

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091025\
 Data File : VN087776.D
 Acq On : 10 Sep 2025 12:46
 Operator : JC\MD
 Sample : VN0910WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0910WBL01

Quant Time: Sep 11 02:01:55 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	177881	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.082	114	413161	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.841	117	392580	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.770	152	179388	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.559	65	200486	55.009	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	110.020%
35) Dibromofluoromethane	8.153	113	155658	52.181	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	104.360%
50) Toluene-d8	10.547	98	534676	47.889	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	95.780%
62) 4-Bromofluorobenzene	12.823	95	175489	44.197	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	88.400%

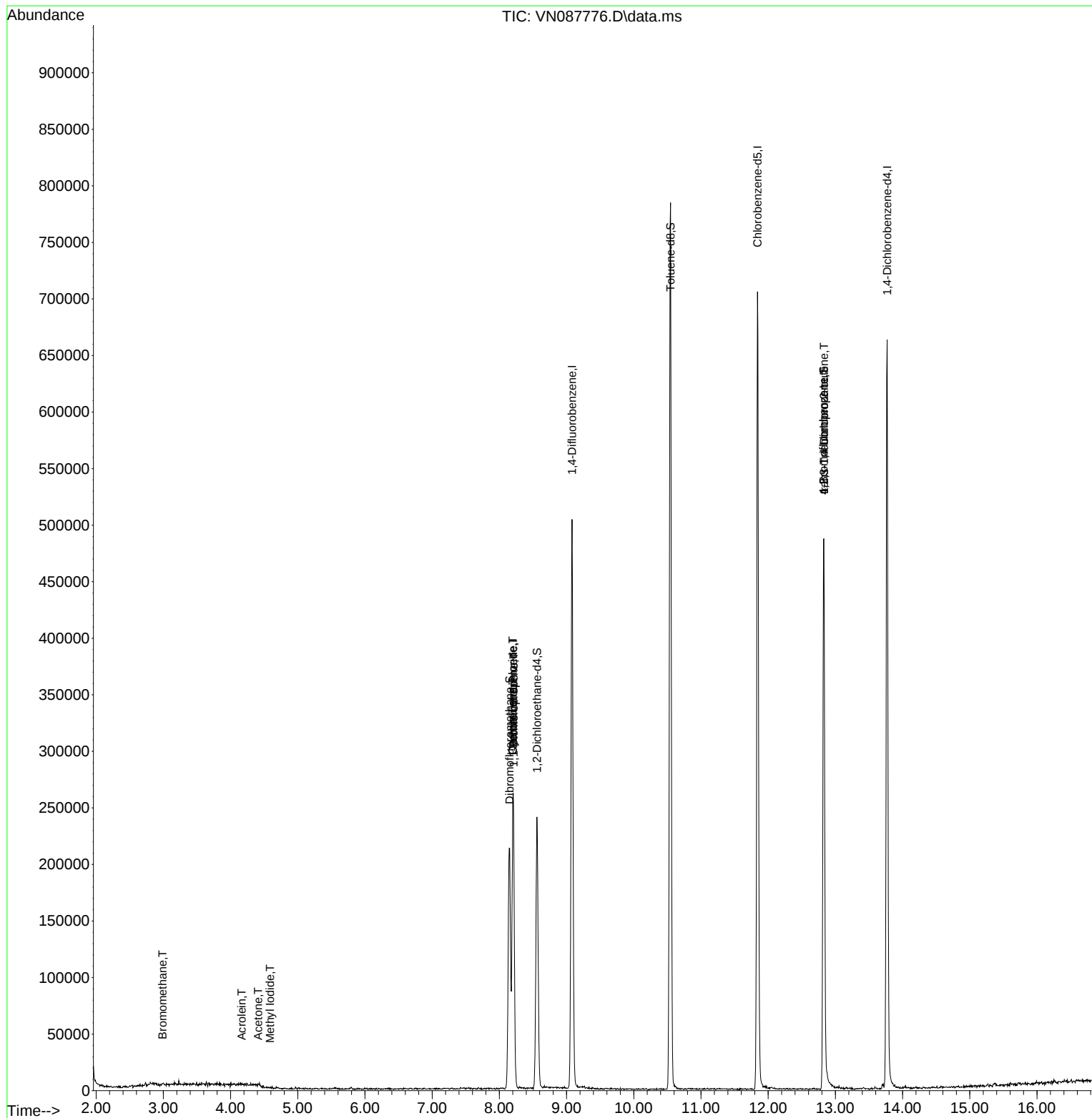
Target Compounds					Qvalue	
5) Bromomethane	2.989	94	532	0.342	ug/l	96
10) Methyl Iodide	4.589	142	277	6.939	ug/l #	86
13) Acrolein	4.165	56	191	0.246	ug/l #	1
16) Acetone	4.412	43	734	0.370	ug/l #	47
20) Methylene Chloride	5.259	84	60	Below Cal	#	55
31) Cyclohexane	8.200	56	5325	1.162	ug/l #	1
36) 1,1-Dichloropropene	8.212	75	17759	3.881	ug/l #	52
38) Carbon Tetrachloride	8.200	117	21903	4.848	ug/l #	15
76) 1,2,3-Trichloropropane	12.829	75	101971	24.240	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.829	75	101971	64.172	ug/l #	1

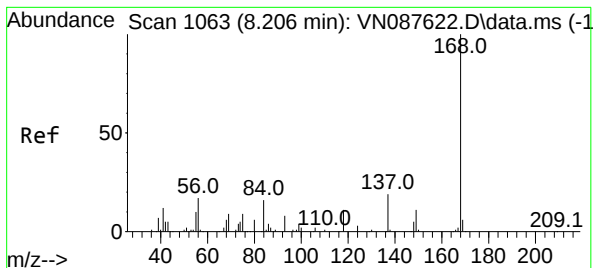
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091025\
Data File : VN087776.D
Acq On : 10 Sep 2025 12:46
Operator : JC\MD
Sample : VN0910WBL01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0910WBL01

Quant Time: Sep 11 02:01:55 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

