

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050925\
 Data File : VN086562.D
 Acq On : 09 May 2025 15:07
 Operator : JC\MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

Quant Time: May 09 23:29:15 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)

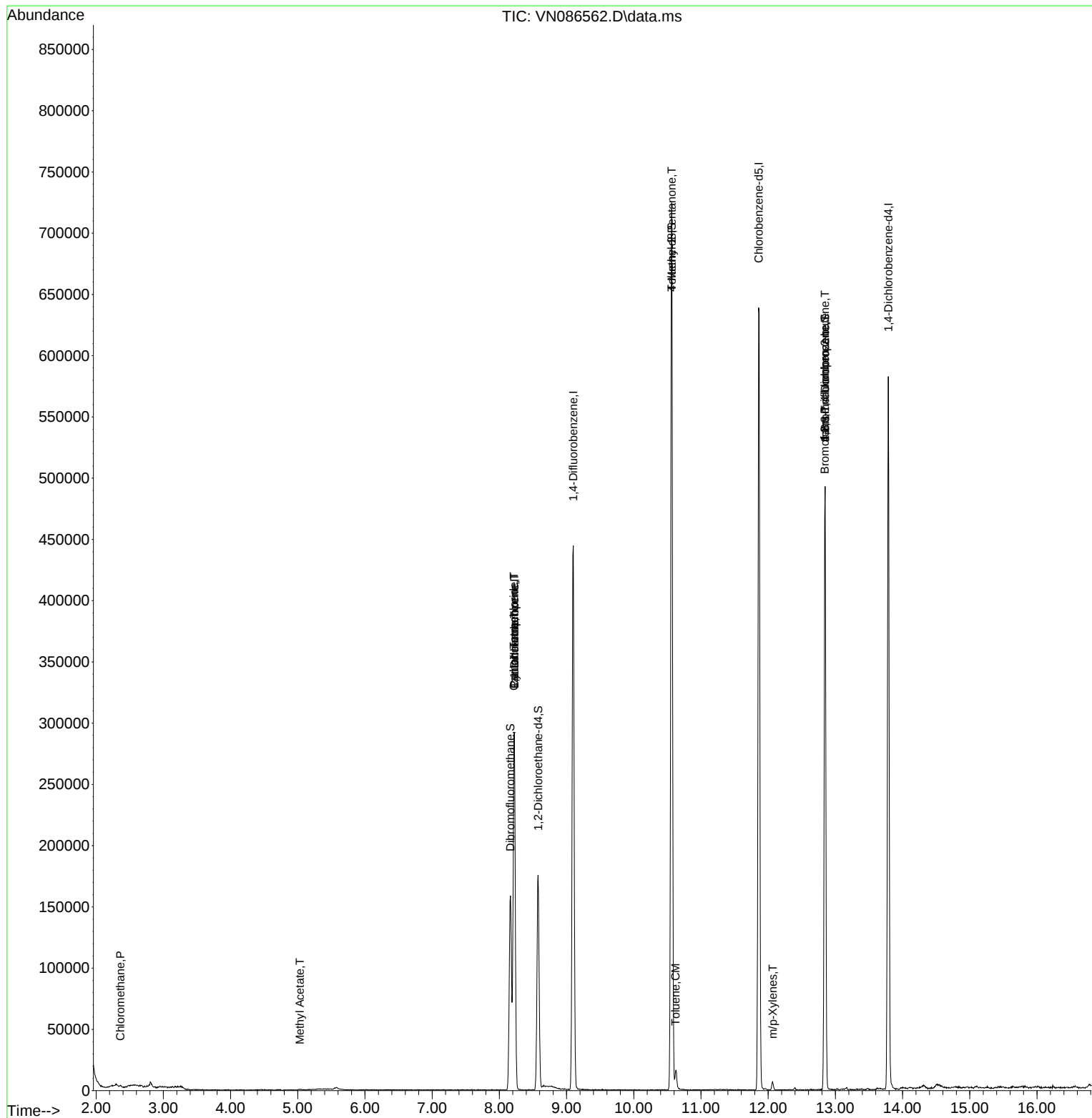
Internal Standards						
1) Pentafluorobenzene	8.224	168	223735	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	409966	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.859	117	391936	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	160403	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	147413	45.437	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	90.880%
35) Dibromofluoromethane	8.165	113	119324	62.713	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	125.420%#
50) Toluene-d8	10.565	98	516405	50.782	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	101.560%
62) 4-Bromofluorobenzene	12.847	95	182408	49.179	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	98.360%
Target Compounds						
					Qvalue	
3) Chloromethane	2.359	50	1087	0.282	ug/l	94
13) Acrolein	4.177	56	62	Below Cal	#	13
16) Acetone	4.442	43	838	Below Cal	#	43
18) Methyl Acetate	5.030	43	1045	0.268	ug/l #	51
31) Cyclohexane	8.224	56	4363	0.830	ug/l #	11
36) 1,1-Dichloropropene	8.224	75	17334	4.561	ug/l #	50
38) Carbon Tetrachloride	8.218	117	22790	6.297	ug/l #	16
43) Isopropyl Acetate	8.659	43	3079	Below Cal	#	55
51) 4-Methyl-2-Pentanone	10.565	43	2395	0.585	ug/l #	1
52) Toluene	10.624	92	7155	0.942	ug/l	99
68) m/p-Xylenes	12.070	106	2258	0.382	ug/l	97
71) Bromoform	12.841	173	521	0.240	ug/l #	1
76) 1,2,3-Trichloropropane	12.847	75	89656	23.686	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	89656	56.884	ug/l #	10

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050925\
Data File : VN086562.D
Acq On : 09 May 2025 15:07
Operator : JC\MD
Sample : IBLK
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
IBLK

Quant Time: May 09 23:29:15 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

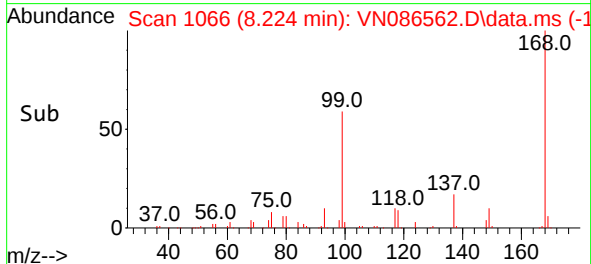
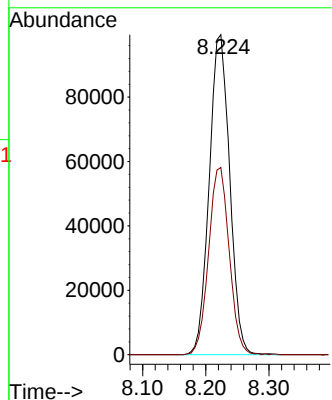
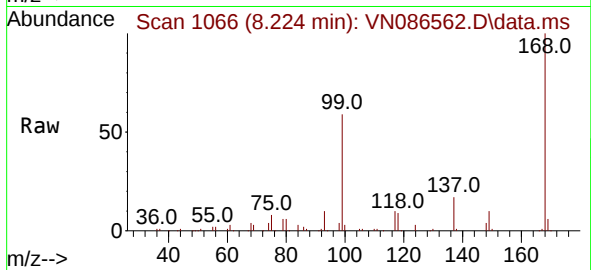




