

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050925\
 Data File : VN086565.D
 Acq On : 09 May 2025 16:32
 Operator : JC\MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

Quant Time: May 09 23:30:33 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N041525W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 16 04:19:23 2025
 Response via : Initial Calibration

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

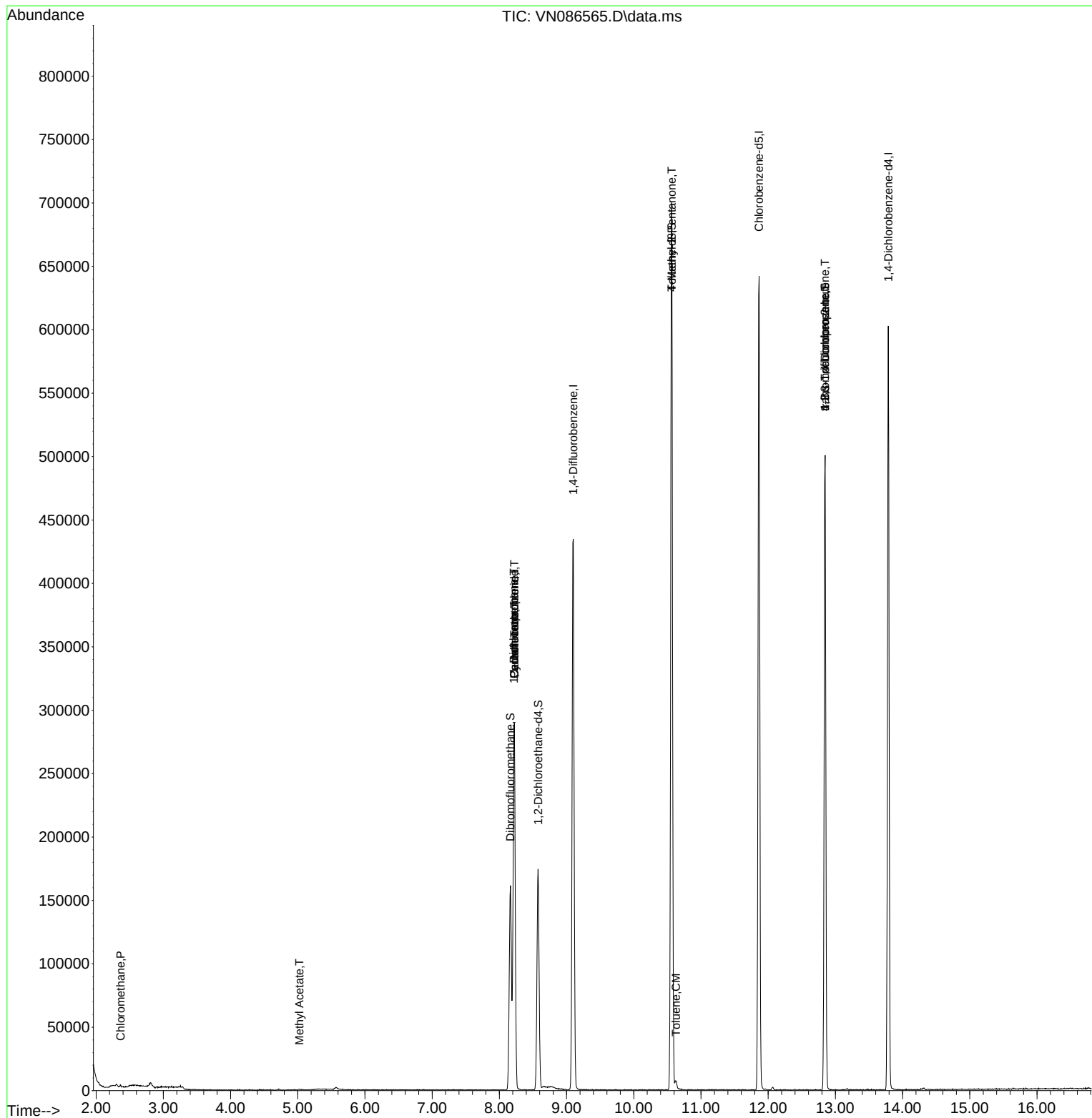
Internal Standards						
1) Pentafluorobenzene	8.224	168	220007	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	403330	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	385520	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	162914	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	145209	45.516	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	91.040%		
35) Dibromofluoromethane	8.165	113	118196	63.142	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	126.280%#		
50) Toluene-d8	10.565	98	501189	50.097	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	100.200%		
62) 4-Bromofluorobenzene	12.847	95	185997	50.972	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	101.940%		
Target Compounds			Qvalue			
3) Chloromethane	2.365	50	870	0.230	ug/l #	79
16) Acetone	4.436	43	271	Below Cal	#	43
18) Methyl Acetate	5.024	43	936	0.244	ug/l #	51
31) Cyclohexane	8.224	56	4579	0.886	ug/l #	1
36) 1,1-Dichloropropene	8.218	75	17419	4.659	ug/l #	49
38) Carbon Tetrachloride	8.224	117	21045	5.911	ug/l #	16
43) Isopropyl Acetate	8.694	43	227	Below Cal	#	55
51) 4-Methyl-2-Pentanone	10.565	43	1965	0.488	ug/l #	1
52) Toluene	10.629	92	3096	0.414	ug/l	97
76) 1,2,3-Trichloropropane	12.847	75	92153	23.970	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	92153	57.567	ug/l #	10

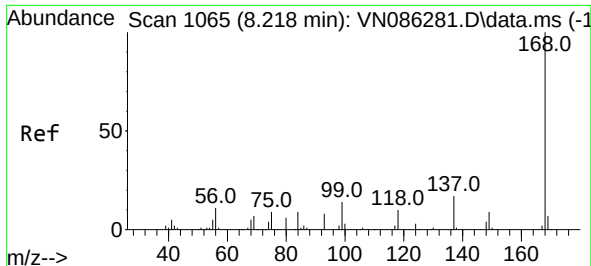
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050925\
Data File : VN086565.D
Acq On : 09 May 2025 16:32
Operator : JC\MD
Sample : IBLK
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
IBLK

Quant Time: May 09 23:30:33 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N041525W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 16 04:19:23 2025
Response via : Initial Calibration

