

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050925\
 Data File : VN086561.D
 Acq On : 09 May 2025 14:43
 Operator : JC\MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

Quant Time: May 09 23:28:53 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)

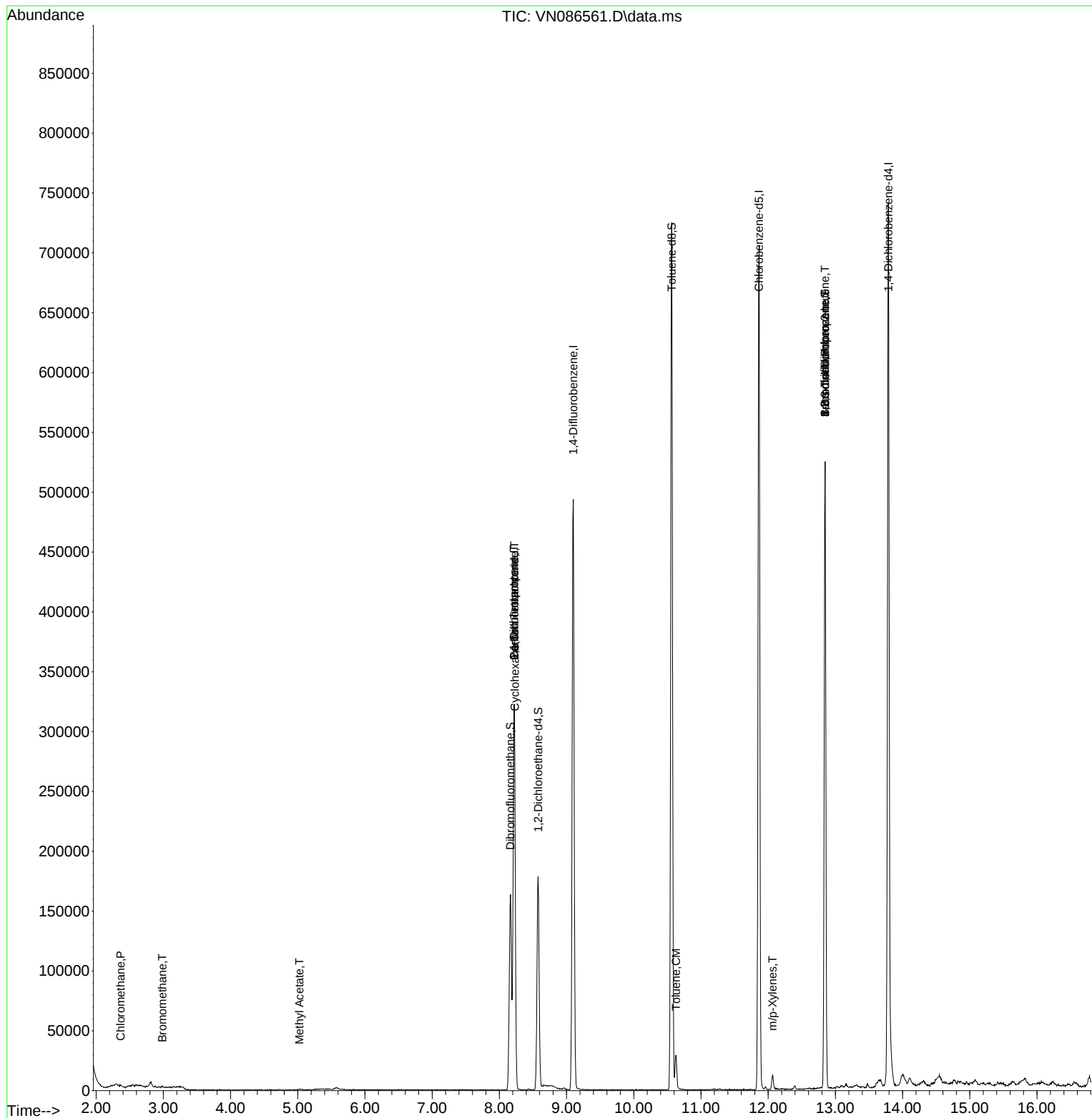
Internal Standards						
1) Pentafluorobenzene	8.224	168	246920	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	457960	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	430045	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	194431	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	148117	41.367	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	82.740%
35) Dibromofluoromethane	8.165	113	120179	56.543	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	113.080%
50) Toluene-d8	10.565	98	522816	46.025	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	92.040%
62) 4-Bromofluorobenzene	12.847	95	192500	46.461	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	92.920%
Target Compounds						
					Qvalue	
3) Chloromethane	2.365	50	1164	0.274	ug/l	97
5) Bromomethane	2.983	94	533	0.292	ug/l	91
16) Acetone	4.430	43	221	Below Cal	#	43
18) Methyl Acetate	5.024	43	1778	0.414	ug/l #	58
31) Cyclohexane	8.229	56	5213	0.898	ug/l #	6
36) 1,1-Dichloropropene	8.218	75	19286	4.543	ug/l #	50
38) Carbon Tetrachloride	8.224	117	24302	6.011	ug/l #	16
43) Isopropyl Acetate	8.659	43	2917	Below Cal	#	55
52) Toluene	10.629	92	12631	1.488	ug/l	95
68) m/p-Xylenes	12.065	106	4032	0.621	ug/l	96
71) Bromoform	12.847	173	896	0.376	ug/l #	1
76) 1,2,3-Trichloropropane	12.847	75	95546	20.824	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	95546	50.011	ug/l #	10

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

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Quant Title : SW846 8260
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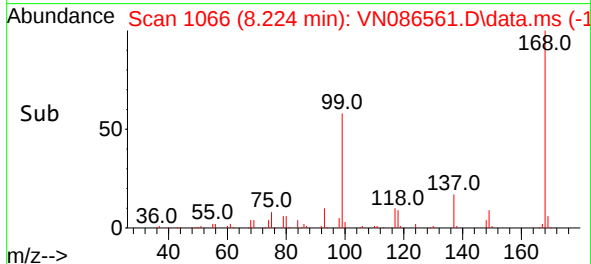
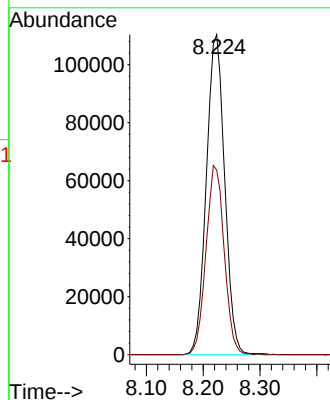
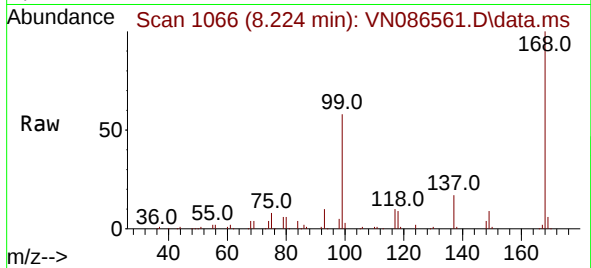