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN086562.D
Acq: 09 May 2025 15:07

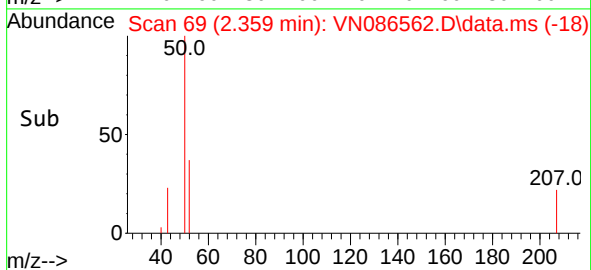
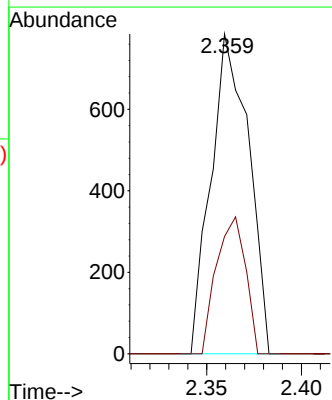
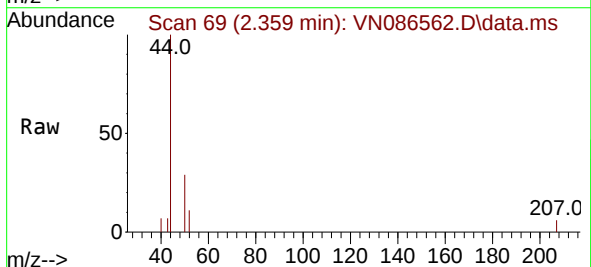
Instrument :
MSVOA_N
ClientSampleId :
IBLK

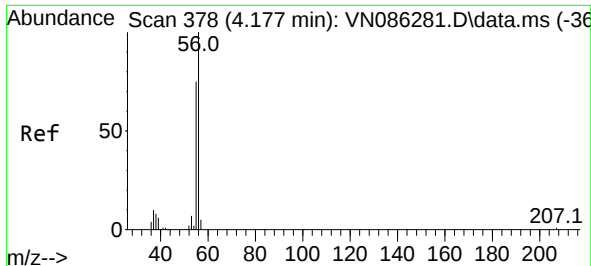
Tgt Ion:168 Resp: 223735
Ion Ratio Lower Upper
168 100
99 58.5 52.5 78.7



#3
Chloromethane
Concen: 0.282 ug/l
RT: 2.359 min Scan# 69
Delta R.T. -0.000 min
Lab File: VN086562.D
Acq: 09 May 2025 15:07

Tgt Ion: 50 Resp: 1087
Ion Ratio Lower Upper
50 100
52 36.7 26.5 39.7

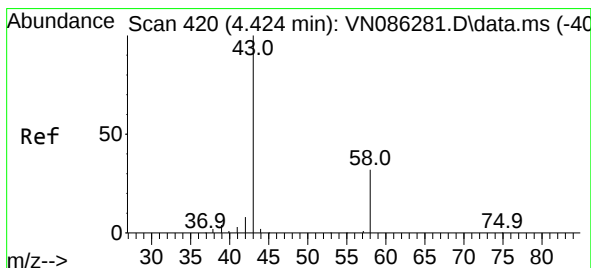
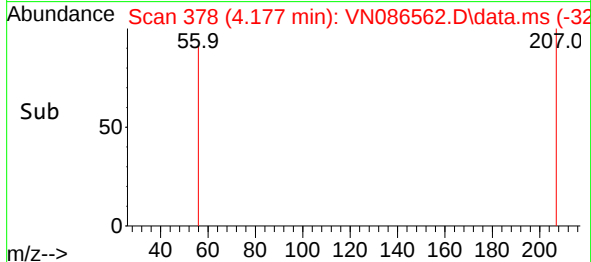
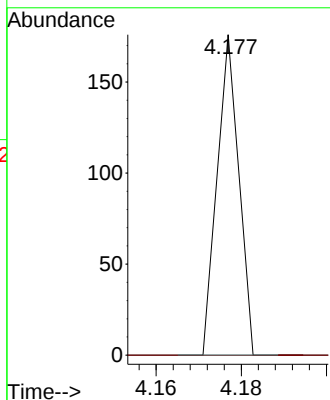
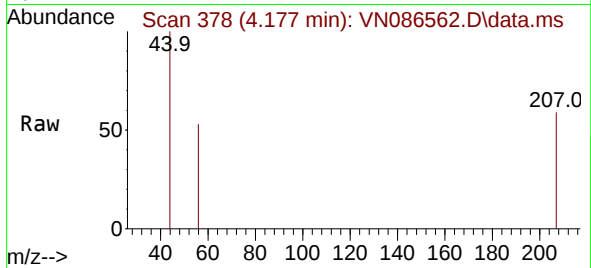




#13
Acrolein
Concen: Below Cal
RT: 4.177 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN086562.D
Acq: 09 May 2025 15:07

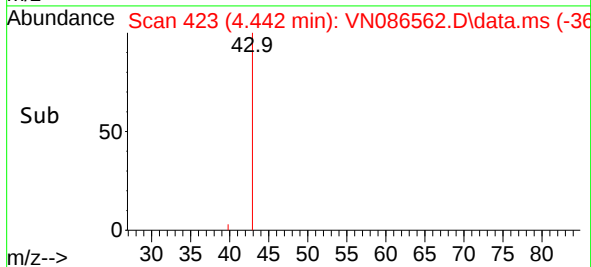
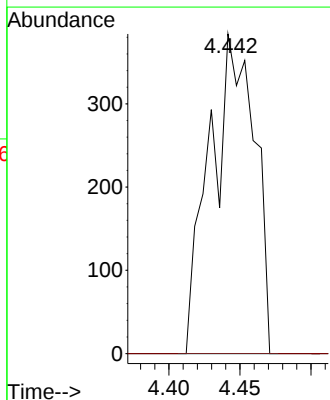
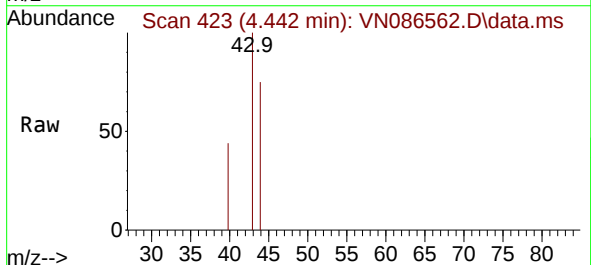
Instrument :
MSVOA_N
ClientSampleId :
IBLK

