

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062724\
 Data File : VN082738.D
 Acq On : 28 Jun 2024 00:26
 Operator : JC\MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

Quant Time: Jun 28 06:03:34 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N062724W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 28 06:02:21 2024
 Response via : Initial Calibration

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

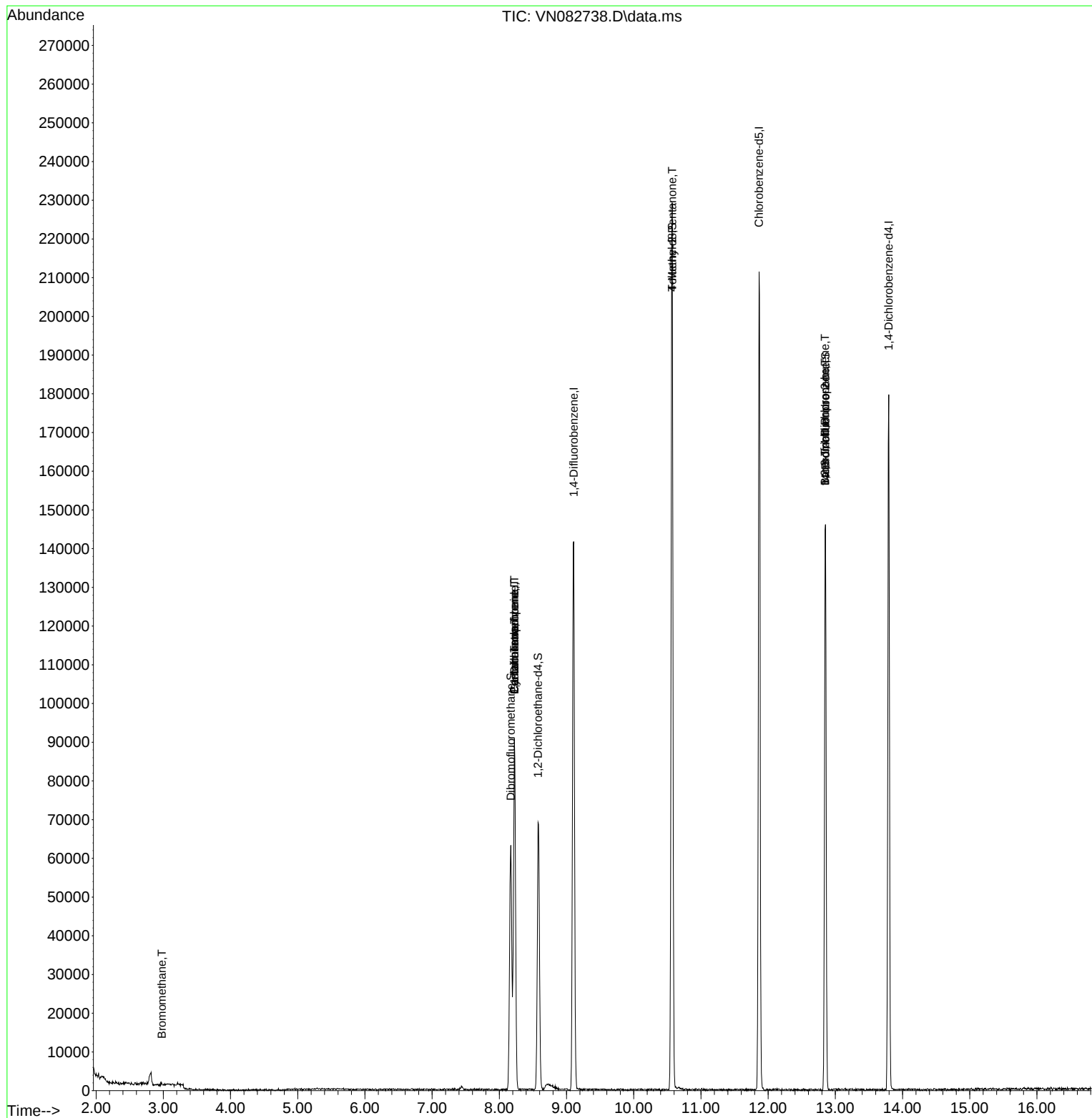
Internal Standards						
1) Pentafluorobenzene	8.224	168	61386	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	118861	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	118997	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	47421	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	57181	60.403	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 120.800%	
35) Dibromofluoromethane	8.171	113	45186	57.740	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 115.480%	
50) Toluene-d8	10.571	98	155675	53.192	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 106.380%	
62) 4-Bromofluorobenzene	12.853	95	48415	48.171	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	= 96.340%	
Target Compounds						
					Qvalue	
5) Bromomethane	2.977	94	290	0.392	ug/l #	1
31) Cyclohexane	8.224	56	1867	1.400	ug/l #	5
36) 1,1-Dichloropropene	8.224	75	5752	5.114	ug/l #	46
38) Carbon Tetrachloride	8.224	117	6935	5.271	ug/l #	17
43) Isopropyl Acetate	8.689	43	566	Below Cal	#	60
51) 4-Methyl-2-Pentanone	10.571	43	618	0.497	ug/l #	1
71) Bromoform	12.847	173	319	0.440	ug/l #	1
76) 1,2,3-Trichloropropane	12.847	75	27967	27.038	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	27967	70.512	ug/l #	6