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 10
Delta R.T. 0.006 min
Lab File: VN086561.D
Acq: 09 May 2025 14:43

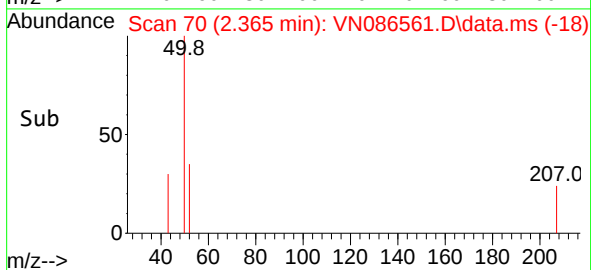
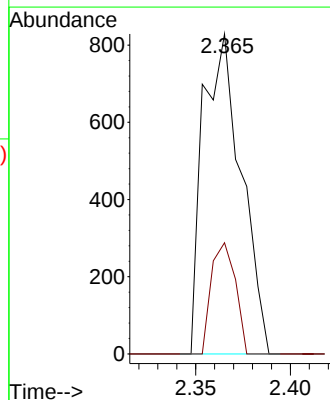
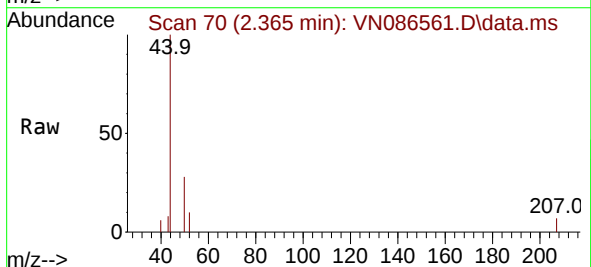
Instrument :
MSVOA_N
ClientSampleId :
IBLK

Tgt Ion:168 Resp: 246920
Ion Ratio Lower Upper
168 100
99 57.7 52.5 78.7



#3
Chloromethane
Concen: 0.274 ug/l
RT: 2.365 min Scan# 70
Delta R.T. 0.006 min
Lab File: VN086561.D
Acq: 09 May 2025 14:43

Tgt Ion: 50 Resp: 1164
Ion Ratio Lower Upper
50 100
52 34.7 26.5 39.7

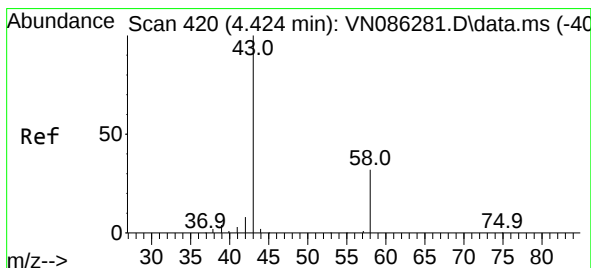
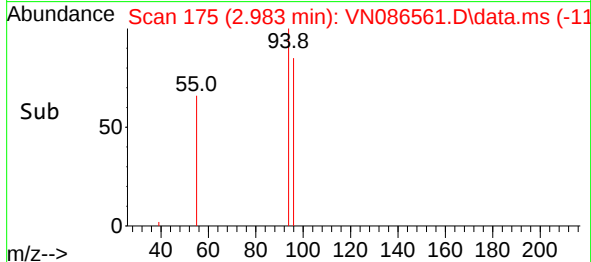
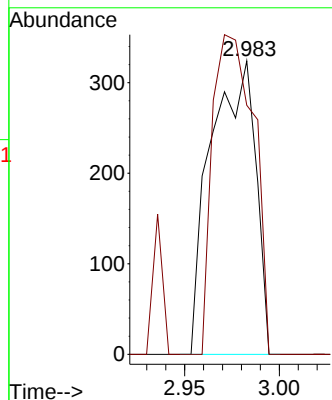
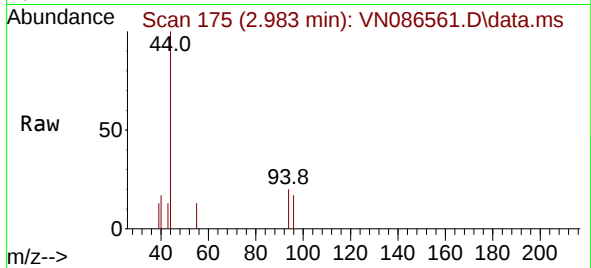




#5
Bromomethane
Concen: 0.292 ug/l
RT: 2.983 min Scan# 11
Delta R.T. 0.029 min
Lab File: VN086561.D
Acq: 09 May 2025 14:43

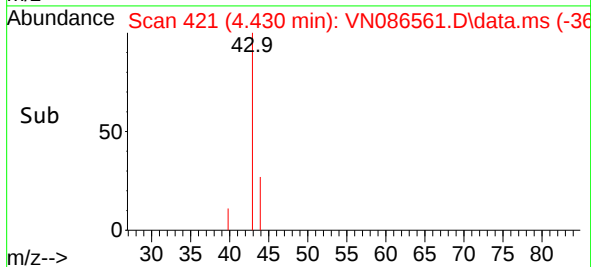
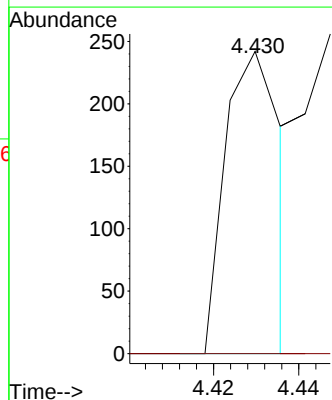
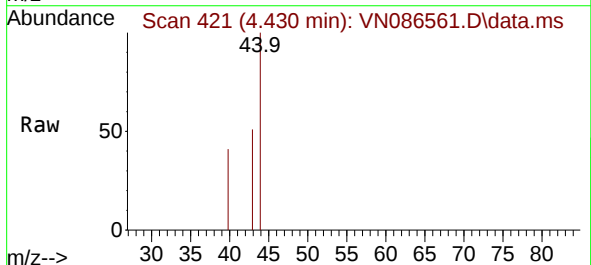
Instrument :
MSVOA_N
ClientSampleId :
IBLK