Tgt Ion: 56 Resp: 62
Ion Ratio Lower Upper
56 100
55 0.0 58.5 87.7#



#16
Acetone
Concen: Below Cal
RT: 4.442 min Scan# 423
Delta R.T. 0.018 min
Lab File: VN086562.D
Acq: 09 May 2025 15:07

Tgt Ion: 43 Resp: 838
Ion Ratio Lower Upper
43 100
58 0.0 25.3 37.9#





#18

Methyl Acetate

Concen: 0.268 ug/l

RT: 5.030 min Scan# 51

Delta R.T. 0.012 min

Lab File: VN086562.D

Acq: 09 May 2025 15:07

Instrument :

MSVOA_N

ClientSampleId :

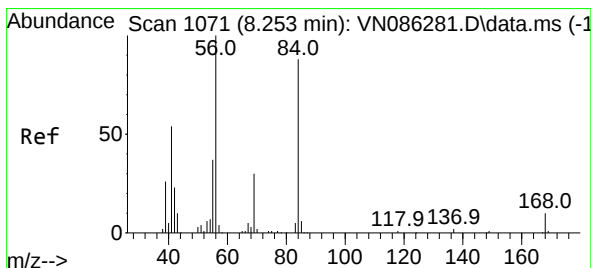
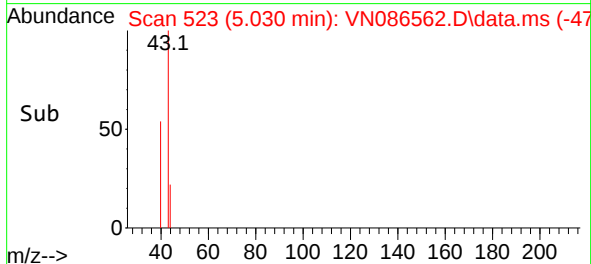
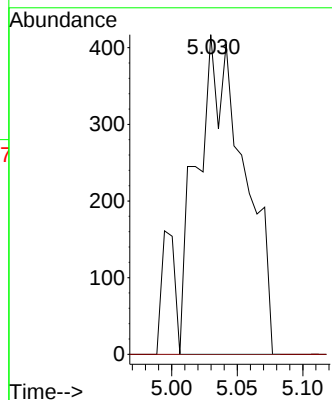
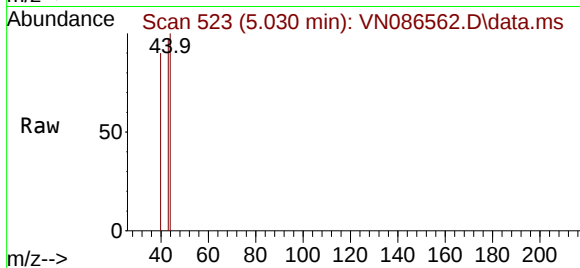
IBLK

Tgt Ion: 43 Resp: 1045

Ion Ratio Lower Upper

43 100

74 0.0 19.8 29.6#



#31

Cyclohexane

Concen: 0.830 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.029 min

Lab File: VN086562.D

Acq: 09 May 2025 15:07

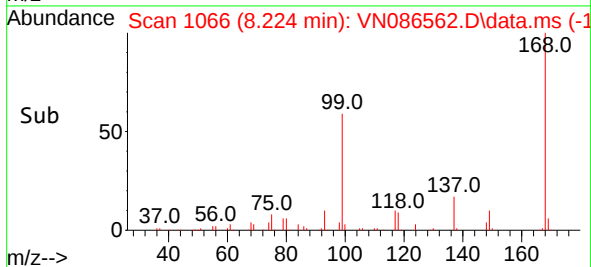
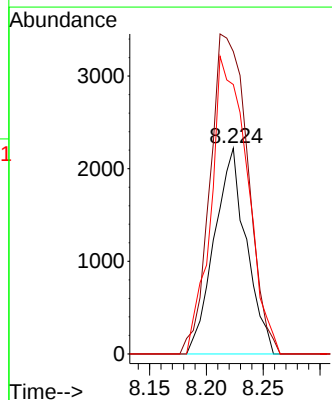
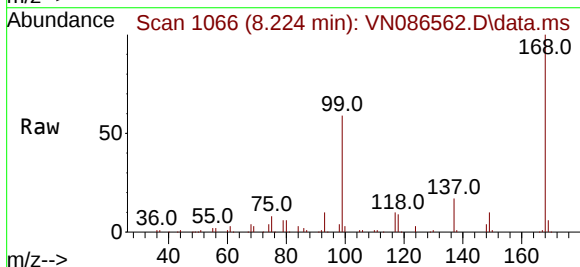
Tgt Ion: 56 Resp: 4363

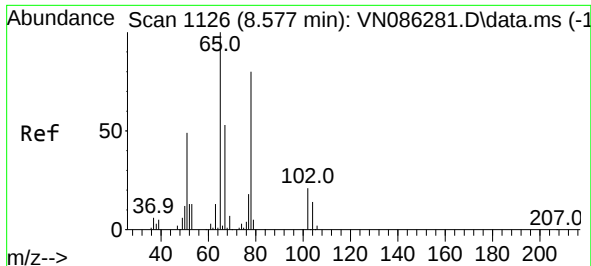
Ion Ratio Lower Upper

56 100

69 146.9 24.2 36.2#

84 130.9 70.3 105.5#





#33

1,2-Dichloroethane-d4

Concen: 45.437 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VN086562.D

Acq: 09 May 2025 15:07

Instrument :

MSVOA_N

ClientSampleId :

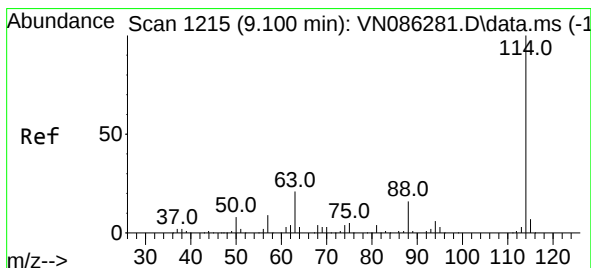
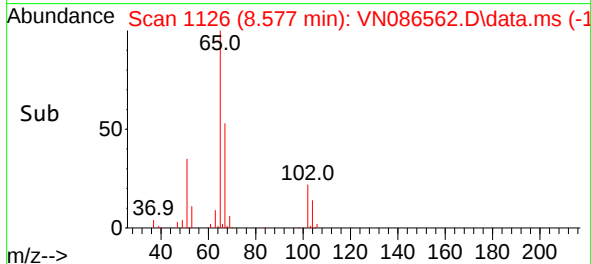
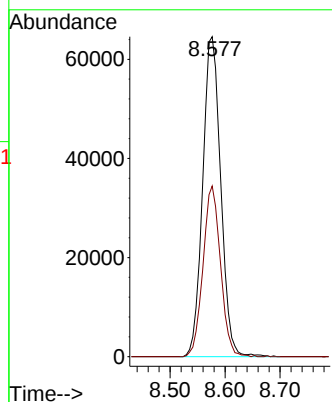
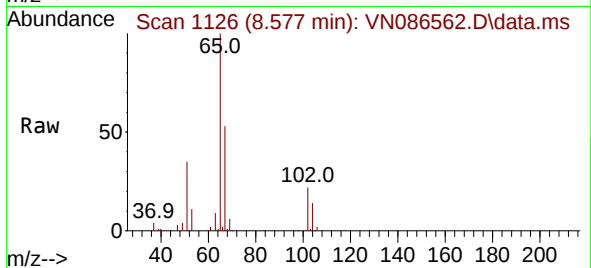
IBLK

