

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120425\
 Data File : VN088454.D
 Acq On : 04 Dec 2025 18:10
 Operator : JC\MD
 Sample : Q3757-07 100X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 RMW-05B-90.5-120325

Quant Time: Dec 05 00:19:27 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112425W.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 25 01:34:52 2025
 Response via : Initial Calibration

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

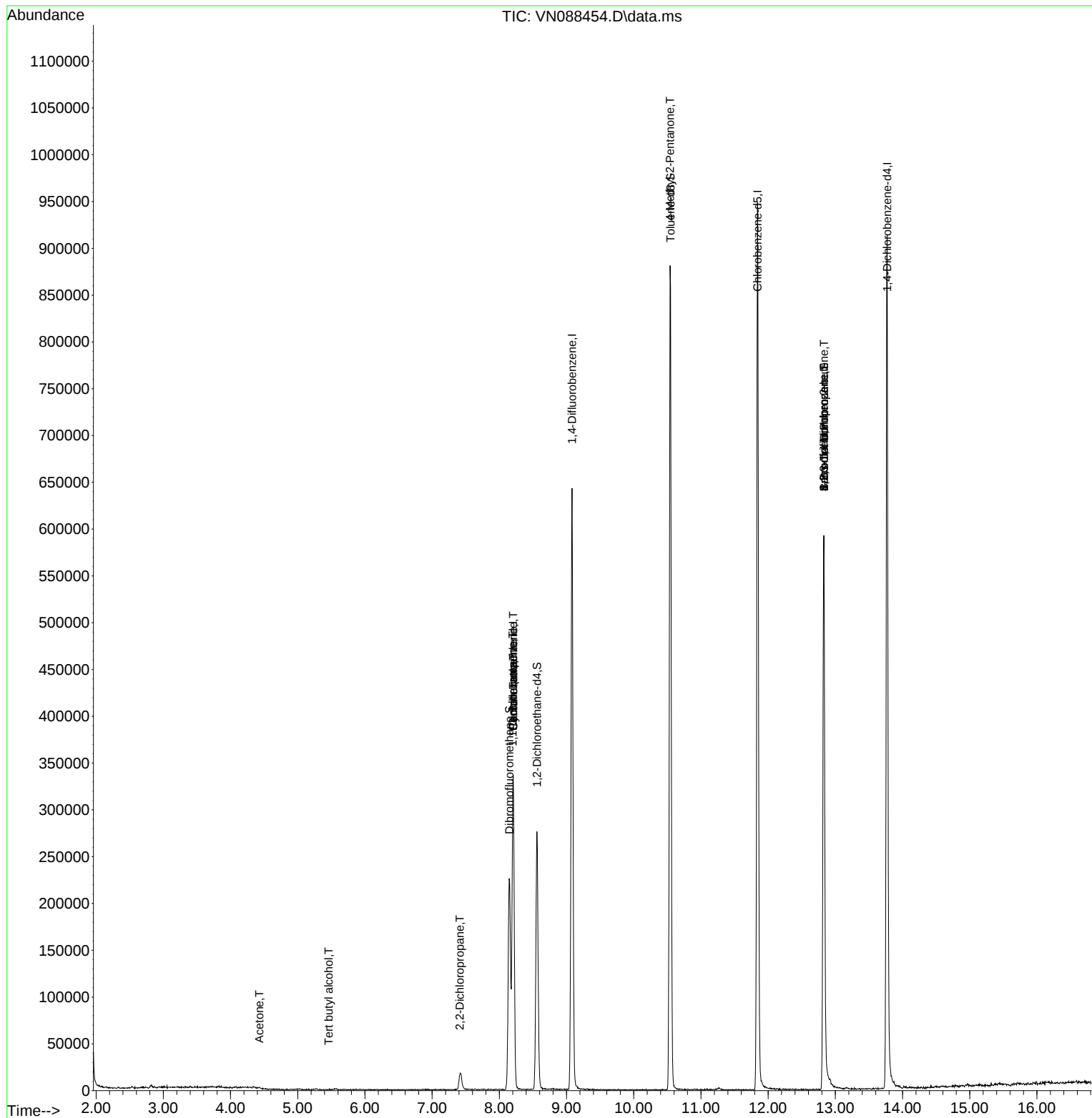
Internal Standards						
1) Pentafluorobenzene	8.206	168	215953	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.083	114	502668	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.841	117	496953	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.770	152	236823	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.559	65	234326	57.601	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 115.200%			
35) Dibromofluoromethane	8.147	113	166231	47.720	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 95.440%			
50) Toluene-d8	10.547	98	583555	45.023	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 90.040%			
62) 4-Bromofluorobenzene	12.829	95	225173	50.632	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 101.260%			
Target Compounds						Qvalue
11) Tert butyl alcohol	5.459	59	134	0.206	ug/l #	72
16) Acetone	4.430	43	1549	1.053	ug/l #	48
26) 2,2-Dichloropropane	7.412	77	1309	0.257	ug/l #	56
31) Cyclohexane	8.206	56	7147	1.336	ug/l #	41
36) 1,1-Dichloropropene	8.200	75	23653	4.400	ug/l #	52
38) Carbon Tetrachloride	8.206	117	26687	4.986	ug/l #	15
51) 4-Methyl-2-Pentanone	10.541	43	3254	0.511	ug/l #	1
71) Bromoform	12.829	173	1697	0.615	ug/l #	1
76) 1,2,3-Trichloropropane	12.829	75	132547	23.896	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.829	75	132547	67.792	ug/l #	1

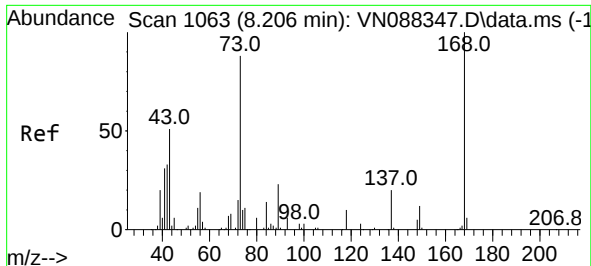
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120425\
Data File : VN088454.D
Acq On : 04 Dec 2025 18:10
Operator : JC\MD
Sample : Q3757-07 100X
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
RMW-05B-90.5-120325

