

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061725\
 Data File : VN087065.D
 Acq On : 17 Jun 2025 17:13
 Operator : JC\MD
 Sample : Q2329-03
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TT119S1-20250612

Quant Time: Jun 18 01:51:37 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060625W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 07 02:12:50 2025
 Response via : Initial Calibration

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

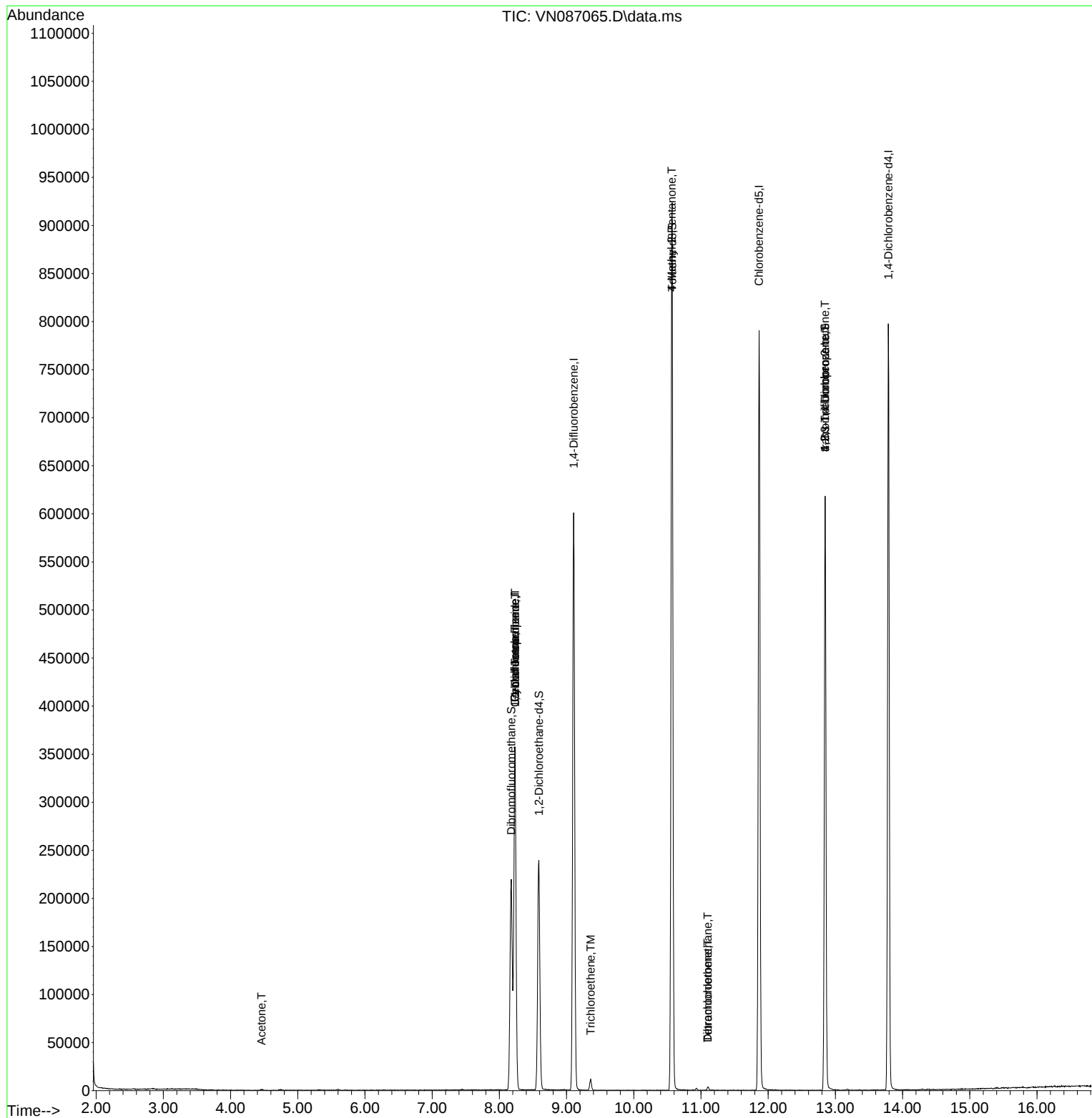
Internal Standards						
1) Pentafluorobenzene	8.229	168	282994	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	562247	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.864	117	504751	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	235936	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	194771	51.405	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 102.800%			
35) Dibromofluoromethane	8.177	113	171035	51.331	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 102.660%			
50) Toluene-d8	10.570	98	690846	52.374	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 104.740%			
62) 4-Bromofluorobenzene	12.847	95	244256	49.841	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 99.680%			
Target Compounds						Qvalue
16) Acetone	4.459	43	1565	0.779	ug/l	98
31) Cyclohexane	8.229	56	4778	0.777	ug/l #	1
36) 1,1-Dichloropropene	8.235	75	20728	4.175	ug/l #	48
38) Carbon Tetrachloride	8.235	117	27579	5.658	ug/l #	16
44) Trichloroethene	9.359	130	4718	1.226	ug/l	86
51) 4-Methyl-2-Pentanone	10.565	43	2166	0.355	ug/l #	1
60) Dibromochloromethane	11.100	129	901	0.227	ug/l #	11
64) Tetrachloroethene	11.100	164	723	0.226	ug/l	95
76) 1,2,3-Trichloropropane	12.847	75	110179	19.646	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	110179	45.224	ug/l #	16

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061725\
Data File : VN087065.D
Acq On : 17 Jun 2025 17:13
Operator : JC\MD
Sample : Q2329-03
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
TT119S1-20250612

Quant Time: Jun 18 01:51:37 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060625W.M
Quant Title : SW846 8260
QLast Update : Sat Jun 07 02:12:50 2025
Response via : Initial Calibration

