

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102224\
 Data File : VN084457.D
 Acq On : 22 Oct 2024 16:21
 Operator : JC\MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

Quant Time: Oct 23 01:30:16 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N093024W.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 01 07:11:01 2024
 Response via : Initial Calibration

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

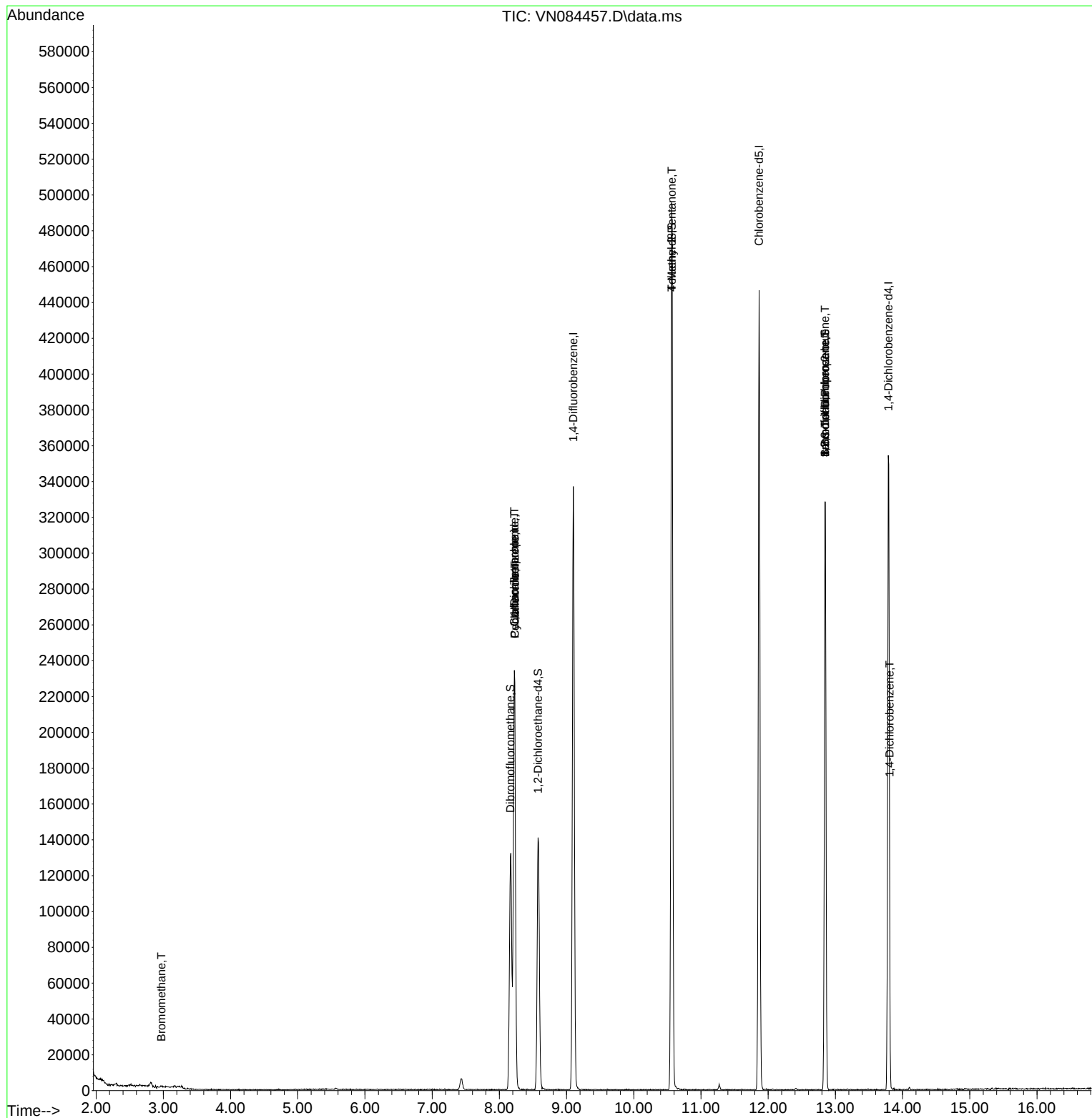
Internal Standards						
1) Pentafluorobenzene	8.230	168	168650	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	286733	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	247265	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	98200	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	119470	47.777	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	95.560%		
35) Dibromofluoromethane	8.165	113	96261	50.923	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	101.840%		
50) Toluene-d8	10.565	98	347460	49.960	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	99.920%		
62) 4-Bromofluorobenzene	12.847	95	116070	45.811	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	91.620%		
Target Compounds						
					Qvalue	
5) Bromomethane	2.971	94	433	0.298	ug/l #	4
31) Cyclohexane	8.230	56	4068	1.098	ug/l #	5
36) 1,1-Dichloropropene	8.224	75	14317	5.214	ug/l #	46
38) Carbon Tetrachloride	8.224	117	17943	5.957	ug/l #	15
51) 4-Methyl-2-Pentanone	10.565	43	1444	0.538	ug/l #	1
71) Bromoform	12.847	173	823	0.592	ug/l #	1
76) 1,2,3-Trichloropropane	12.847	75	58733	29.296	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	58733	70.237	ug/l #	11
88) 1,4-Dichlorobenzene	13.806	146	1022	0.298	ug/l #	1

