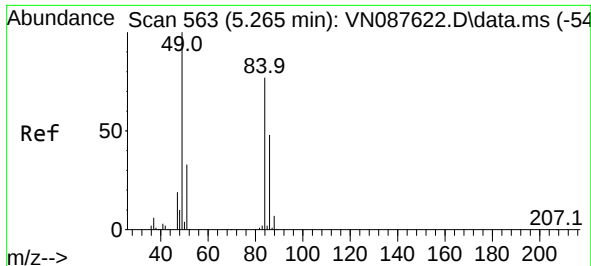
Tgt Ion: 43 Resp: 4237
Ion Ratio Lower Upper
43 100
58 9.2 22.6 33.8#



#17
Carbon Disulfide
Concen: 0.212 ug/l
RT: 4.706 min Scan# 468
Delta R.T. 0.006 min
Lab File: VN087740.D
Acq: 05 Sep 2025 14:21

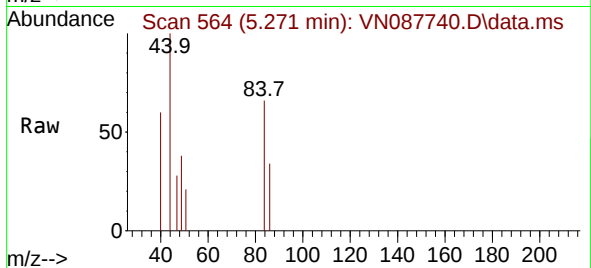
Tgt Ion: 76 Resp: 1297
Ion Ratio Lower Upper
76 100
78 0.0 7.6 11.4#



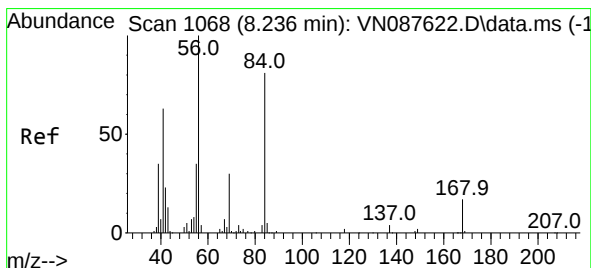
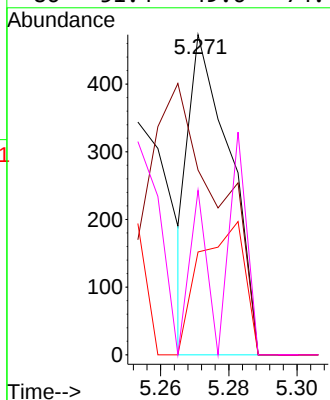
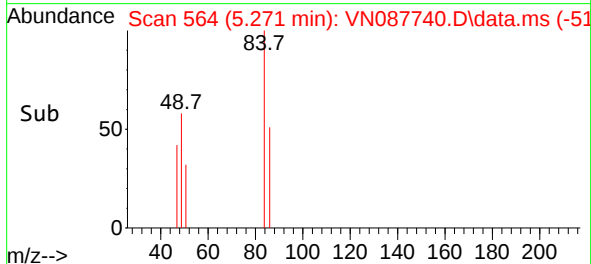


#20
Methylene Chloride
Concen: Below Cal
RT: 5.271 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN087740.D
Acq: 05 Sep 2025 14:21

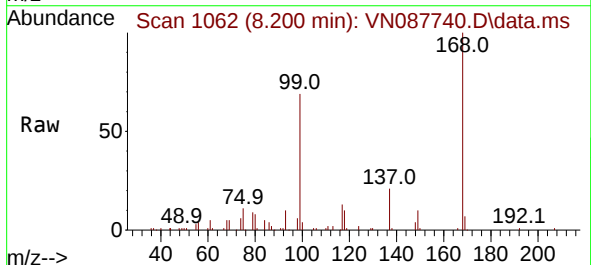
Instrument :
MSVOA_N
ClientSampleId :