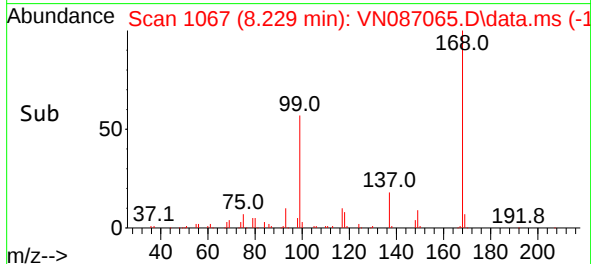
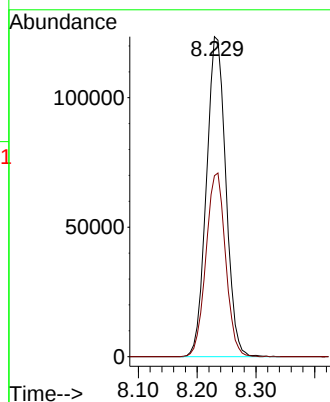
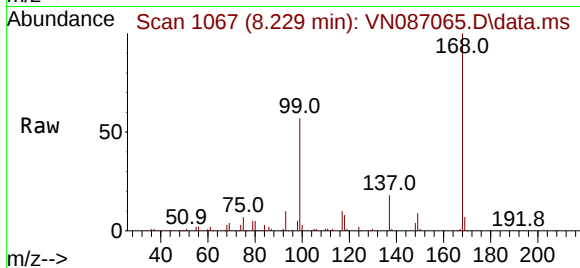




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.229 min Scan# 1067
Delta R.T. -0.007 min
Lab File: VN087065.D
Acq: 17 Jun 2025 17:13

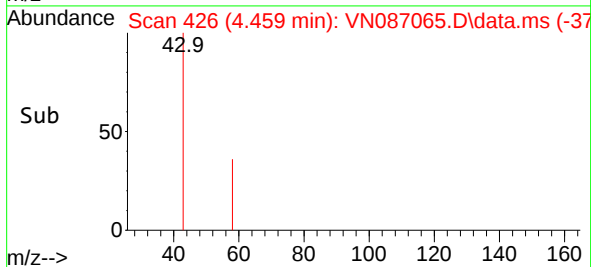
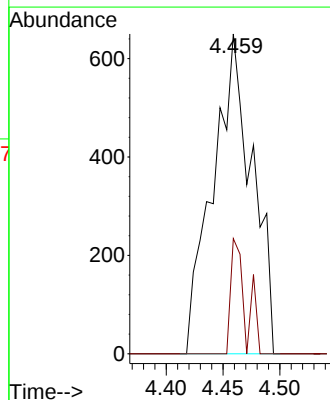
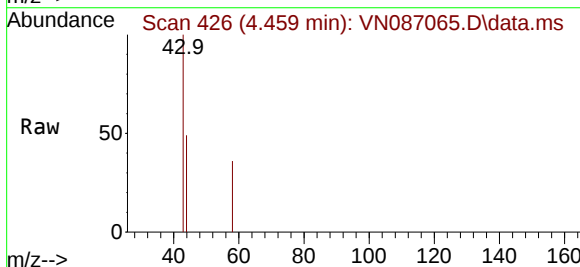
Instrument :
MSVOA_N
ClientSampleId :
TT119S1-20250612

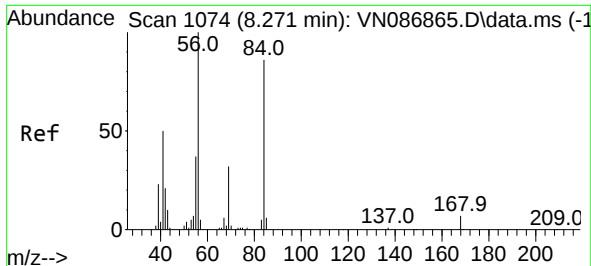
Tgt Ion:168 Resp: 282994
Ion Ratio Lower Upper
168 100
99 56.6 49.1 73.7



#16
Acetone
Concen: 0.779 ug/l
RT: 4.459 min Scan# 426
Delta R.T. 0.011 min
Lab File: VN087065.D
Acq: 17 Jun 2025 17:13

Tgt Ion: 43 Resp: 1565
Ion Ratio Lower Upper
43 100
58 36.0 28.0 42.0

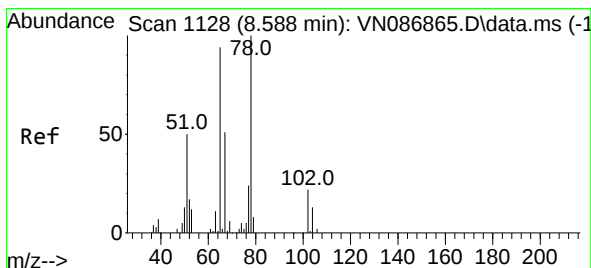
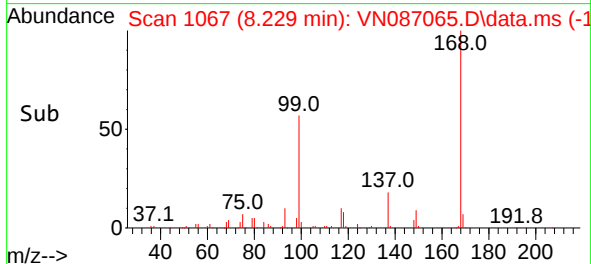
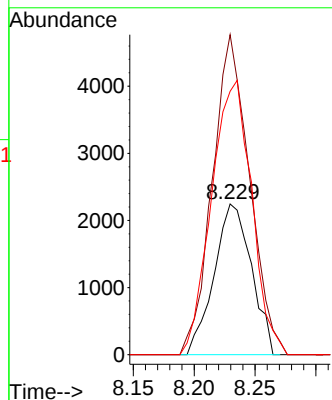
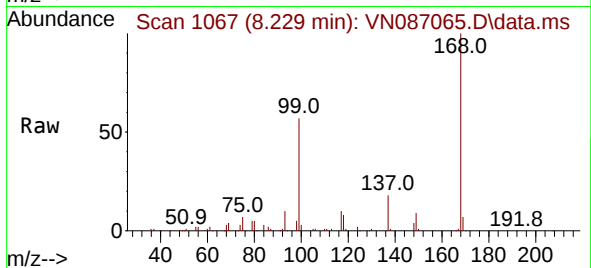