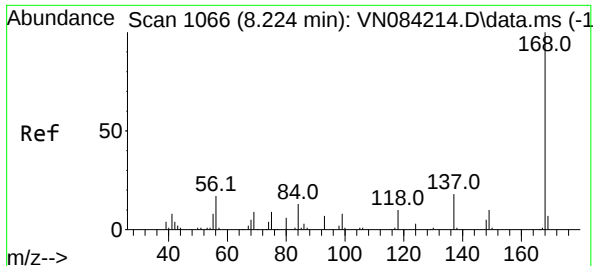
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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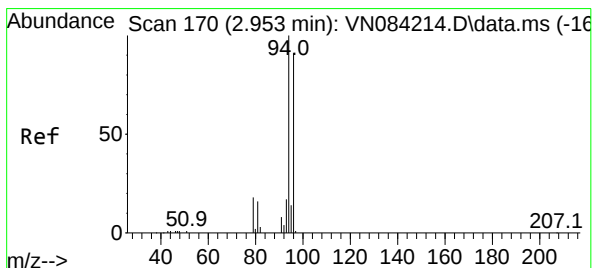
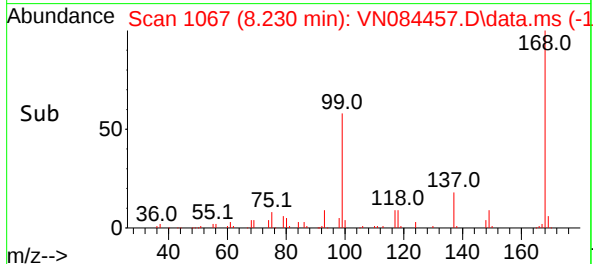
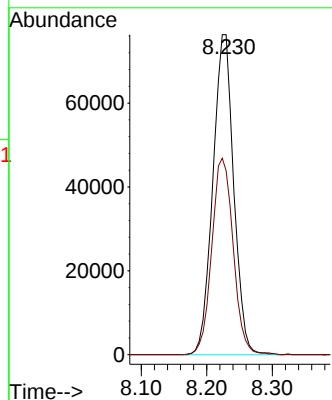
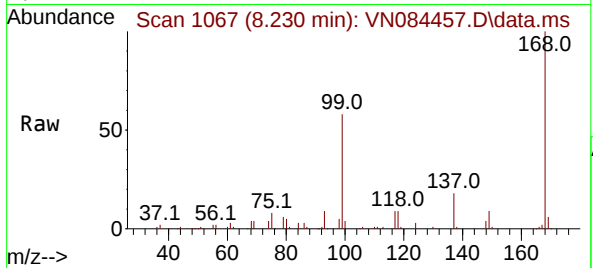




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 10
Delta R.T. 0.006 min
Lab File: VN084457.D
Acq: 22 Oct 2024 16:21

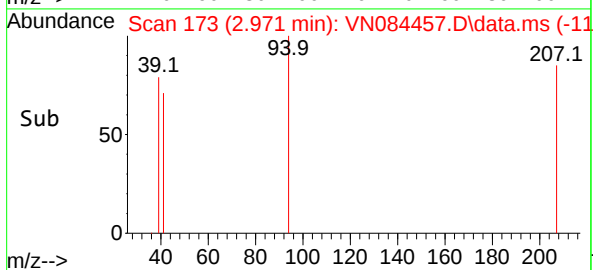
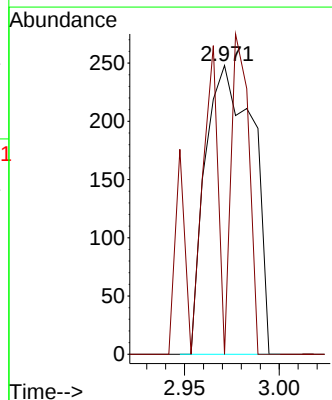
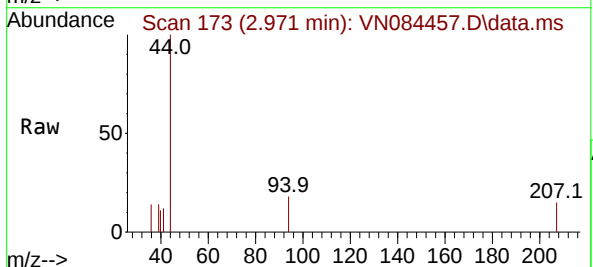
Instrument :
MSVOA_N
ClientSampleId :
IBLK

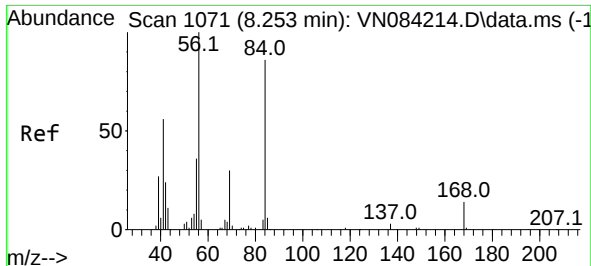
Tgt Ion:168 Resp: 168650
Ion Ratio Lower Upper
168 100
99 57.5 54.2 81.2



#5
Bromomethane
Concen: 0.298 ug/l
RT: 2.971 min Scan# 173
Delta R.T. 0.018 min
Lab File: VN084457.D
Acq: 22 Oct 2024 16:21