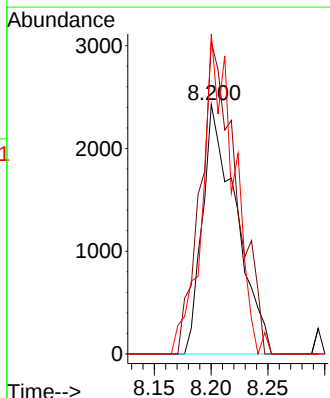
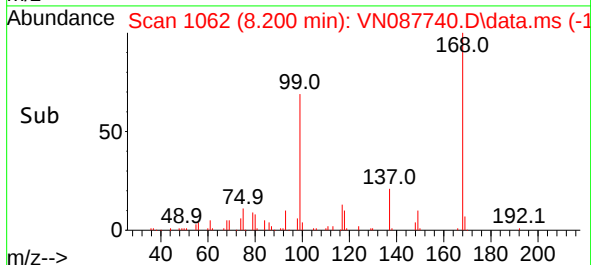
Tgt Ion: 84 Resp: 385
Ion Ratio Lower Upper
84 100
49 57.7 103.4 155.2#
51 32.1 33.8 50.8#
86 51.4 49.6 74.4

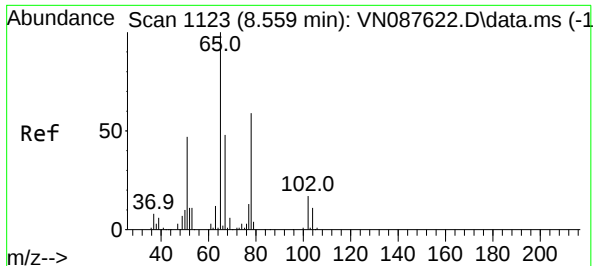


#31
Cyclohexane
Concen: 1.259 ug/l
RT: 8.200 min Scan# 1062
Delta R.T. -0.035 min
Lab File: VN087740.D
Acq: 05 Sep 2025 14:21



Tgt Ion: 56 Resp: 4994
Ion Ratio Lower Upper
56 100
69 125.3 23.7 35.5#
84 128.3 64.7 97.1#





#33

1,2-Dichloroethane-d4

Concen: 53.946 ug/l

RT: 8.565 min Scan# 1123

Delta R.T. 0.006 min

Lab File: VN087740.D

Acq: 05 Sep 2025 14:21

Instrument :

MSVOA_N

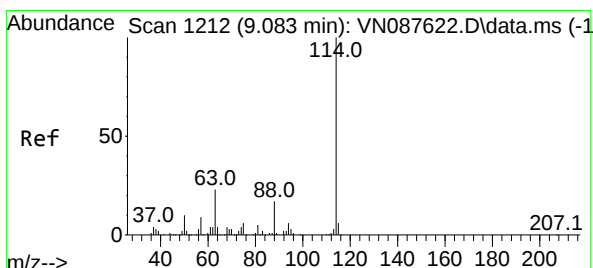
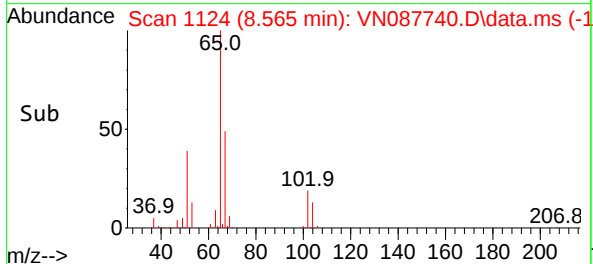
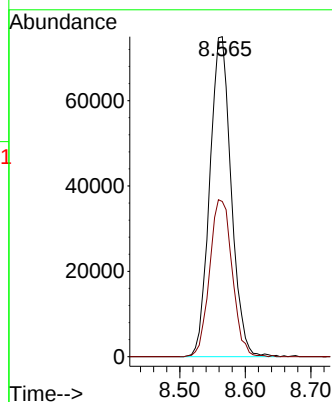
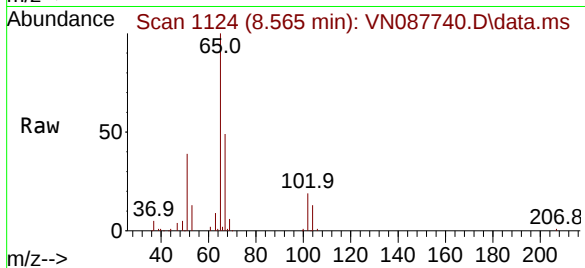
ClientSampleId :

