

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092324\
 Data File : VN084098.D
 Acq On : 23 Sep 2024 10:07
 Operator : JC\MD
 Sample : VN0923WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Sep 24 01:27:35 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091024W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 11 15:18:56 2024
 Response via : Initial Calibration

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

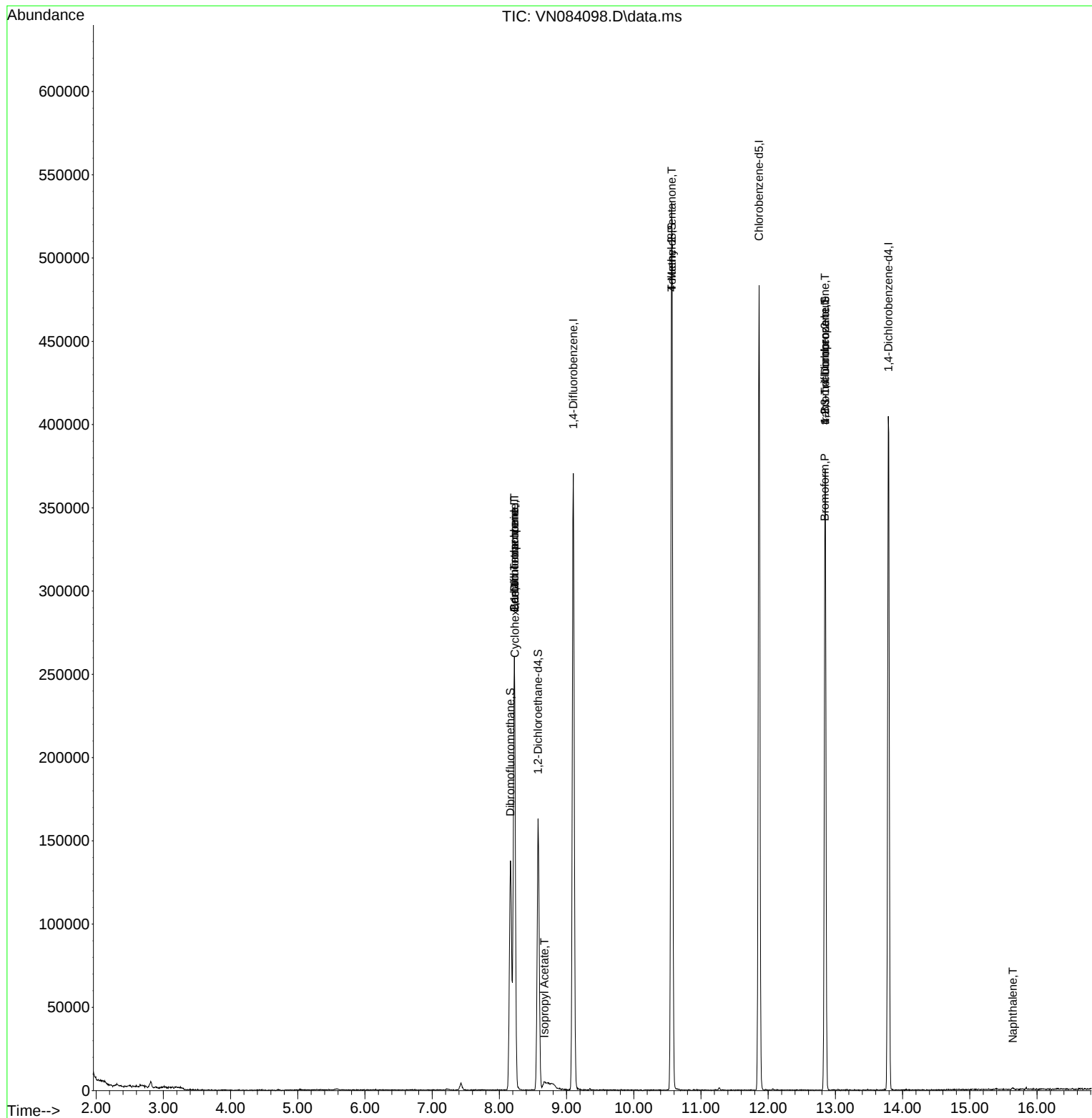
Internal Standards						
1) Pentafluorobenzene	8.224	168	175531	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	304776	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	258041	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	105851	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	133229	50.337	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	= 100.680%		
35) Dibromofluoromethane	8.165	113	99082	50.782	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 101.560%		
50) Toluene-d8	10.565	98	362159	53.691	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	= 107.380%		
62) 4-Bromofluorobenzene	12.847	95	129090	46.387	ug/l	0.00
Spiked Amount	50.000	Range 77 - 121	Recovery	= 92.780%		
Target Compounds						
					Qvalue	
3) Chloromethane	2.359	50	288	Below Cal	#	41
18) Methyl Acetate	5.030	43	102	Below Cal	#	52
31) Cyclohexane	8.230	56	4414	1.154	ug/l #	23
36) 1,1-Dichloropropene	8.224	75	16092	5.480	ug/l #	50
38) Carbon Tetrachloride	8.224	117	20598	6.182	ug/l #	18
43) Isopropyl Acetate	8.671	43	3222	0.667	ug/l #	57
51) 4-Methyl-2-Pentanone	10.565	43	1623	0.617	ug/l #	1
71) Bromoform	12.841	173	396	0.296	ug/l #	1
76) 1,2,3-Trichloropropane	12.847	75	72198	33.803	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	72198	88.532	ug/l #	9
95) Naphthalene	15.641	128	1358	0.232	ug/l #	69