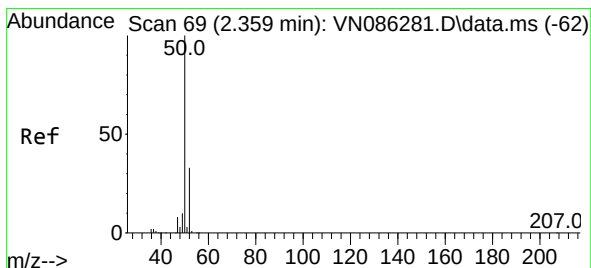
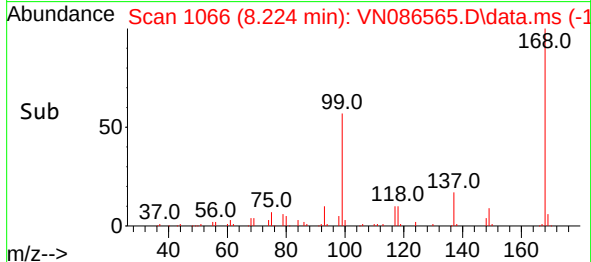
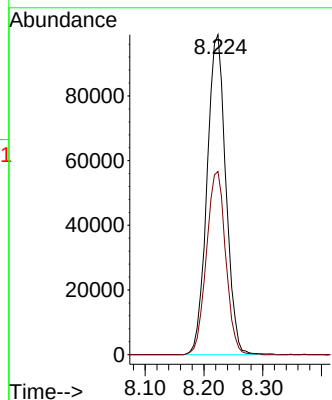
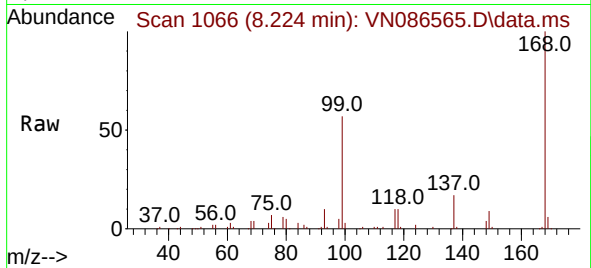




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 10
Delta R.T. 0.006 min
Lab File: VN086565.D
Acq: 09 May 2025 16:32

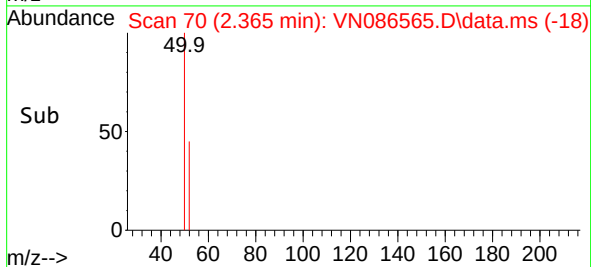
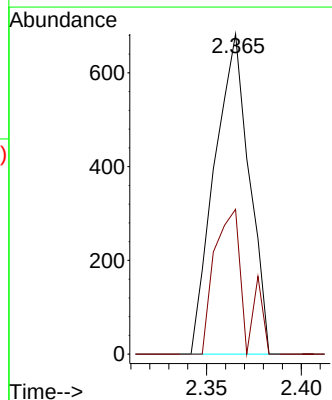
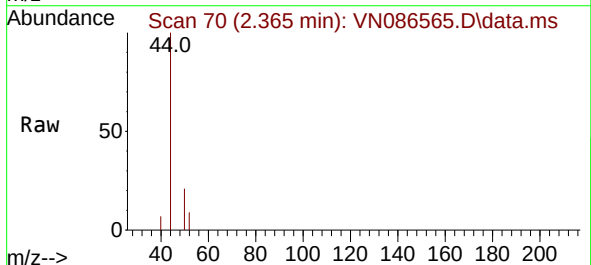
Instrument :
MSVOA_N
ClientSampleId :
IBLK

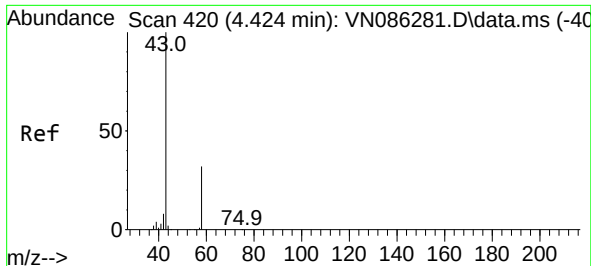
Tgt Ion:168 Resp: 220007
Ion Ratio Lower Upper
168 100
99 57.2 52.5 78.7



#3
Chloromethane
Concen: 0.230 ug/l
RT: 2.365 min Scan# 70
Delta R.T. 0.006 min
Lab File: VN086565.D
Acq: 09 May 2025 16:32

Tgt Ion: 50 Resp: 870
Ion Ratio Lower Upper
50 100
52 45.2 26.5 39.7#

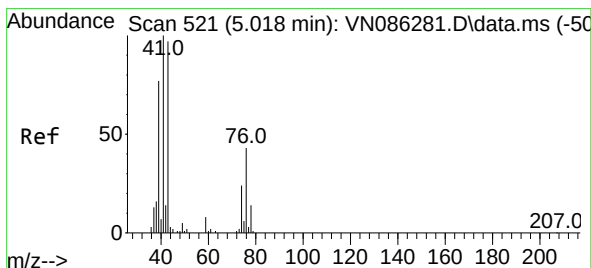
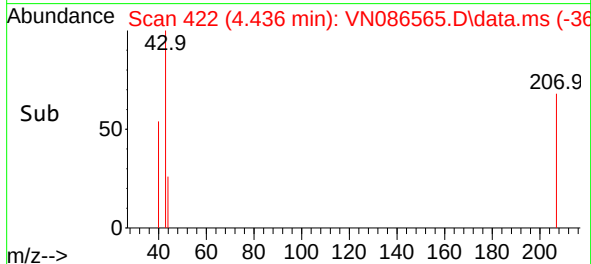
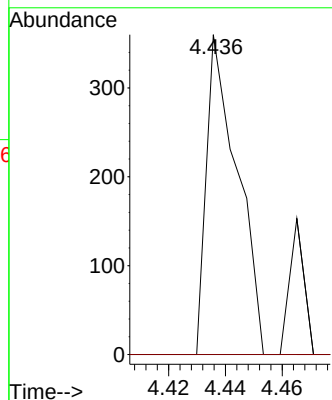
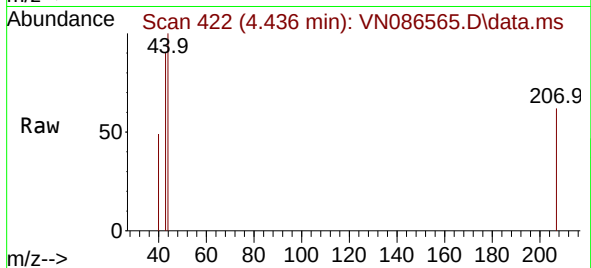