Quant Time: Dec 05 00:19:27 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112425W.M
Quant Title : SW846 8260
QLast Update : Tue Nov 25 01:34:52 2025
Response via : Initial Calibration

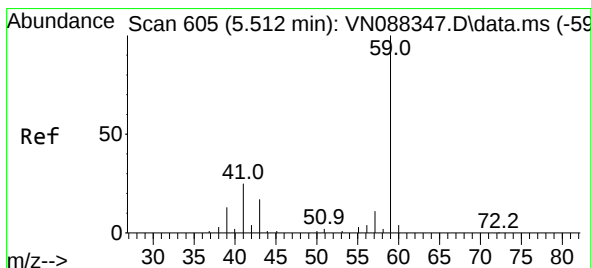
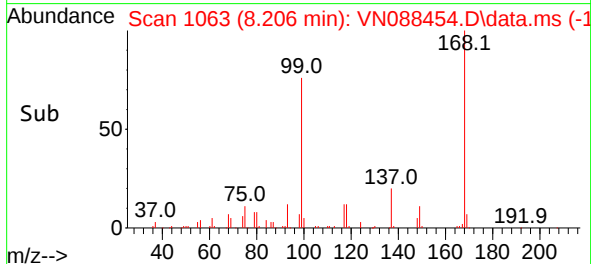
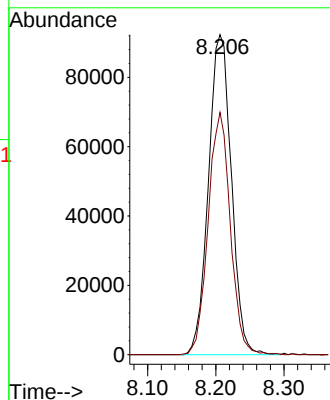
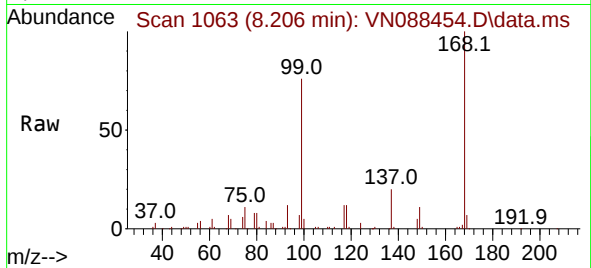




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.206 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN088454.D
Acq: 04 Dec 2025 18:10

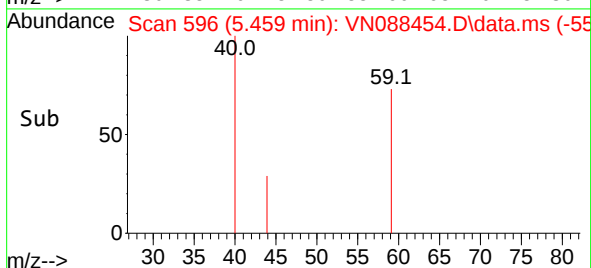
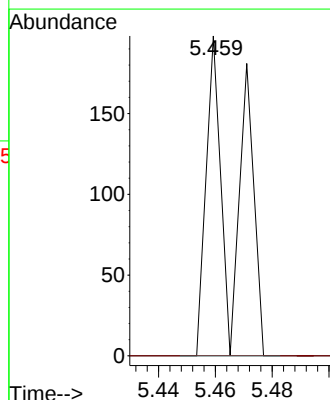
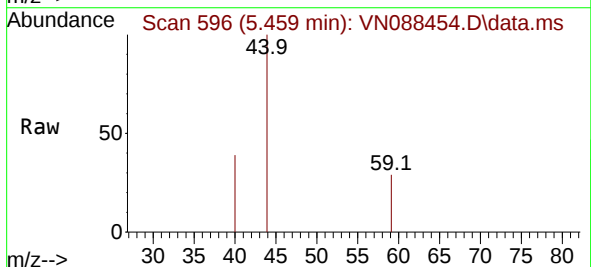
Instrument :
MSVOA_N
ClientSampleId :
RMW-05B-90.5-120325

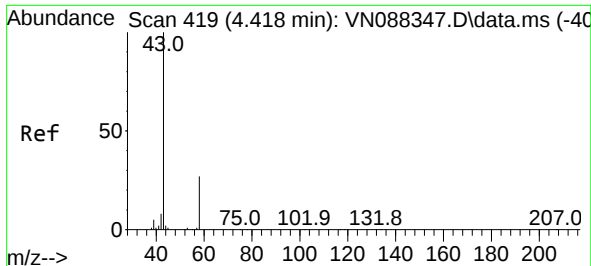
Tgt Ion:168 Resp: 215953
Ion Ratio Lower Upper
168 100
99 75.7 57.1 85.7



#11
Tert butyl alcohol
Concen: 0.206 ug/l
RT: 5.459 min Scan# 596
Delta R.T. -0.053 min
Lab File: VN088454.D
Acq: 04 Dec 2025 18:10