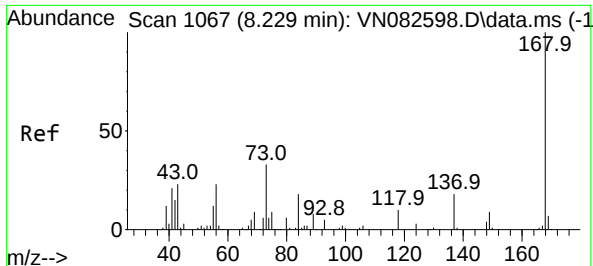
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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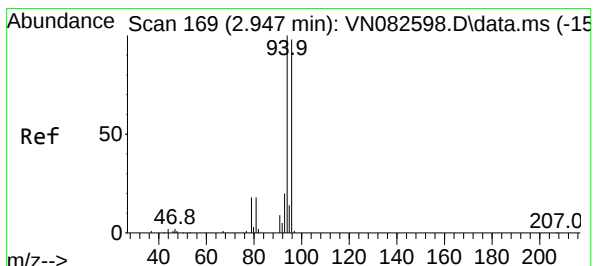
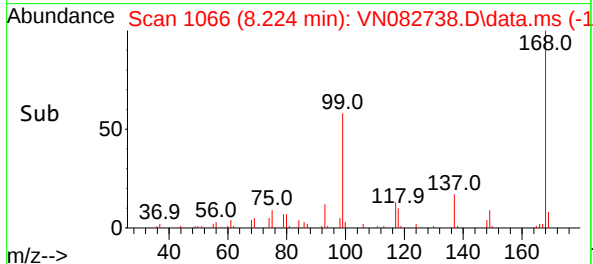
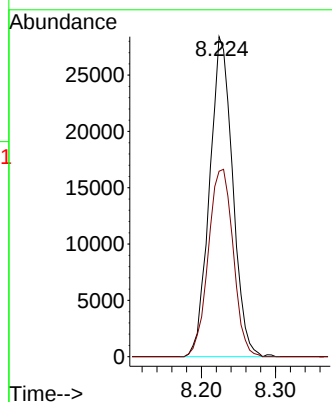
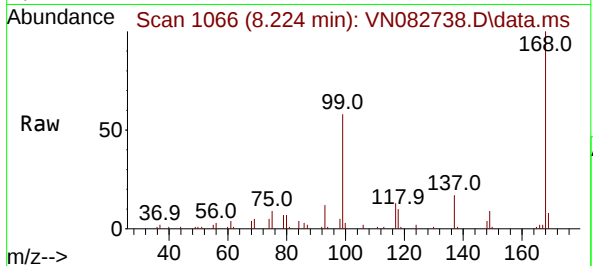




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 11
Delta R.T. -0.005 min
Lab File: VN082738.D
Acq: 28 Jun 2024 00:26

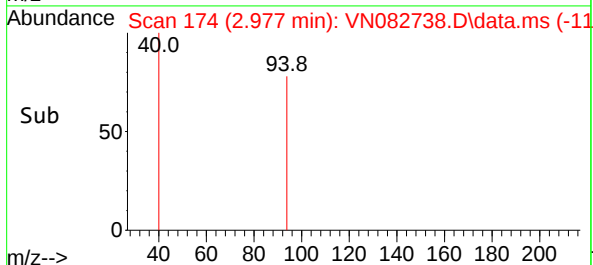
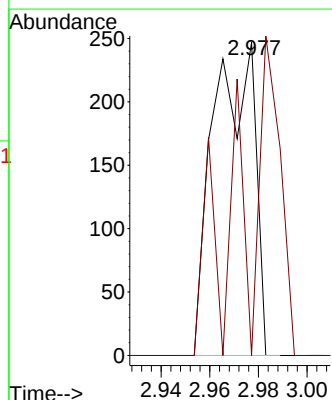
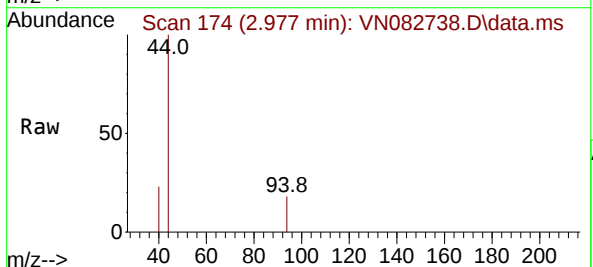
Instrument :
MSVOA_N
ClientSampleId :
IBLK

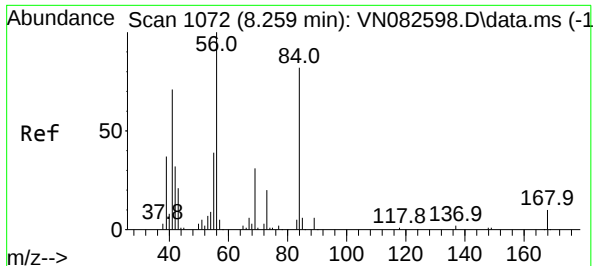
Tgt Ion:168 Resp: 61386
Ion Ratio Lower Upper
168 100
99 58.0 48.2 72.4



#5
Bromomethane
Concen: 0.392 ug/l
RT: 2.977 min Scan# 174
Delta R.T. 0.030 min
Lab File: VN082738.D
Acq: 28 Jun 2024 00:26

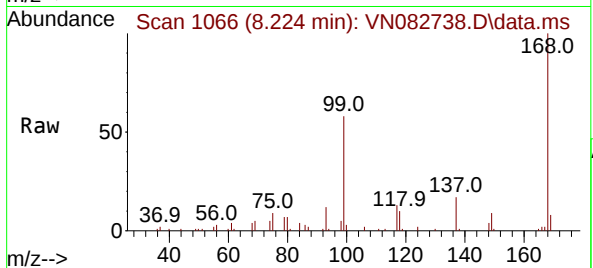
Tgt Ion: 94 Resp: 290
Ion Ratio Lower Upper
94 100
96 0.0 78.0 117.0#