Tgt Ion: 65 Resp: 147413

Ion Ratio Lower Upper

65 100

67 51.6 0.0 106.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. -0.000 min

Lab File: VN086562.D

Acq: 09 May 2025 15:07

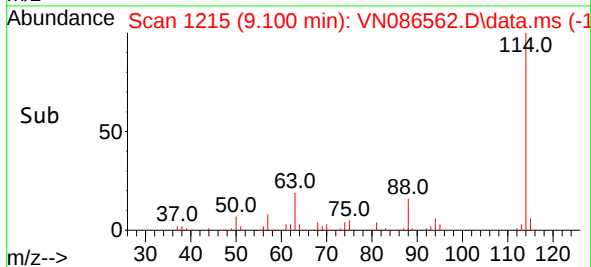
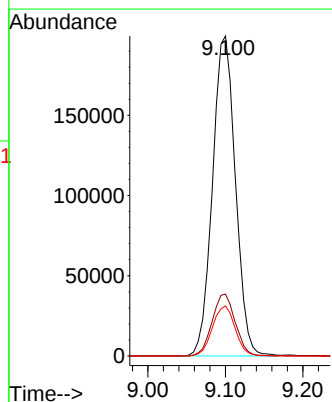
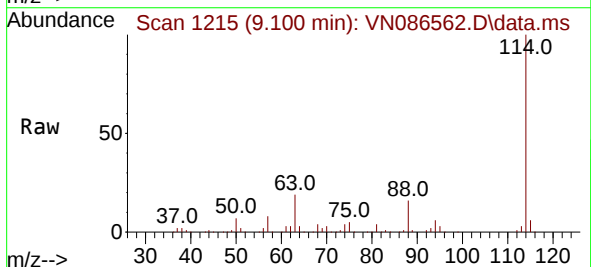
Tgt Ion: 114 Resp: 409966

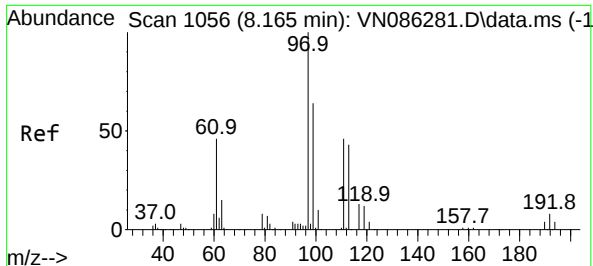
Ion Ratio Lower Upper

114 100

63 19.3 0.0 42.6

88 15.7 0.0 31.8





#35

Dibromofluoromethane

Concen: 62.713 ug/l

RT: 8.165 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN086562.D

Acq: 09 May 2025 15:07

Instrument :

MSVOA_N

ClientSampleId :

IBLK

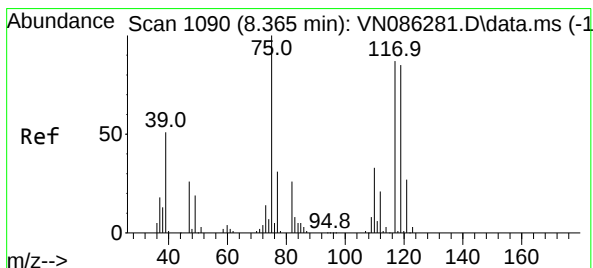
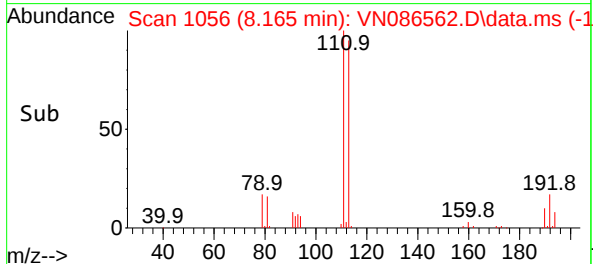
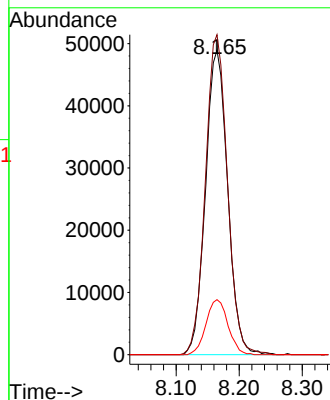
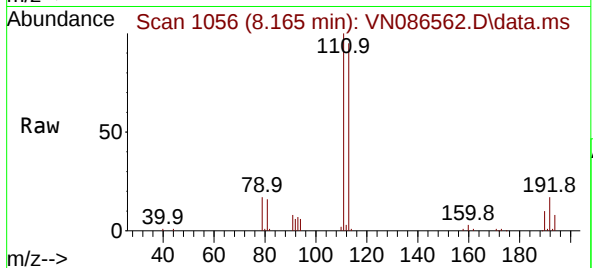
Tgt Ion:113 Resp: 119324

Ion Ratio Lower Upper

113 100

111 104.3 83.4 125.0

192 17.9 13.7 20.5



#36

1,1-Dichloropropene

Concen: 4.561 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.141 min

Lab File: VN086562.D

Acq: 09 May 2025 15:07

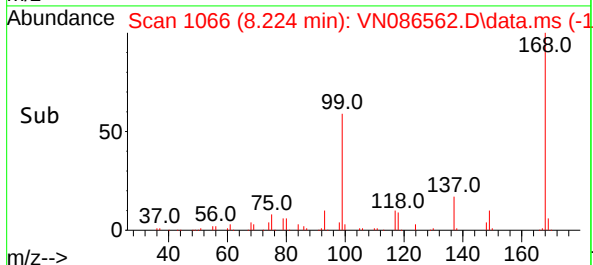
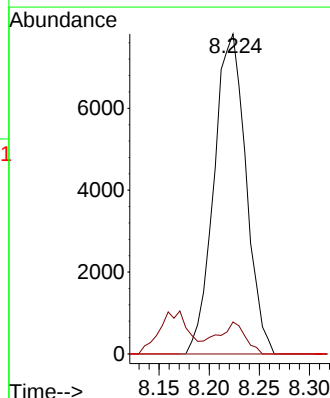
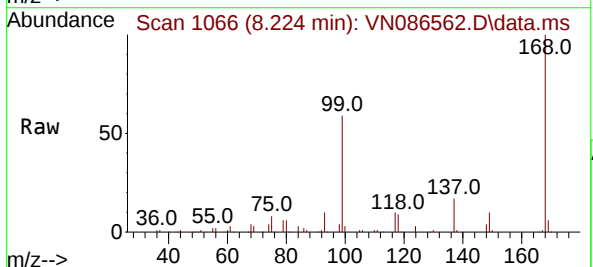
Tgt Ion: 75 Resp: 17334