#16
Acetone
Concen: Below Cal
RT: 4.436 min Scan# 41
Delta R.T. 0.012 min
Lab File: VN086565.D
Acq: 09 May 2025 16:32

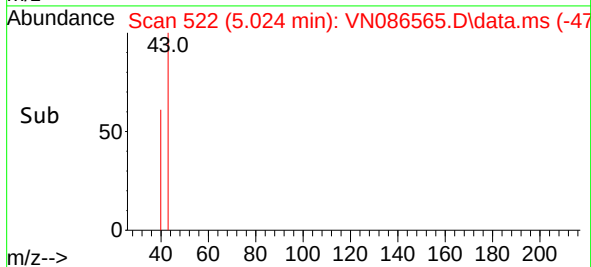
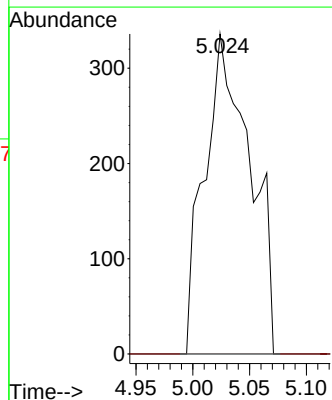
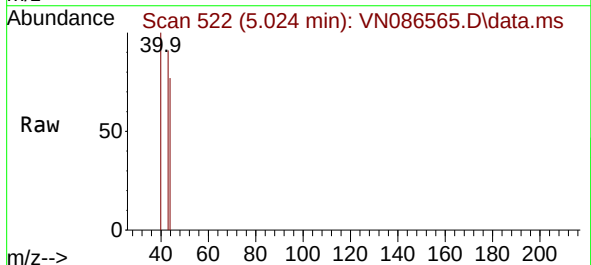
Instrument :
MSVOA_N
ClientSampleId :
IBLK

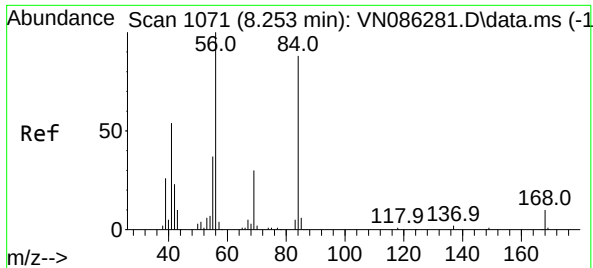
Tgt Ion: 43 Resp: 271
Ion Ratio Lower Upper
43 100
58 0.0 25.3 37.9#



#18
Methyl Acetate
Concen: 0.244 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.006 min
Lab File: VN086565.D
Acq: 09 May 2025 16:32

Tgt Ion: 43 Resp: 936
Ion Ratio Lower Upper
43 100
74 0.0 19.8 29.6#

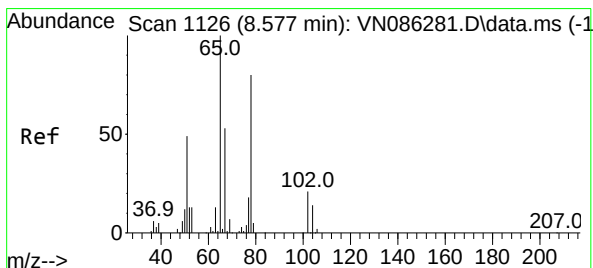
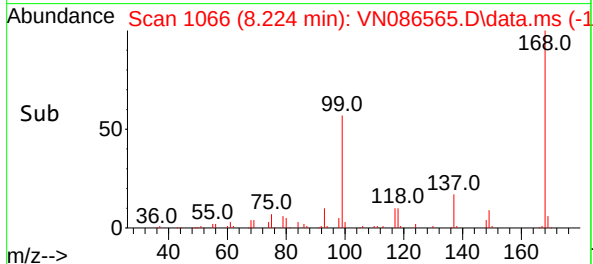
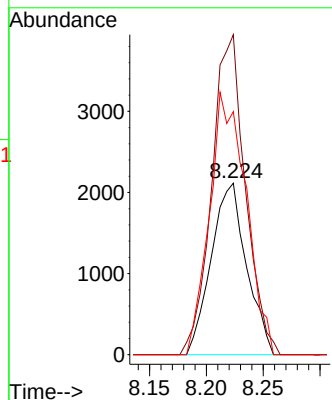
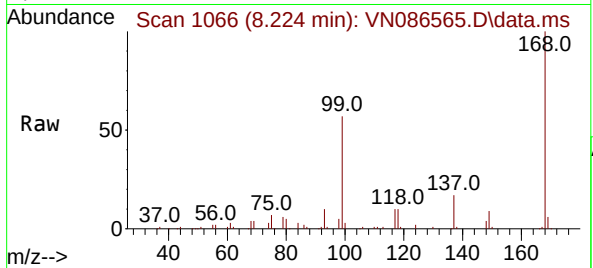




#31
Cyclohexane
Concen: 0.886 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.029 min
Lab File: VN086565.D
Acq: 09 May 2025 16:32

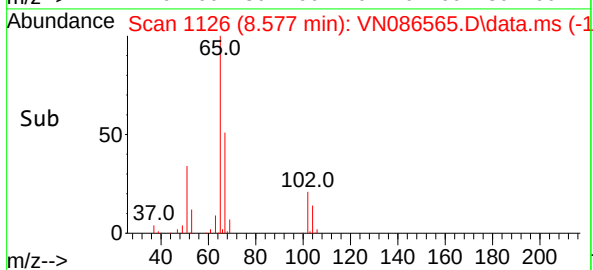
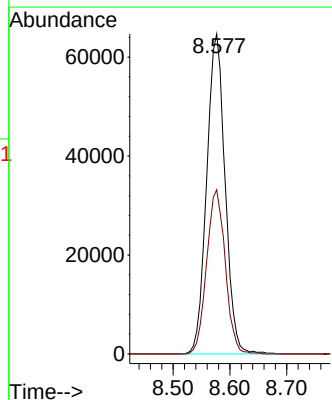
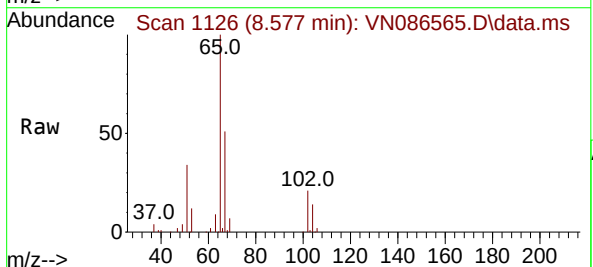
Instrument :
MSVOA_N
ClientSampleId :
IBLK