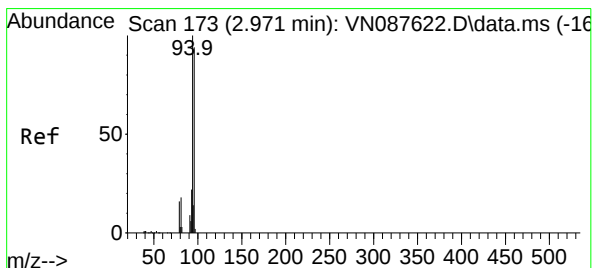
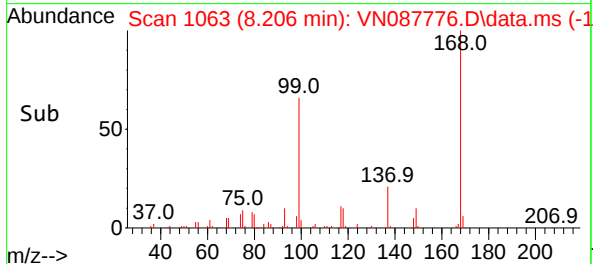
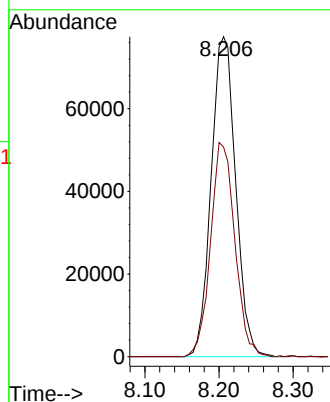
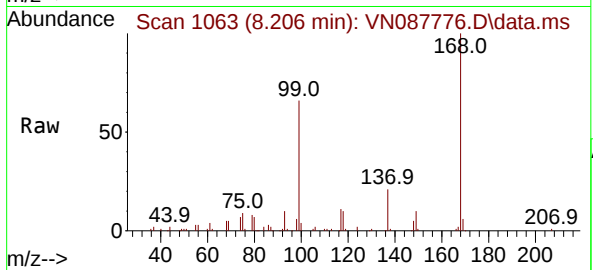




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.206 min Scan# 1063
Delta R.T. 0.000 min
Lab File: VN087776.D
Acq: 10 Sep 2025 12:46

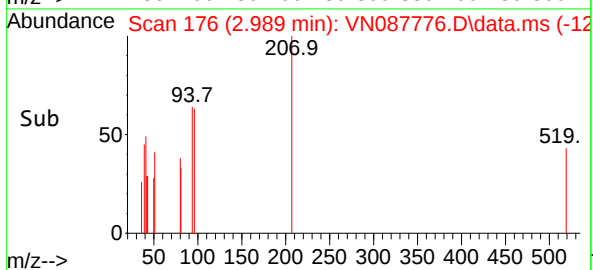
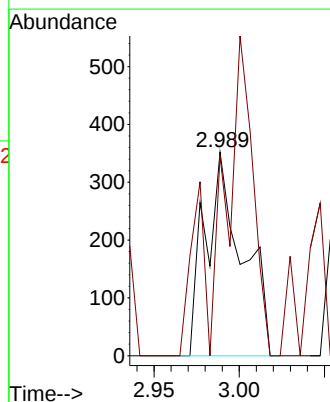
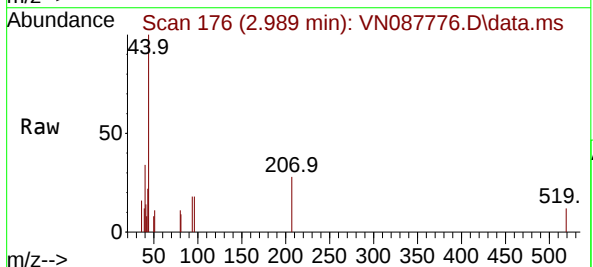
Instrument :
MSVOA_N
ClientSampleId :
VN0910WBL01

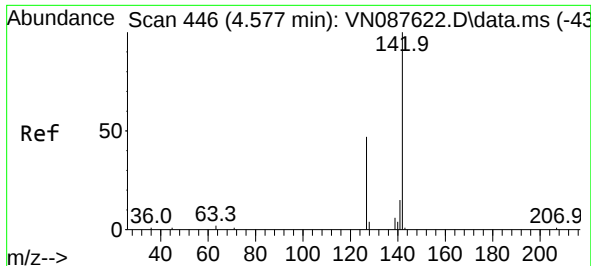
Tgt Ion:168 Resp: 177881
Ion Ratio Lower Upper
168 100
99 65.5 57.2 85.8



#5
Bromomethane
Concen: 0.342 ug/l
RT: 2.989 min Scan# 176
Delta R.T. 0.017 min
Lab File: VN087776.D
Acq: 10 Sep 2025 12:46

Tgt Ion: 94 Resp: 532
Ion Ratio Lower Upper
94 100
96 98.3 75.4 113.2

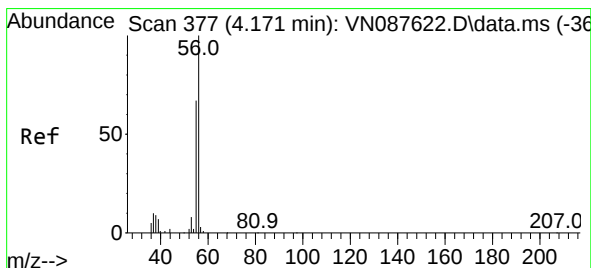
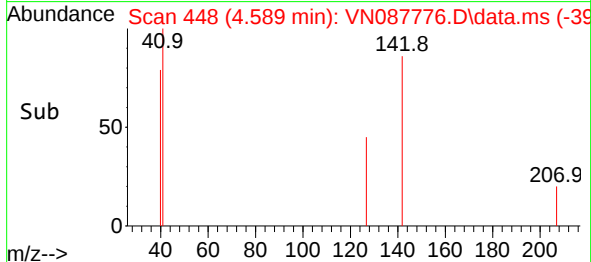
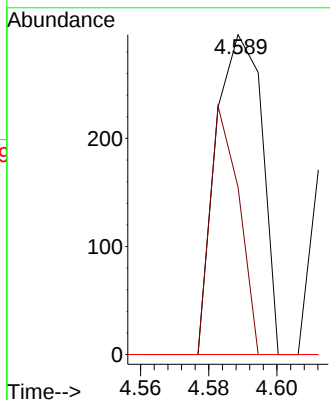
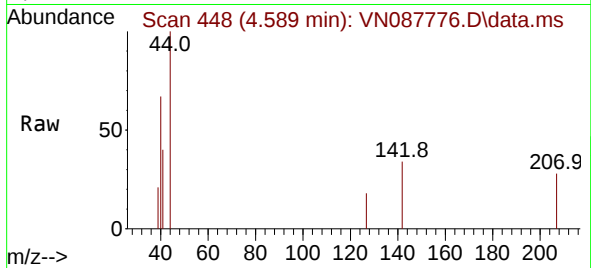