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

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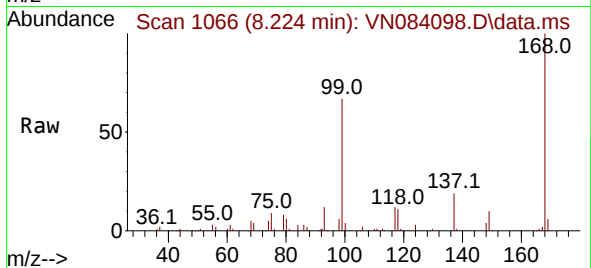
Quant Time: Sep 24 01:27:35 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091024W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 11 15:18:56 2024
Response via : Initial Calibration



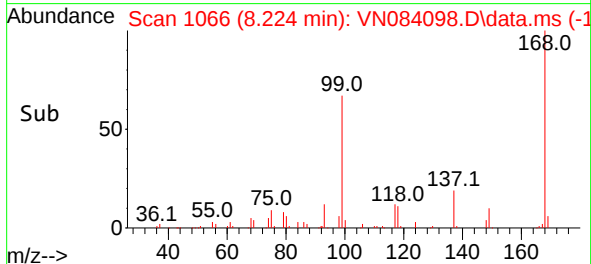
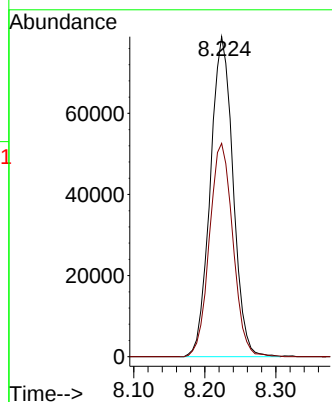


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN084098.D
Acq: 23 Sep 2024 10:07

Instrument :
MSVOA_N
ClientSampleId :

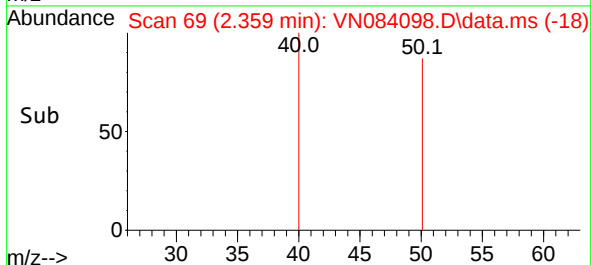
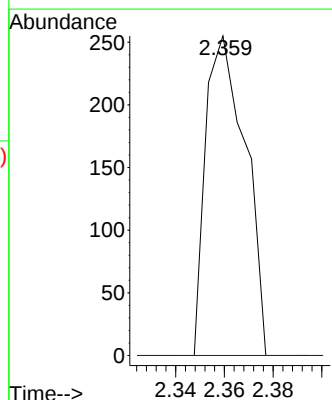
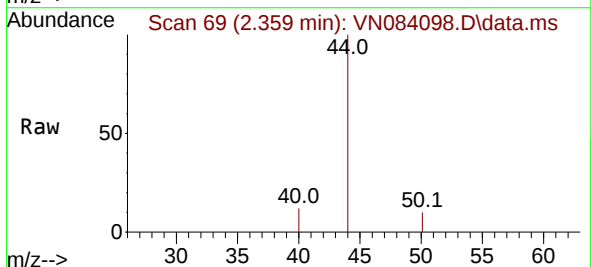