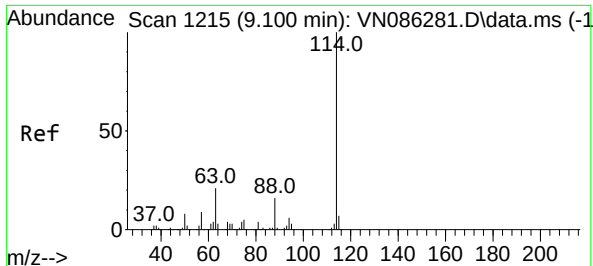
Tgt Ion: 56 Resp: 4579
Ion Ratio Lower Upper
56 100
69 186.5 24.2 36.2#
84 141.7 70.3 105.5#



#33
1,2-Dichloroethane-d4
Concen: 45.516 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VN086565.D
Acq: 09 May 2025 16:32

Tgt Ion: 65 Resp: 145209
Ion Ratio Lower Upper
65 100
67 51.9 0.0 106.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN086565.D

Acq: 09 May 2025 16:32

Instrument :

MSVOA_N

ClientSampleId :

IBLK

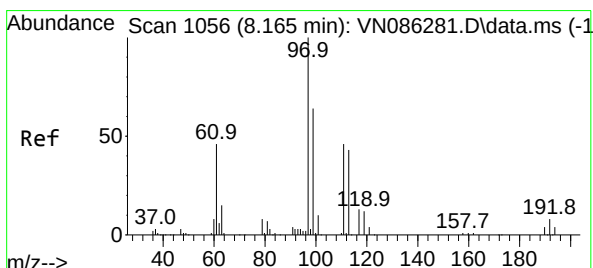
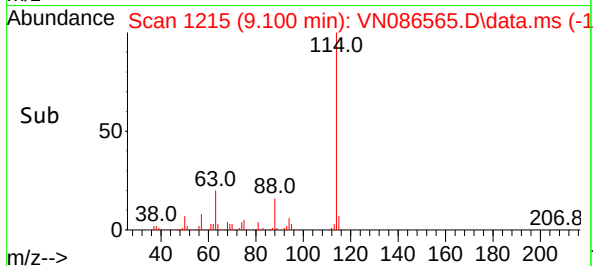
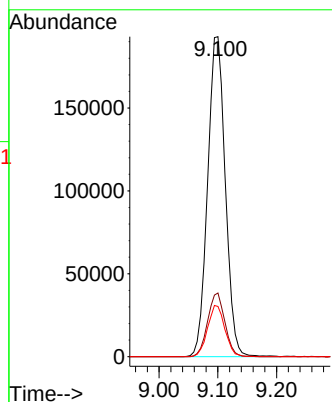
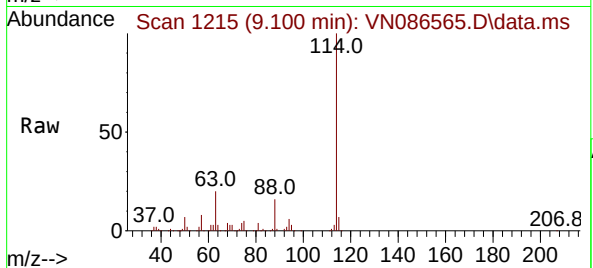
Tgt Ion:114 Resp: 403330

Ion Ratio Lower Upper

114 100

63 19.9 0.0 42.6

88 15.7 0.0 31.8



#35

Dibromofluoromethane

Concen: 63.142 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. 0.000 min

Lab File: VN086565.D

Acq: 09 May 2025 16:32

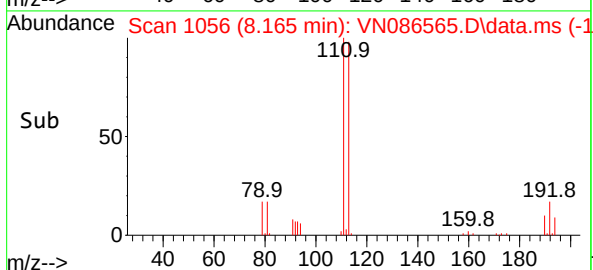
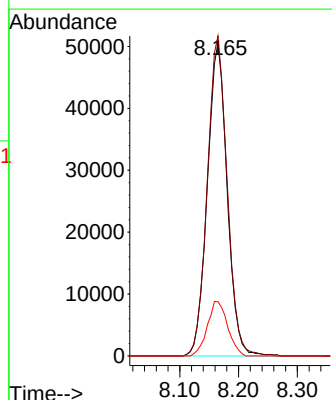
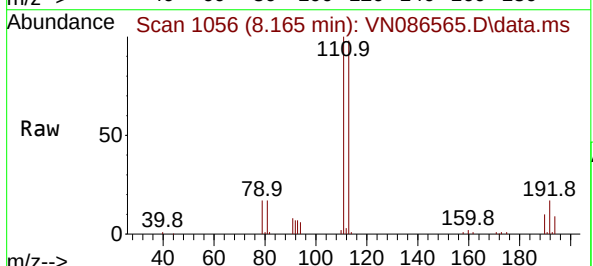
Tgt Ion:113 Resp: 118196