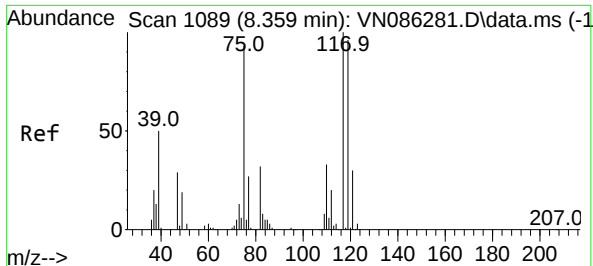
Ion Ratio Lower Upper

75 100

110 8.4 16.8 50.4#

77 0.0 24.9 37.3#

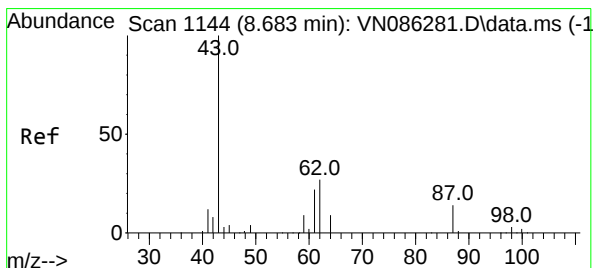
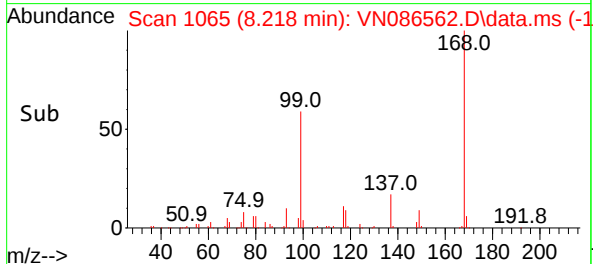
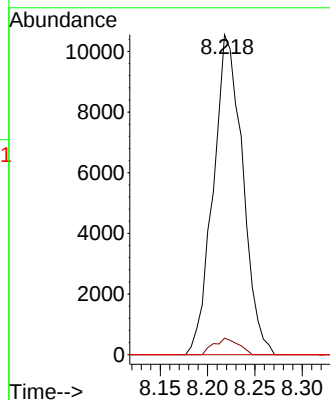
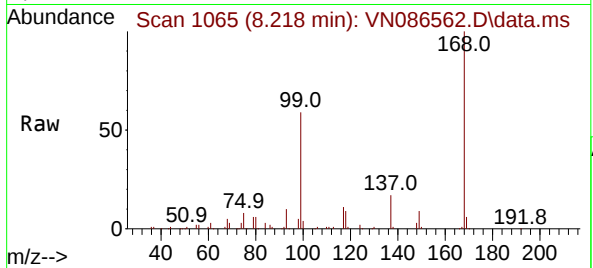




#38
Carbon Tetrachloride
Concen: 6.297 ug/l
RT: 8.218 min Scan# 110
Delta R.T. -0.141 min
Lab File: VN086562.D
Acq: 09 May 2025 15:07

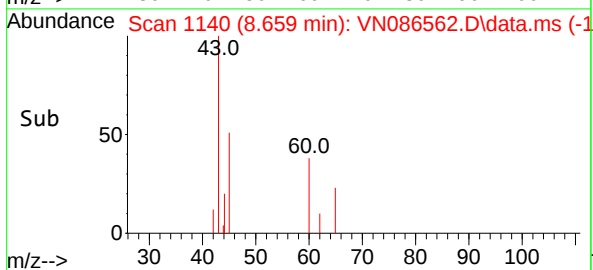
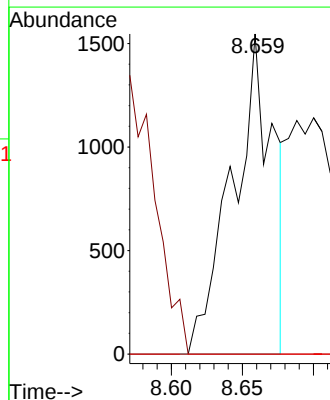
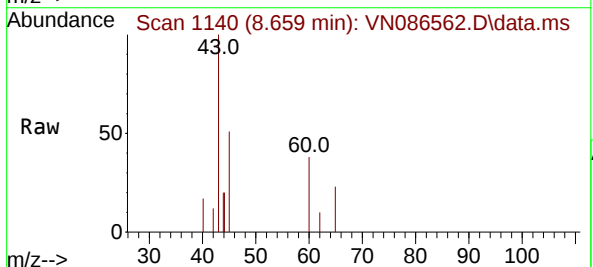
Instrument :
MSVOA_N
ClientSampleId :
IBLK

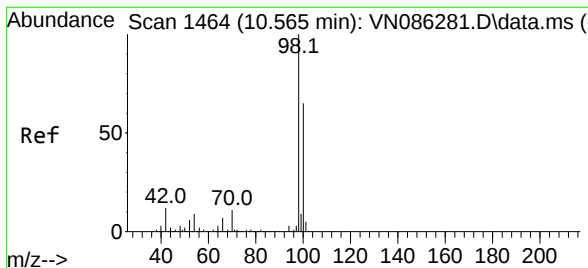
Tgt Ion:117 Resp: 22790
Ion Ratio Lower Upper
117 100
119 5.2 76.8 115.2#
121 0.0 23.8 35.8#



#43
Isopropyl Acetate
Concen: Below Cal
RT: 8.659 min Scan# 1140
Delta R.T. -0.024 min
Lab File: VN086562.D
Acq: 09 May 2025 15:07

Tgt Ion: 43 Resp: 3079
Ion Ratio Lower Upper
43 100
61 0.0 20.5 30.7#
87 0.0 10.5 15.7#

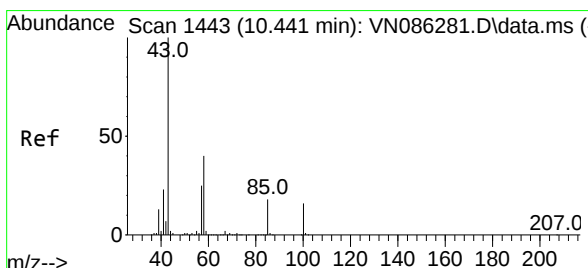
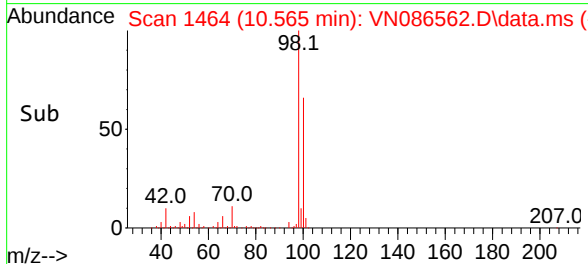
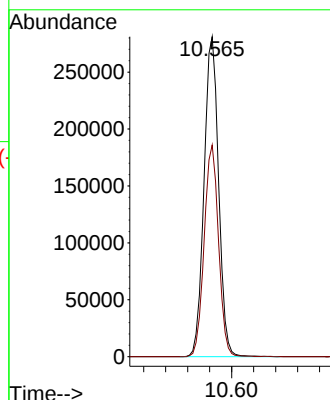
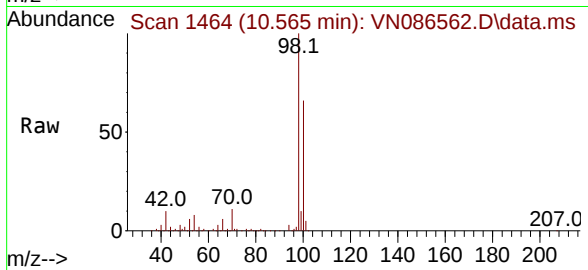