Tgt Ion: 59 Resp: 134
Ion Ratio Lower Upper
59 100
57 0.0 8.5 12.7#

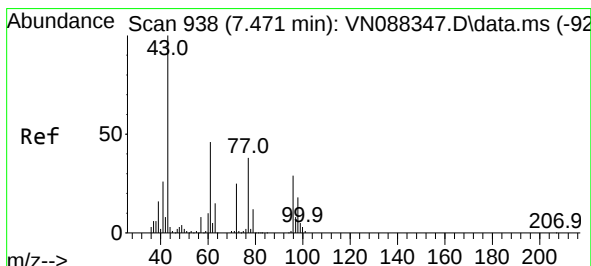
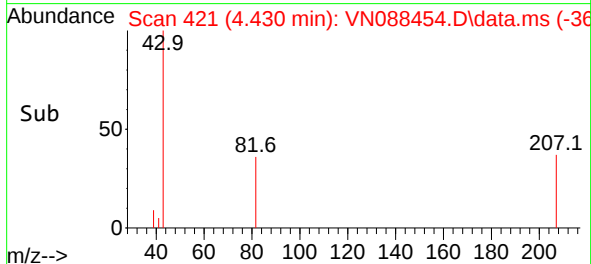
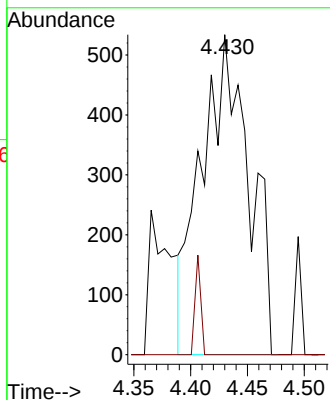
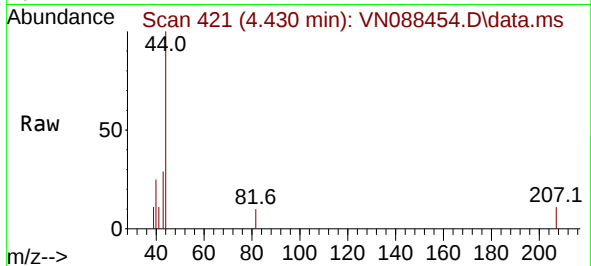




#16
Acetone
Concen: 1.053 ug/l
RT: 4.430 min Scan# 419
Delta R.T. 0.012 min
Lab File: VN088454.D
Acq: 04 Dec 2025 18:10

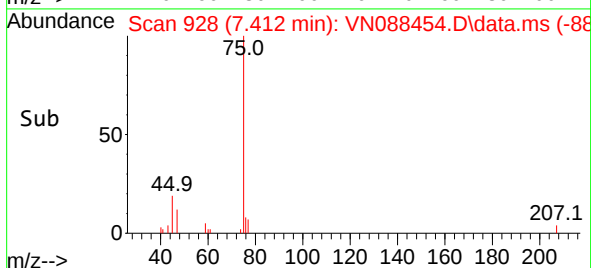
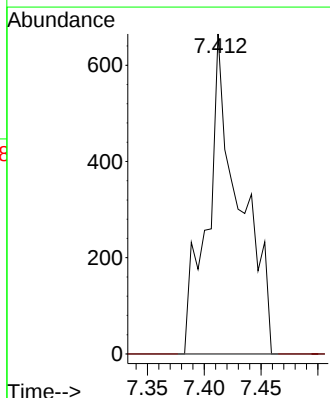
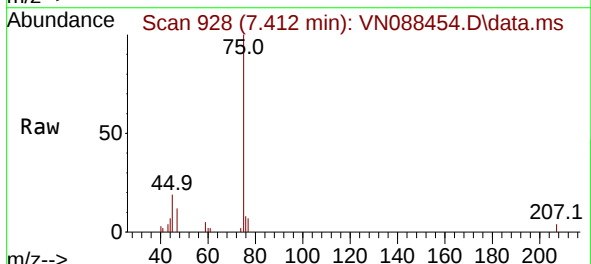
Instrument :
MSVOA_N
ClientSampleId :
RMW-05B-90.5-120325

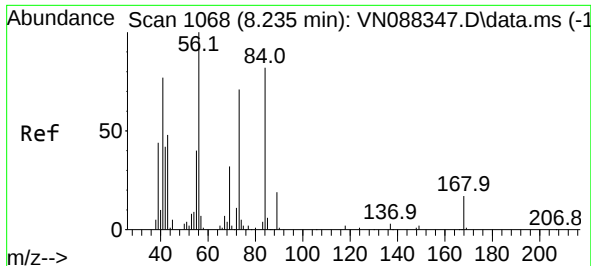
Tgt Ion: 43 Resp: 1549
Ion Ratio Lower Upper
43 100
58 0.0 21.7 32.5#



#26
2,2-Dichloropropane
Concen: 0.257 ug/l
RT: 7.412 min Scan# 928
Delta R.T. -0.059 min
Lab File: VN088454.D
Acq: 04 Dec 2025 18:10

Tgt Ion: 77 Resp: 1309
Ion Ratio Lower Upper
77 100
97 0.0 10.3 30.9#

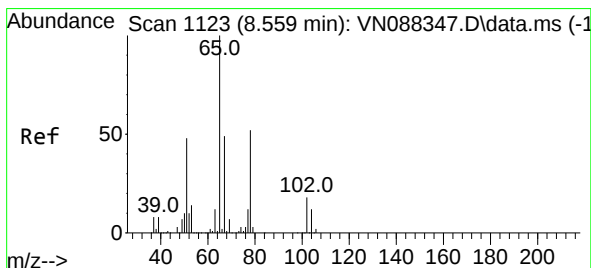
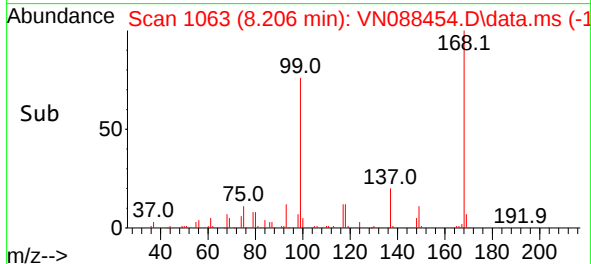
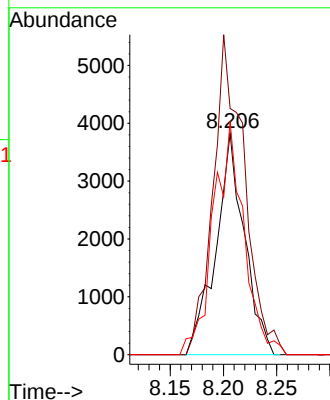
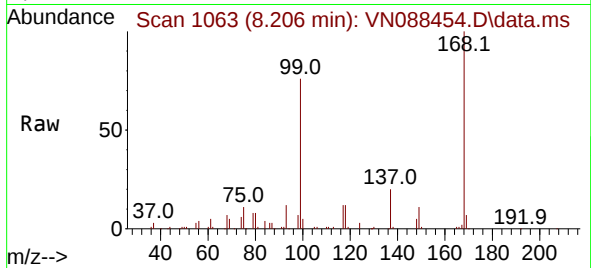