#31
Cyclohexane
Concen: 0.777 ug/l
RT: 8.229 min Scan# 1067
Delta R.T. -0.041 min
Lab File: VN087065.D
Acq: 17 Jun 2025 17:13

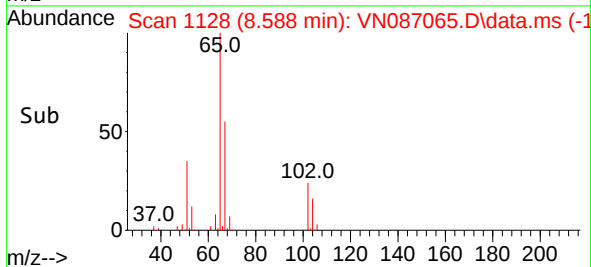
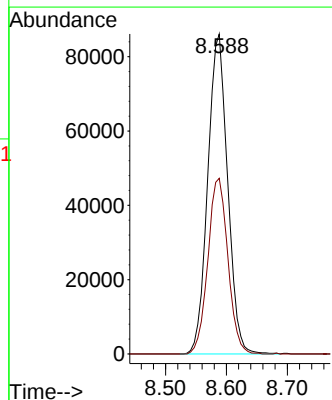
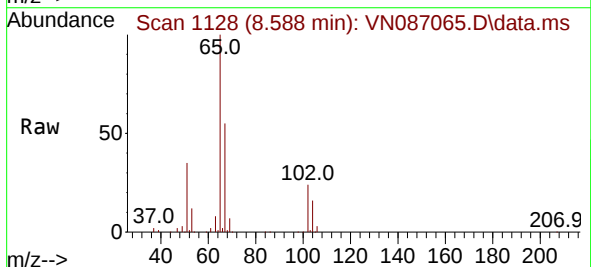
Instrument :
MSVOA_N
ClientSampleId :
TT119S1-20250612

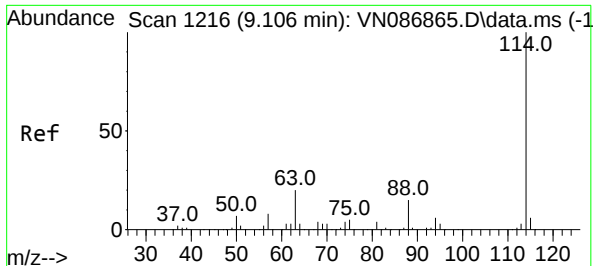
Tgt Ion: 56 Resp: 4778
Ion Ratio Lower Upper
56 100
69 212.4 25.4 38.0#
84 174.8 68.8 103.2#



#33
1,2-Dichloroethane-d4
Concen: 51.405 ug/l
RT: 8.588 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VN087065.D
Acq: 17 Jun 2025 17:13

Tgt Ion: 65 Resp: 194771
Ion Ratio Lower Upper
65 100
67 55.4 0.0 105.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN087065.D

Acq: 17 Jun 2025 17:13

Instrument :

MSVOA_N

ClientSampleId :

TT119S1-20250612

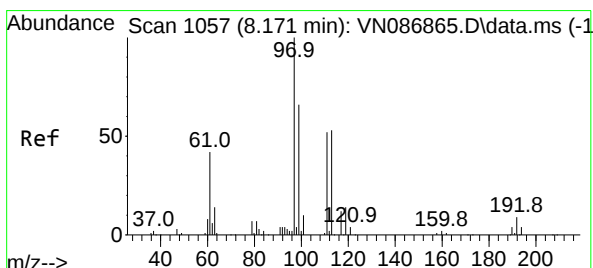
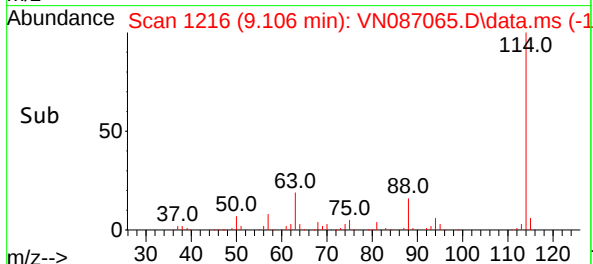
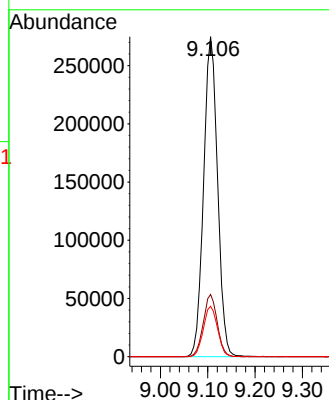
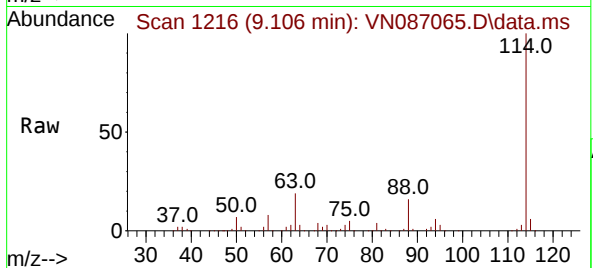
Tgt Ion:114 Resp: 562247