Tgt Ion: 65 Resp: 170112

Ion Ratio Lower Upper

65 100

67 51.6 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: VN087740.D

Acq: 05 Sep 2025 14:21

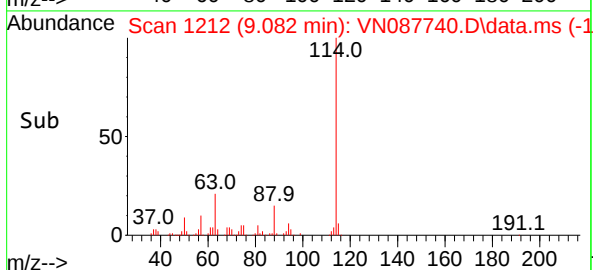
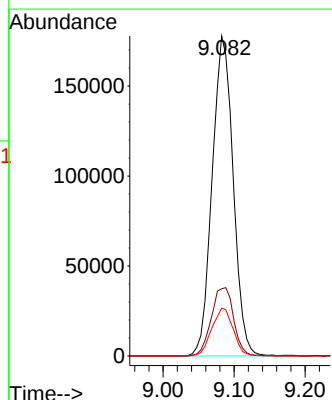
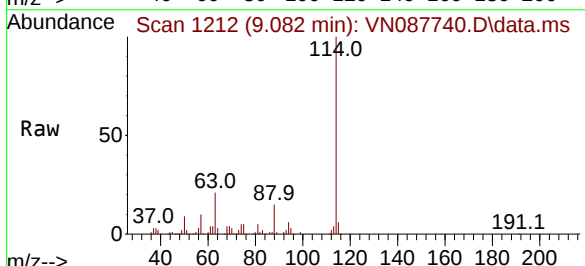
Tgt Ion: 114 Resp: 364941

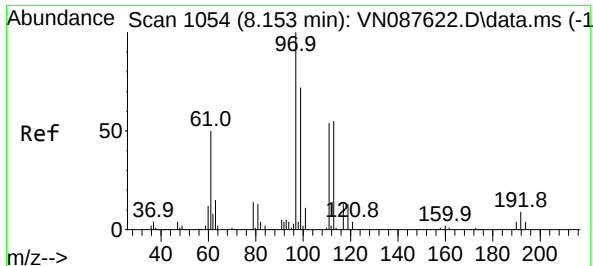
Ion Ratio Lower Upper

114 100

63 21.0 0.0 45.2

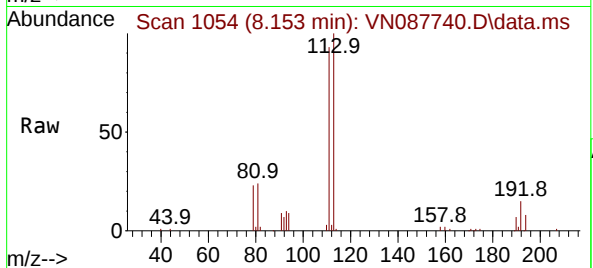
88 15.0 0.0 33.4



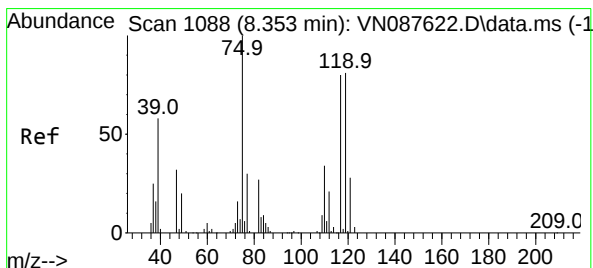
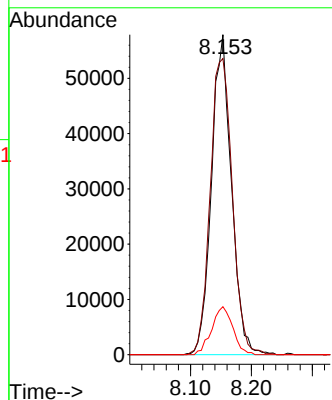
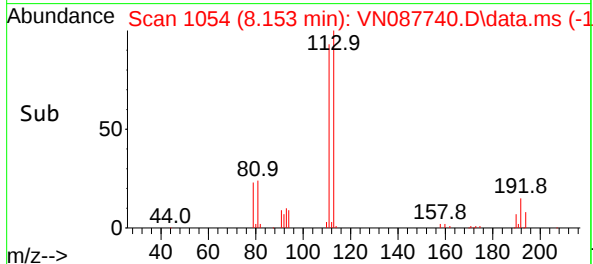