Tgt Ion: 94 Resp: 433
Ion Ratio Lower Upper
94 100
96 0.0 72.9 109.3#

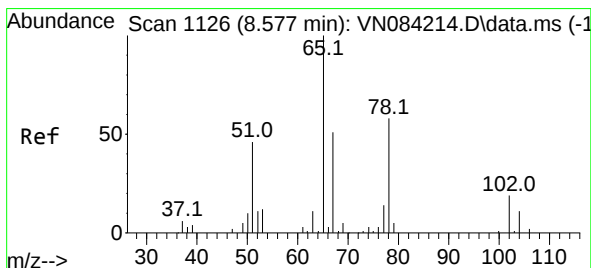
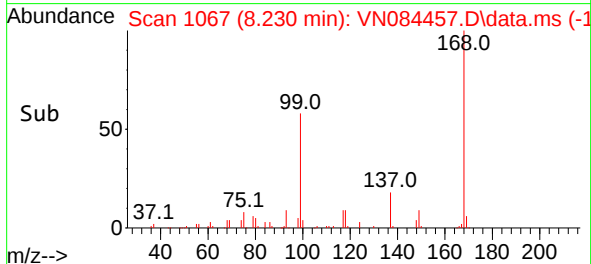
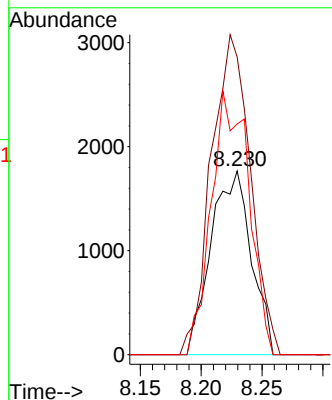
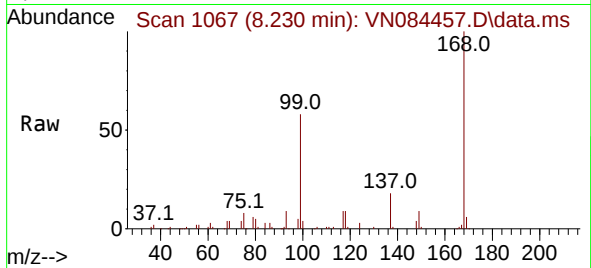




#31
Cyclohexane
Concen: 1.098 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.024 min
Lab File: VN084457.D
Acq: 22 Oct 2024 16:21

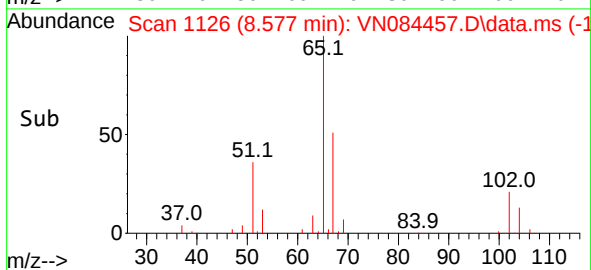
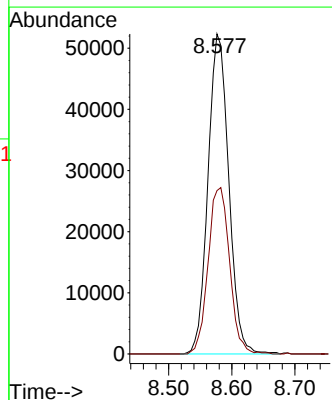
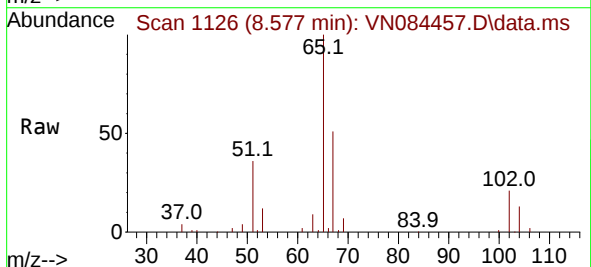
Instrument :
MSVOA_N
ClientSampleId :
IBLK

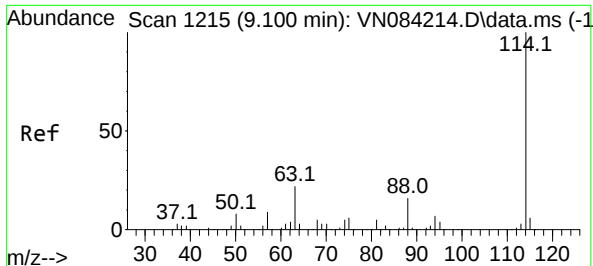
Tgt Ion: 56 Resp: 4068
Ion Ratio Lower Upper
56 100
69 162.0 23.8 35.6#
84 125.6 68.8 103.2#



#33
1,2-Dichloroethane-d4
Concen: 47.777 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN084457.D
Acq: 22 Oct 2024 16:21

Tgt Ion: 65 Resp: 119470
Ion Ratio Lower Upper
65 100
67 53.9 0.0 102.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN084457.D

Acq: 22 Oct 2024 16:21

Instrument :

MSVOA_N

ClientSampleId :

IBLK

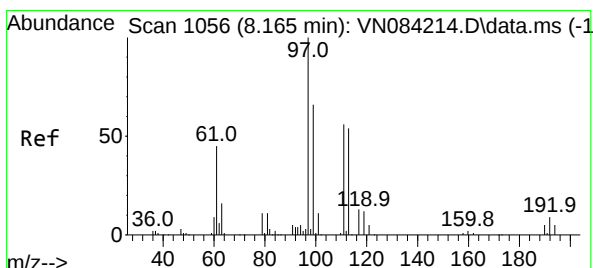
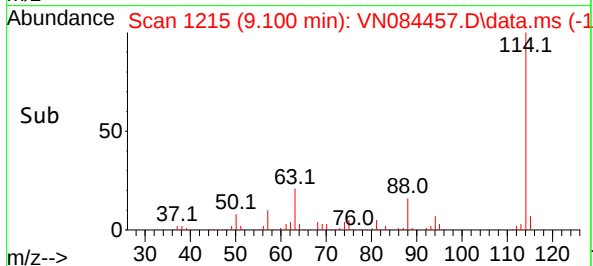
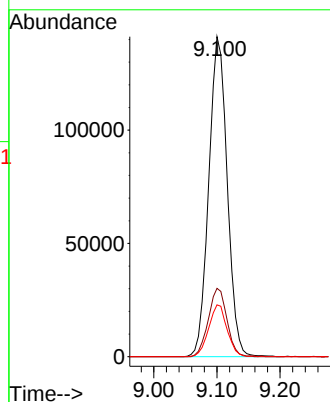
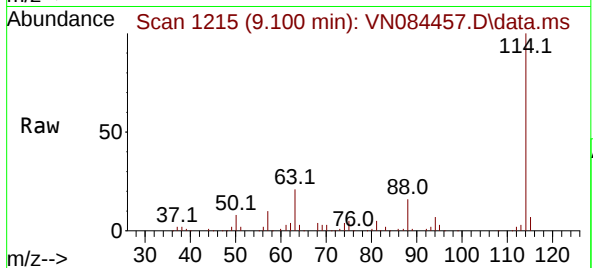
Tgt Ion:114 Resp: 286733