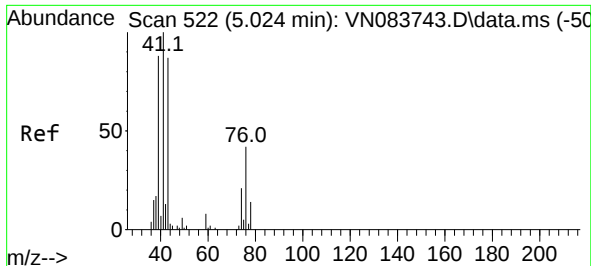
Tgt Ion:168 Resp: 175531
Ion Ratio Lower Upper
168 100
99 66.7 54.2 81.2



#3
Chloromethane
Concen: Below Cal
RT: 2.359 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN084098.D
Acq: 23 Sep 2024 10:07

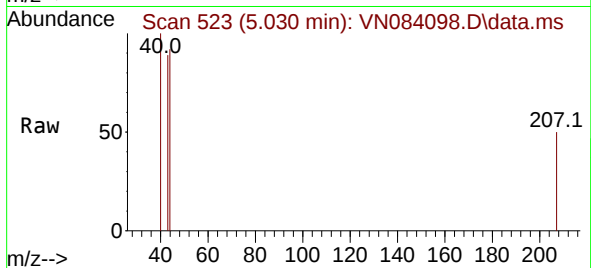
Tgt Ion: 50 Resp: 288
Ion Ratio Lower Upper
50 100
52 0.0 27.2 40.8#



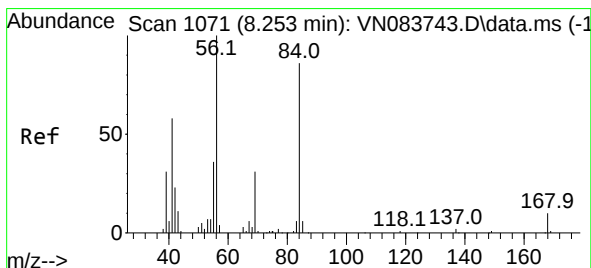
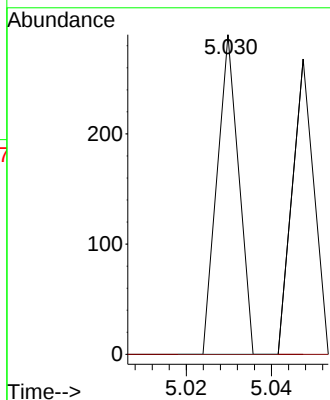
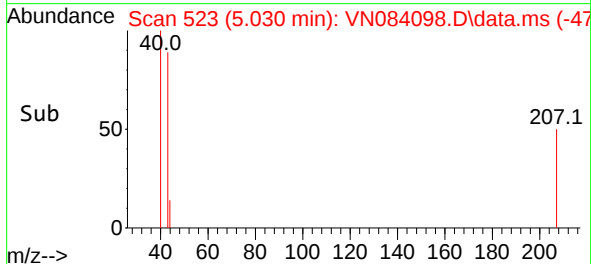


#18
Methyl Acetate
Concen: Below Cal
RT: 5.030 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN084098.D
Acq: 23 Sep 2024 10:07