#35
Dibromofluoromethane
Concen: 49.971 ug/l
RT: 8.153 min Scan# 1063
Delta R.T. -0.000 min
Lab File: VN087740.D
Acq: 05 Sep 2025 14:21

Instrument :
MSVOA_N
ClientSampleId :

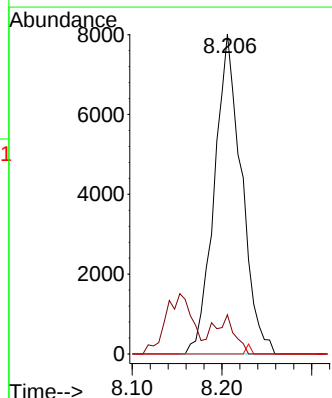
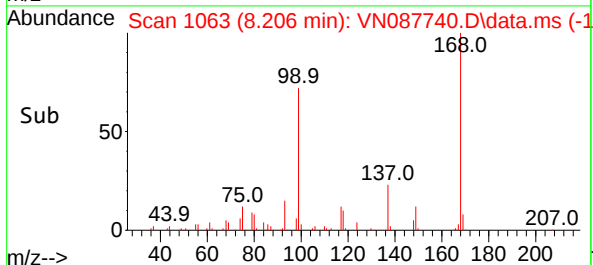
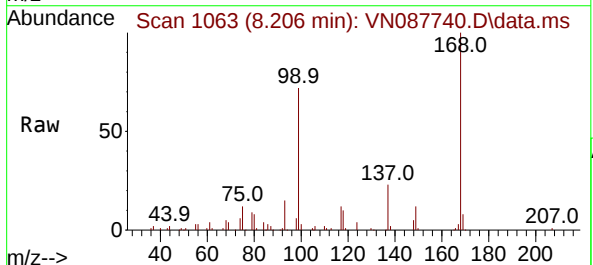


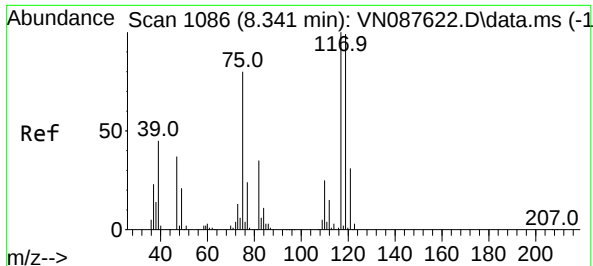
Tgt Ion:113 Resp: 131668
Ion Ratio Lower Upper
113 100
111 102.7 82.8 124.2
192 15.9 12.8 19.2



#36
1,1-Dichloropropene
Concen: 4.164 ug/l
RT: 8.206 min Scan# 1063
Delta R.T. -0.147 min
Lab File: VN087740.D
Acq: 05 Sep 2025 14:21

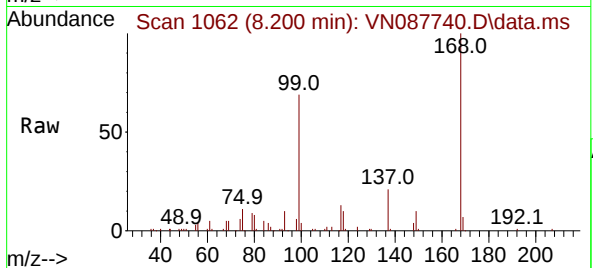
Tgt Ion: 75 Resp: 16831
Ion Ratio Lower Upper
75 100
110 9.6 15.9 47.6#
77 0.0 24.4 36.6#