Ion Ratio Lower Upper

114 100

63 21.3 0.0 43.8

88 16.2 0.0 31.6



#35

Dibromofluoromethane

Concen: 50.923 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VN084457.D

Acq: 22 Oct 2024 16:21

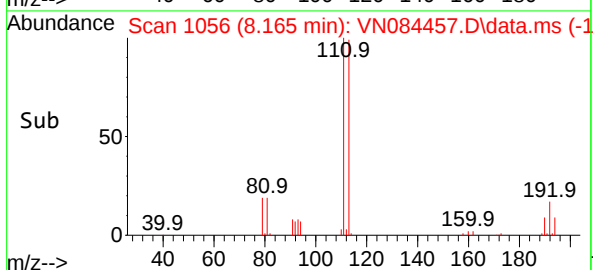
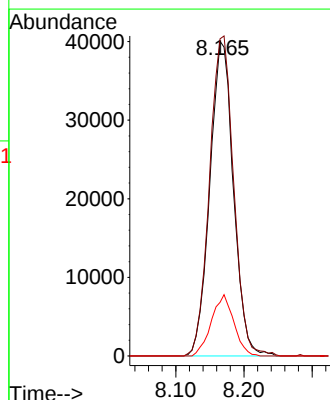
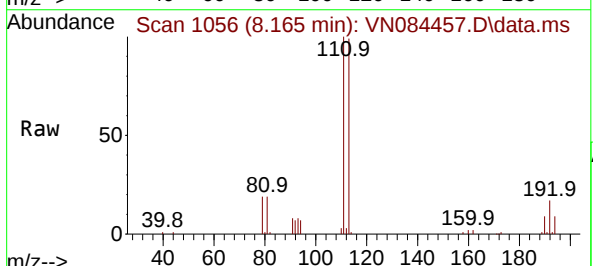
Tgt Ion:113 Resp: 96261

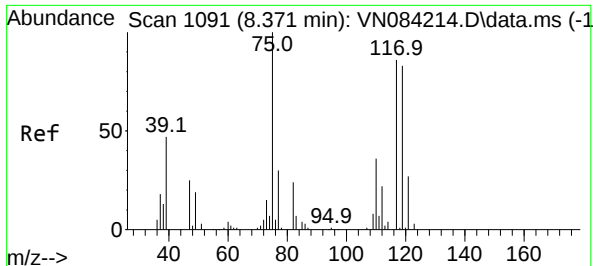
Ion Ratio Lower Upper

113 100

111 104.2 83.3 124.9

192 18.6 13.5 20.3





#36

1,1-Dichloropropene

Concen: 5.214 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.147 min

Lab File: VN084457.D

Acq: 22 Oct 2024 16:21

Instrument :

MSVOA_N

ClientSampleId :

IBLK

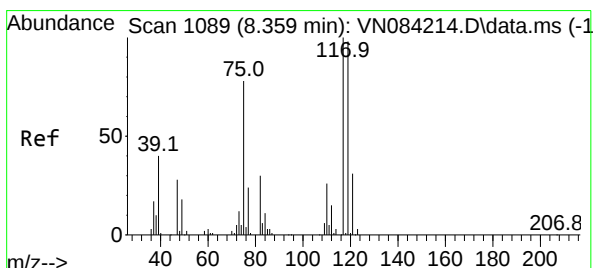
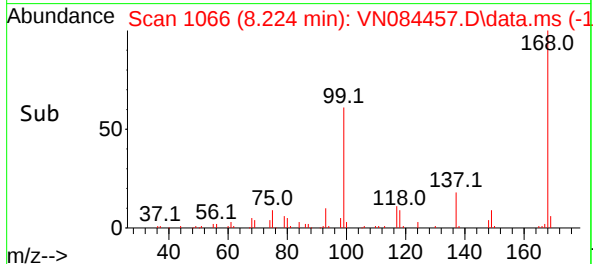
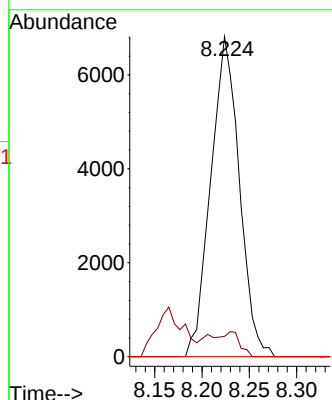
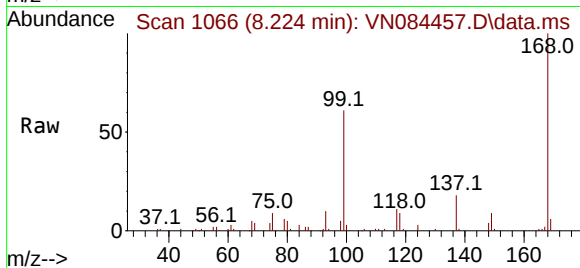
Tgt Ion: 75 Resp: 14317