#31
Cyclohexane
Concen: 1.336 ug/l
RT: 8.206 min Scan# 1063
Delta R.T. -0.029 min
Lab File: VN088454.D
Acq: 04 Dec 2025 18:10

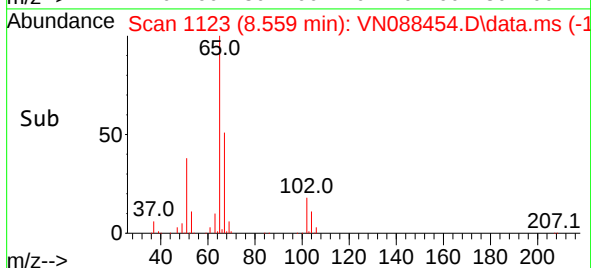
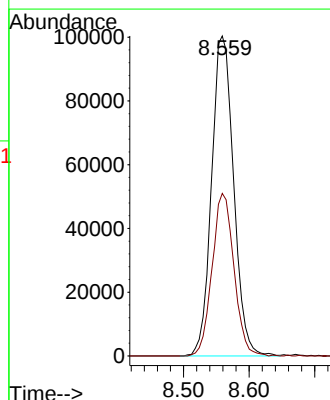
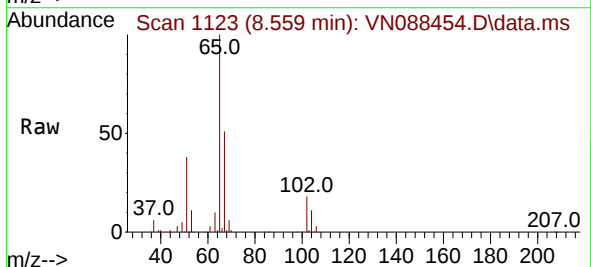
Instrument :
MSVOA_N
ClientSampleId :
RMW-05B-90.5-120325

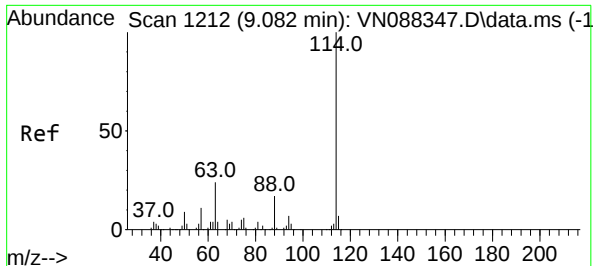
Tgt Ion:	56	Resp:	7147
Ion	Ratio	Lower	Upper
56	100		
69	111.2	25.3	37.9#
84	105.3	65.4	98.2#



#33
1,2-Dichloroethane-d4
Concen: 57.601 ug/l
RT: 8.559 min Scan# 1123
Delta R.T. 0.000 min
Lab File: VN088454.D
Acq: 04 Dec 2025 18:10

Tgt Ion:	65	Resp:	234326
Ion	Ratio	Lower	Upper
65	100		
67	50.3	0.0	100.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.083 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN088454.D

Acq: 04 Dec 2025 18:10

Instrument :

MSVOA_N

ClientSampleId :

RMW-05B-90.5-120325

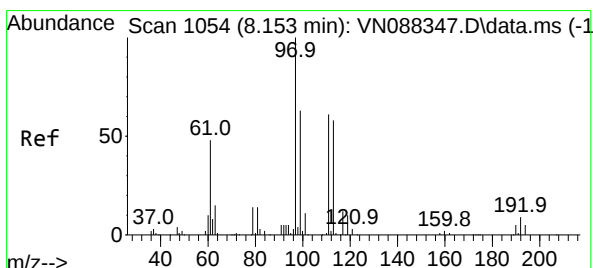
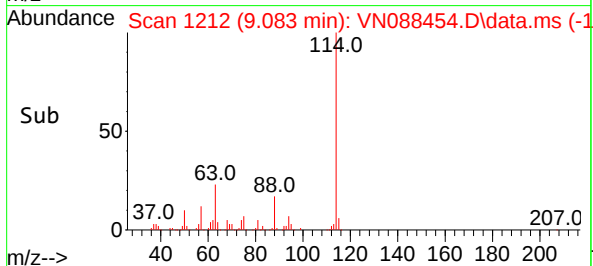
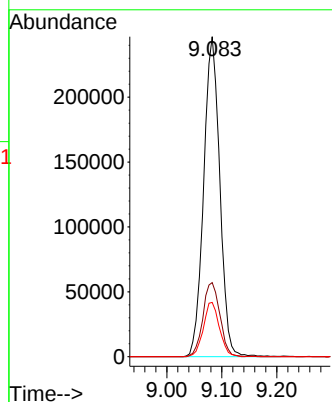
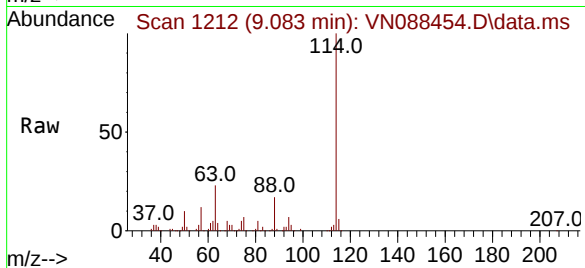
Tgt Ion:114 Resp: 502668