#50
Toluene-d8
Concen: 50.782 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN086562.D
Acq: 09 May 2025 15:07

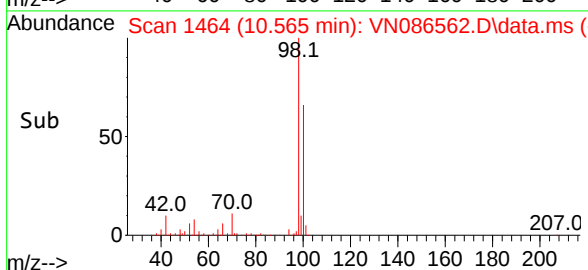
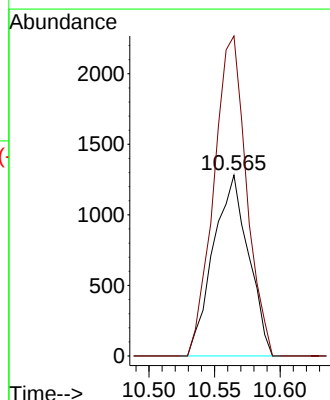
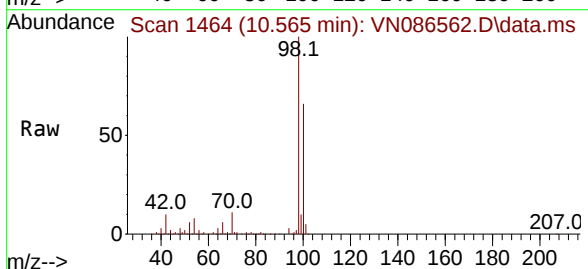
Instrument :
MSVOA_N
ClientSampleId :
IBLK

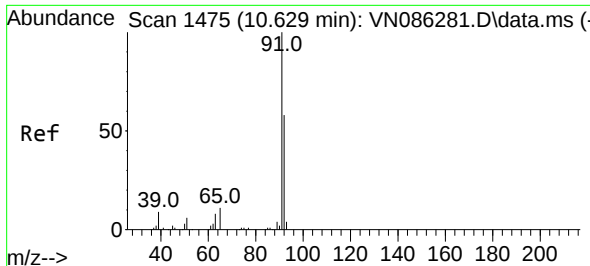
Tgt Ion: 98 Resp: 516405
Ion Ratio Lower Upper
98 100
100 65.3 52.5 78.7



#51
4-Methyl-2-Pentanone
Concen: 0.585 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.123 min
Lab File: VN086562.D
Acq: 09 May 2025 15:07

Tgt Ion: 43 Resp: 2395
Ion Ratio Lower Upper
43 100
58 164.0 32.2 48.4#

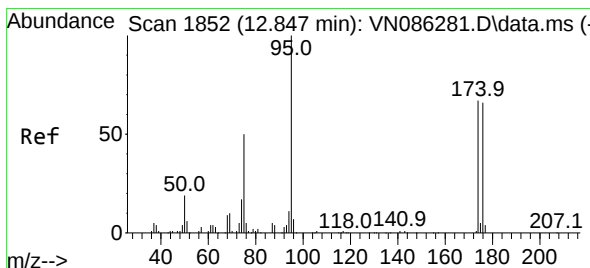
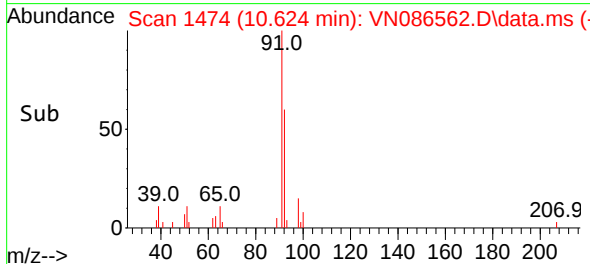
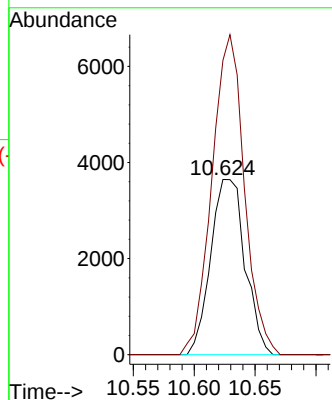
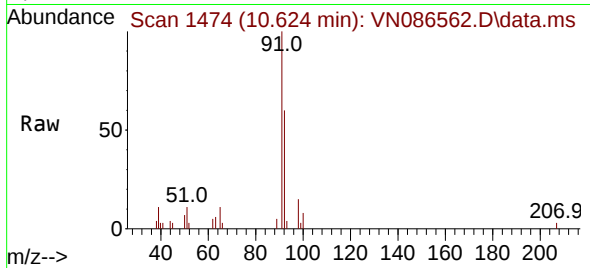




#52
Toluene
Concen: 0.942 ug/l
RT: 10.624 min Scan# 1475
Delta R.T. -0.006 min
Lab File: VN086562.D
Acq: 09 May 2025 15:07

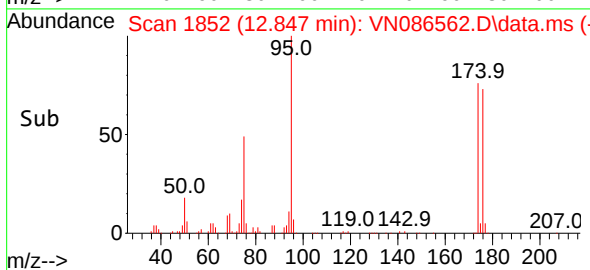
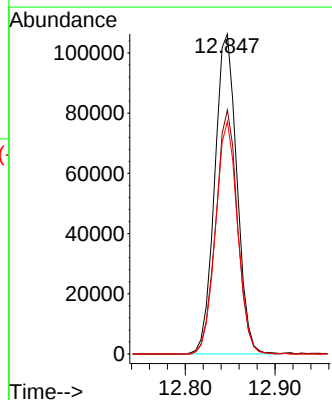
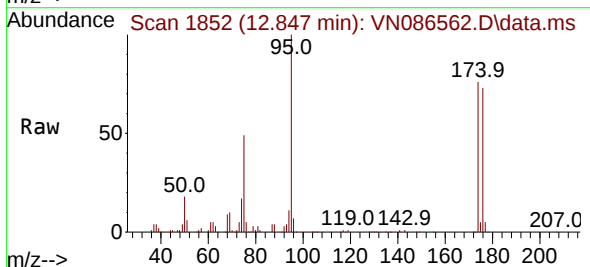
Instrument :
MSVOA_N
ClientSampleId :
IBLK