Tgt Ion: 94 Resp: 533
Ion Ratio Lower Upper
94 100
96 84.9 75.2 112.8



#16
Acetone
Concen: Below Cal
RT: 4.430 min Scan# 421
Delta R.T. 0.006 min
Lab File: VN086561.D
Acq: 09 May 2025 14:43

Tgt Ion: 43 Resp: 221
Ion Ratio Lower Upper
43 100
58 0.0 25.3 37.9#

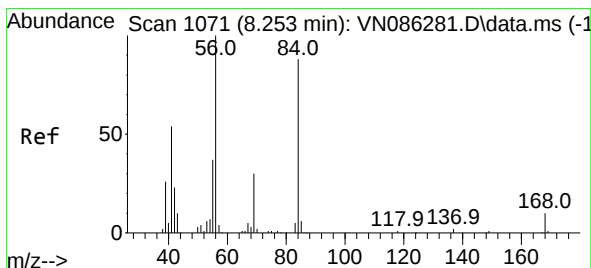
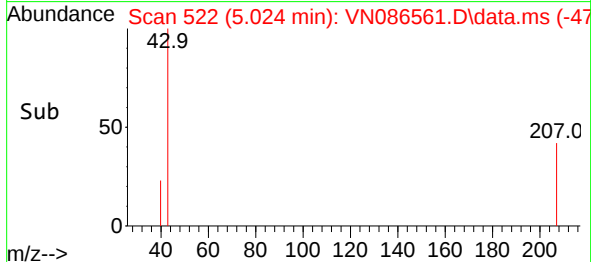
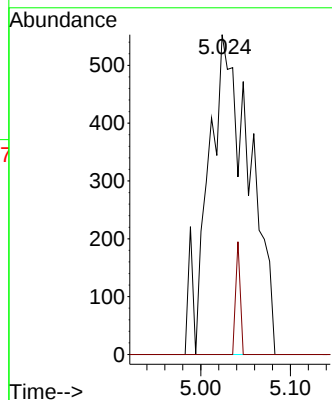
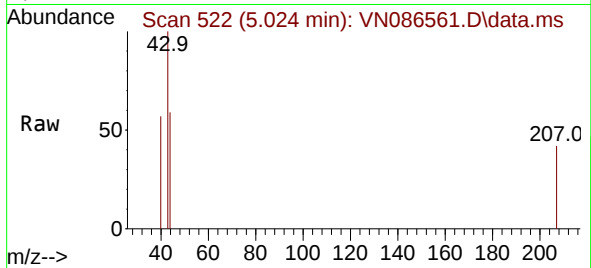




#18
Methyl Acetate
Concen: 0.414 ug/l
RT: 5.024 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN086561.D
Acq: 09 May 2025 14:43

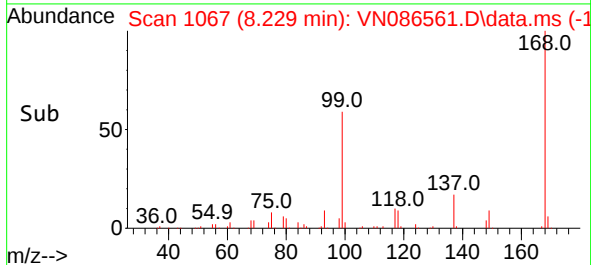
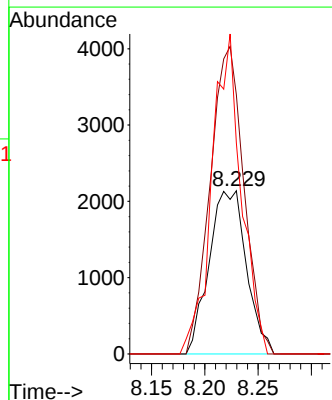
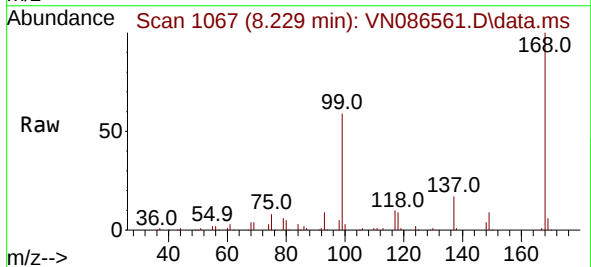
Instrument :
MSVOA_N
ClientSampleId :
IBLK

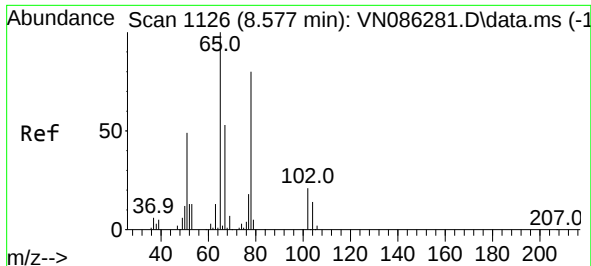
Tgt Ion: 43 Resp: 1778
Ion Ratio Lower Upper
43 100
74 3.9 19.8 29.6#



#31
Cyclohexane
Concen: 0.898 ug/l
RT: 8.229 min Scan# 1067
Delta R.T. -0.024 min
Lab File: VN086561.D
Acq: 09 May 2025 14:43

Tgt Ion: 56 Resp: 5213
Ion Ratio Lower Upper
56 100
69 158.9 24.2 36.2#
84 129.3 70.3 105.5#





#33

1,2-Dichloroethane-d4

Concen: 41.367 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VN086561.D

Acq: 09 May 2025 14:43

Instrument :

MSVOA_N

ClientSampleId :

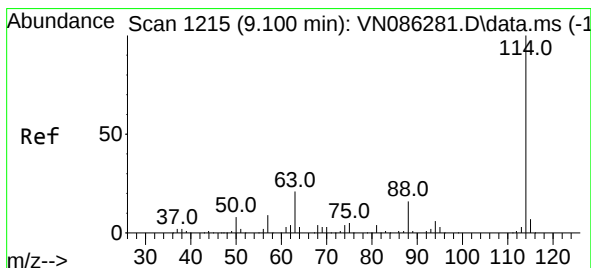
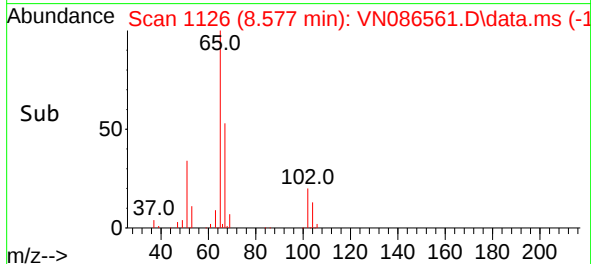
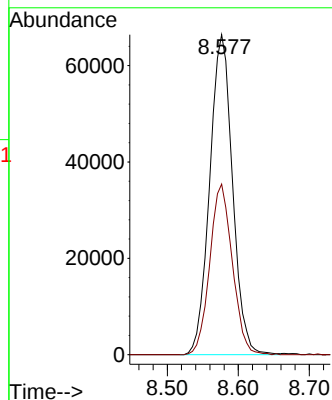
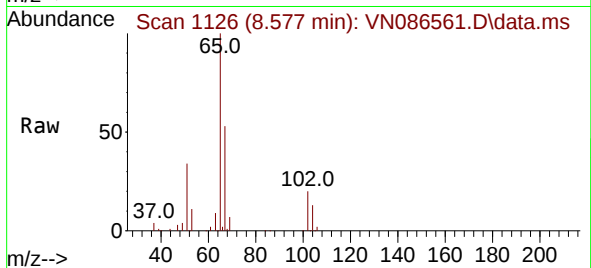
IBLK