Ion Ratio Lower Upper

75 100

110 4.5 16.9 50.7#

77 0.0 24.7 37.1#



#38

Carbon Tetrachloride

Concen: 5.957 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.135 min

Lab File: VN084457.D

Acq: 22 Oct 2024 16:21

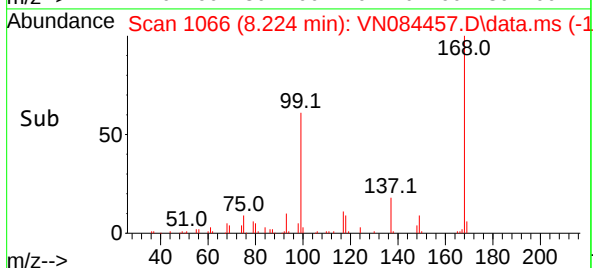
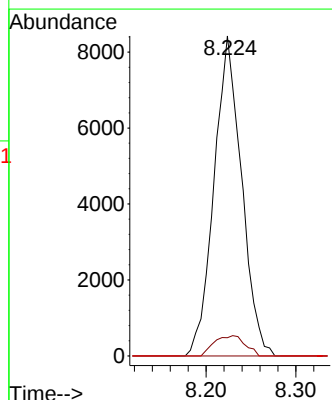
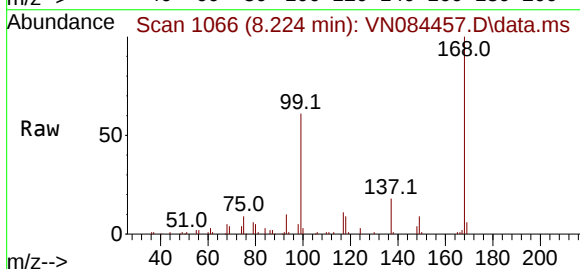
Tgt Ion: 117 Resp: 17943

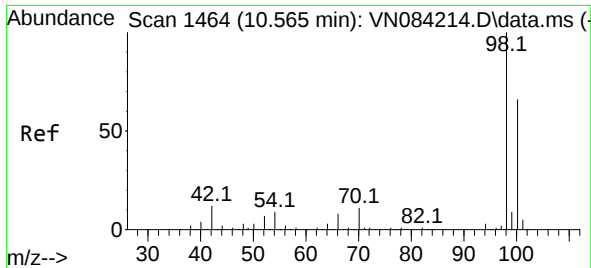
Ion Ratio Lower Upper

117 100

119 5.7 78.7 118.1#

121 0.0 24.4 36.6#

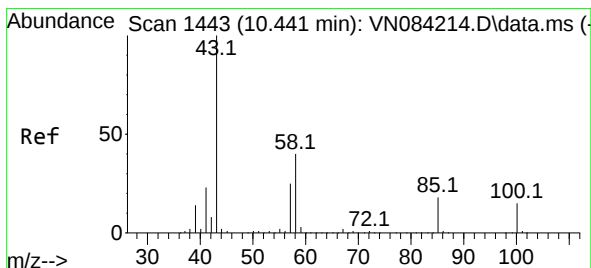
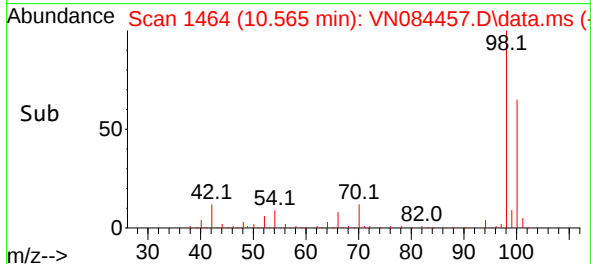
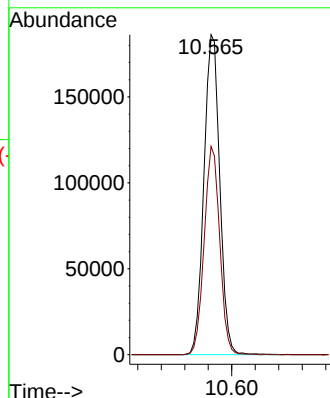
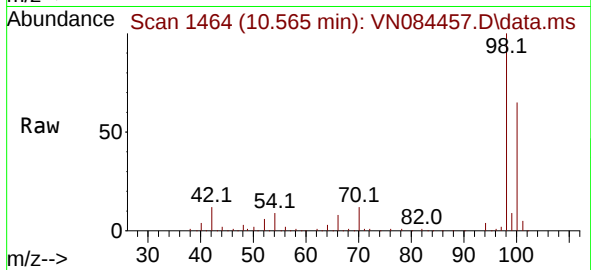




#50
Toluene-d8
Concen: 49.960 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN084457.D
Acq: 22 Oct 2024 16:21

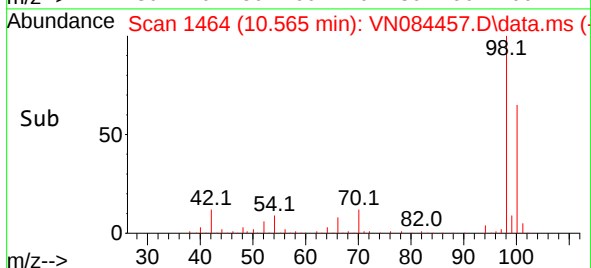
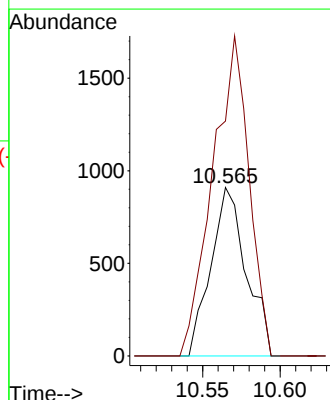
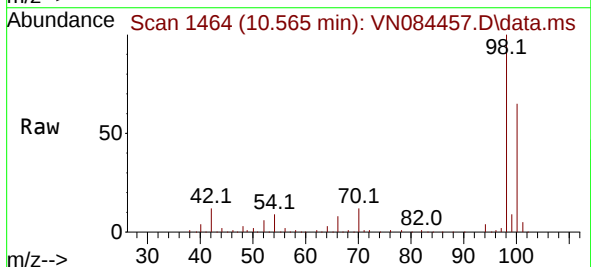
Instrument :
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ClientSampleId :
IBLK