#10
Methyl Iodide
Concen: 6.939 ug/l
RT: 4.589 min Scan# 446
Delta R.T. 0.012 min
Lab File: VN087776.D
Acq: 10 Sep 2025 12:46

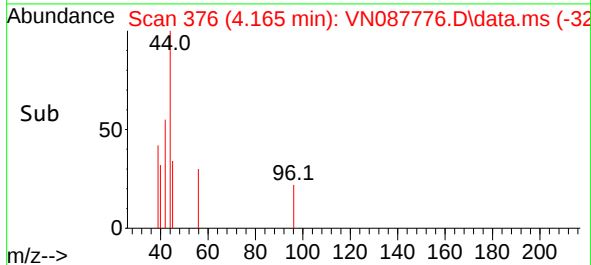
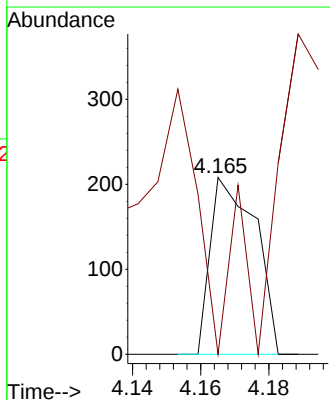
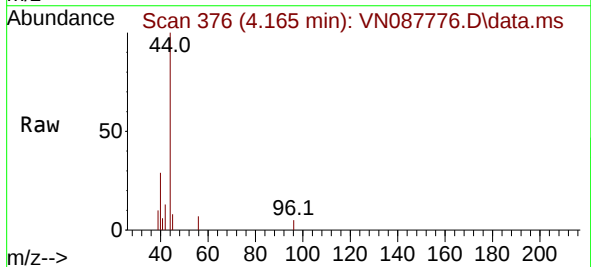
Instrument :
MSVOA_N
ClientSampleId :
VN0910WBL01

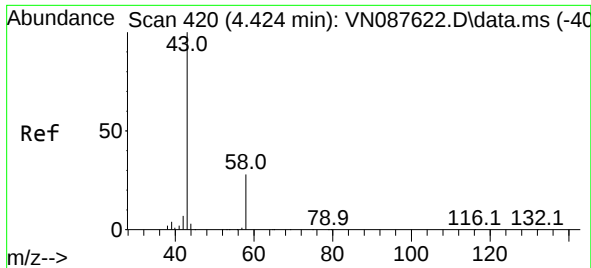
Tgt Ion:142 Resp: 277
Ion Ratio Lower Upper
142 100
127 52.4 38.0 57.0
141 0.0 12.0 18.0#



#13
Acrolein
Concen: 0.246 ug/l
RT: 4.165 min Scan# 376
Delta R.T. -0.006 min
Lab File: VN087776.D
Acq: 10 Sep 2025 12:46

Tgt Ion: 56 Resp: 191
Ion Ratio Lower Upper
56 100
55 193.7 57.3 85.9#

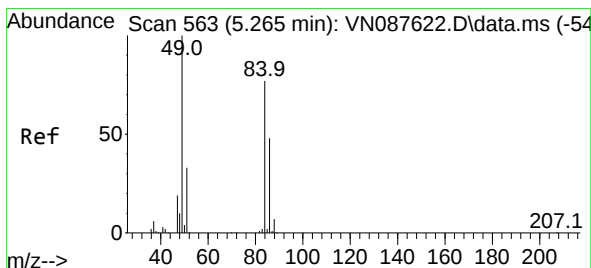
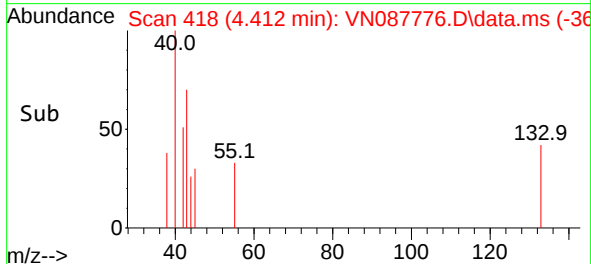
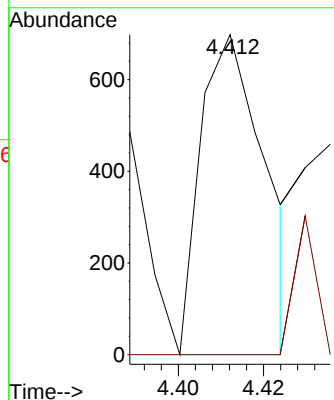
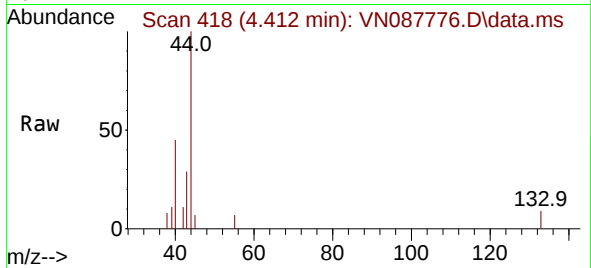




#16
Acetone
Concen: 0.370 ug/l
RT: 4.412 min Scan# 41
Delta R.T. -0.012 min
Lab File: VN087776.D
Acq: 10 Sep 2025 12:46