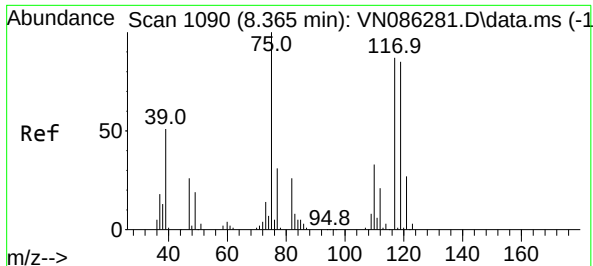
Ion Ratio Lower Upper

113 100

111 102.9 83.4 125.0

192 17.9 13.7 20.5





#36

1,1-Dichloropropene

Concen: 4.659 ug/l

RT: 8.218 min Scan# 1065

Delta R.T. -0.147 min

Lab File: VN086565.D

Acq: 09 May 2025 16:32

Instrument :

MSVOA_N

ClientSampleId :

IBLK

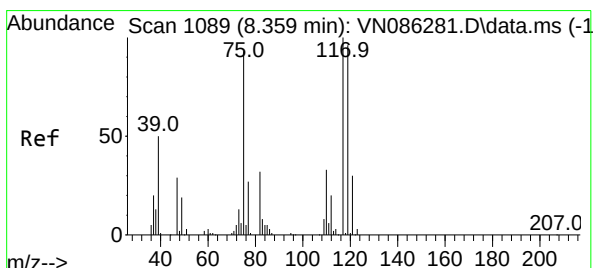
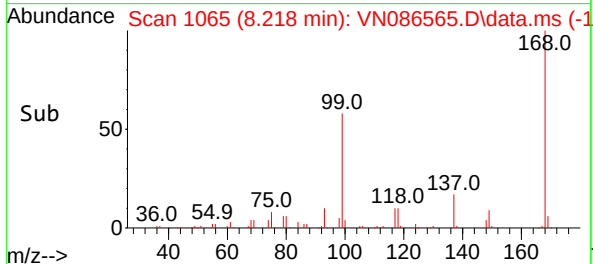
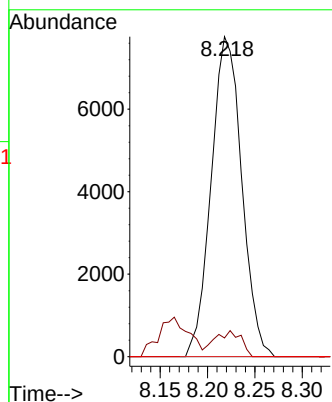
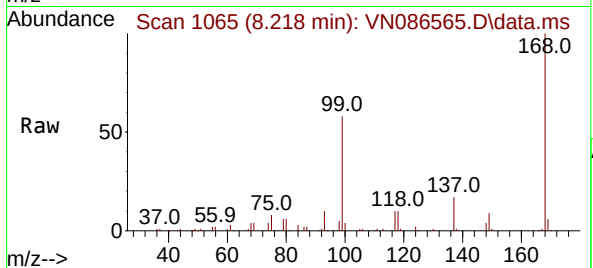
Tgt Ion: 75 Resp: 17419

Ion Ratio Lower Upper

75 100

110 7.1 16.8 50.4#

77 0.0 24.9 37.3#



#38

Carbon Tetrachloride

Concen: 5.911 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.135 min

Lab File: VN086565.D

Acq: 09 May 2025 16:32

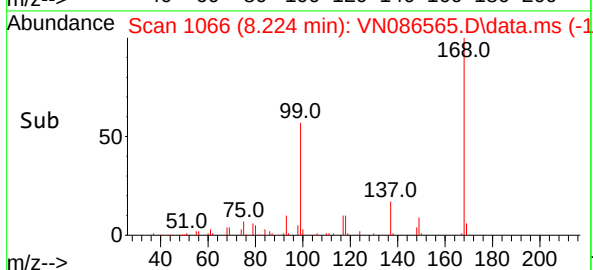
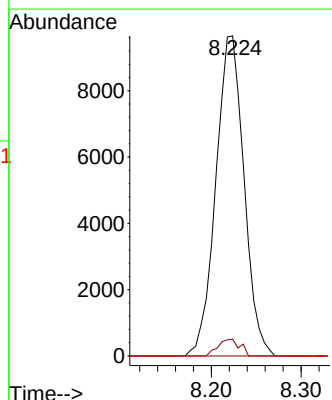
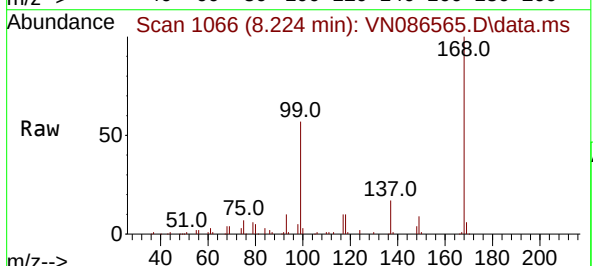
Tgt Ion: 117 Resp: 21045

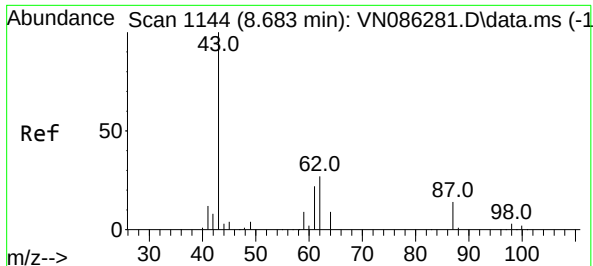
Ion Ratio Lower Upper

117 100

119 5.3 76.8 115.2#

121 0.0 23.8 35.8#

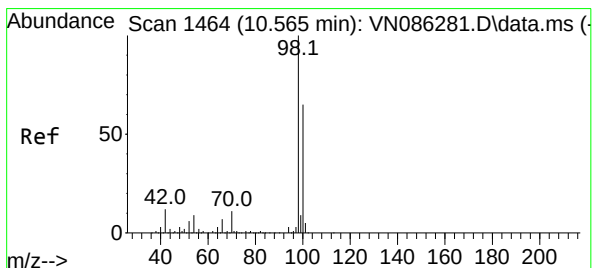
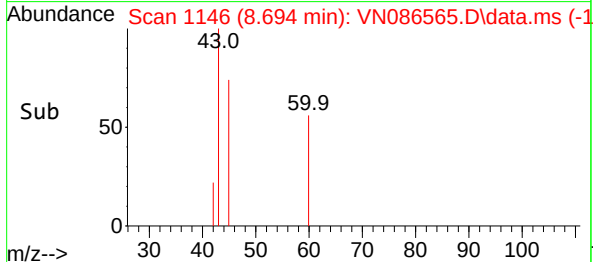
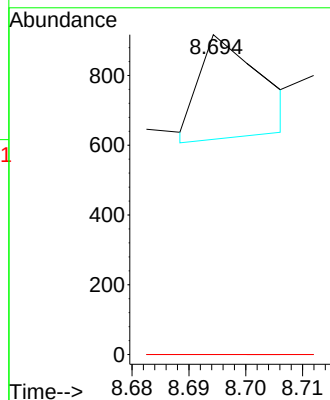
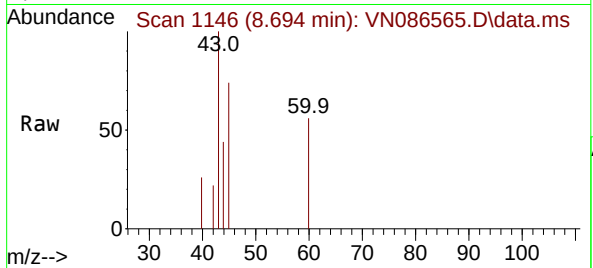