Tgt Ion: 65 Resp: 148117

Ion Ratio Lower Upper

65 100

67 52.7 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: VN086561.D

Acq: 09 May 2025 14:43

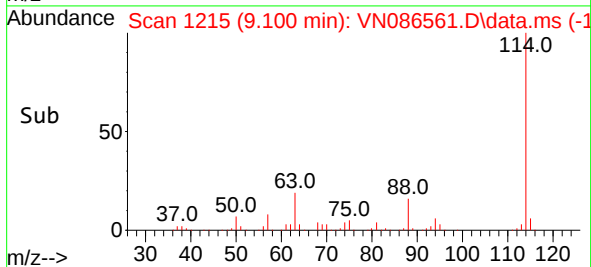
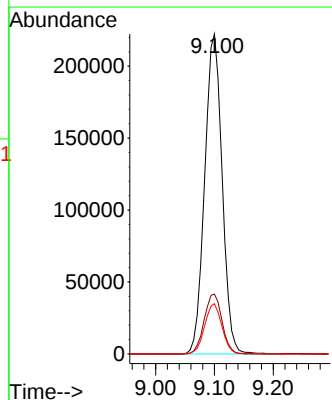
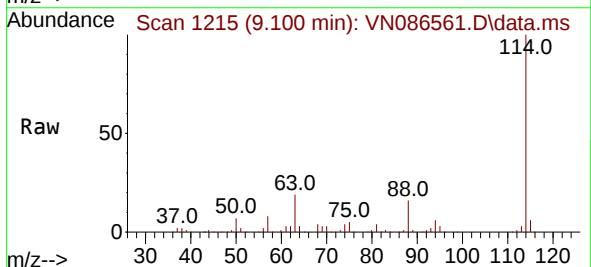
Tgt Ion: 114 Resp: 457960

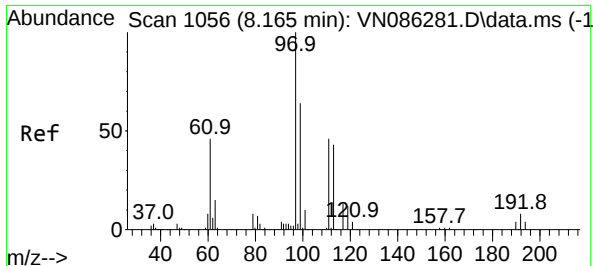
Ion Ratio Lower Upper

114 100

63 18.7 0.0 42.6

88 15.7 0.0 31.8

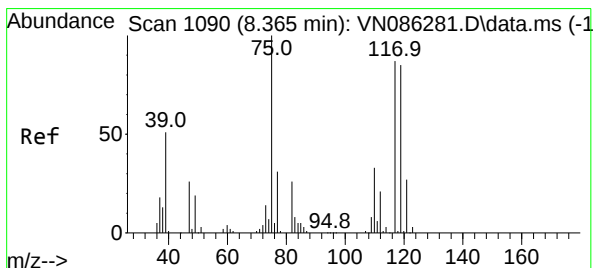
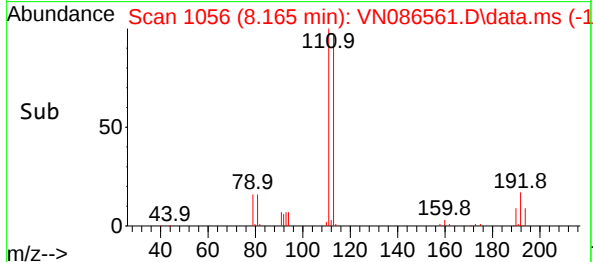
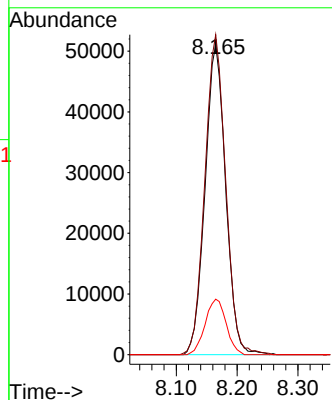
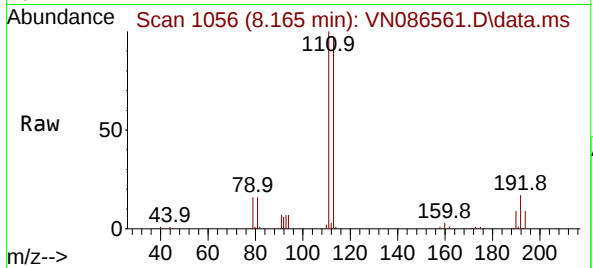




#35
Dibromofluoromethane
Concen: 56.543 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN086561.D
Acq: 09 May 2025 14:43