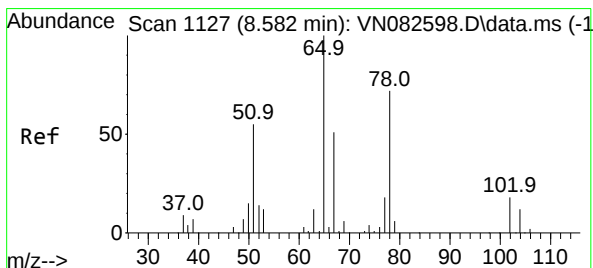
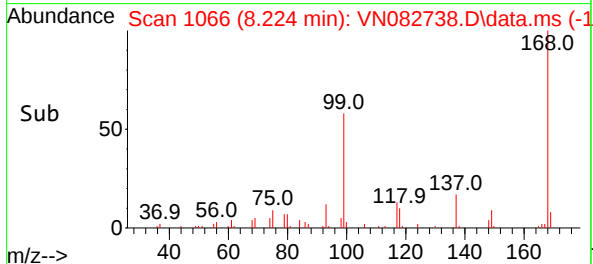
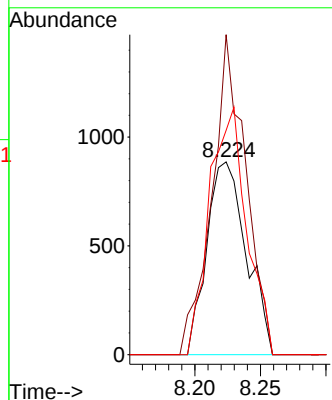


#31
Cyclohexane
Concen: 1.400 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.035 min
Lab File: VN082738.D
Acq: 28 Jun 2024 00:26

Instrument :
MSVOA_N
ClientSampleId :
IBLK

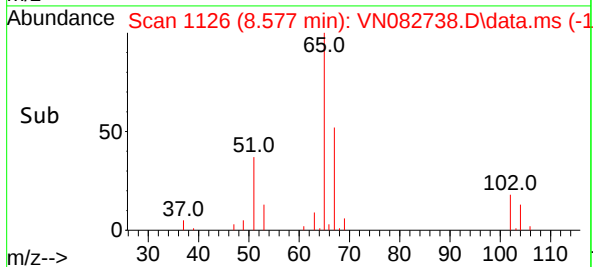
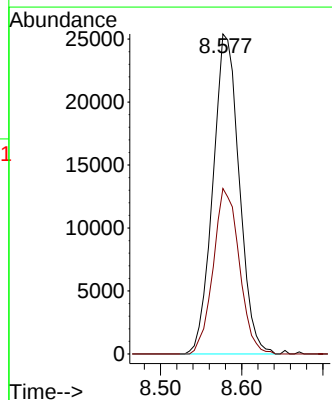
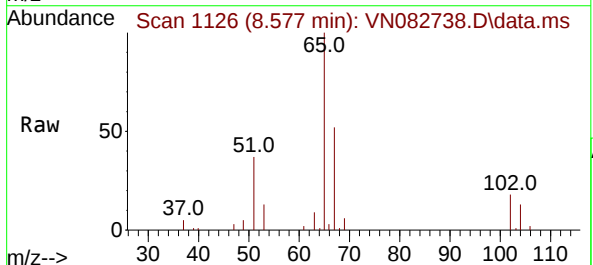


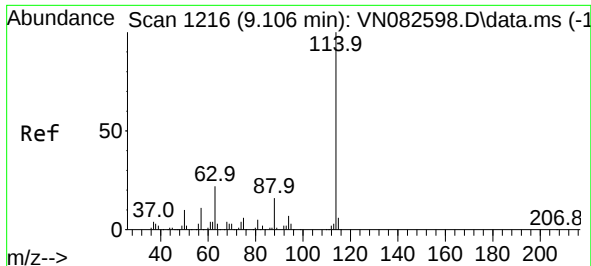
Tgt Ion: 56 Resp: 1867
Ion Ratio Lower Upper
56 100
69 166.0 24.5 36.7#
84 116.4 66.0 99.0#



#33
1,2-Dichloroethane-d4
Concen: 60.403 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.005 min
Lab File: VN082738.D
Acq: 28 Jun 2024 00:26

Tgt Ion: 65 Resp: 57181
Ion Ratio Lower Upper
65 100
67 51.2 0.0 104.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN082738.D

Acq: 28 Jun 2024 00:26

Instrument :

MSVOA_N

ClientSampleId :

IBLK

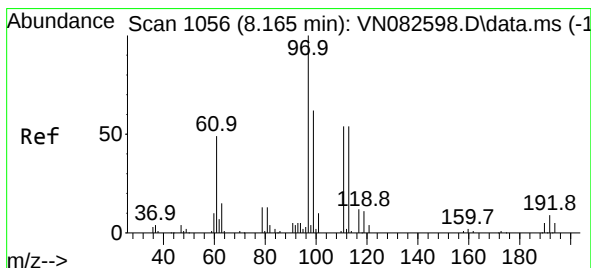
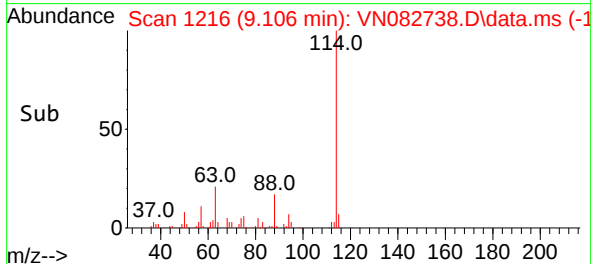
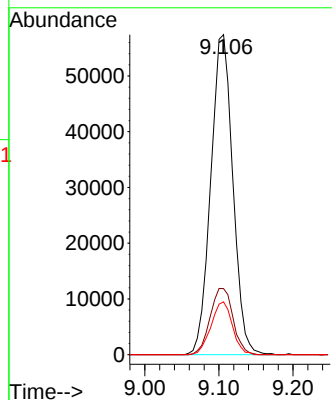
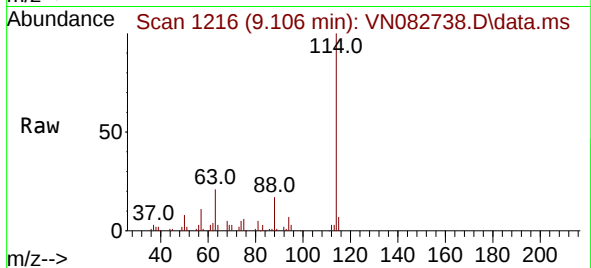
Tgt Ion:114 Resp: 118861