Ion Ratio Lower Upper

114 100

63 23.2 0.0 49.0

88 16.9 0.0 34.0



#35

Dibromofluoromethane

Concen: 47.720 ug/l

RT: 8.147 min Scan# 1053

Delta R.T. -0.006 min

Lab File: VN088454.D

Acq: 04 Dec 2025 18:10

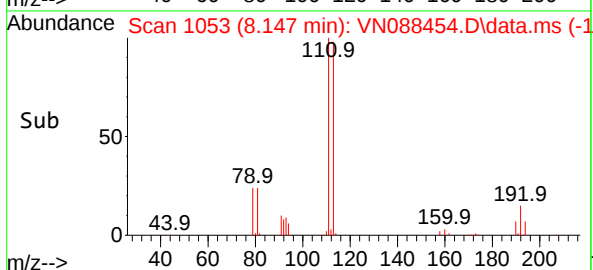
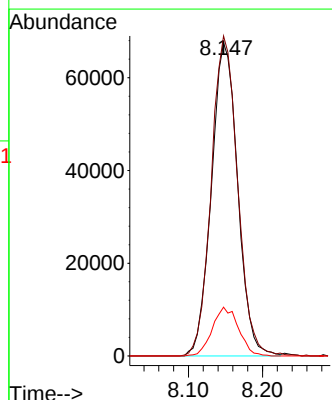
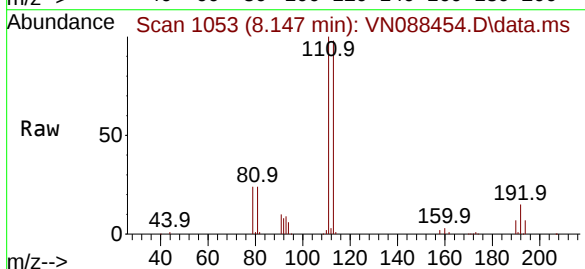
Tgt Ion:113 Resp: 166231

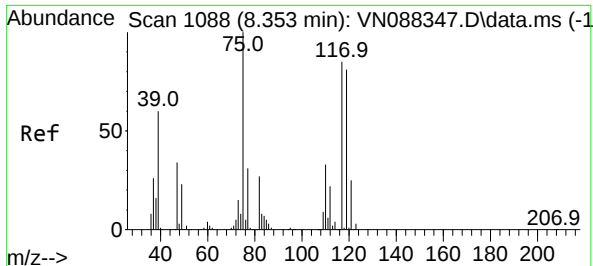
Ion Ratio Lower Upper

113 100

111 102.7 82.5 123.7

192 15.6 12.8 19.2





#36

1,1-Dichloropropene

Concen: 4.400 ug/l

RT: 8.200 min Scan# 1

Delta R.T. -0.153 min

Lab File: VN088454.D

Acq: 04 Dec 2025 18:10

Instrument :

MSVOA_N

ClientSampleId :

RMW-05B-90.5-120325

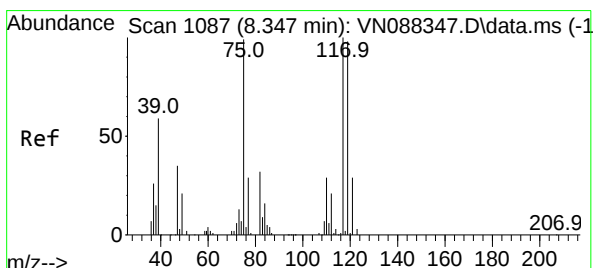
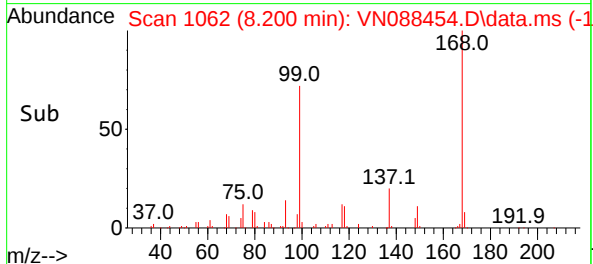
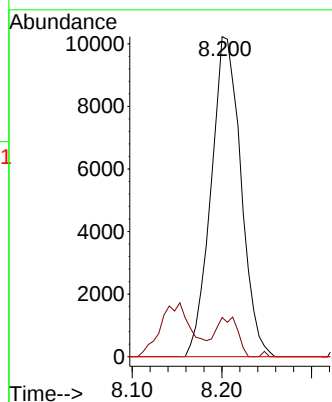
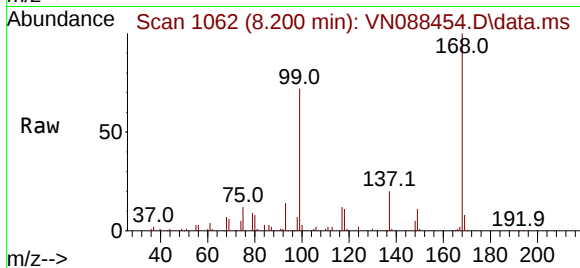
Tgt Ion: 75 Resp: 23653

Ion Ratio Lower Upper

75 100

110 9.3 15.8 47.4#

77 0.0 24.2 36.2#



#38

Carbon Tetrachloride

Concen: 4.986 ug/l

RT: 8.206 min Scan# 1063

Delta R.T. -0.141 min

Lab File: VN088454.D

Acq: 04 Dec 2025 18:10

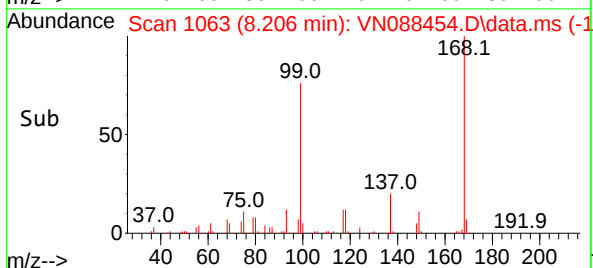
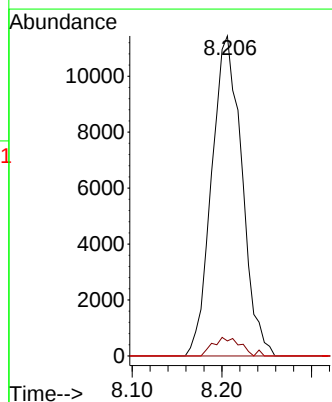
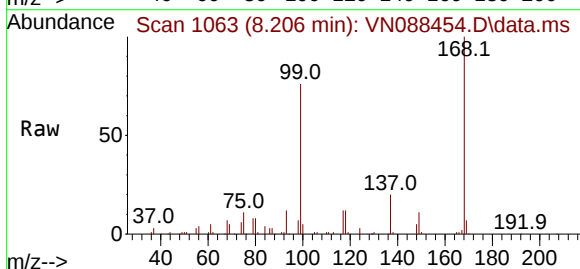
Tgt Ion: 117 Resp: 26687