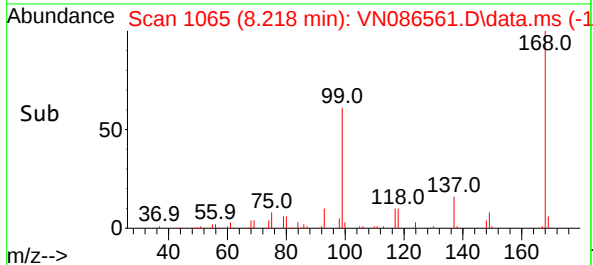
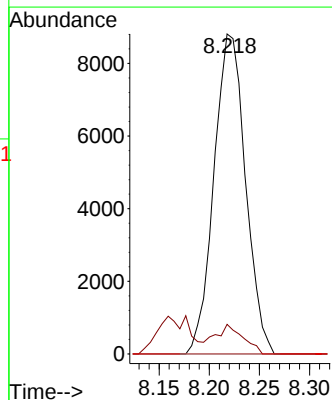
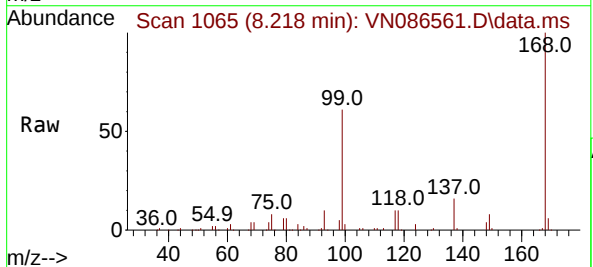
Instrument :
MSVOA_N
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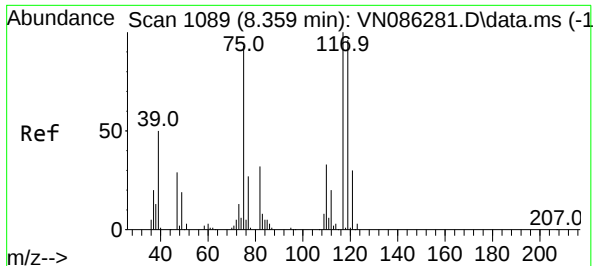
Tgt Ion:113 Resp: 120179
Ion Ratio Lower Upper
113 100
111 104.2 83.4 125.0
192 18.2 13.7 20.5



#36
1,1-Dichloropropene
Concen: 4.543 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.147 min
Lab File: VN086561.D
Acq: 09 May 2025 14:43

Tgt Ion: 75 Resp: 19286
Ion Ratio Lower Upper
75 100
110 8.1 16.8 50.4#
77 0.0 24.9 37.3#

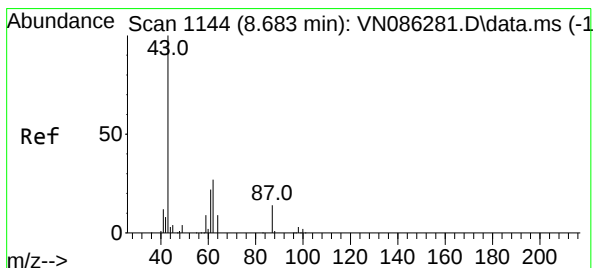
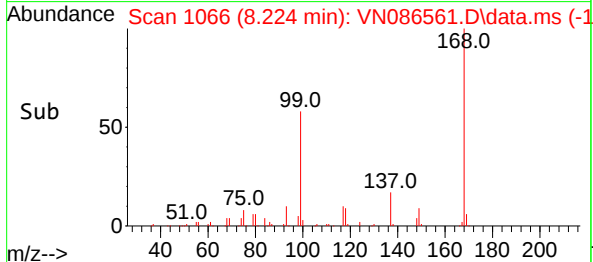
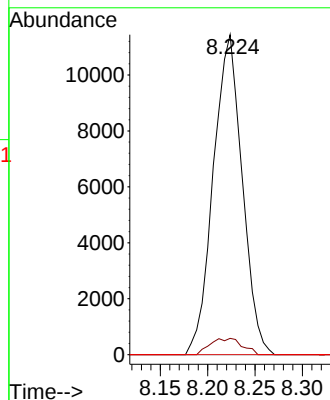
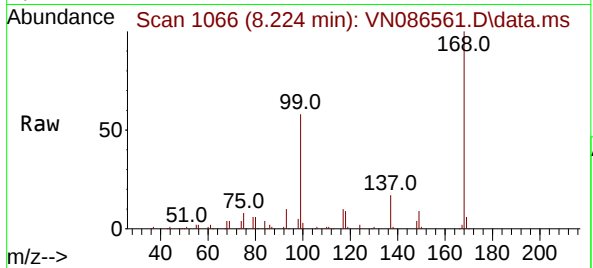




#38
Carbon Tetrachloride
Concen: 6.011 ug/l
RT: 8.224 min Scan# 110
Delta R.T. -0.135 min
Lab File: VN086561.D
Acq: 09 May 2025 14:43

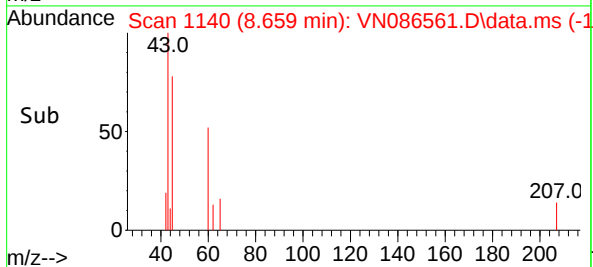
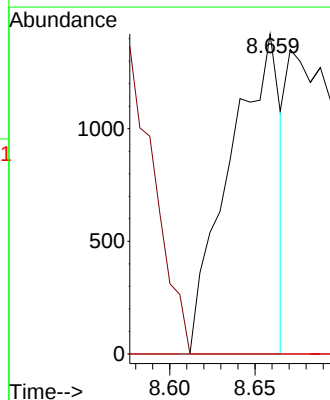
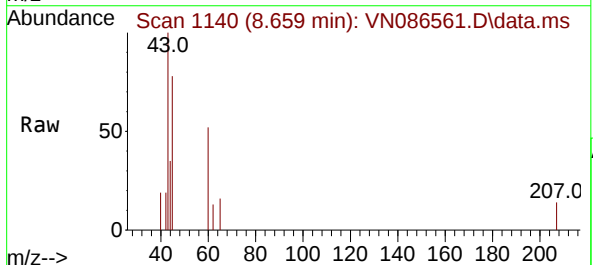
Instrument :
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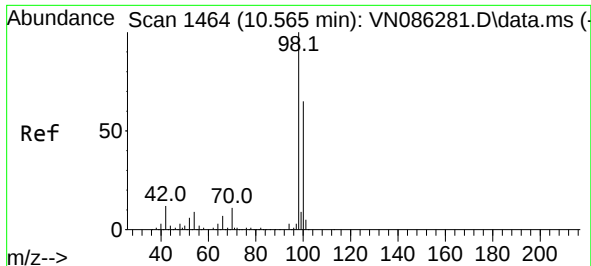
Tgt Ion:117 Resp: 24302
Ion Ratio Lower Upper
117 100
119 5.1 76.8 115.2#
121 0.0 23.8 35.8#



#43
Isopropyl Acetate
Concen: Below Cal
RT: 8.659 min Scan# 1140
Delta R.T. -0.024 min
Lab File: VN086561.D
Acq: 09 May 2025 14:43