Ion Ratio Lower Upper

114 100

63 19.4 0.0 39.6

88 15.7 0.0 30.2



#35

Dibromofluoromethane

Concen: 51.331 ug/l

RT: 8.177 min Scan# 1058

Delta R.T. 0.006 min

Lab File: VN087065.D

Acq: 17 Jun 2025 17:13

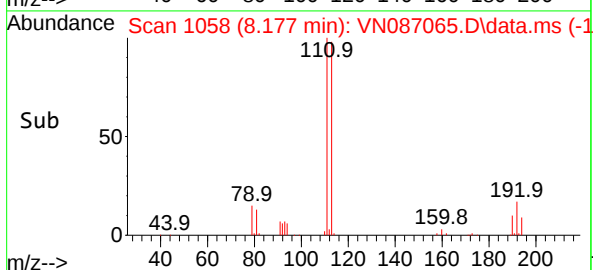
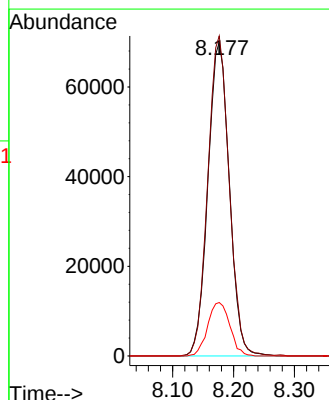
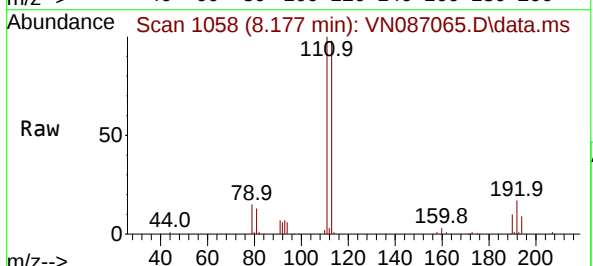
Tgt Ion:113 Resp: 171035

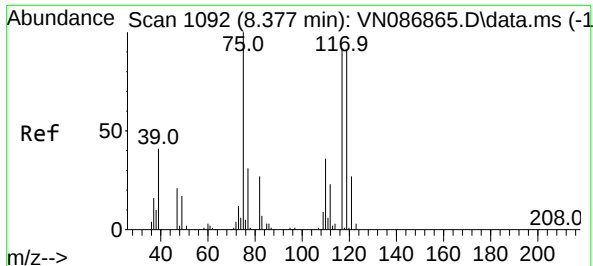
Ion Ratio Lower Upper

113 100

111 101.8 84.2 126.2

192 17.6 14.2 21.4





#36

1,1-Dichloropropene

Concen: 4.175 ug/l

RT: 8.235 min Scan# 1068

Delta R.T. -0.141 min

Lab File: VN087065.D

Acq: 17 Jun 2025 17:13

Instrument :

MSVOA_N

ClientSampleId :

TT119S1-20250612

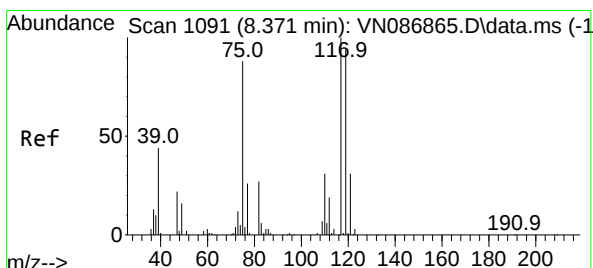
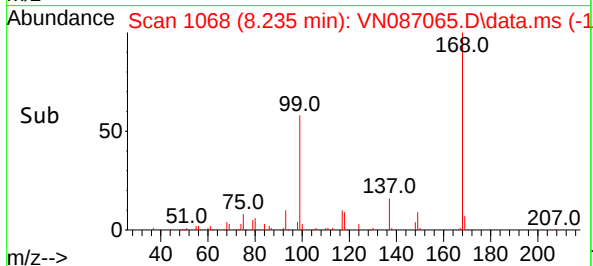
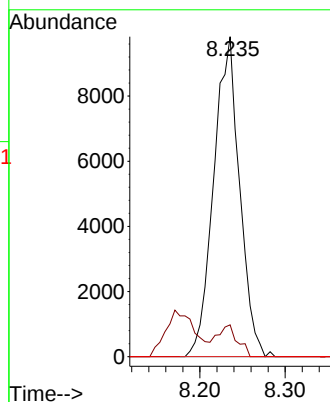
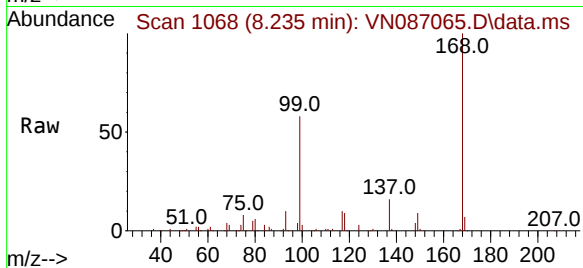
Tgt Ion: 75 Resp: 20728

Ion Ratio Lower Upper

75 100

110 7.7 17.6 52.9#

77 0.0 25.3 37.9#



#38

Carbon Tetrachloride

Concen: 5.658 ug/l

RT: 8.235 min Scan# 1068

Delta R.T. -0.136 min

Lab File: VN087065.D

Acq: 17 Jun 2025 17:13

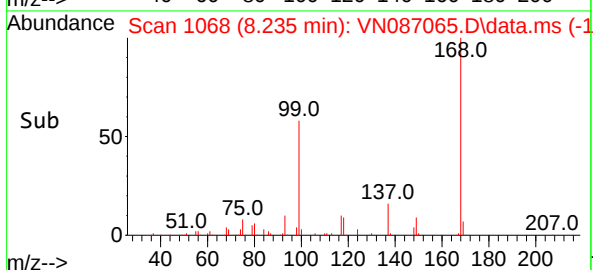
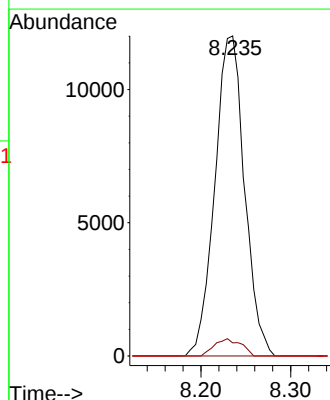
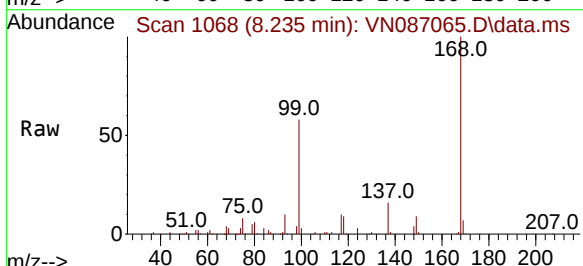
Tgt Ion: 117 Resp: 27579