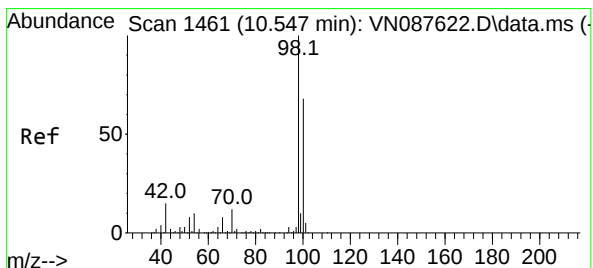
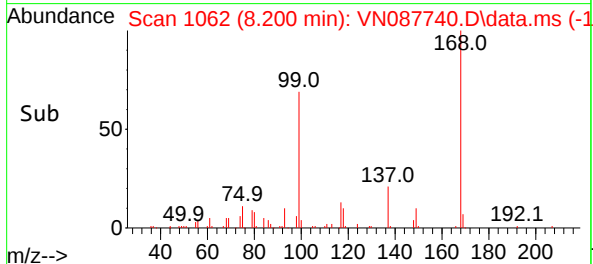
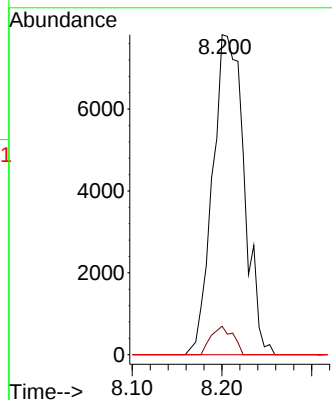


#38
Carbon Tetrachloride
Concen: 4.777 ug/l
RT: 8.200 min Scan# 1062
Delta R.T. -0.141 min
Lab File: VN087740.D
Acq: 05 Sep 2025 14:21

Instrument :
MSVOA_N
ClientSampleId :

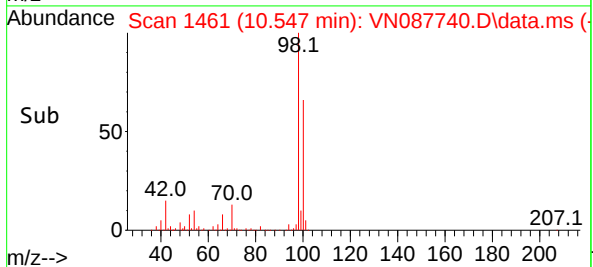
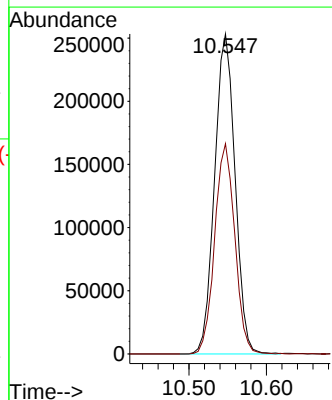
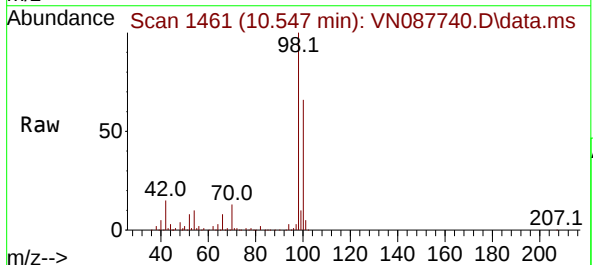


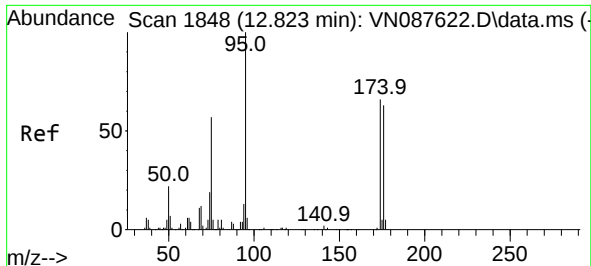
Tgt Ion:117 Resp: 19065
Ion Ratio Lower Upper
117 100
119 8.9 79.0 118.6#
121 0.0 25.0 37.6#



#50
Toluene-d8
Concen: 47.054 ug/l
RT: 10.547 min Scan# 1461
Delta R.T. -0.000 min
Lab File: VN087740.D
Acq: 05 Sep 2025 14:21