Ion Ratio Lower Upper

114 100

63 20.6 0.0 44.6

88 16.5 0.0 31.4



#35

Dibromofluoromethane

Concen: 57.740 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. 0.006 min

Lab File: VN082738.D

Acq: 28 Jun 2024 00:26

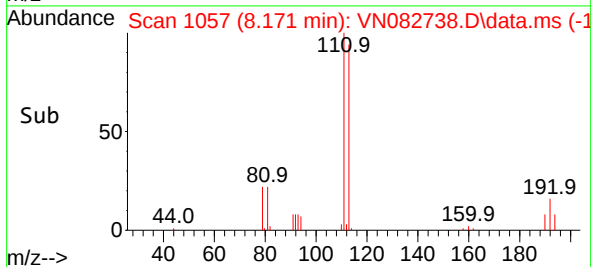
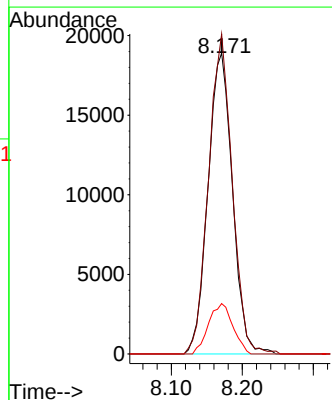
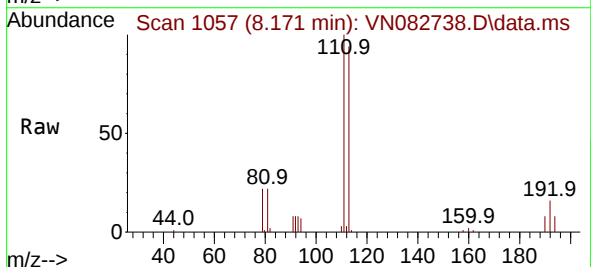
Tgt Ion:113 Resp: 45186

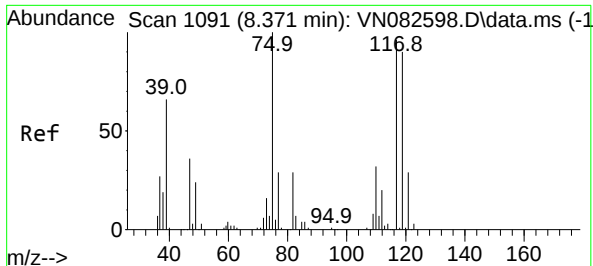
Ion Ratio Lower Upper

113 100

111 103.0 82.4 123.6

192 16.7 14.9 22.3





#36

1,1-Dichloropropene

Concen: 5.114 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.147 min

Lab File: VN082738.D

Acq: 28 Jun 2024 00:26

Instrument :

MSVOA_N

ClientSampleId :

IBLK

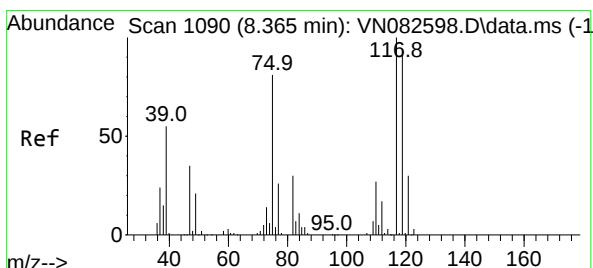
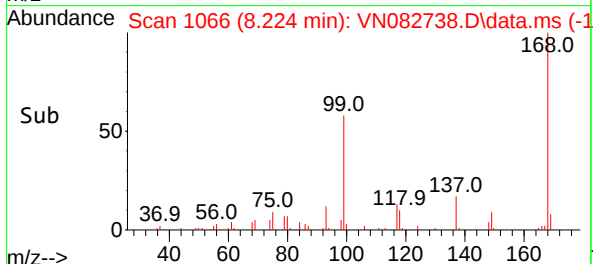
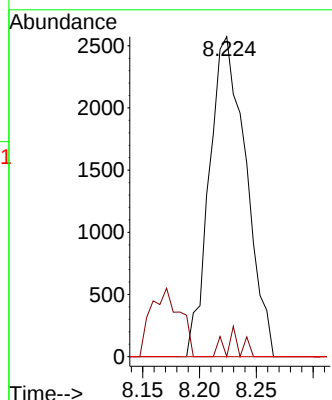
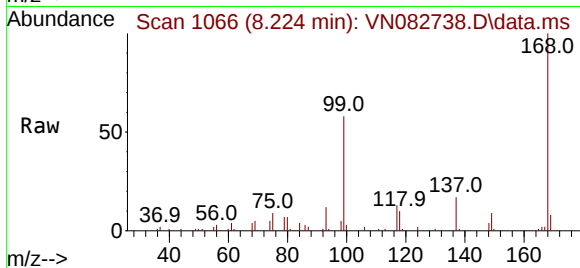
Tgt Ion: 75 Resp: 5752