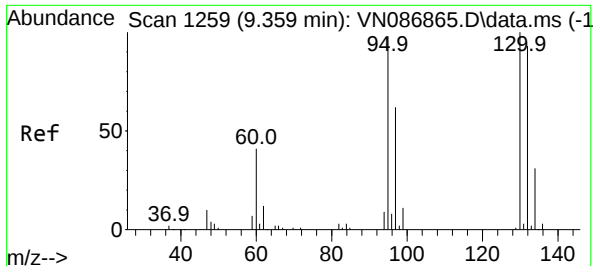
Ion Ratio Lower Upper

117 100

119 4.1 75.0 112.6#

121 0.0 24.9 37.3#

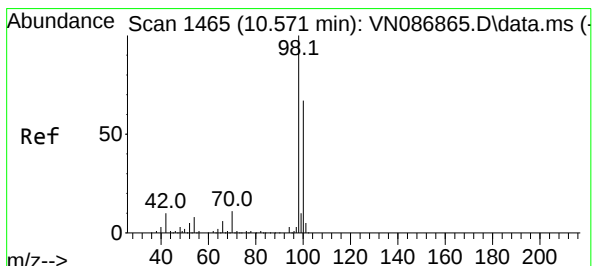
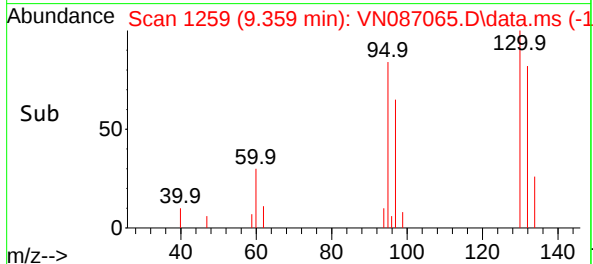
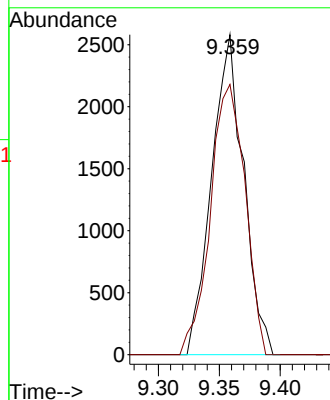
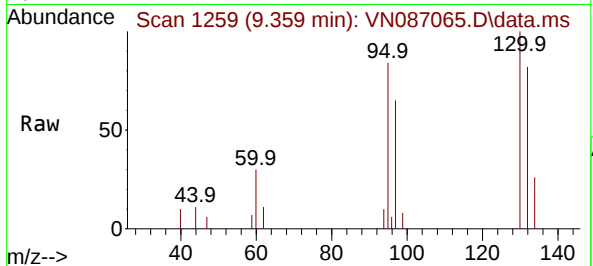




#44
Trichloroethene
Concen: 1.226 ug/l
RT: 9.359 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN087065.D
Acq: 17 Jun 2025 17:13

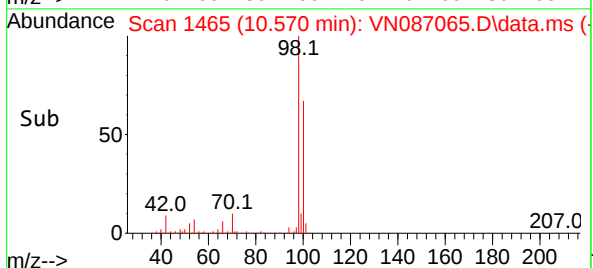
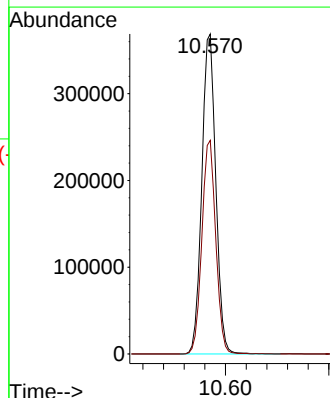
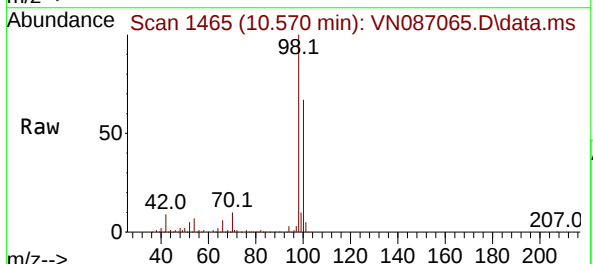
Instrument :
MSVOA_N
ClientSampleId :
TT119S1-20250612

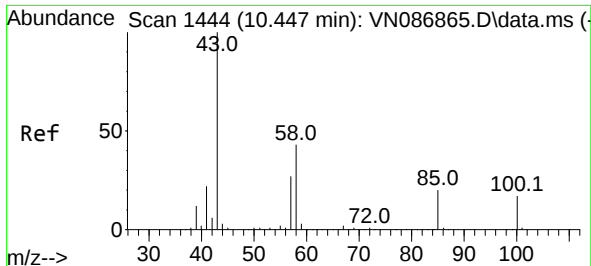
Tgt Ion:130 Resp: 4718
Ion Ratio Lower Upper
130 100
95 84.5 0.0 196.2