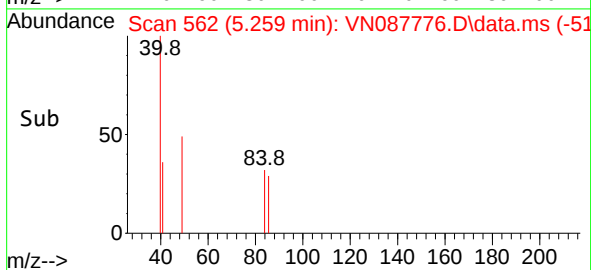
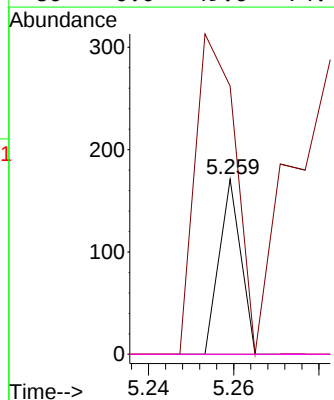
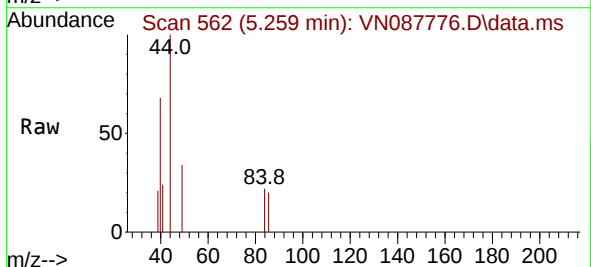
Instrument :
MSVOA_N
ClientSampleId :
VN0910WBL01

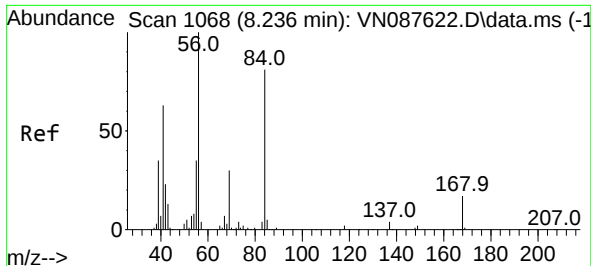
Tgt Ion: 43 Resp: 734
Ion Ratio Lower Upper
43 100
58 0.0 22.6 33.8#



#20
Methylene Chloride
Concen: Below Cal
RT: 5.259 min Scan# 562
Delta R.T. -0.006 min
Lab File: VN087776.D
Acq: 10 Sep 2025 12:46

Tgt Ion: 84 Resp: 60
Ion Ratio Lower Upper
84 100
49 153.2 103.4 155.2
51 0.0 33.8 50.8#
86 0.0 49.6 74.4#

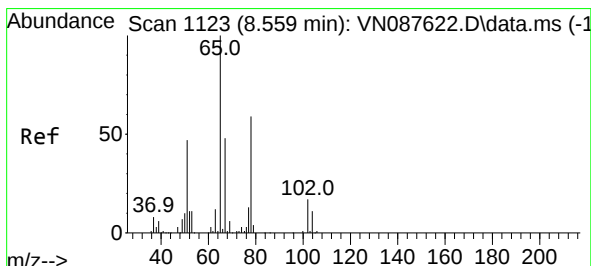
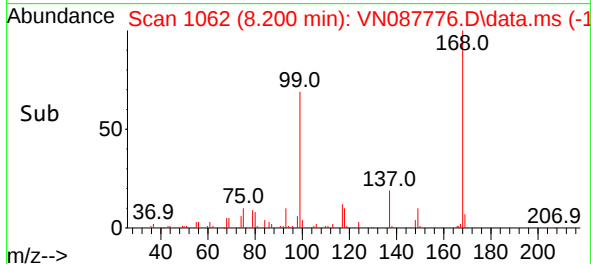
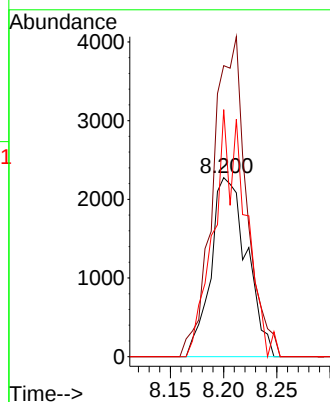
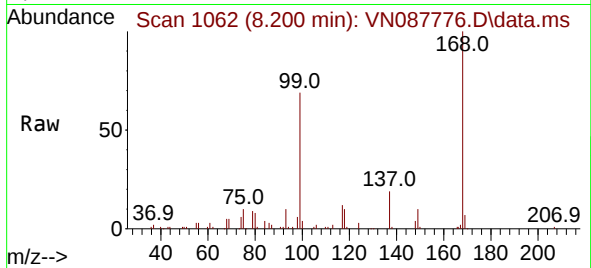




#31
Cyclohexane
Concen: 1.162 ug/l
RT: 8.200 min Scan# 1062
Delta R.T. -0.035 min
Lab File: VN087776.D
Acq: 10 Sep 2025 12:46

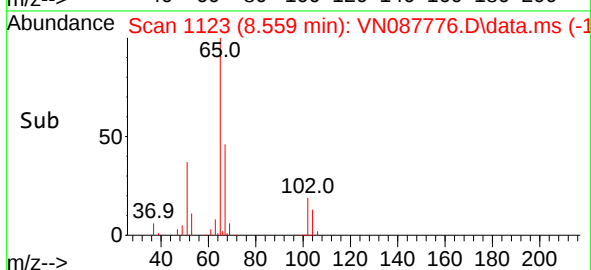
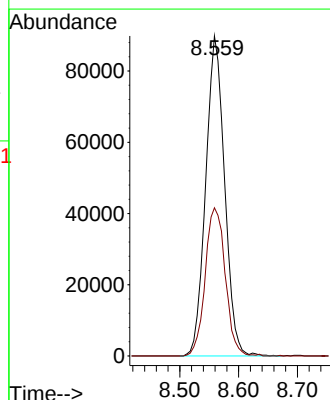
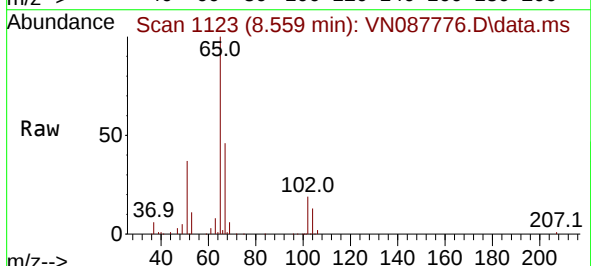
Instrument :
MSVOA_N
ClientSampleId :
VN0910WBL01