Ion Ratio Lower Upper

75 100

110 3.5 16.3 48.9#

77 0.0 24.6 37.0#



#38

Carbon Tetrachloride

Concen: 5.271 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.141 min

Lab File: VN082738.D

Acq: 28 Jun 2024 00:26

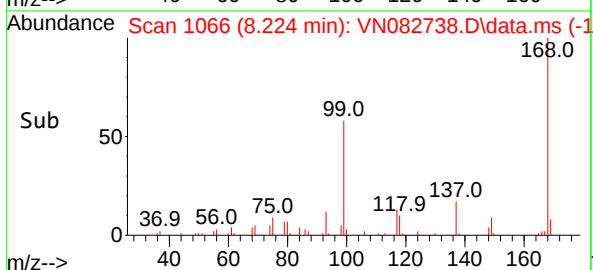
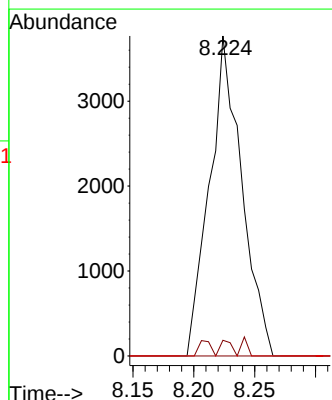
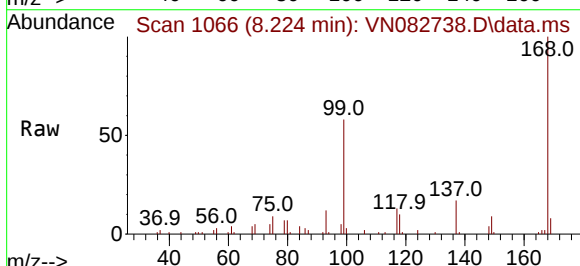
Tgt Ion: 117 Resp: 6935

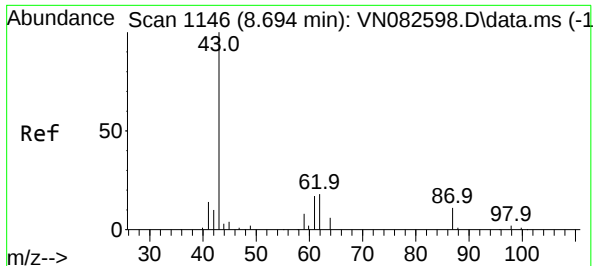
Ion Ratio Lower Upper

117 100

119 4.9 74.9 112.3#

121 0.0 24.3 36.5#





#43

Isopropyl Acetate

Concen: Below Cal

RT: 8.689 min Scan# 1145

Delta R.T. -0.005 min

Lab File: VN082738.D

Acq: 28 Jun 2024 00:26

Instrument :

MSVOA_N

ClientSampleId :

IBLK

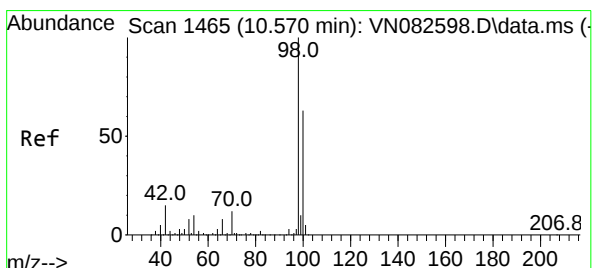
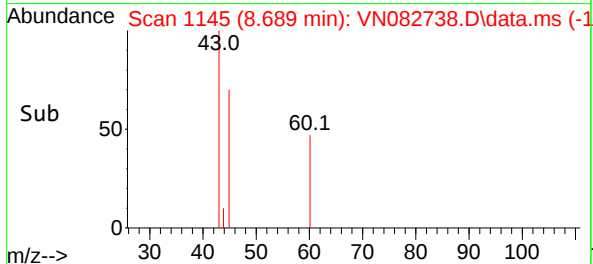
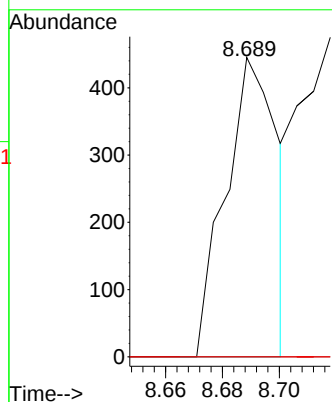
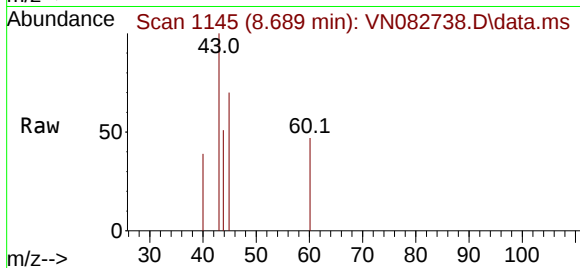
Tgt Ion: 43 Resp: 566