#50
Toluene-d8
Concen: 52.374 ug/l
RT: 10.570 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN087065.D
Acq: 17 Jun 2025 17:13

Tgt Ion: 98 Resp: 690846
Ion Ratio Lower Upper
98 100
100 66.3 53.4 80.0

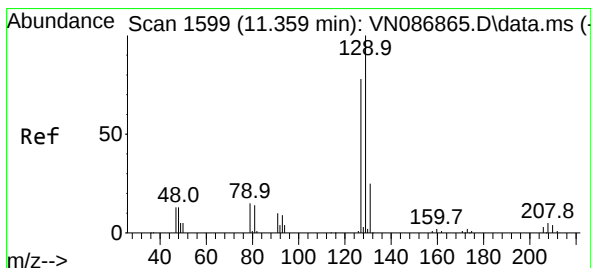
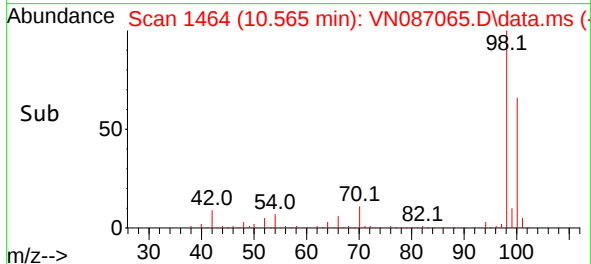
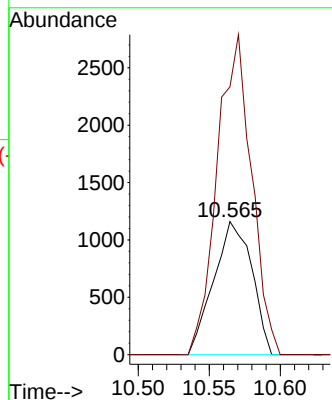
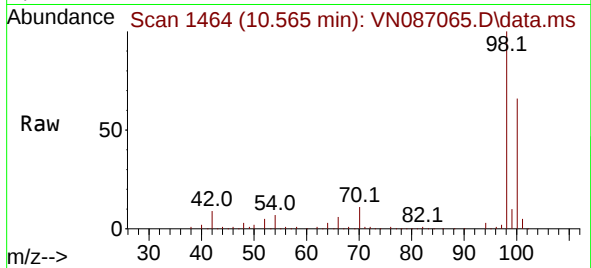




#51
4-Methyl-2-Pentanone
Concen: 0.355 ug/l
RT: 10.565 min Scan# 14
Delta R.T. 0.117 min
Lab File: VN087065.D
Acq: 17 Jun 2025 17:13

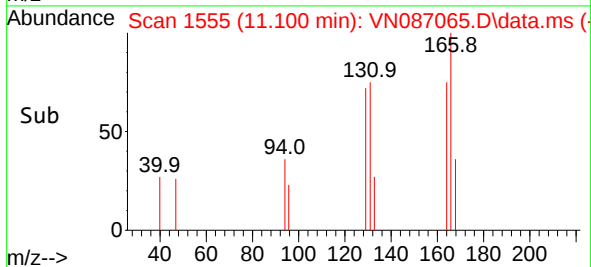
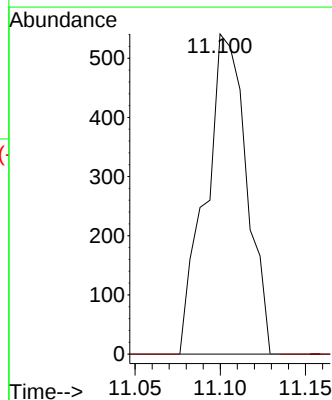
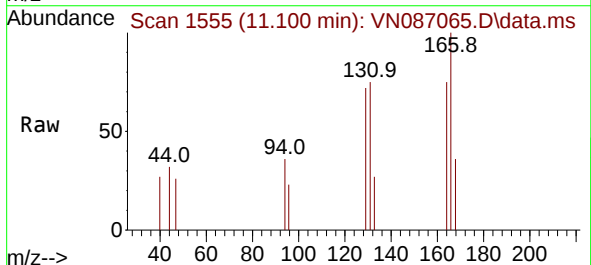
Instrument :
MSVOA_N
ClientSampleId :
TT119S1-20250612

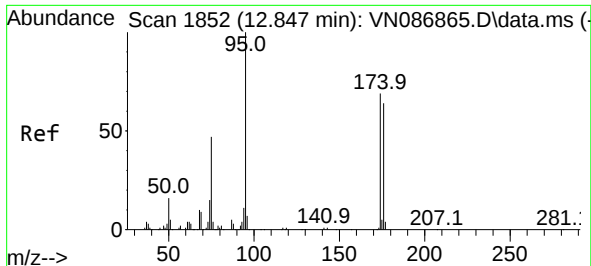
Tgt Ion: 43 Resp: 2166
Ion Ratio Lower Upper
43 100
58 217.3 34.2 51.4#



#60
Dibromochloromethane
Concen: 0.227 ug/l
RT: 11.100 min Scan# 1555
Delta R.T. -0.259 min
Lab File: VN087065.D
Acq: 17 Jun 2025 17:13