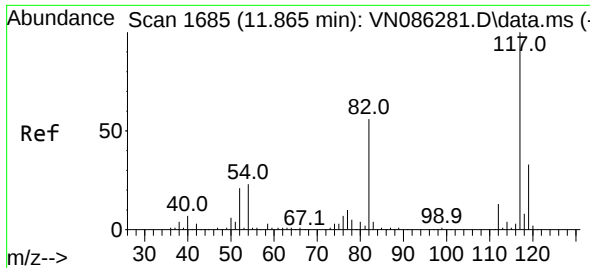
Tgt Ion: 92 Resp: 7155
Ion Ratio Lower Upper
92 100
91 172.8 137.3 205.9



#62
4-Bromofluorobenzene
Concen: 49.179 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN086562.D
Acq: 09 May 2025 15:07

Tgt Ion: 95 Resp: 182408
Ion Ratio Lower Upper
95 100
174 74.6 0.0 133.4
176 71.9 0.0 129.2

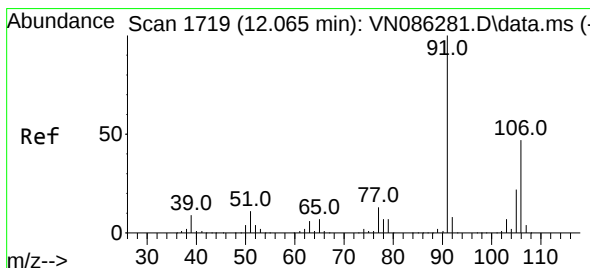
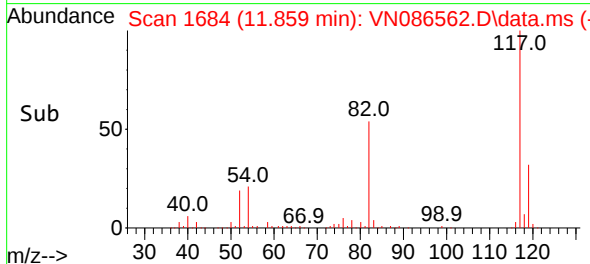
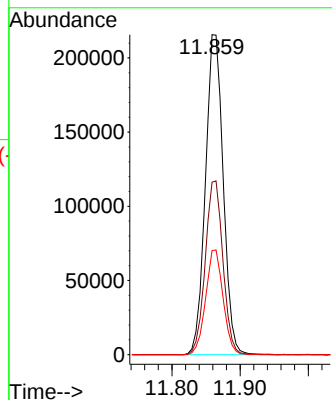
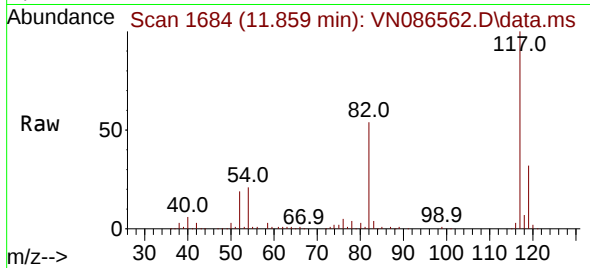




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.859 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN086562.D
Acq: 09 May 2025 15:07

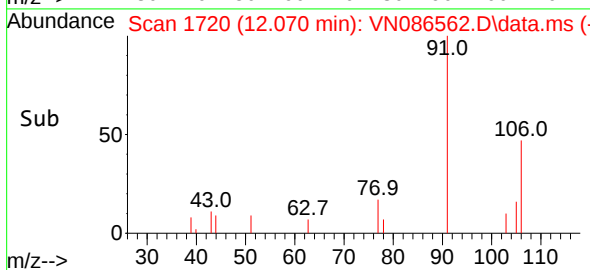
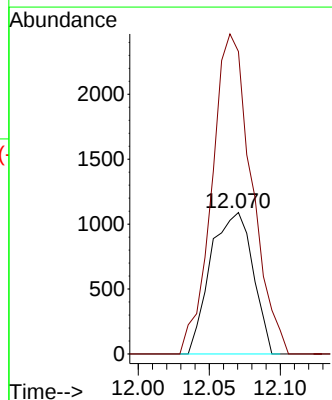
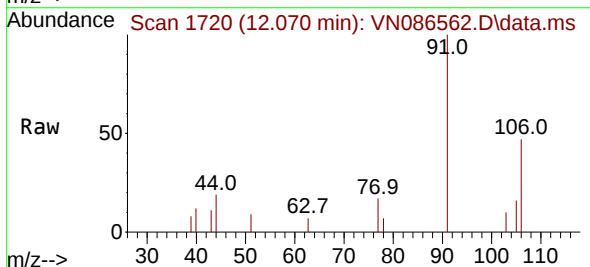
Instrument :
MSVOA_N
ClientSampleId :
IBLK

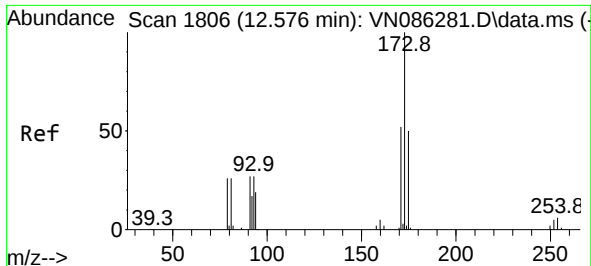
Tgt Ion:117 Resp: 391936
Ion Ratio Lower Upper
117 100
82 53.9 44.7 67.1
119 32.5 26.4 39.6



#68
m/p-Xylenes
Concen: 0.382 ug/l
RT: 12.070 min Scan# 1720
Delta R.T. 0.006 min
Lab File: VN086562.D
Acq: 09 May 2025 15:07