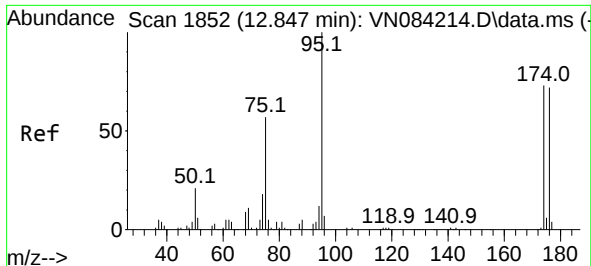
Tgt Ion: 98 Resp: 347460
Ion Ratio Lower Upper
98 100
100 63.7 52.7 79.1



#51
4-Methyl-2-Pentanone
Concen: 0.538 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.123 min
Lab File: VN084457.D
Acq: 22 Oct 2024 16:21

Tgt Ion: 43 Resp: 1444
Ion Ratio Lower Upper
43 100
58 194.7 31.6 47.4#

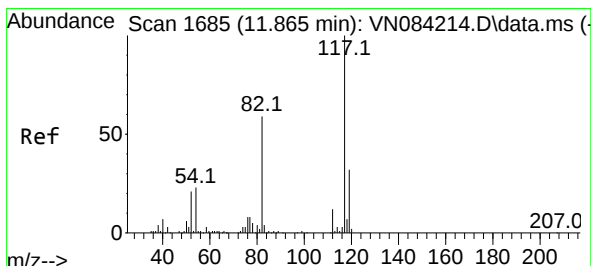
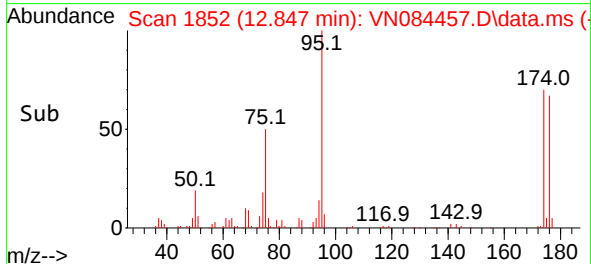
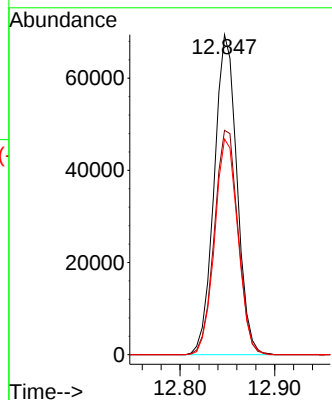
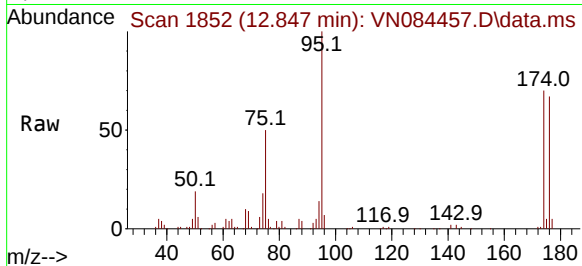




#62
4-Bromofluorobenzene
Concen: 45.811 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN084457.D
Acq: 22 Oct 2024 16:21

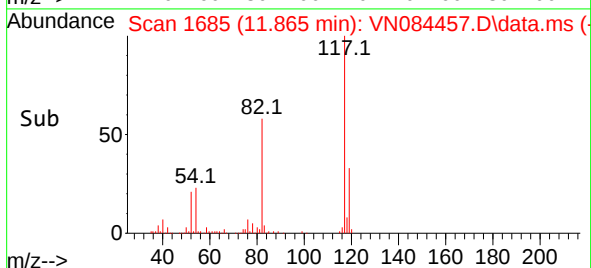
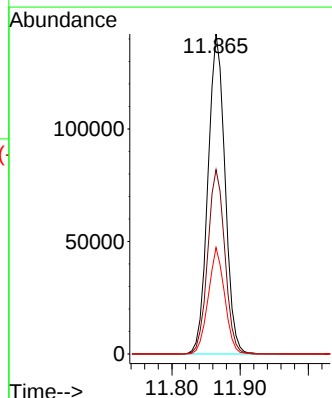
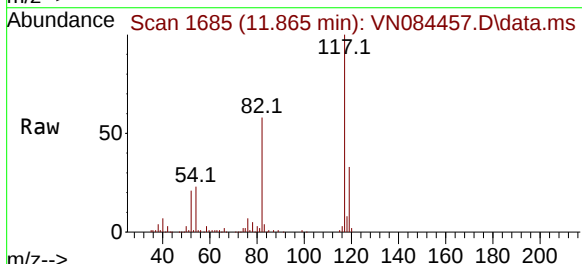
Instrument :
MSVOA_N
ClientSampleId :
IBLK