Ion Ratio Lower Upper

43 100

61 0.0 17.8 26.6#

87 0.0 8.2 12.2#



#50

Toluene-d8

Concen: 53.192 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. 0.001 min

Lab File: VN082738.D

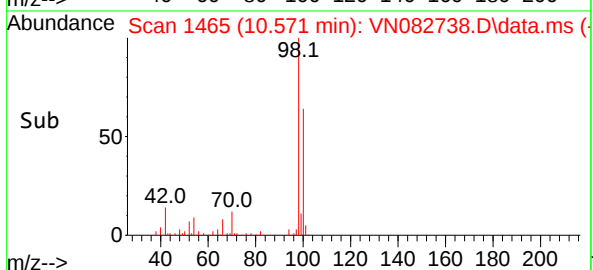
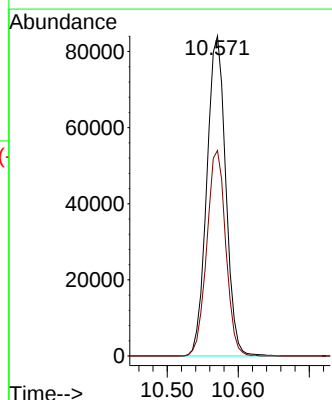
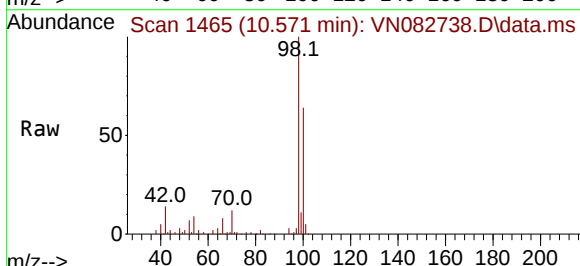
Acq: 28 Jun 2024 00:26

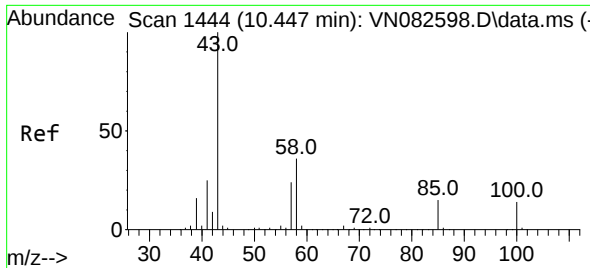
Tgt Ion: 98 Resp: 155675

Ion Ratio Lower Upper

98 100

100 64.2 51.5 77.3

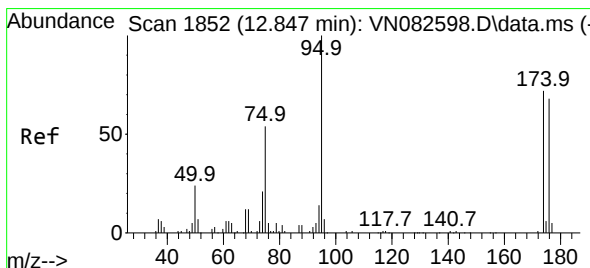
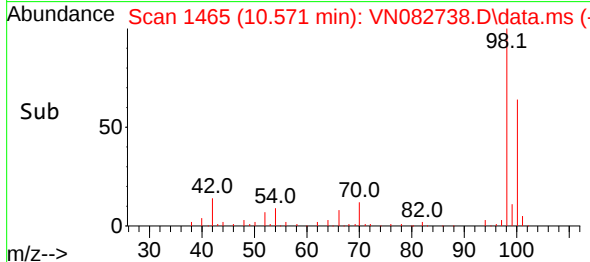
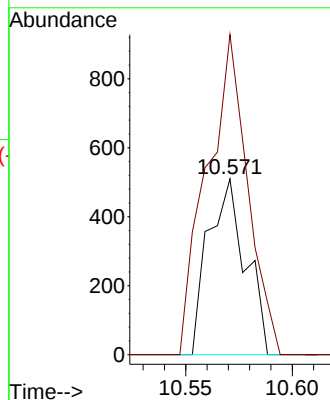
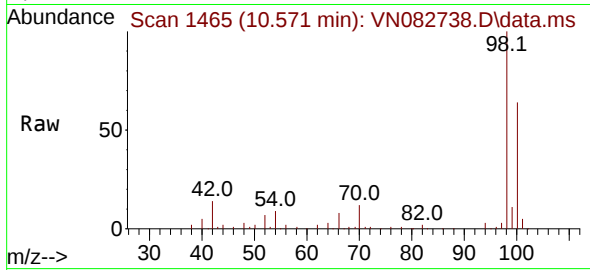




#51
4-Methyl-2-Pentanone
Concen: 0.497 ug/l
RT: 10.571 min Scan# 1444
Delta R.T. 0.124 min
Lab File: VN082738.D
Acq: 28 Jun 2024 00:26

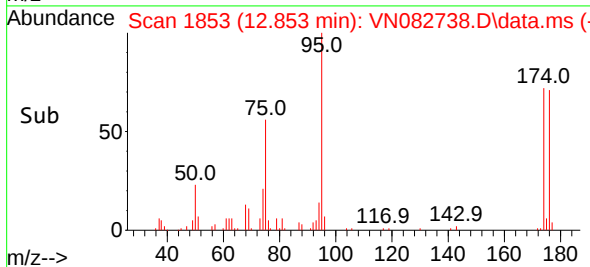
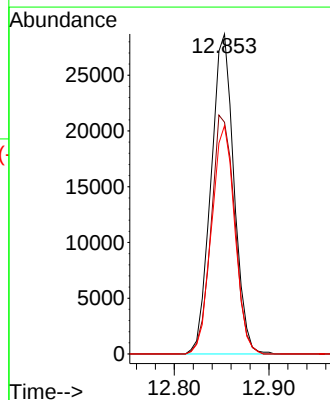
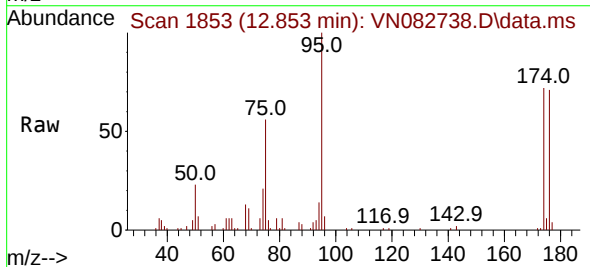
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IBLK