Tgt Ion: 98 Resp: 464043
Ion Ratio Lower Upper
98 100
100 64.8 52.8 79.2

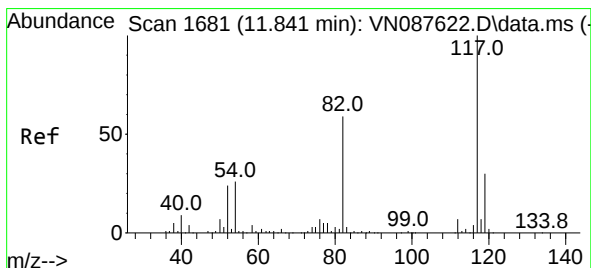
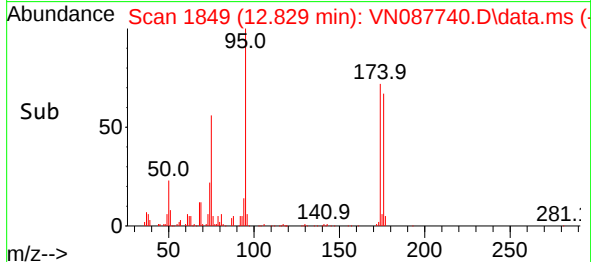
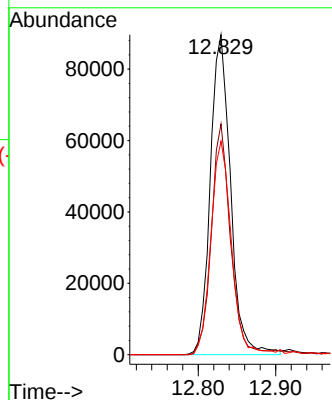
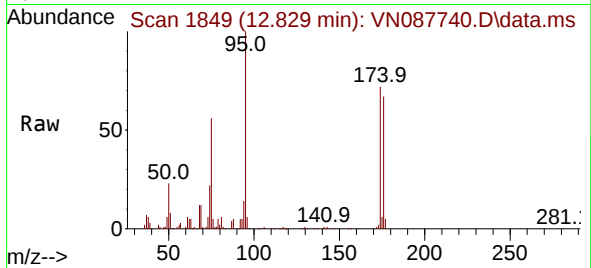




#62
4-Bromofluorobenzene
Concen: 46.368 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. 0.006 min
Lab File: VN087740.D
Acq: 05 Sep 2025 14:21

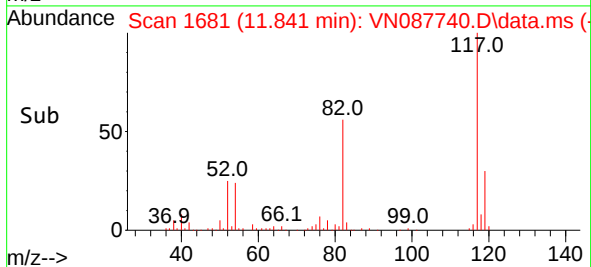
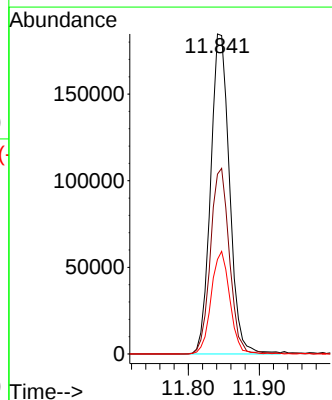
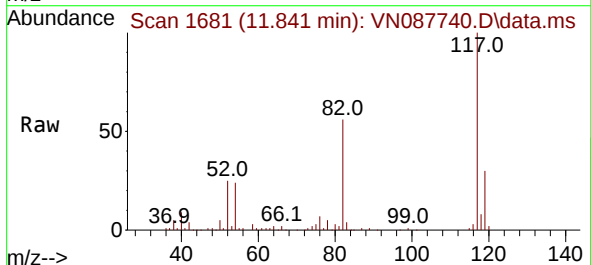
Instrument :
MSVOA_N
ClientSampleId :