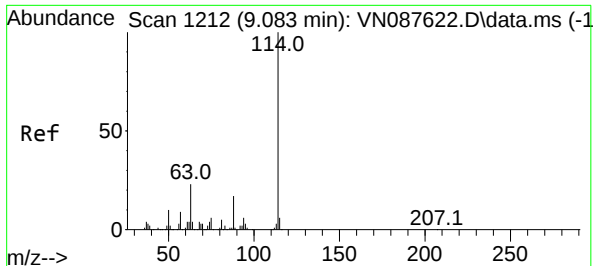
Tgt Ion	Ratio	Lower	Upper
56	100		
69	162.5	23.7	35.5#
84	138.0	64.7	97.1#



#33
1,2-Dichloroethane-d4
Concen: 55.009 ug/l
RT: 8.559 min Scan# 1123
Delta R.T. -0.000 min
Lab File: VN087776.D
Acq: 10 Sep 2025 12:46

Tgt Ion	Ratio	Lower	Upper
65	100		
67	49.1	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: VN087776.D

Acq: 10 Sep 2025 12:46

Instrument :

MSVOA_N

ClientSampleId :

VN0910WBL01

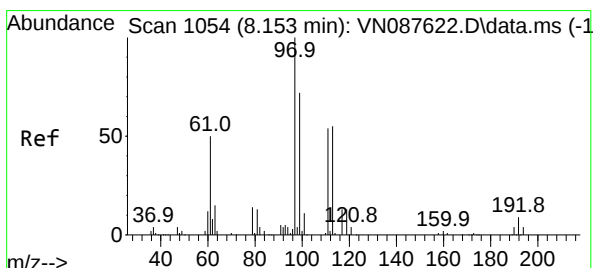
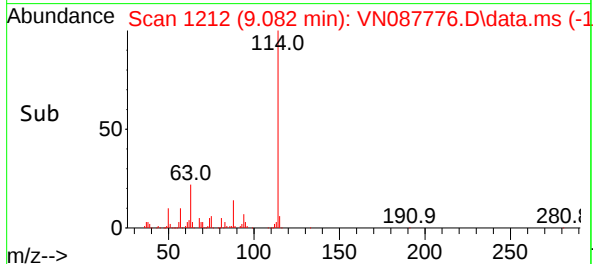
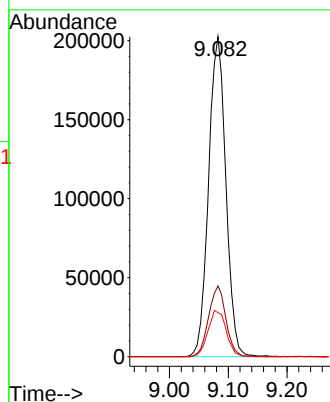
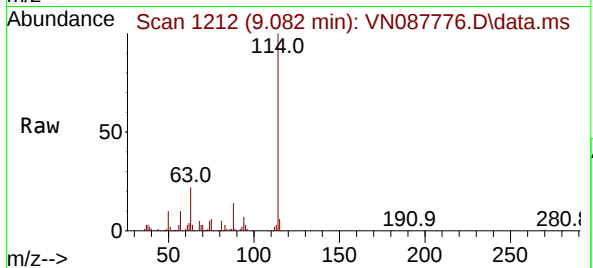
Tgt Ion:114 Resp: 413161

Ion Ratio Lower Upper

114 100

63 22.1 0.0 45.2

88 13.8 0.0 33.4



#35

Dibromofluoromethane

Concen: 52.181 ug/l

RT: 8.153 min Scan# 1054

Delta R.T. -0.000 min

Lab File: VN087776.D

Acq: 10 Sep 2025 12:46

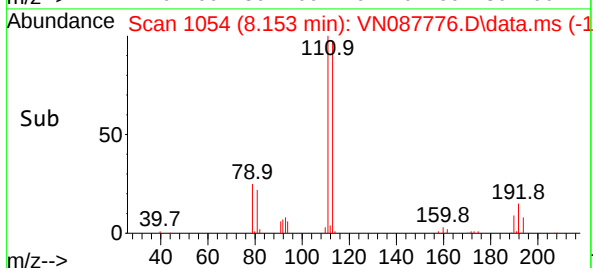
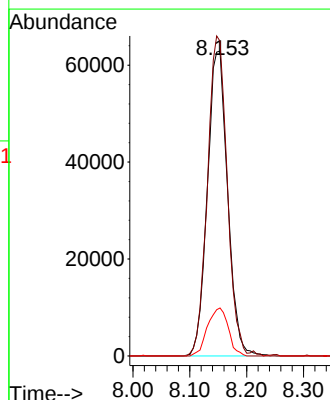
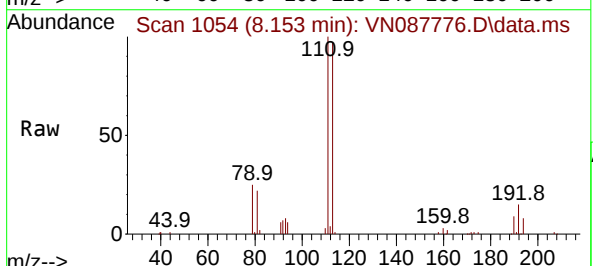
Tgt Ion:113 Resp: 155658