Tgt Ion: 129 Resp: 901
Ion Ratio Lower Upper
129 100
127 0.0 38.6 115.8#

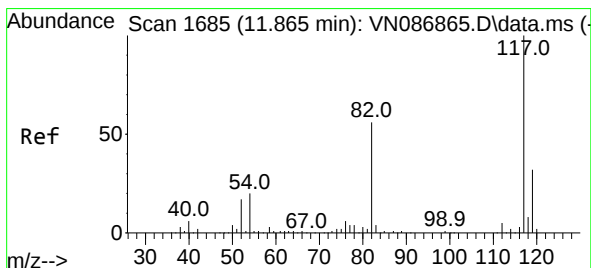
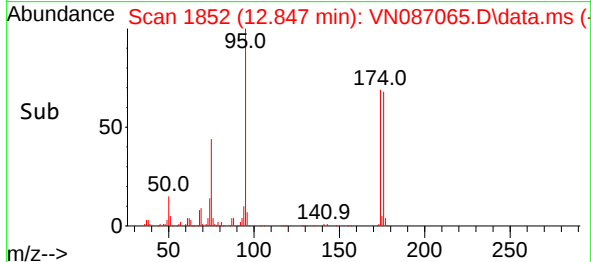
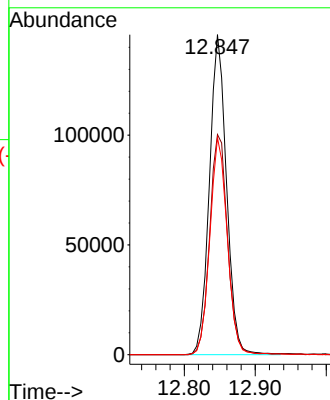
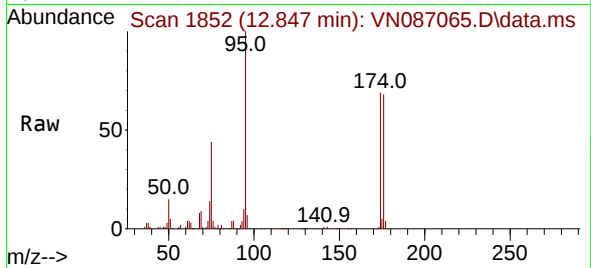




#62
4-Bromofluorobenzene
Concen: 49.841 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN087065.D
Acq: 17 Jun 2025 17:13

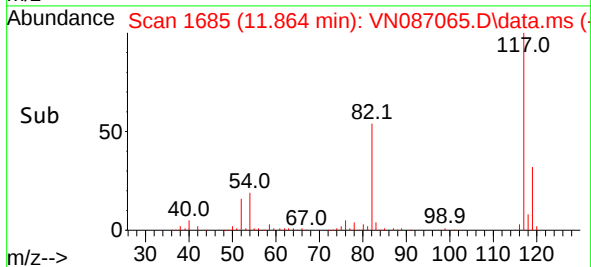
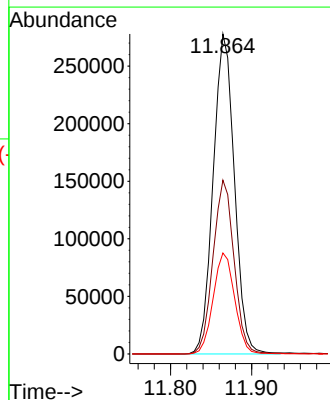
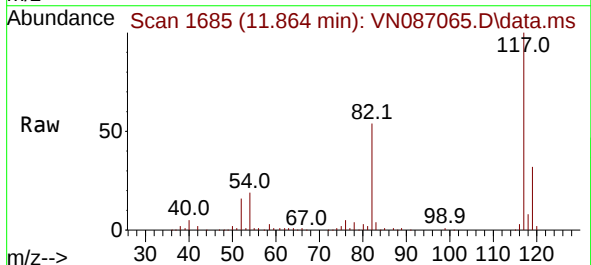
Instrument :
MSVOA_N
ClientSampleId :
TT119S1-20250612

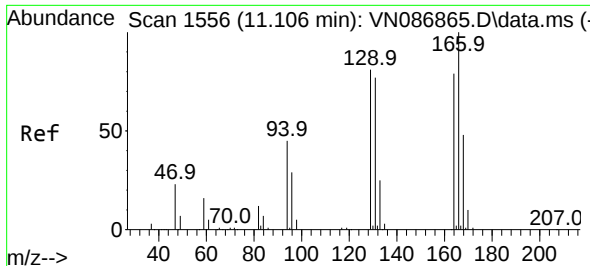
Tgt Ion: 95 Resp: 244256
Ion Ratio Lower Upper
95 100
174 72.1 0.0 141.8
176 69.0 0.0 132.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.864 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN087065.D
Acq: 17 Jun 2025 17:13

Tgt Ion: 117 Resp: 504751
Ion Ratio Lower Upper
117 100
82 54.3 44.6 67.0
119 31.6 25.5 38.3

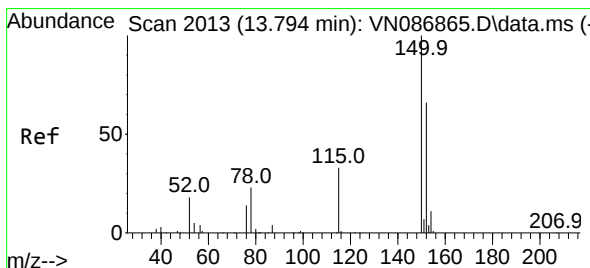
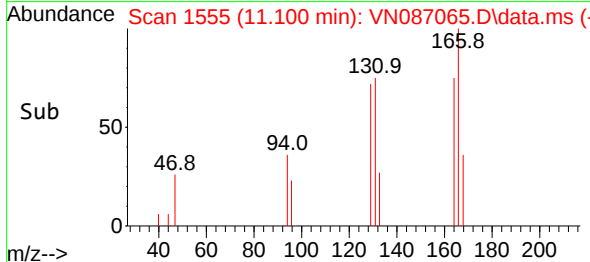
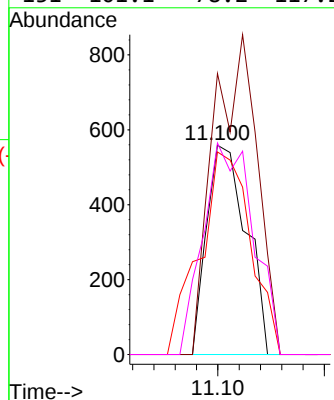
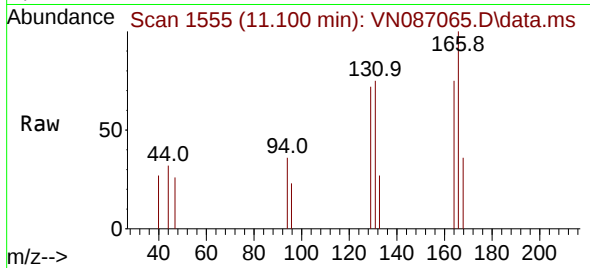