#43
Isopropyl Acetate
Concen: Below Cal
RT: 8.694 min Scan# 1146
Delta R.T. 0.011 min
Lab File: VN086565.D
Acq: 09 May 2025 16:32

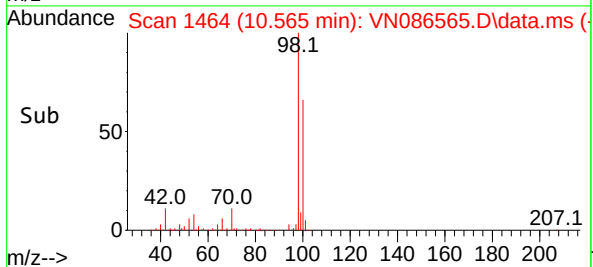
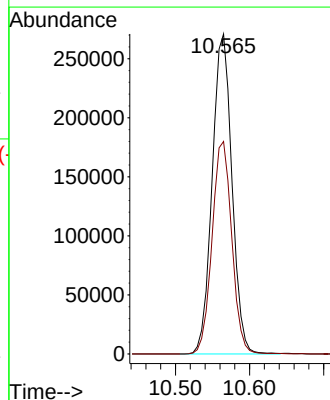
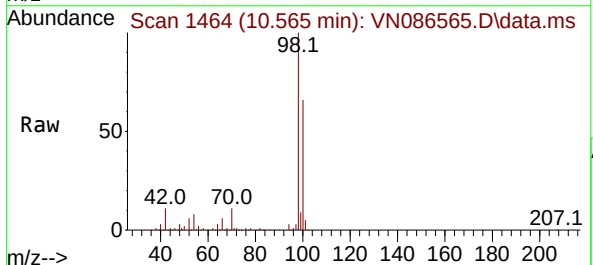
Instrument :
MSVOA_N
ClientSampleId :
IBLK

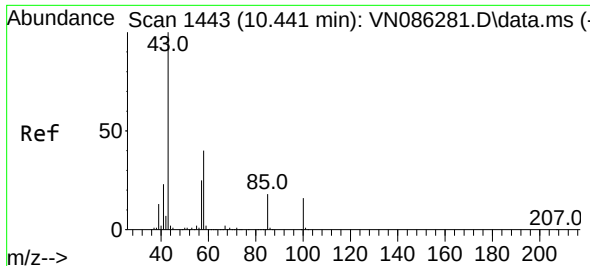
Tgt Ion: 43 Resp: 227
Ion Ratio Lower Upper
43 100
61 0.0 20.5 30.7#
87 0.0 10.5 15.7#



#50
Toluene-d8
Concen: 50.097 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VN086565.D
Acq: 09 May 2025 16:32

Tgt Ion: 98 Resp: 501189
Ion Ratio Lower Upper
98 100
100 66.3 52.5 78.7

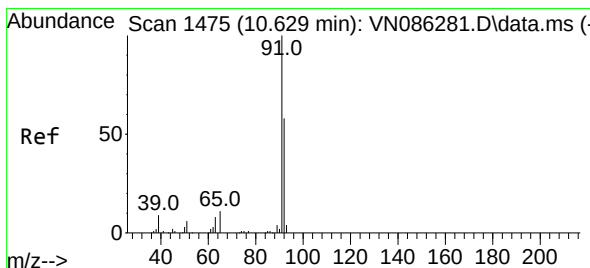
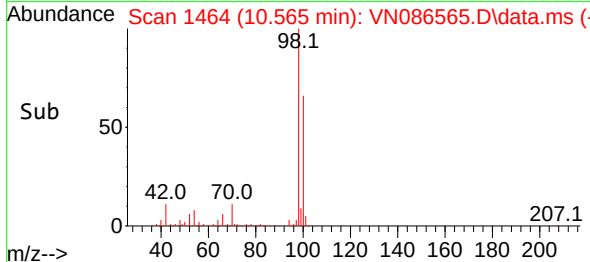
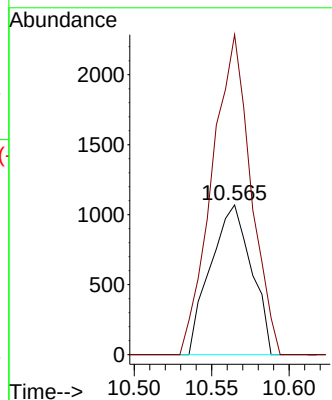
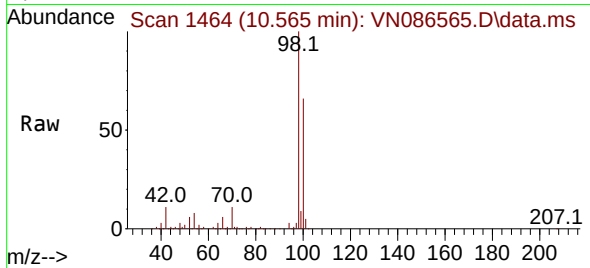




#51
4-Methyl-2-Pentanone
Concen: 0.488 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.124 min
Lab File: VN086565.D
Acq: 09 May 2025 16:32