Tgt Ion: 43 Resp: 2917
Ion Ratio Lower Upper
43 100
61 0.0 20.5 30.7#
87 0.0 10.5 15.7#

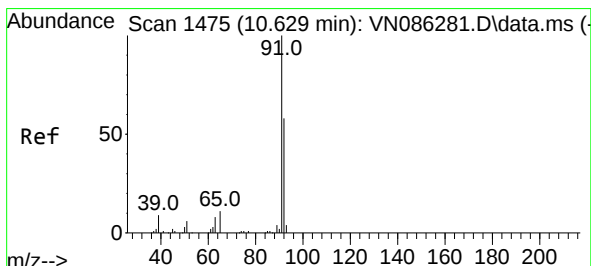
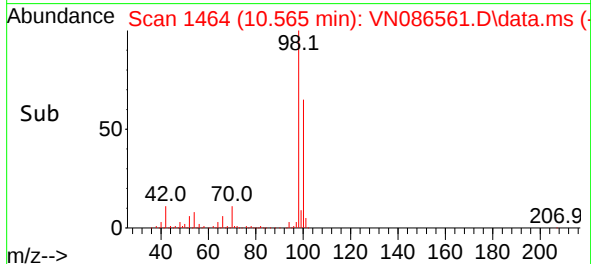
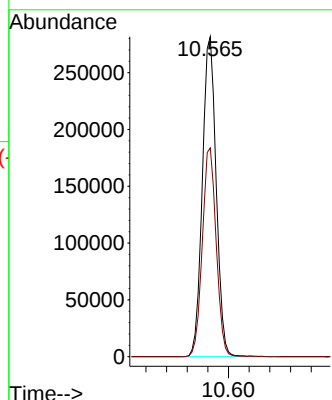
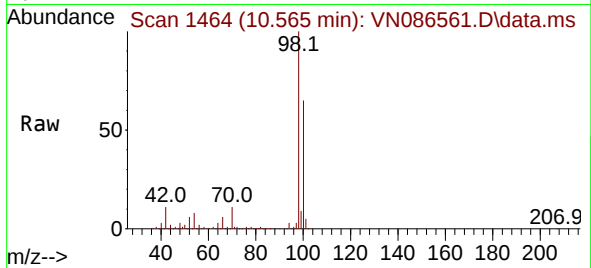




#50
Toluene-d8
Concen: 46.025 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN086561.D
Acq: 09 May 2025 14:43

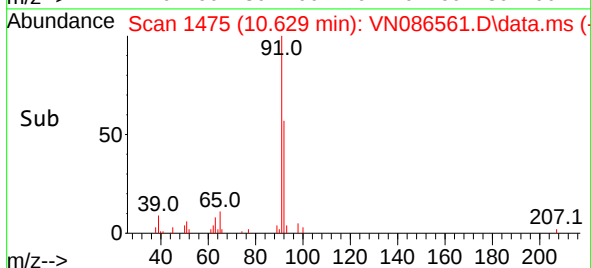
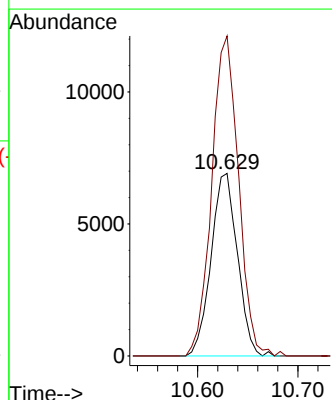
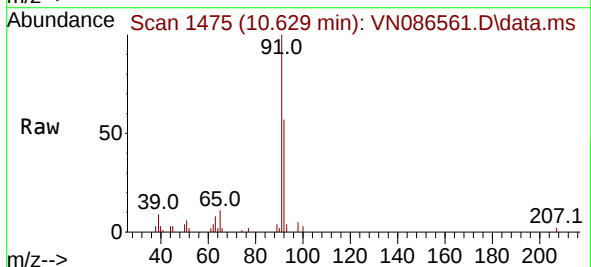
Instrument :
MSVOA_N
ClientSampleId :
IBLK

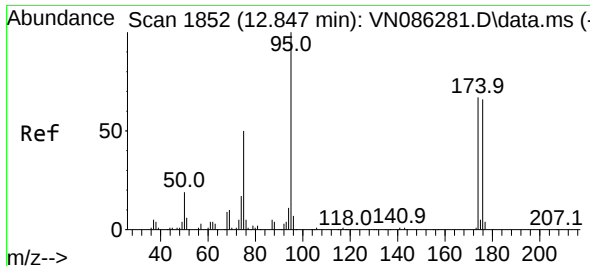
Tgt Ion: 98 Resp: 522816
Ion Ratio Lower Upper
98 100
100 65.4 52.5 78.7



#52
Toluene
Concen: 1.488 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VN086561.D
Acq: 09 May 2025 14:43

Tgt Ion: 92 Resp: 12631
Ion Ratio Lower Upper
92 100
91 178.1 137.3 205.9

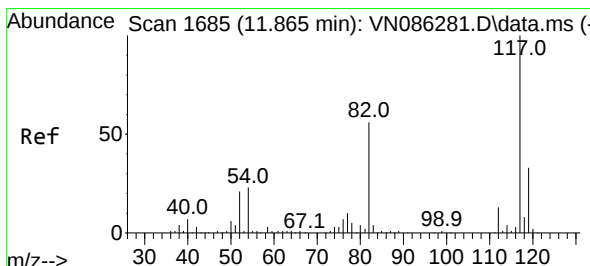
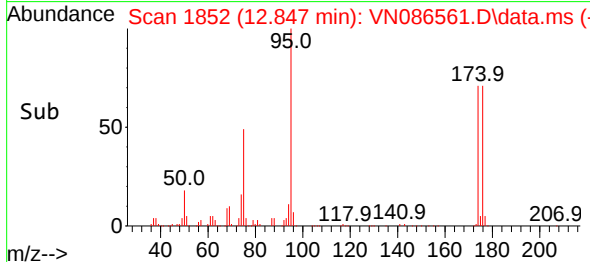
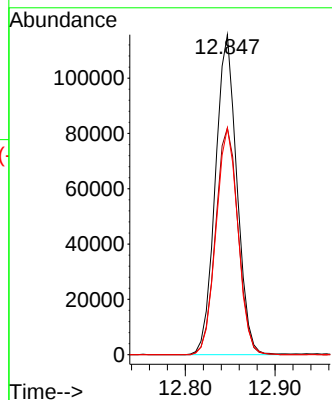
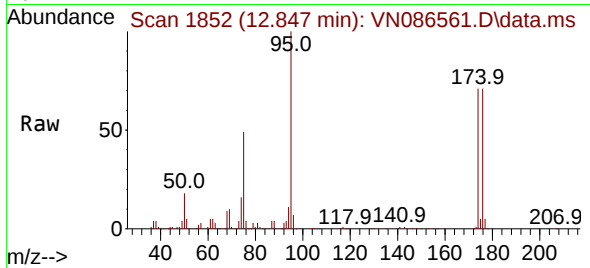