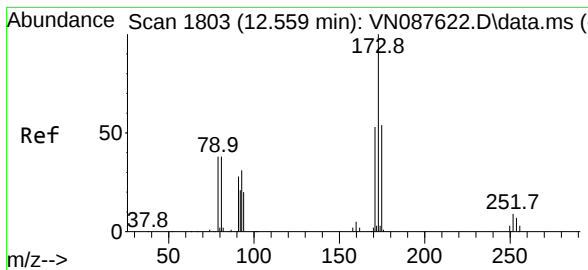
Tgt Ion: 95 Resp: 162620
Ion Ratio Lower Upper
95 100
174 68.1 0.0 138.4
176 68.0 0.0 132.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.841 min Scan# 1681
Delta R.T. -0.000 min
Lab File: VN087740.D
Acq: 05 Sep 2025 14:21

Tgt Ion: 117 Resp: 340993
Ion Ratio Lower Upper
117 100
82 56.2 47.4 71.2
119 29.6 24.3 36.5





#71

Bromoform

Concen: 0.556 ug/l

RT: 12.829 min Scan# 11

Delta R.T. 0.270 min

Lab File: VN087740.D

Acq: 05 Sep 2025 14:21

Instrument :

MSVOA_N

ClientSampleId :

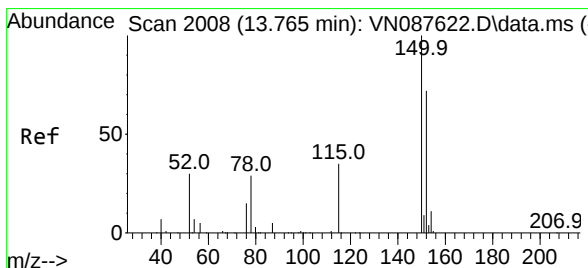
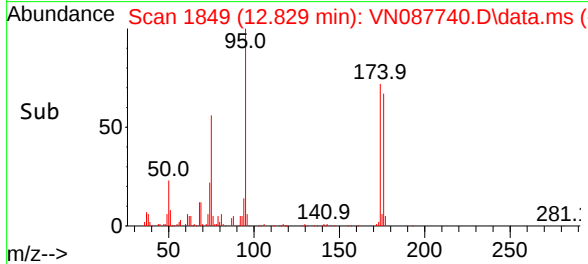
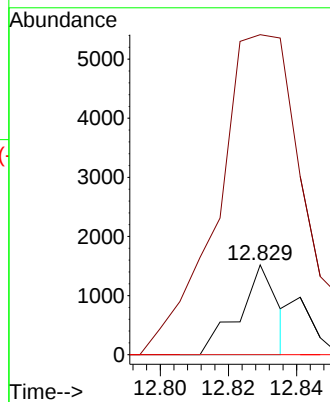
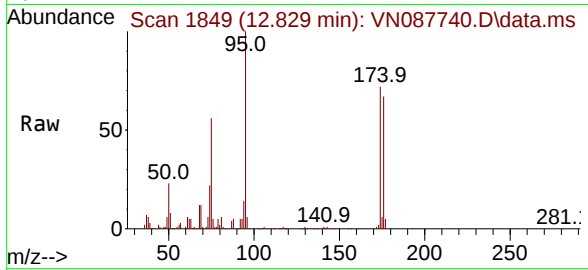
Tgt Ion:173 Resp: 1201

Ion Ratio Lower Upper

173 100

175 627.9 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: VN087740.D

Acq: 05 Sep 2025 14:21

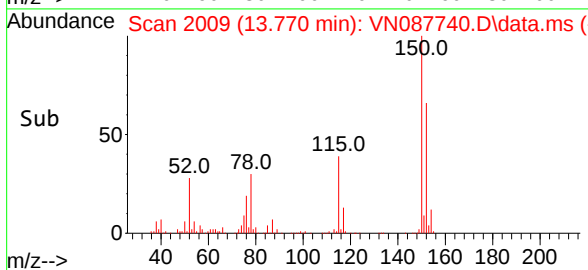
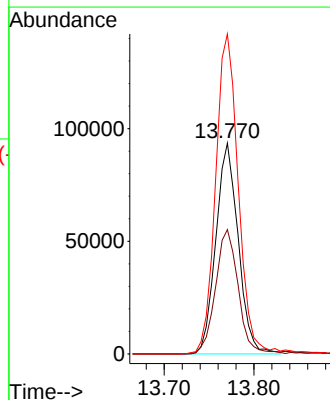
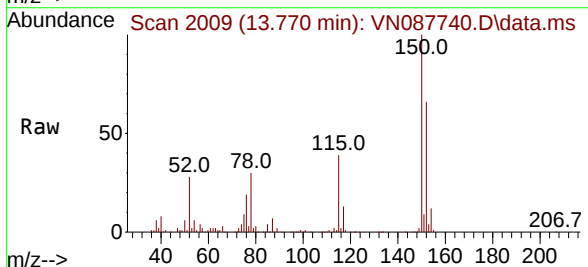
Tgt Ion:152 Resp: 162177