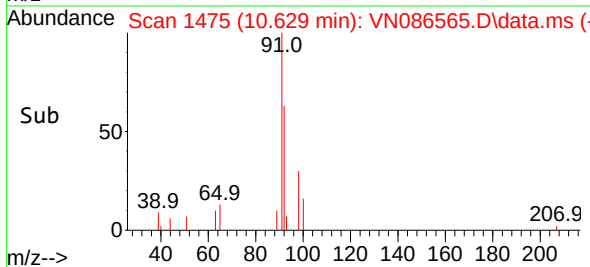
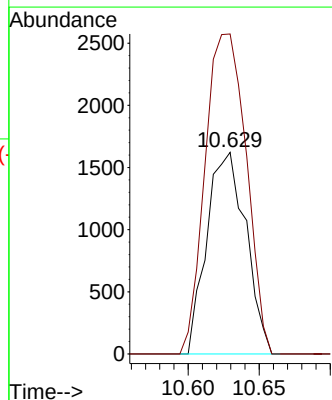
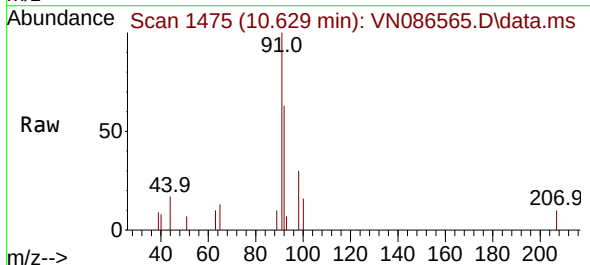
Instrument :
MSVOA_N
ClientSampleId :
IBLK

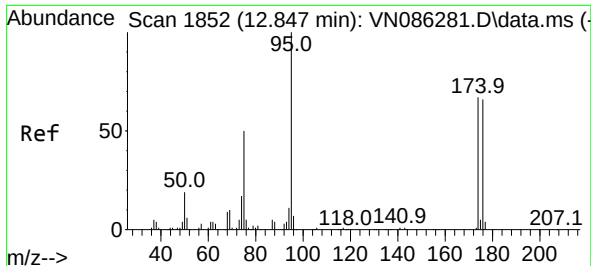
Tgt Ion: 43 Resp: 1965
Ion Ratio Lower Upper
43 100
58 203.0 32.2 48.4#



#52
Toluene
Concen: 0.414 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VN086565.D
Acq: 09 May 2025 16:32

Tgt Ion: 92 Resp: 3096
Ion Ratio Lower Upper
92 100
91 167.5 137.3 205.9

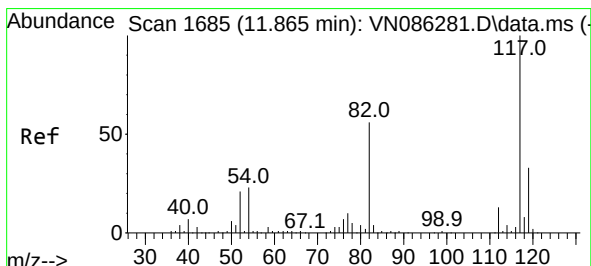
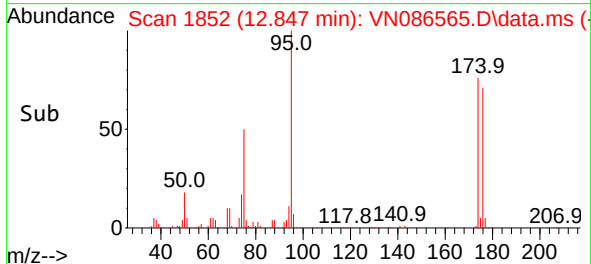
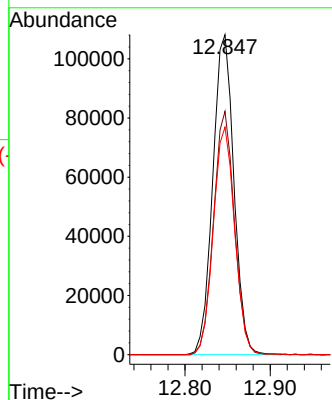
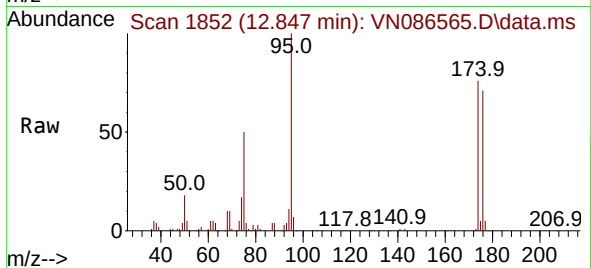




#62
4-Bromofluorobenzene
Concen: 50.972 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN086565.D
Acq: 09 May 2025 16:32

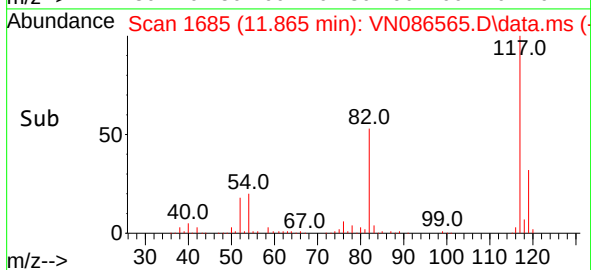
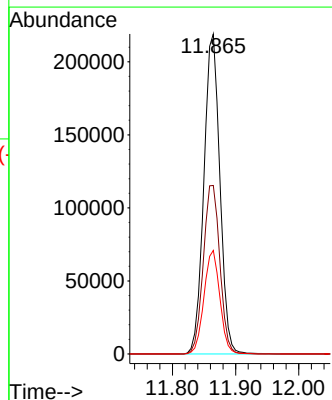
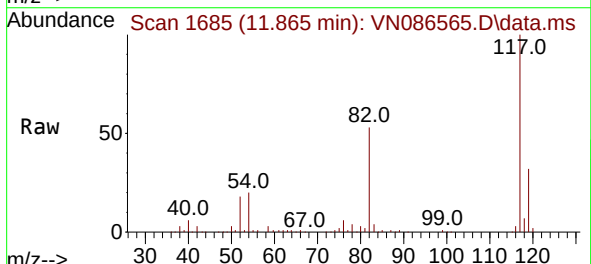
Instrument :
MSVOA_N
ClientSampleId :
IBLK