#62
4-Bromofluorobenzene
Concen: 46.461 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN086561.D
Acq: 09 May 2025 14:43

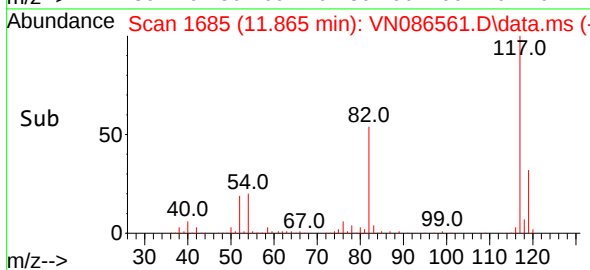
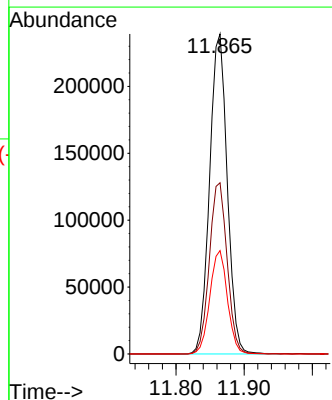
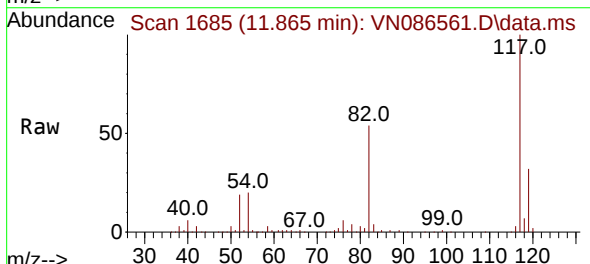
Instrument :
MSVOA_N
ClientSampleId :
IBLK

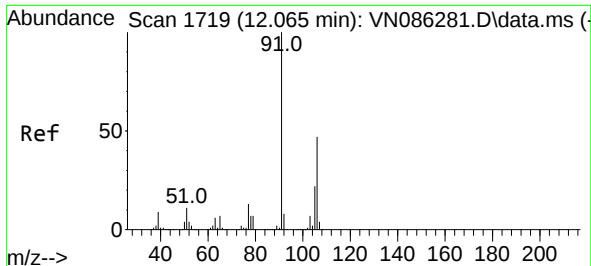
Tgt Ion: 95 Resp: 192500
Ion Ratio Lower Upper
95 100
174 73.9 0.0 133.4
176 72.0 0.0 129.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN086561.D
Acq: 09 May 2025 14:43

Tgt Ion: 117 Resp: 430045
Ion Ratio Lower Upper
117 100
82 53.5 44.7 67.1
119 32.3 26.4 39.6

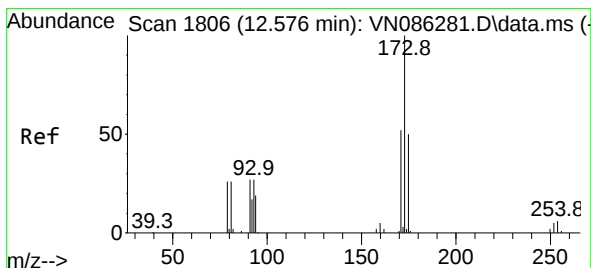
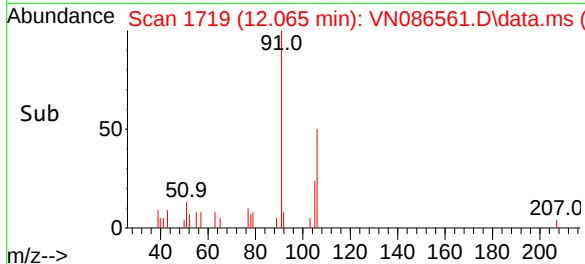
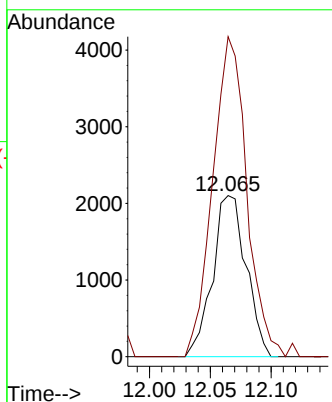
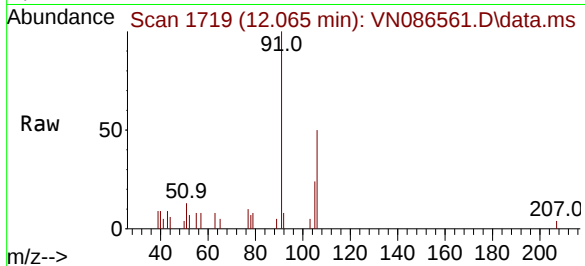




#68
m/p-Xylenes
Concen: 0.621 ug/l
RT: 12.065 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN086561.D
Acq: 09 May 2025 14:43

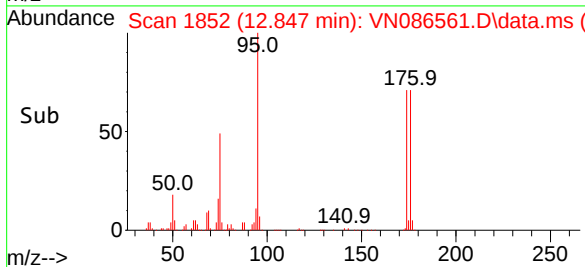
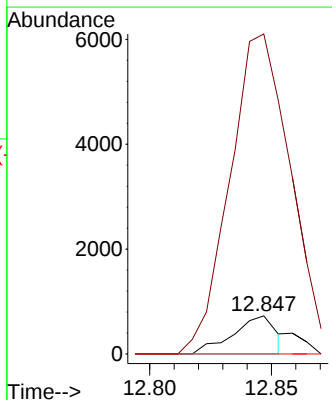
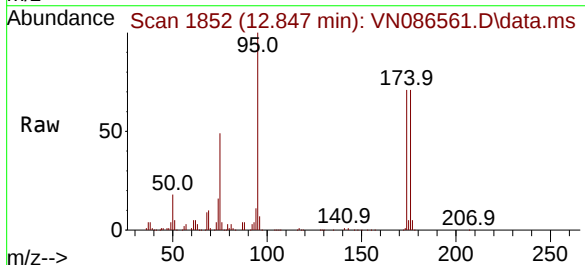
Instrument :
MSVOA_N
ClientSampleId :
IBLK