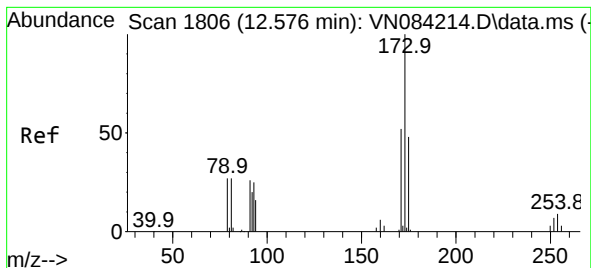
Tgt Ion: 95 Resp: 116070
Ion Ratio Lower Upper
95 100
174 73.1 0.0 145.2
176 69.1 0.0 140.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN084457.D
Acq: 22 Oct 2024 16:21

Tgt Ion: 117 Resp: 247265
Ion Ratio Lower Upper
117 100
82 57.6 47.2 70.8
119 33.2 25.4 38.0





#71

Bromoform

Concen: 0.592 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. 0.271 min

Lab File: VN084457.D

Acq: 22 Oct 2024 16:21

Instrument :

MSVOA_N

ClientSampleId :

IBLK

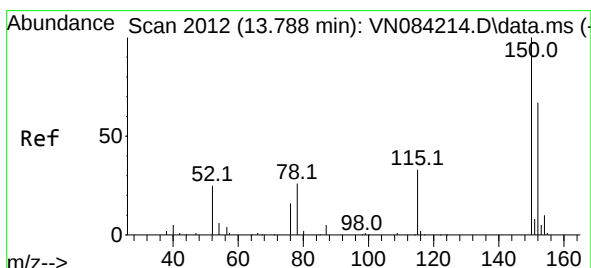
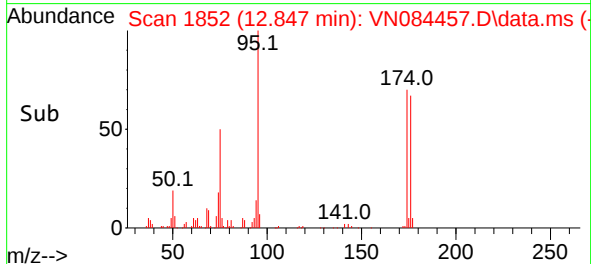
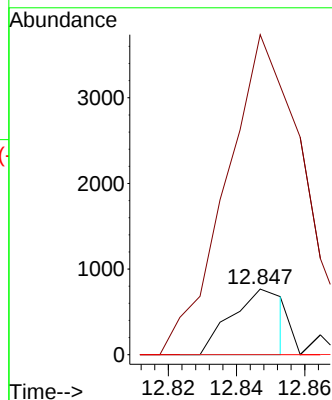
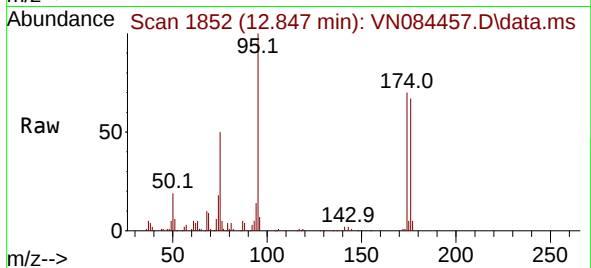
Tgt Ion:173 Resp: 823

Ion Ratio Lower Upper

173 100

175 532.7 23.5 70.6#

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: VN084457.D

Acq: 22 Oct 2024 16:21

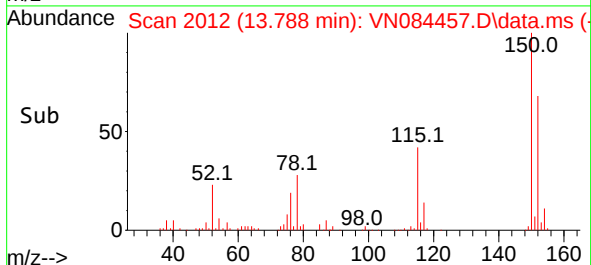
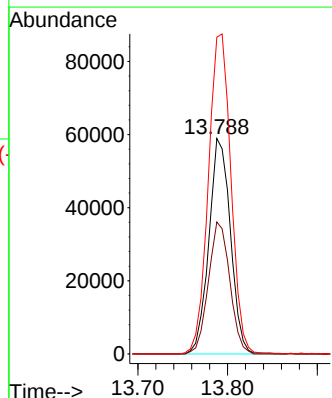
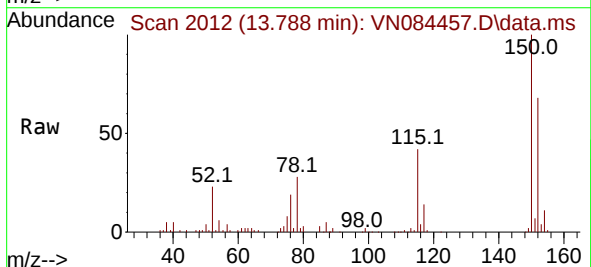
Tgt Ion:152 Resp: 98200