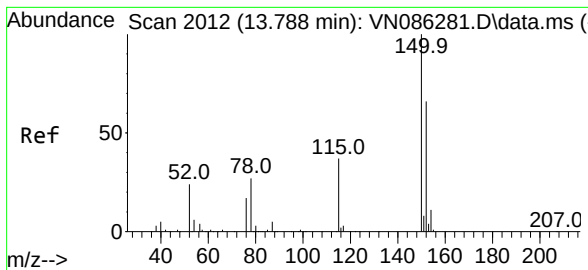
Tgt Ion: 95 Resp: 185997
Ion Ratio Lower Upper
95 100
174 75.4 0.0 133.4
176 71.9 0.0 129.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN086565.D
Acq: 09 May 2025 16:32

Tgt Ion: 117 Resp: 385520
Ion Ratio Lower Upper
117 100
82 52.7 44.7 67.1
119 32.4 26.4 39.6

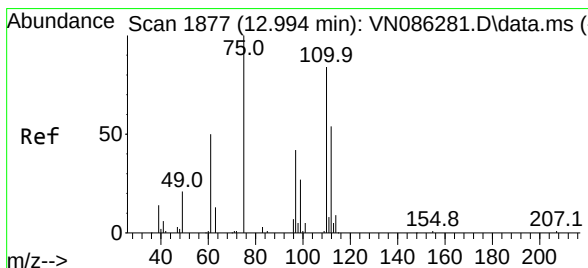
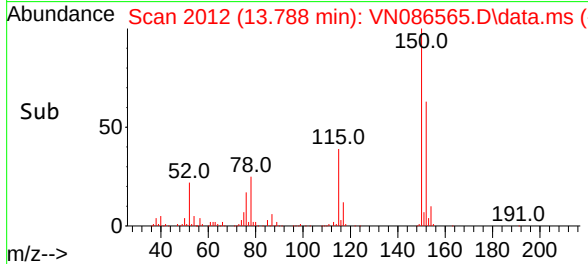
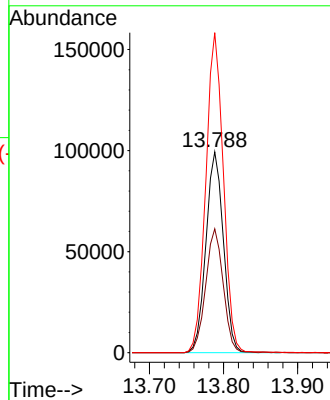
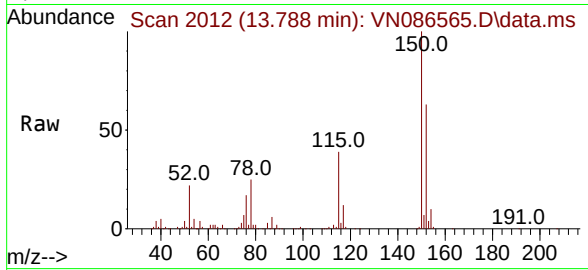




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.788 min Scan# 2012
 Delta R.T. 0.000 min
 Lab File: VN086565.D
 Acq: 09 May 2025 16:32

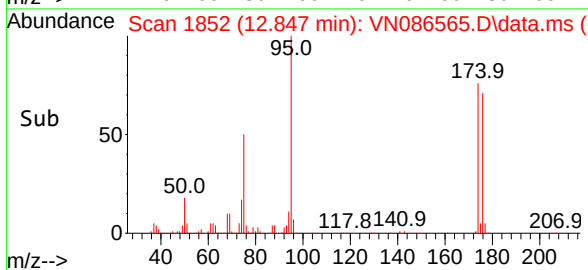
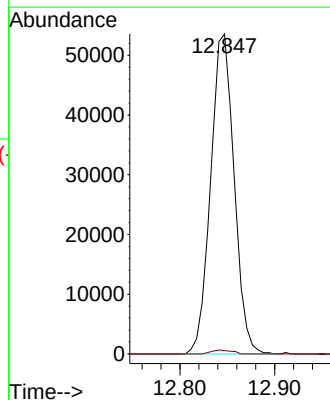
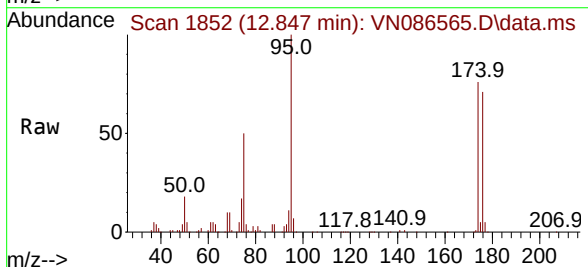
Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

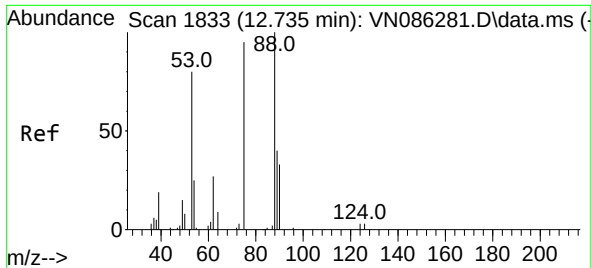
Tgt Ion:152 Resp: 162914
 Ion Ratio Lower Upper
 152 100
 115 61.7 31.9 95.9
 150 160.0 0.0 352.0



#76
 1,2,3-Trichloropropane
 Concen: 23.970 ug/l
 RT: 12.847 min Scan# 1852
 Delta R.T. -0.147 min
 Lab File: VN086565.D
 Acq: 09 May 2025 16:32

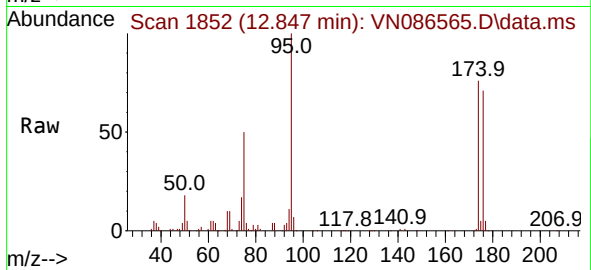
Tgt Ion: 75 Resp: 92153
 Ion Ratio Lower Upper
 75 100
 77 1.1 98.8 296.4#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 57.567 ug/l
 RT: 12.847 min Scan# 1852
 Delta R.T. 0.112 min
 Lab File: VN086565.D
 Acq: 09 May 2025 16:32

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK



Tgt Ion: 75 Resp: 92153
 Ion Ratio Lower Upper
 75 100
 53 0.0 79.2 118.8#
 89 0.1 35.7 53.5#