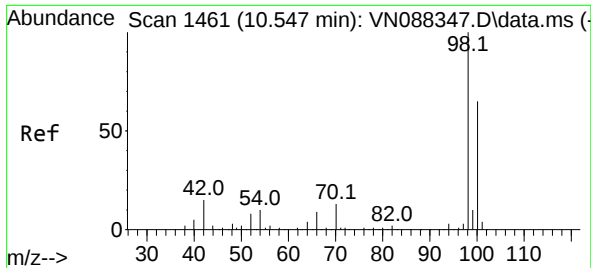
Ion Ratio Lower Upper

117 100

119 4.7 78.2 117.4#

121 0.0 23.4 35.2#

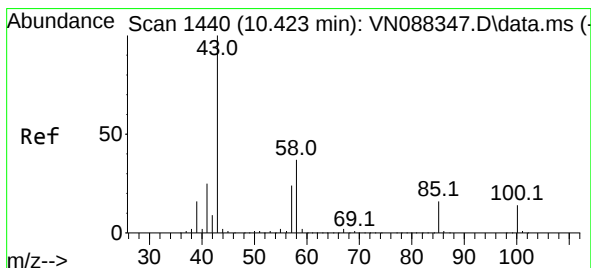
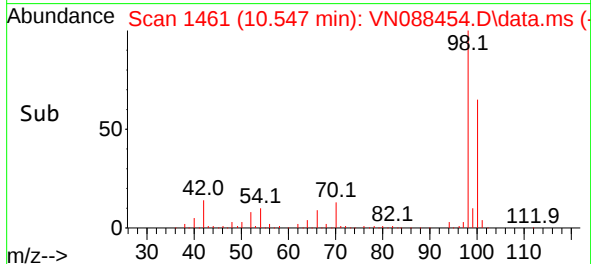
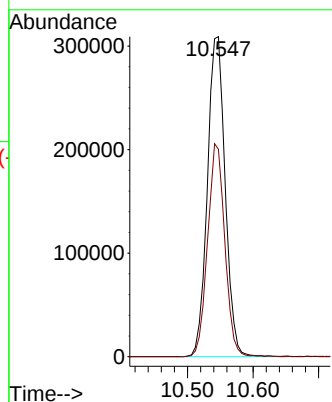
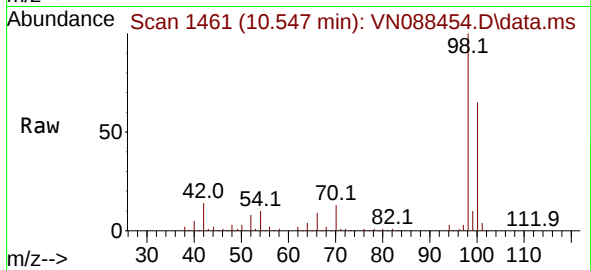




#50
Toluene-d8
Concen: 45.023 ug/l
RT: 10.547 min Scan# 1461
Delta R.T. 0.000 min
Lab File: VN088454.D
Acq: 04 Dec 2025 18:10

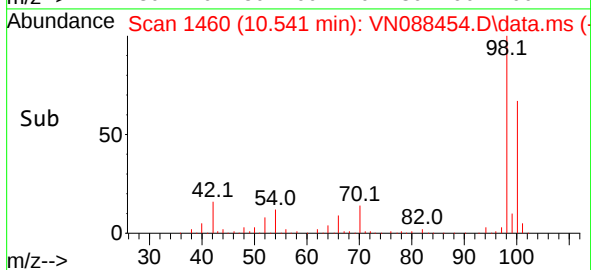
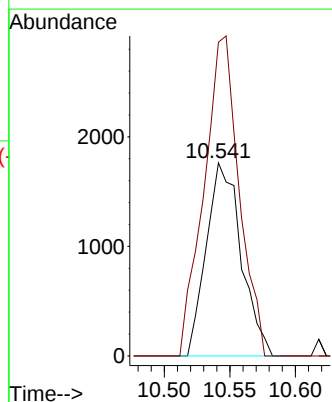
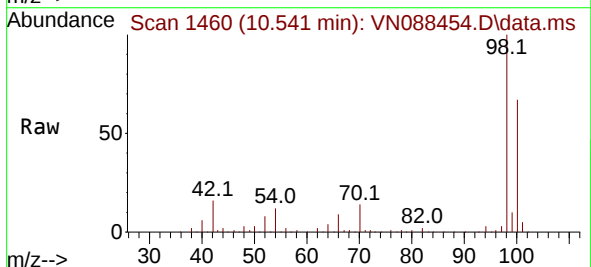
Instrument :
MSVOA_N
ClientSampleId :
RMW-05B-90.5-120325

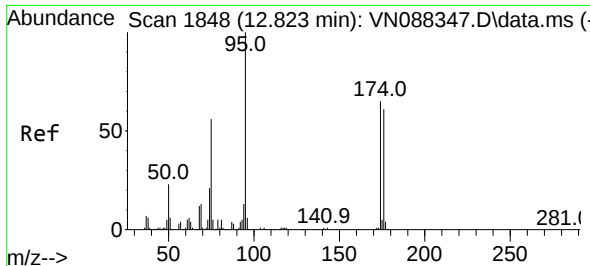
Tgt Ion: 98 Resp: 583555
Ion Ratio Lower Upper
98 100
100 64.4 52.2 78.2



#51
4-Methyl-2-Pentanone
Concen: 0.511 ug/l
RT: 10.541 min Scan# 1460
Delta R.T. 0.118 min
Lab File: VN088454.D
Acq: 04 Dec 2025 18:10