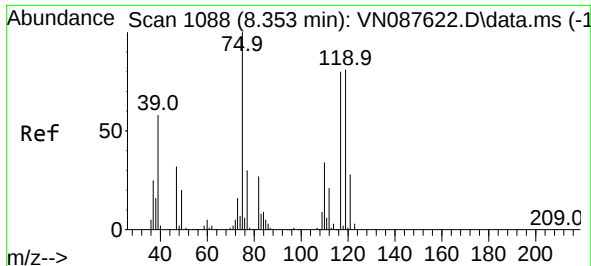
Ion Ratio Lower Upper

113 100

111 102.0 82.8 124.2

192 16.2 12.8 19.2





#36

1,1-Dichloropropene

Concen: 3.881 ug/l

RT: 8.212 min Scan# 1064

Delta R.T. -0.141 min

Lab File: VN087776.D

Acq: 10 Sep 2025 12:46

Instrument :

MSVOA_N

ClientSampleId :

VN0910WBL01

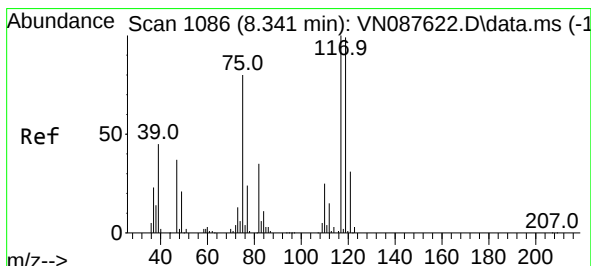
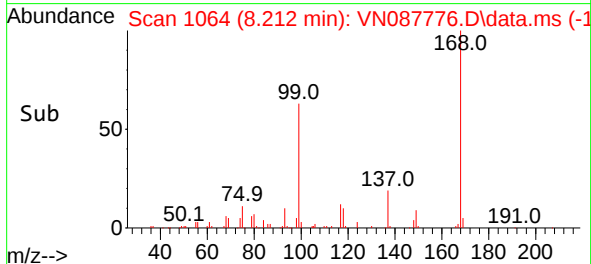
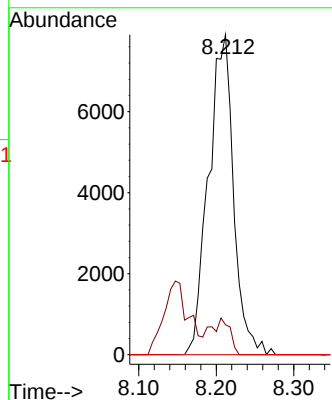
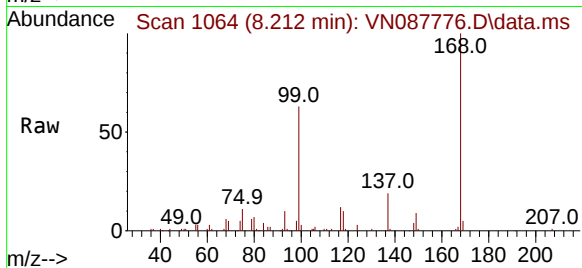
Tgt Ion: 75 Resp: 17759

Ion Ratio Lower Upper

75 100

110 8.9 15.9 47.6#

77 0.0 24.4 36.6#



#38

Carbon Tetrachloride

Concen: 4.848 ug/l

RT: 8.200 min Scan# 1062

Delta R.T. -0.141 min

Lab File: VN087776.D

Acq: 10 Sep 2025 12:46

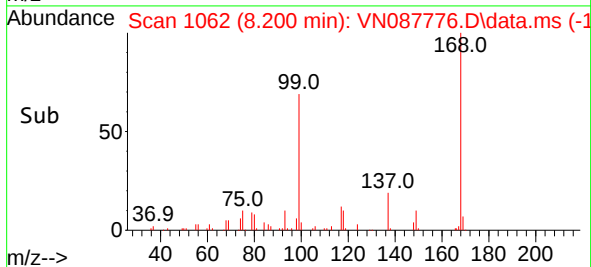
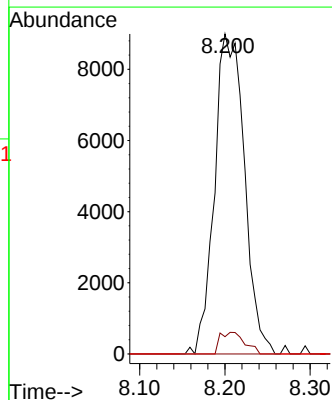
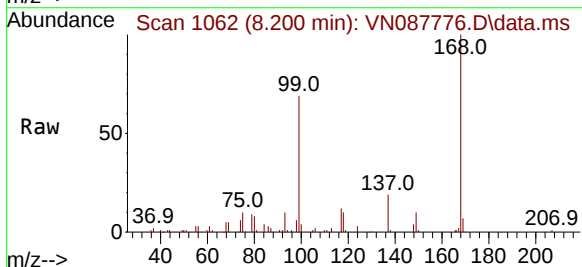
Tgt Ion: 117 Resp: 21903