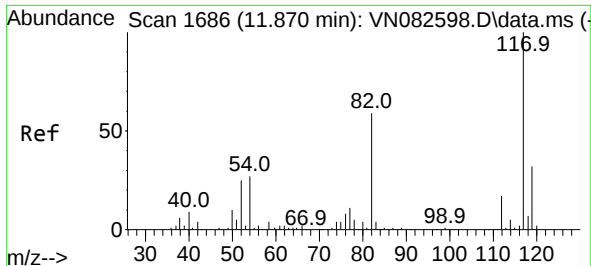
Tgt Ion: 43 Resp: 618
Ion Ratio Lower Upper
43 100
58 199.7 28.2 42.4#



#62
4-Bromofluorobenzene
Concen: 48.171 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN082738.D
Acq: 28 Jun 2024 00:26

Tgt Ion: 95 Resp: 48415
Ion Ratio Lower Upper
95 100
174 76.3 0.0 159.2
176 72.2 0.0 147.6

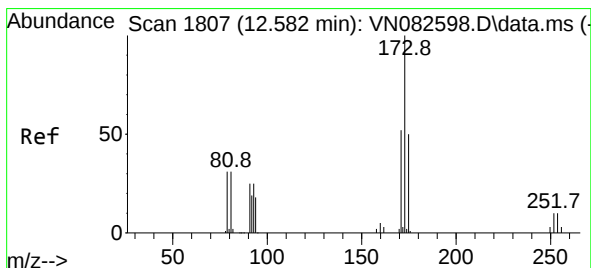
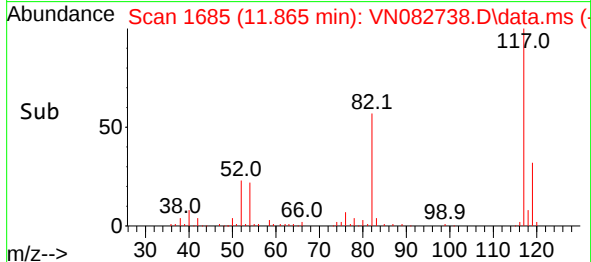
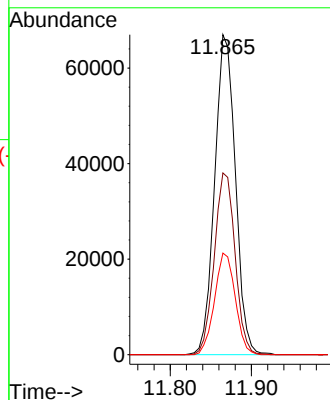
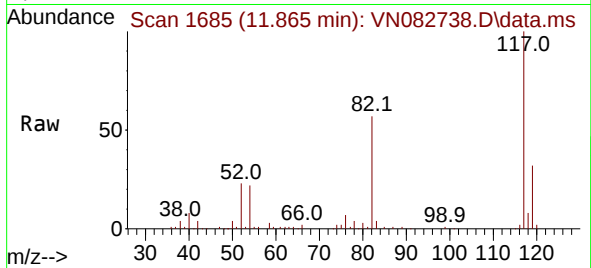




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 118997
Delta R.T. -0.005 min
Lab File: VN082738.D
Acq: 28 Jun 2024 00:26

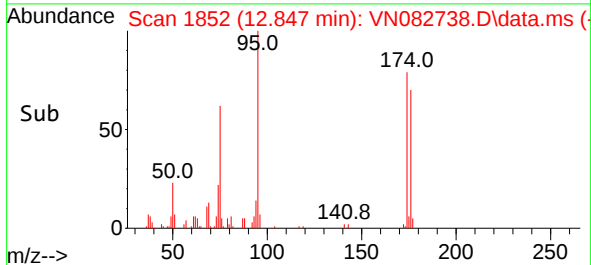
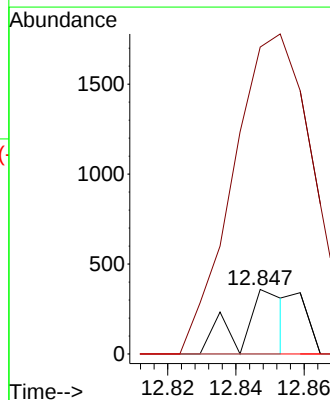
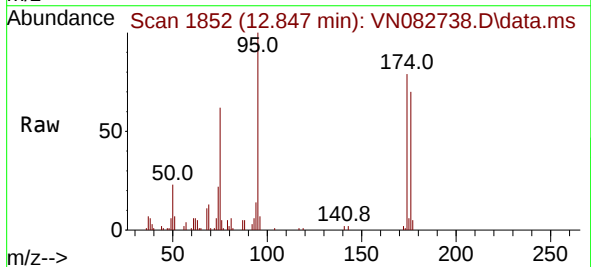
Instrument :
MSVOA_N
ClientSampleId :
IBLK

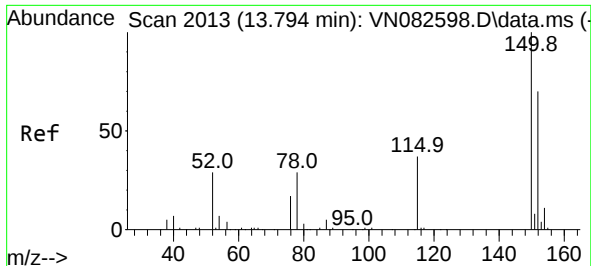
Tgt Ion:	117	Resp:	118997
Ion	Ratio	Lower	Upper
117	100		
82	56.8	47.5	71.3
119	31.8	25.6	38.4