Tgt Ion:106 Resp: 2258
Ion Ratio Lower Upper
106 100
91 212.5 166.5 249.7

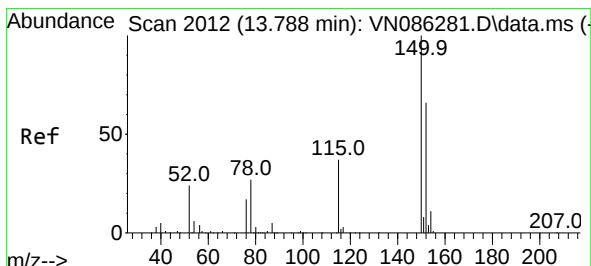
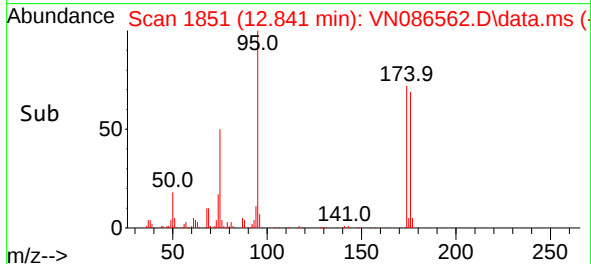
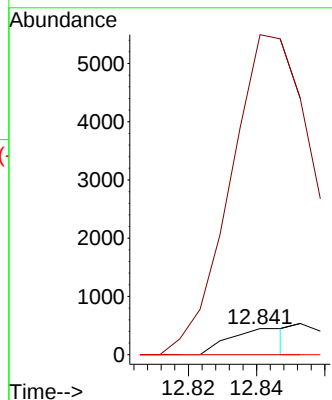
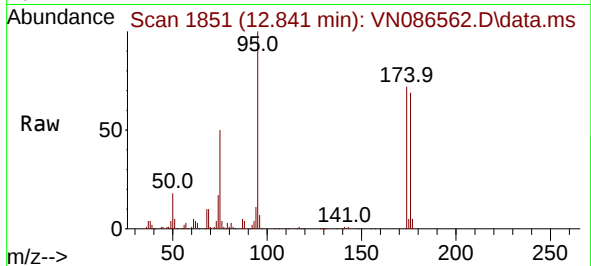




#71
Bromoform
Concen: 0.240 ug/l
RT: 12.841 min Scan# 1806
Delta R.T. 0.265 min
Lab File: VN086562.D
Acq: 09 May 2025 15:07

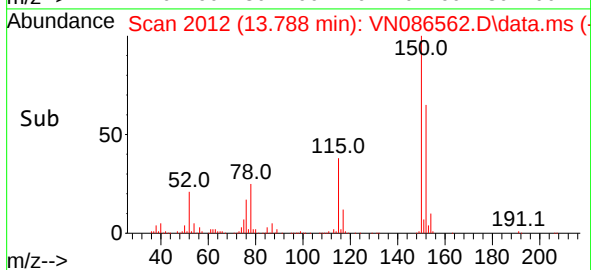
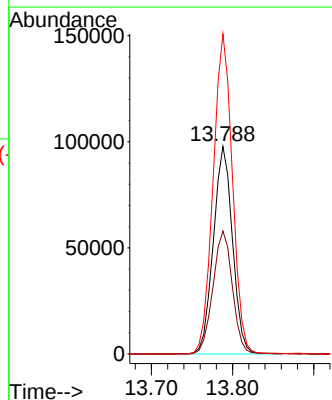
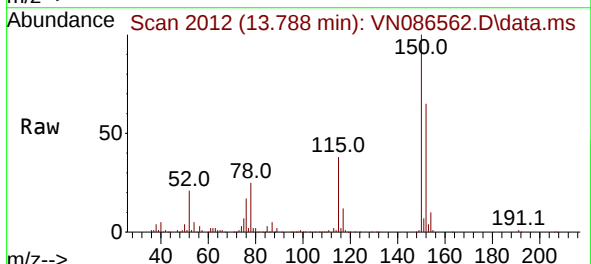
Instrument :
MSVOA_N
ClientSampleId :
IBLK

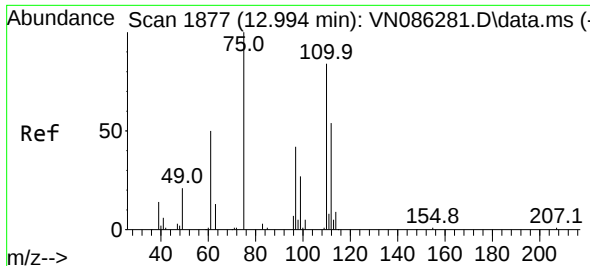
Tgt Ion:173 Resp: 521
Ion Ratio Lower Upper
173 100
175 1512.1 24.6 73.6#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 1212
Delta R.T. -0.000 min
Lab File: VN086562.D
Acq: 09 May 2025 15:07

Tgt Ion:152 Resp: 160403
Ion Ratio Lower Upper
152 100
115 60.1 31.9 95.9
150 155.1 0.0 352.0

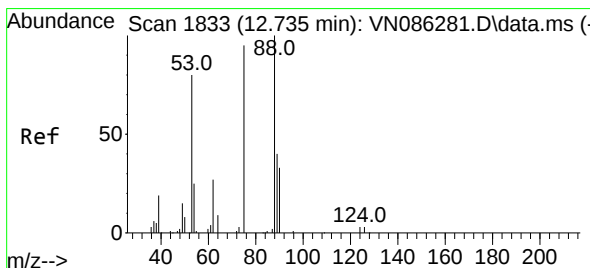
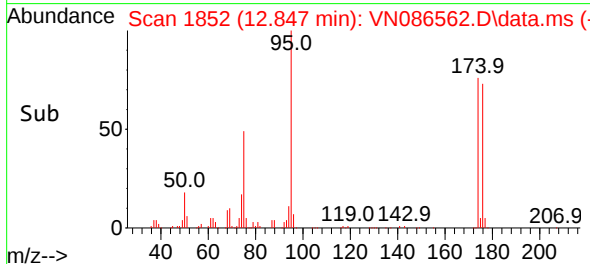
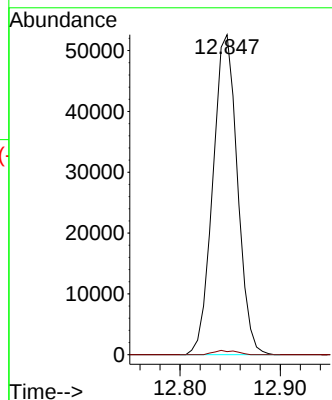
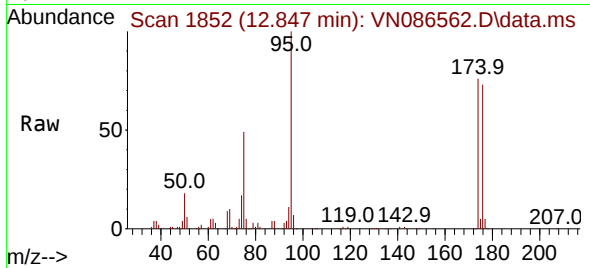




#76
1,2,3-Trichloropropane
Concen: 23.686 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.147 min
Lab File: VN086562.D
Acq: 09 May 2025 15:07

Instrument :
MSVOA_N
ClientSampleId :
IBLK

Tgt Ion: 75 Resp: 89656
Ion Ratio Lower Upper
75 100
77 1.2 98.8 296.4#



#81
trans-1,4-Dichloro-2-butene
Concen: 56.884 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.112 min
Lab File: VN086562.D
Acq: 09 May 2025 15:07

Tgt Ion: 75 Resp: 89656
Ion Ratio Lower Upper
75 100
53 0.0 79.2 118.8#
89 0.0 35.7 53.5#