Tgt Ion: 43 Resp: 3254
Ion Ratio Lower Upper
43 100
58 167.2 29.1 43.7#

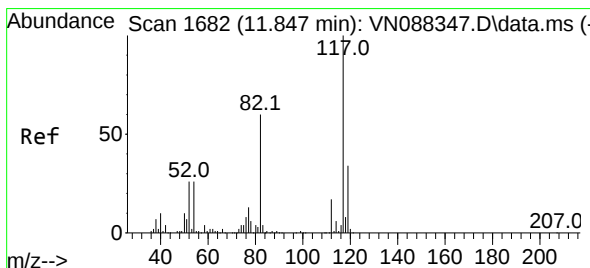
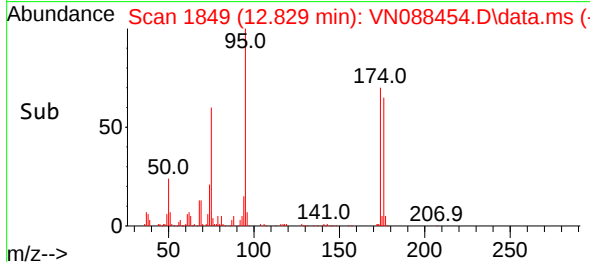
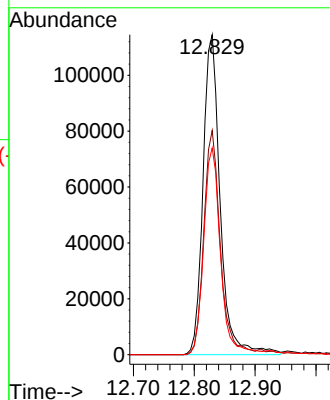
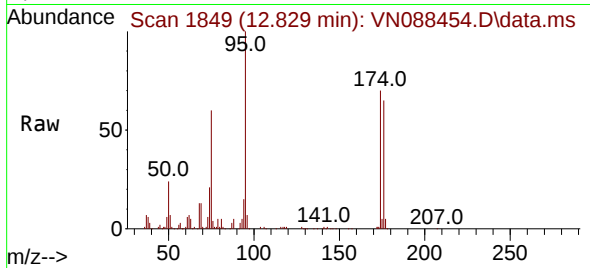




#62
4-Bromofluorobenzene
Concen: 50.632 ug/l
RT: 12.829 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN088454.D
Acq: 04 Dec 2025 18:10

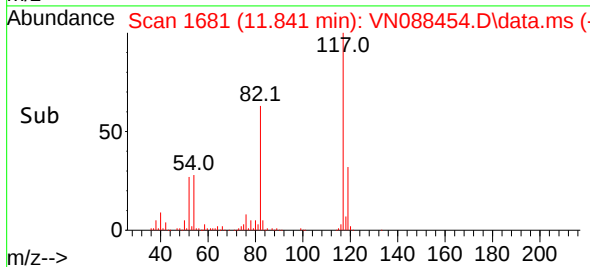
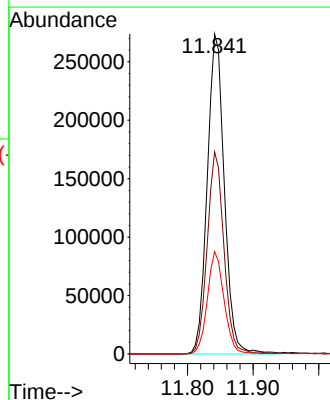
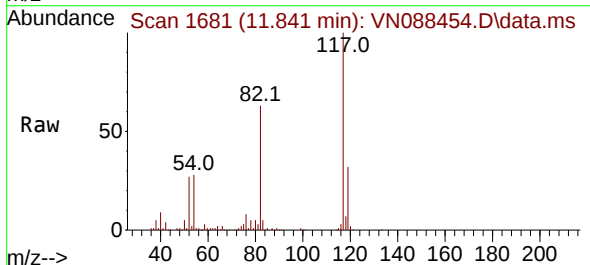
Instrument :
MSVOA_N
ClientSampleId :
RMW-05B-90.5-120325

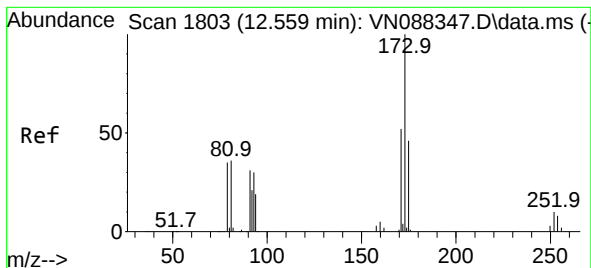
Tgt Ion: 95 Resp: 225173
Ion Ratio Lower Upper
95 100
174 67.1 0.0 139.0
176 63.1 0.0 132.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.841 min Scan# 1681
Delta R.T. -0.006 min
Lab File: VN088454.D
Acq: 04 Dec 2025 18:10

Tgt Ion: 117 Resp: 496953
Ion Ratio Lower Upper
117 100
82 63.1 47.8 71.8
119 31.9 26.9 40.3





#71

Bromoform

Concen: 0.615 ug/l

RT: 12.829 min Scan# 1803

Delta R.T. 0.271 min

Lab File: VN088454.D

Acq: 04 Dec 2025 18:10

Instrument :

MSVOA_N

ClientSampleId :

RMW-05B-90.5-120325

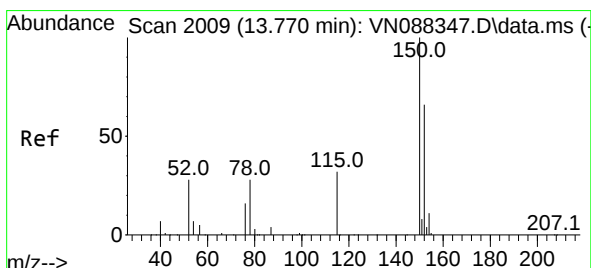
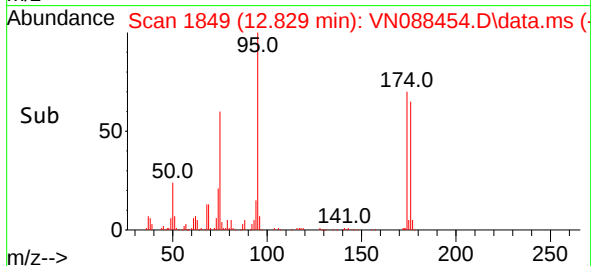
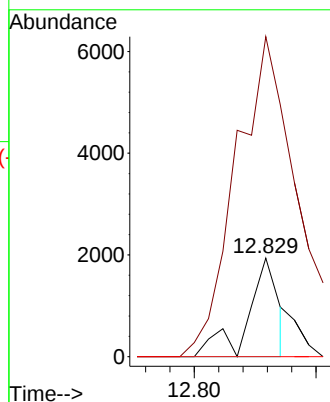
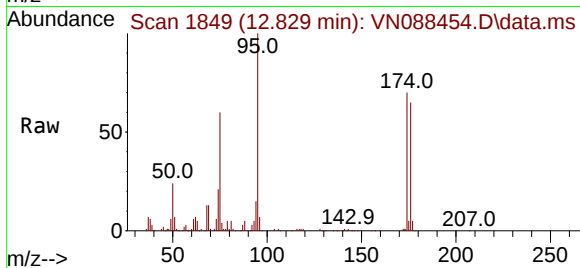
Tgt Ion:173 Resp: 1697