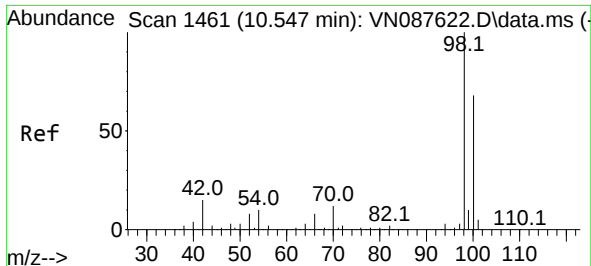
Ion Ratio Lower Upper

117 100

119 5.4 79.0 118.6#

121 0.0 25.0 37.6#

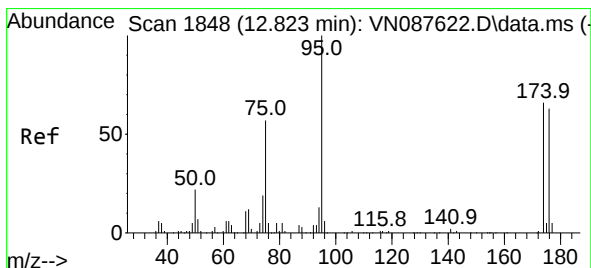
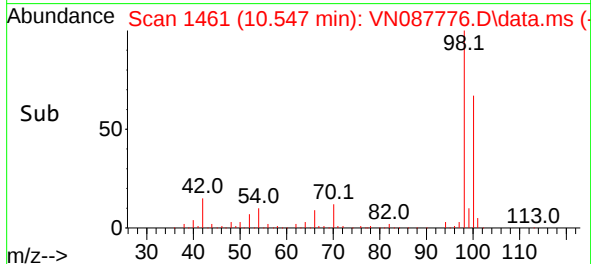
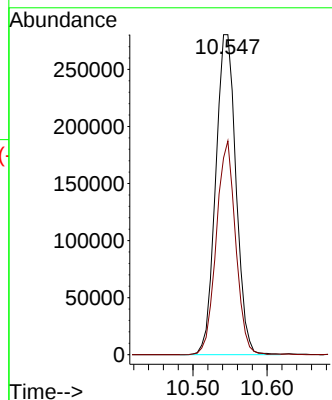
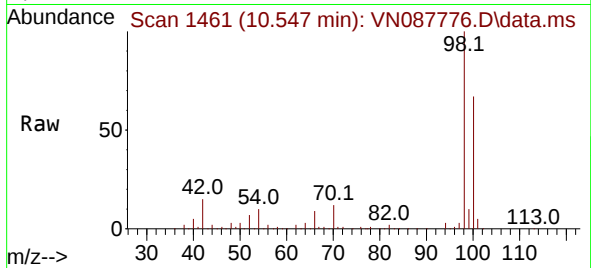




#50
Toluene-d8
Concen: 47.889 ug/l
RT: 10.547 min Scan# 1461
Delta R.T. -0.000 min
Lab File: VN087776.D
Acq: 10 Sep 2025 12:46

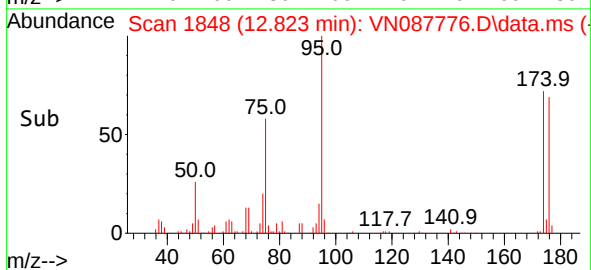
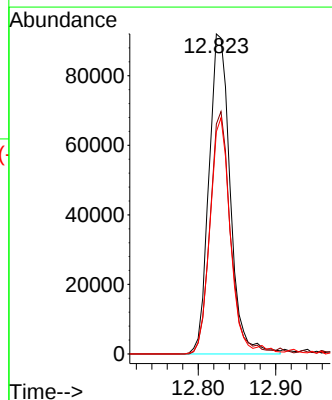
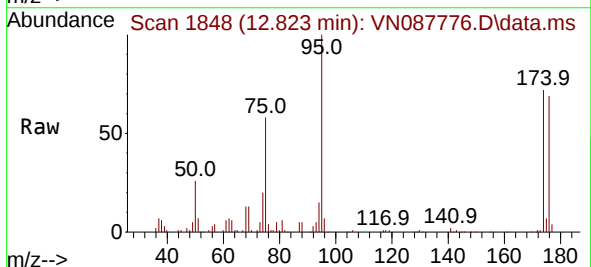
Instrument :
MSVOA_N
ClientSampleId :
VN0910WBL01

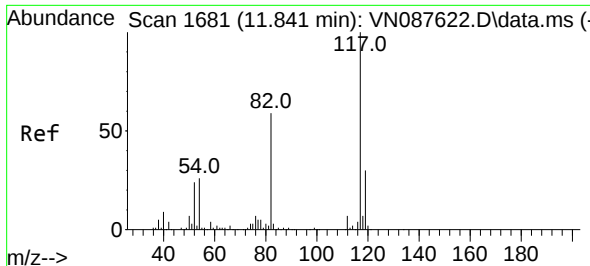
Tgt Ion: 98 Resp: 534676
Ion Ratio Lower Upper
98 100
100 63.5 52.8 79.2



#62
4-Bromofluorobenzene
Concen: 44.197 ug/l
RT: 12.823 min Scan# 1848
Delta R.T. -0.000 min
Lab File: VN087776.D
Acq: 10 Sep 2025 12:46

Tgt Ion: 95 Resp: 175489
Ion Ratio Lower Upper
95 100
174 73.1 0.0 138.4
176 70.1 0.0 132.6

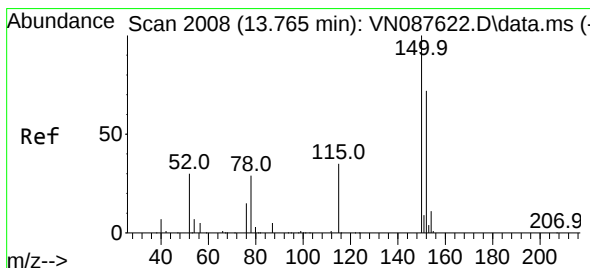
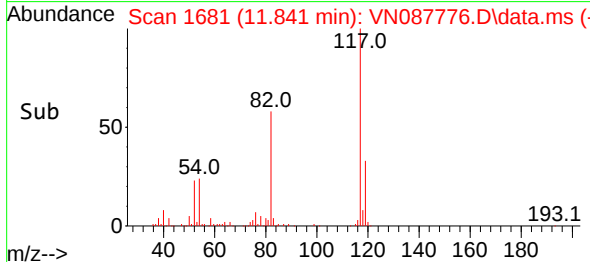
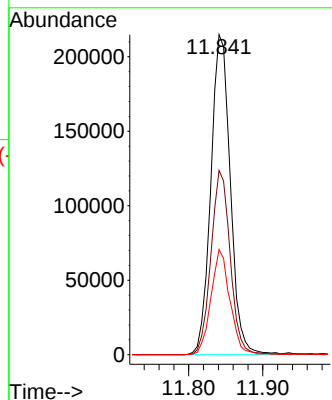
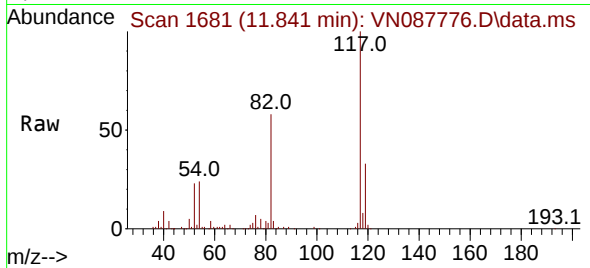