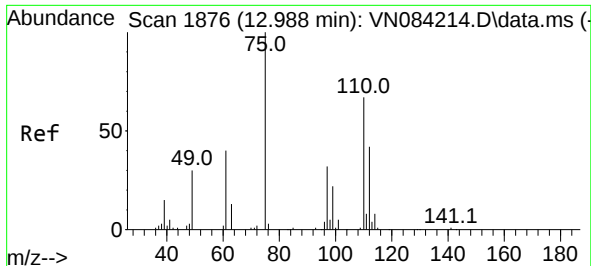
Ion Ratio Lower Upper

152 100

115 60.8 31.3 93.9

150 155.5 0.0 349.8

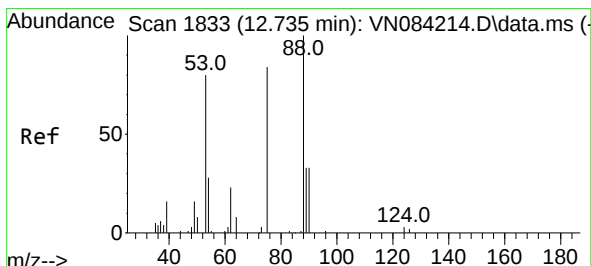
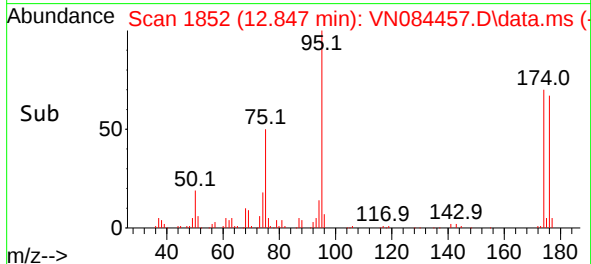
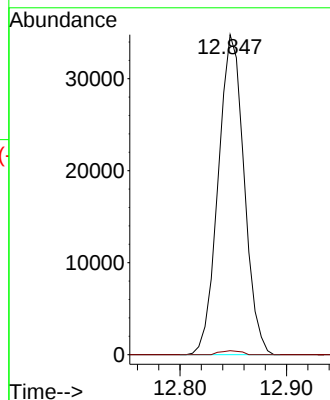
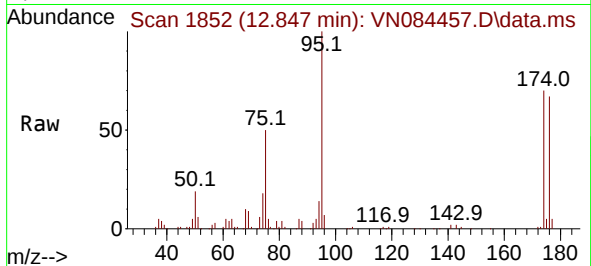




#76
1,2,3-Trichloropropane
Concen: 29.296 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.141 min
Lab File: VN084457.D
Acq: 22 Oct 2024 16:21

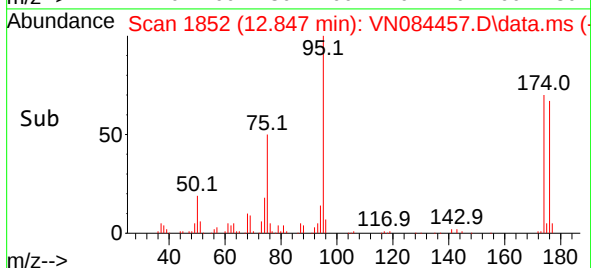
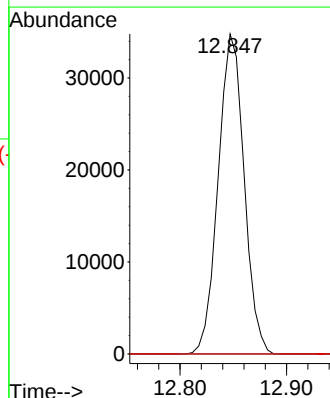
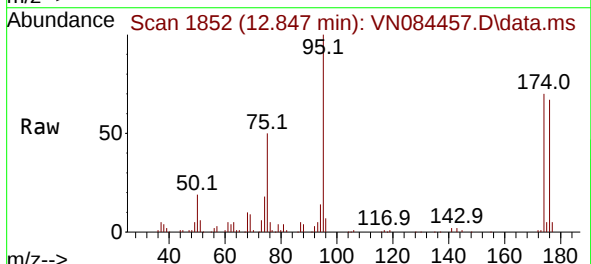
Instrument :
MSVOA_N
ClientSampleId :
IBLK

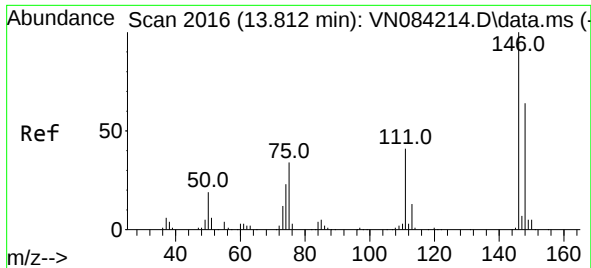
Tgt Ion: 75 Resp: 58733
Ion Ratio Lower Upper
75 100
77 1.0 96.9 290.7#



#81
trans-1,4-Dichloro-2-butene
Concen: 70.237 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.112 min
Lab File: VN084457.D
Acq: 22 Oct 2024 16:21

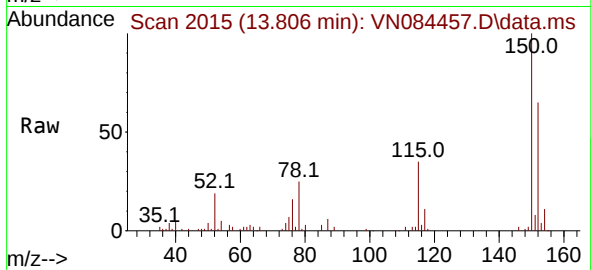
Tgt Ion: 75 Resp: 58733
Ion Ratio Lower Upper
75 100
53 0.0 78.0 117.0#
89 0.0 35.5 53.3#





#88
1,4-Dichlorobenzene
Concen: 0.298 ug/l
RT: 13.806 min Scan# 20
Delta R.T. -0.006 min
Lab File: VN084457.D
Acq: 22 Oct 2024 16:21

Instrument :
MSVOA_N
ClientSampleId :
IBLK



Tgt Ion	Ratio	Lower	Upper
146	100		
111	179.5	21.2	63.6#
148	86.0	31.9	95.9