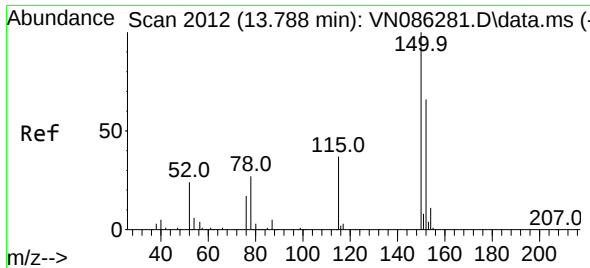
Tgt Ion:106 Resp: 4032
Ion Ratio Lower Upper
106 100
91 201.3 166.5 249.7



#71
Bromoform
Concen: 0.376 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.270 min
Lab File: VN086561.D
Acq: 09 May 2025 14:43

Tgt Ion:173 Resp: 896
Ion Ratio Lower Upper
173 100
175 957.3 24.6 73.6#
254 0.0 0.0 0.0

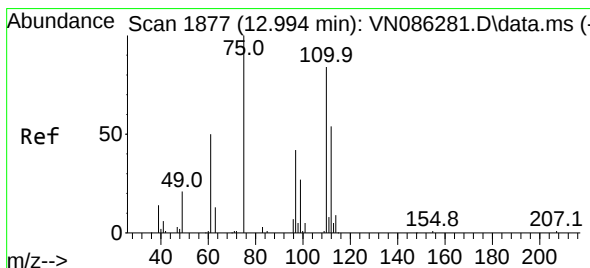
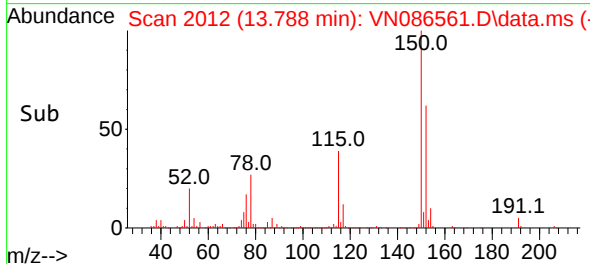
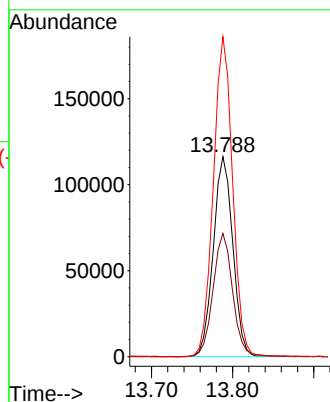
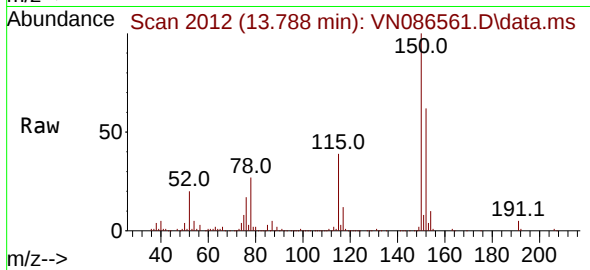




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.788 min Scan# 2012
 Delta R.T. -0.000 min
 Lab File: VN086561.D
 Acq: 09 May 2025 14:43

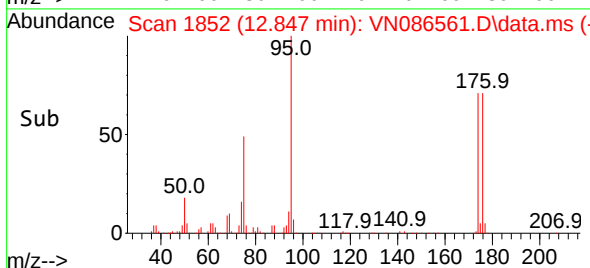
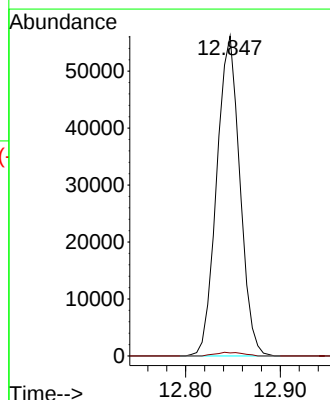
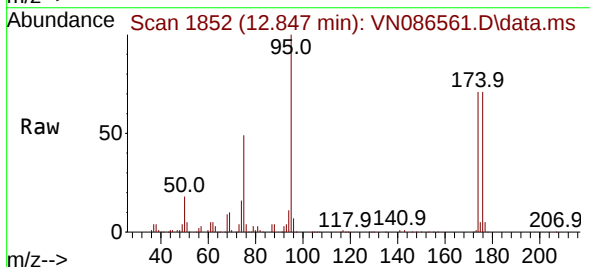
Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

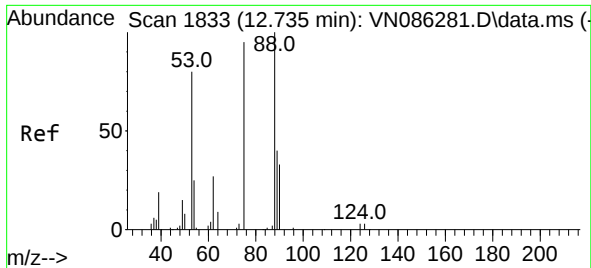
Tgt Ion:152 Resp: 194431
 Ion Ratio Lower Upper
 152 100
 115 62.4 31.9 95.9
 150 157.6 0.0 352.0



#76
 1,2,3-Trichloropropane
 Concen: 20.824 ug/l
 RT: 12.847 min Scan# 1852
 Delta R.T. -0.147 min
 Lab File: VN086561.D
 Acq: 09 May 2025 14:43

Tgt Ion: 75 Resp: 95546
 Ion Ratio Lower Upper
 75 100
 77 1.3 98.8 296.4#





#81
trans-1,4-Dichloro-2-butene
Concen: 50.011 ug/l
RT: 12.847 min Scan# 11
Delta R.T. 0.112 min
Lab File: VN086561.D
Acq: 09 May 2025 14:43

Instrument :
MSVOA_N
ClientSampleId :
IBLK

Tgt Ion: 75 Resp: 95546
Ion Ratio Lower Upper
75 100
53 0.0 79.2 118.8#
89 0.0 35.7 53.5#