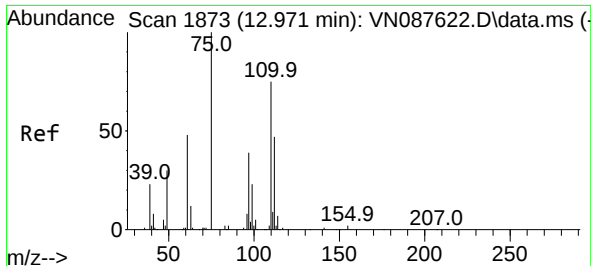
Ion Ratio Lower Upper

152 100

115 59.7 32.3 96.8

150 154.9 0.0 351.0

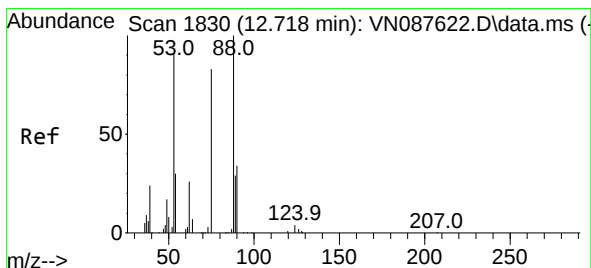
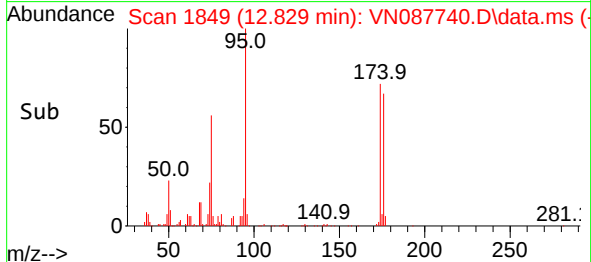
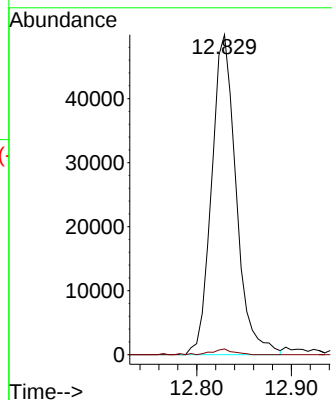
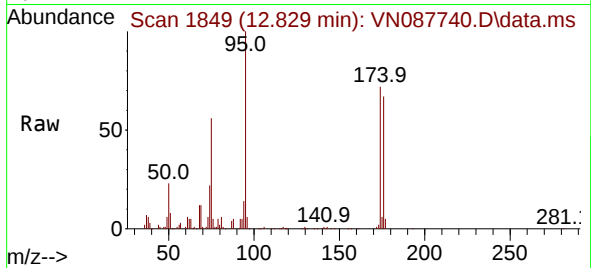




#76
1,2,3-Trichloropropane
Concen: 23.640 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. -0.141 min
Lab File: VN087740.D
Acq: 05 Sep 2025 14:21

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 75 Resp: 89907
Ion Ratio Lower Upper
75 100
77 1.5 89.1 267.4#



#81
trans-1,4-Dichloro-2-butene
Concen: 62.585 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. 0.112 min
Lab File: VN087740.D
Acq: 05 Sep 2025 14:21

Tgt Ion: 75 Resp: 89907
Ion Ratio Lower Upper
75 100
53 0.4 101.8 152.6#
89 0.0 35.6 53.4#