#71
Bromoform
Concen: 0.440 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.265 min
Lab File: VN082738.D
Acq: 28 Jun 2024 00:26

Tgt Ion:	173	Resp:	319
Ion	Ratio	Lower	Upper
173	100		
175	781.5	24.0	72.0#
254	0.0	0.0	0.0

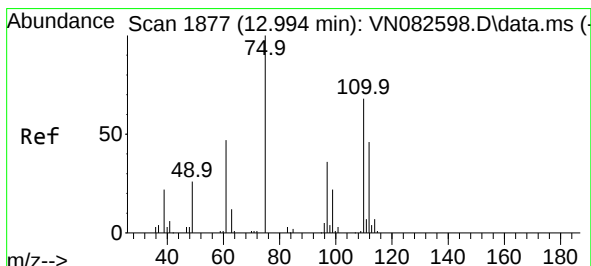
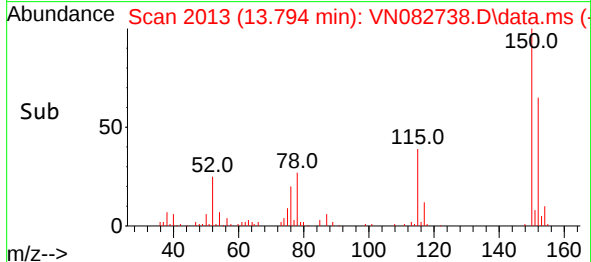
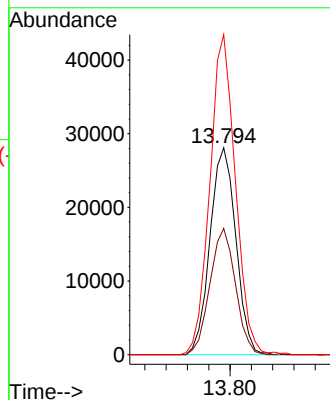
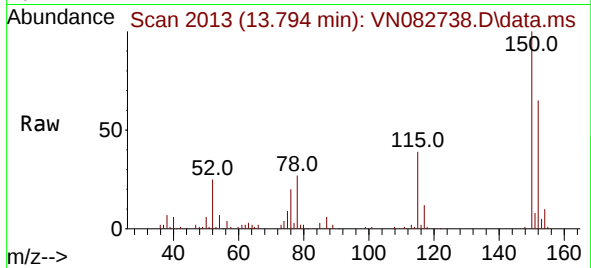




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VN082738.D
 Acq: 28 Jun 2024 00:26

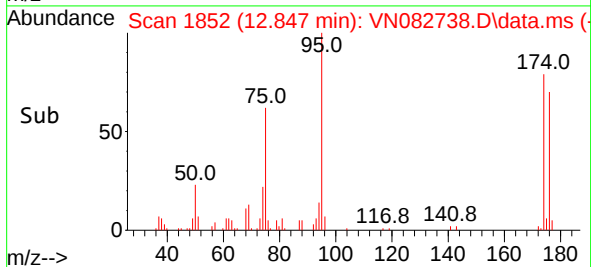
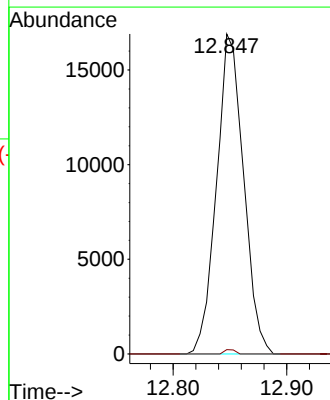
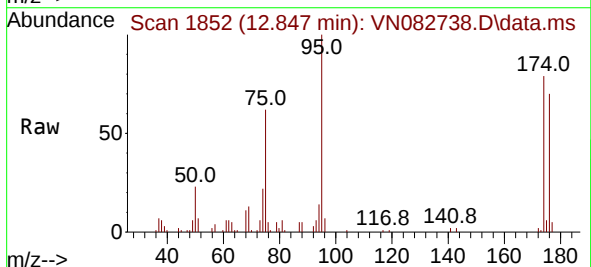
Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

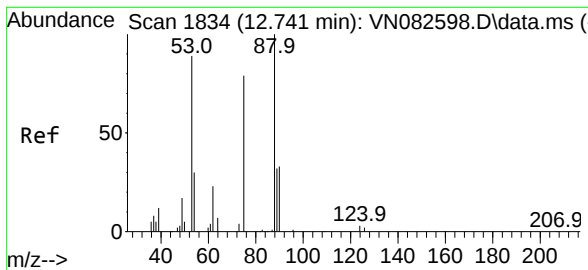
Tgt Ion:152 Resp: 47421
 Ion Ratio Lower Upper
 152 100
 115 60.1 30.6 91.6
 150 152.7 0.0 348.6



#76
 1,2,3-Trichloropropane
 Concen: 27.038 ug/l
 RT: 12.847 min Scan# 1852
 Delta R.T. -0.147 min
 Lab File: VN082738.D
 Acq: 28 Jun 2024 00:26

Tgt Ion: 75 Resp: 27967
 Ion Ratio Lower Upper
 75 100
 77 0.6 110.9 332.6#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 70.512 ug/l
 RT: 12.847 min Scan# 11
 Delta R.T. 0.106 min
 Lab File: VN082738.D
 Acq: 28 Jun 2024 00:26

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

Tgt Ion: 75 Resp: 27967
 Ion Ratio Lower Upper
 75 100
 53 0.0 88.4 132.6#
 89 0.0 36.3 54.5#