Ion Ratio Lower Upper

173 100

175 481.4 23.9 71.8#

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. 0.000 min

Lab File: VN088454.D

Acq: 04 Dec 2025 18:10

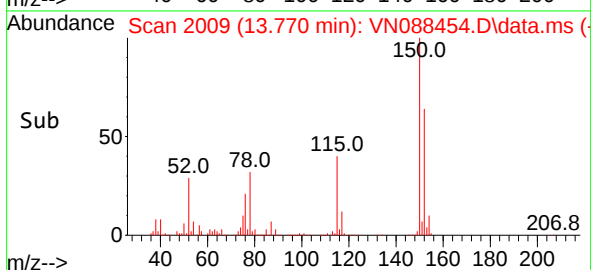
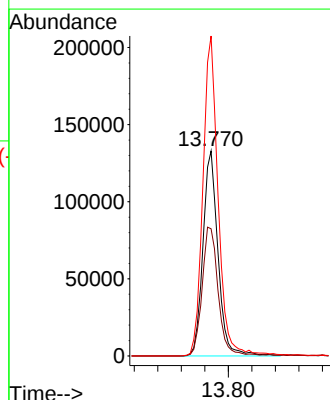
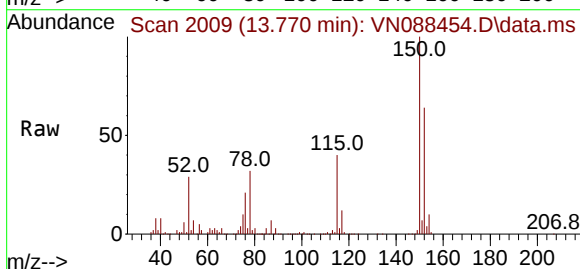
Tgt Ion:152 Resp: 236823

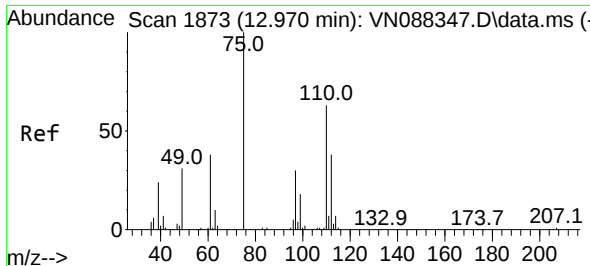
Ion Ratio Lower Upper

152 100

115 66.8 33.0 98.9

150 157.7 0.0 349.0

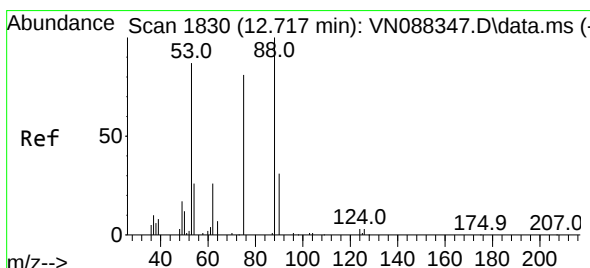
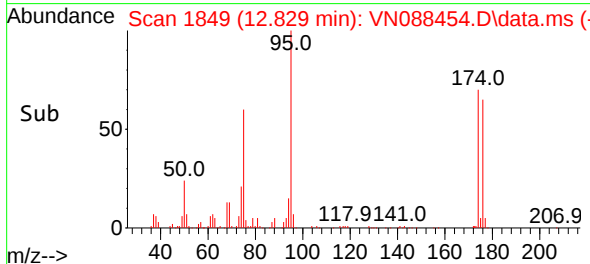
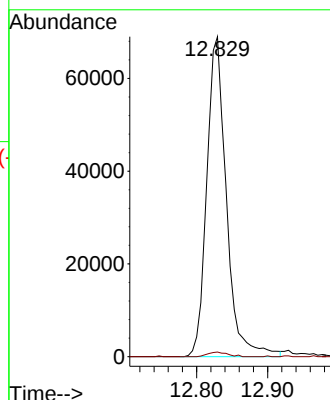
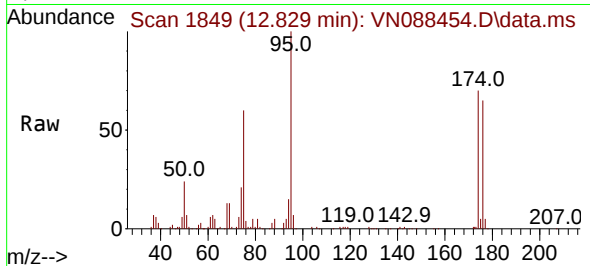




#76
1,2,3-Trichloropropane
Concen: 23.896 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. -0.141 min
Lab File: VN088454.D
Acq: 04 Dec 2025 18:10

Instrument :
MSVOA_N
ClientSampleId :
RMW-05B-90.5-120325

Tgt Ion: 75 Resp: 132547
Ion Ratio Lower Upper
75 100
77 1.5 87.2 261.6#



#81
trans-1,4-Dichloro-2-butene
Concen: 67.792 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. 0.112 min
Lab File: VN088454.D
Acq: 04 Dec 2025 18:10

Tgt Ion: 75 Resp: 132547
Ion Ratio Lower Upper
75 100
53 0.1 92.2 138.4#
89 0.0 0.0 0.0