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.841 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN087776.D
Acq: 10 Sep 2025 12:46

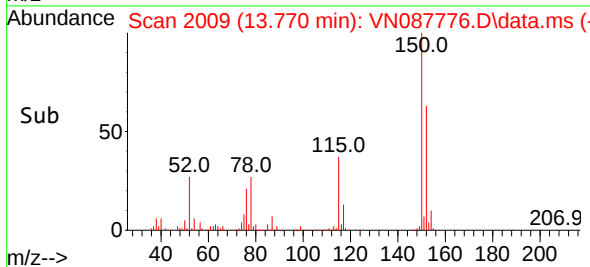
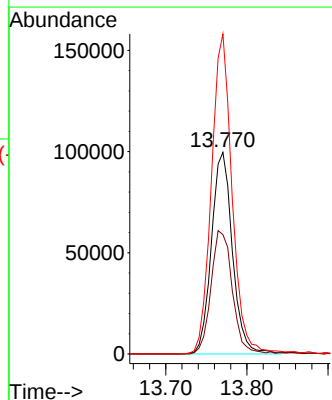
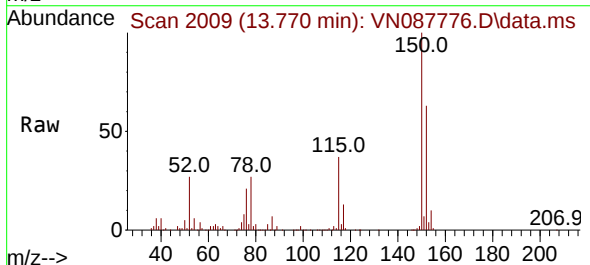
Instrument :
MSVOA_N
ClientSampleId :
VN0910WBL01

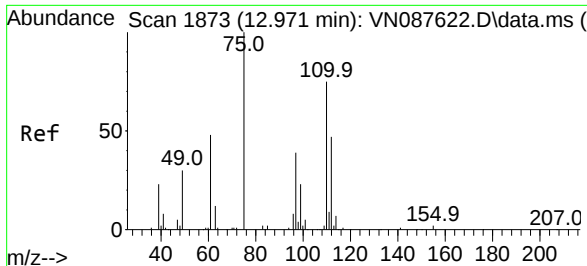
Tgt Ion:117 Resp: 392580
Ion Ratio Lower Upper
117 100
82 57.6 47.4 71.2
119 32.8 24.3 36.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.770 min Scan# 2009
Delta R.T. 0.006 min
Lab File: VN087776.D
Acq: 10 Sep 2025 12:46

Tgt Ion:152 Resp: 179388
Ion Ratio Lower Upper
152 100
115 62.6 32.3 96.8
150 156.4 0.0 351.0

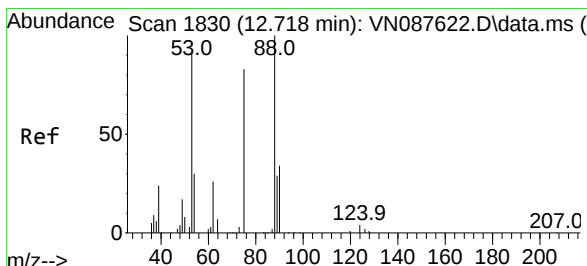
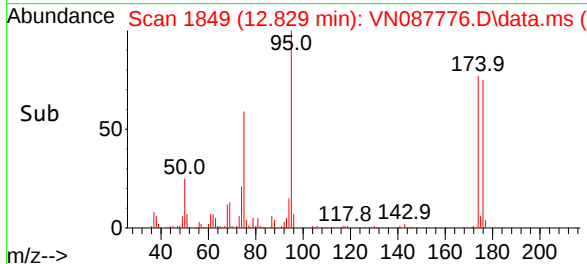
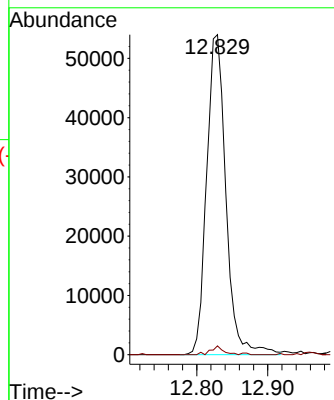
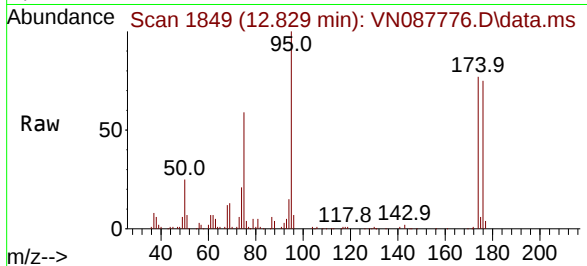




#76
1,2,3-Trichloropropane
Concen: 24.240 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. -0.141 min
Lab File: VN087776.D
Acq: 10 Sep 2025 12:46

Instrument :
MSVOA_N
ClientSampleId :
VN0910WBL01

Tgt Ion: 75 Resp: 101971
Ion Ratio Lower Upper
75 100
77 1.8 89.1 267.4#



#81
trans-1,4-Dichloro-2-butene
Concen: 64.172 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. 0.112 min
Lab File: VN087776.D
Acq: 10 Sep 2025 12:46

Tgt Ion: 75 Resp: 101971
Ion Ratio Lower Upper
75 100
53 0.2 101.8 152.6#
89 0.0 35.6 53.4#