#64
Tetrachloroethene
Concen: 0.226 ug/l
RT: 11.100 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN087065.D
Acq: 17 Jun 2025 17:13

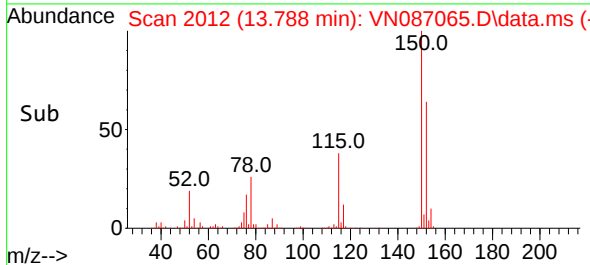
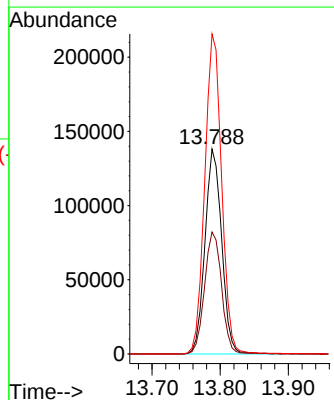
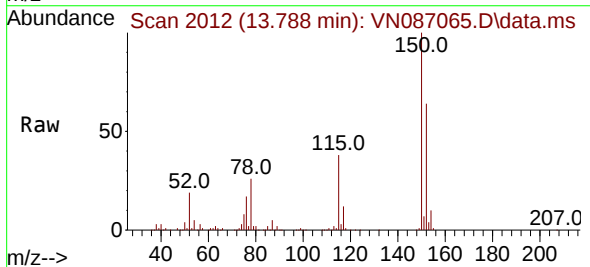
Instrument :
MSVOA_N
ClientSampleId :
TT119S1-20250612

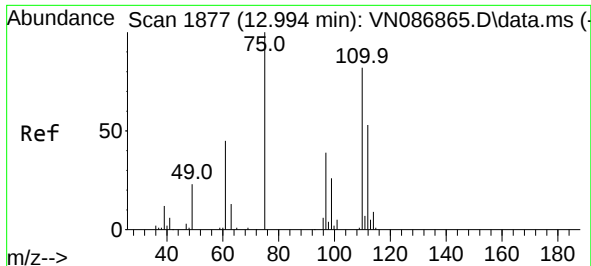
Tgt Ion:164 Resp: 723
Ion Ratio Lower Upper
164 100
166 134.2 101.8 152.8
129 96.8 83.0 124.4
131 101.1 78.2 117.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. -0.006 min
Lab File: VN087065.D
Acq: 17 Jun 2025 17:13

Tgt Ion:152 Resp: 235936
Ion Ratio Lower Upper
152 100
115 60.7 30.1 90.5
150 157.1 0.0 345.0

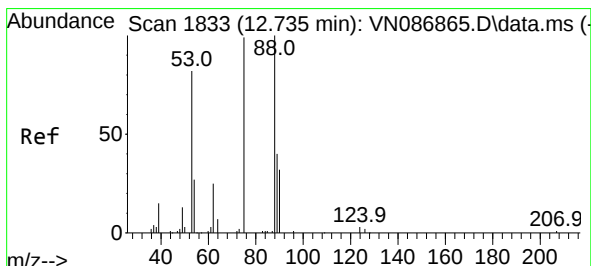
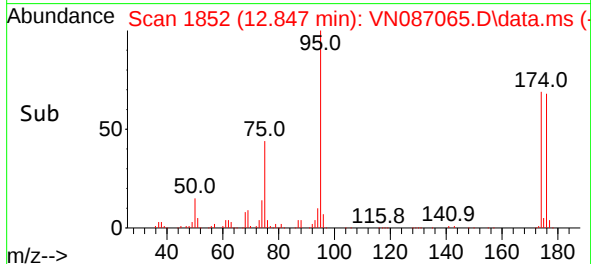
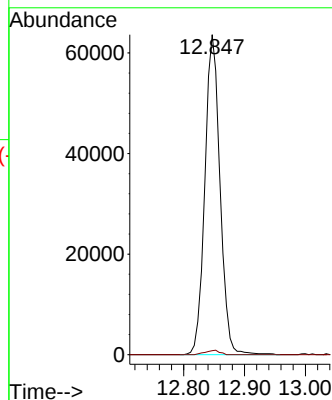
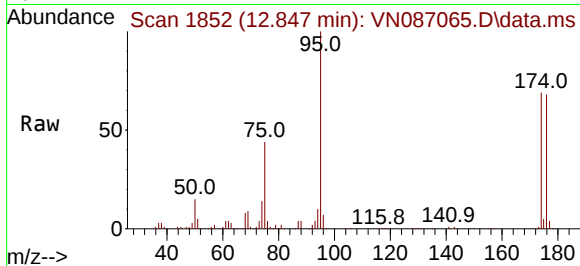




#76
1,2,3-Trichloropropane
Concen: 19.646 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.147 min
Lab File: VN087065.D
Acq: 17 Jun 2025 17:13

Instrument :
MSVOA_N
ClientSampleId :
TT119S1-20250612

Tgt Ion: 75 Resp: 110179
Ion Ratio Lower Upper
75 100
77 1.3 79.3 237.9#



#81
trans-1,4-Dichloro-2-butene
Concen: 45.224 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.111 min
Lab File: VN087065.D
Acq: 17 Jun 2025 17:13

Tgt Ion: 75 Resp: 110179
Ion Ratio Lower Upper
75 100
53 0.0 66.6 99.8#
89 0.0 36.7 55.1#