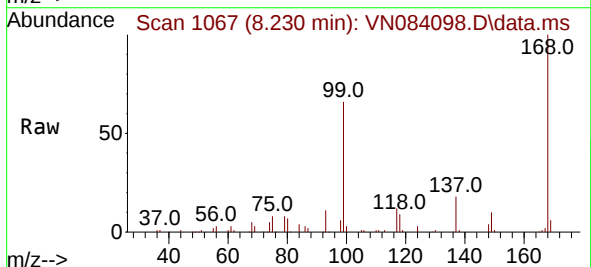
Instrument :
MSVOA_N
ClientSampleId :



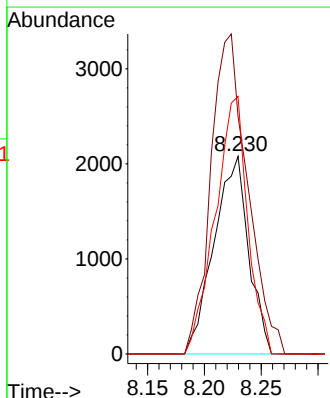
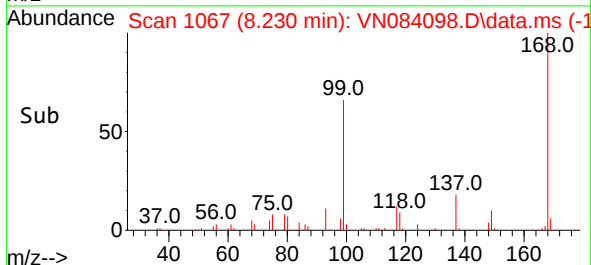
Tgt Ion: 43 Resp: 102
Ion Ratio Lower Upper
43 100
74 0.0 19.0 28.4#

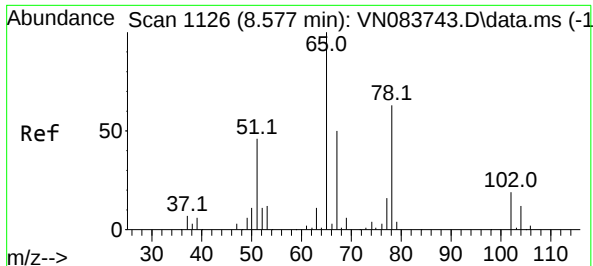


#31
Cyclohexane
Concen: 1.154 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.024 min
Lab File: VN084098.D
Acq: 23 Sep 2024 10:07



Tgt Ion: 56 Resp: 4414
Ion Ratio Lower Upper
56 100
69 120.2 26.9 40.3#
84 130.3 69.2 103.8#





#33

1,2-Dichloroethane-d4

Concen: 50.337 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VN084098.D

Acq: 23 Sep 2024 10:07

Instrument :

MSVOA_N

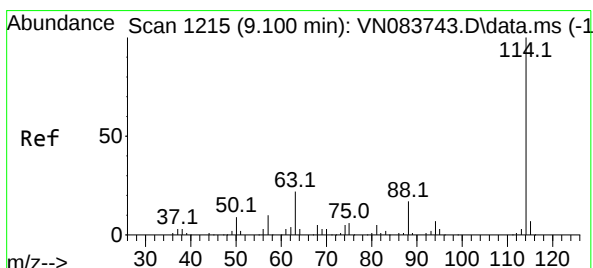
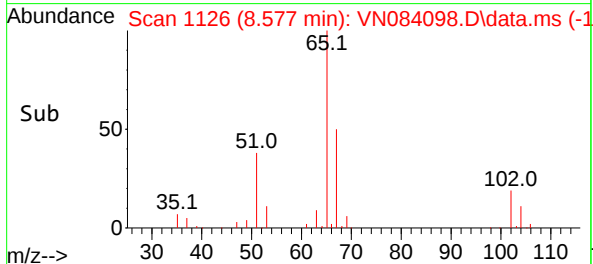
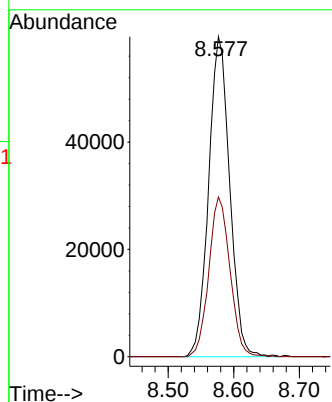
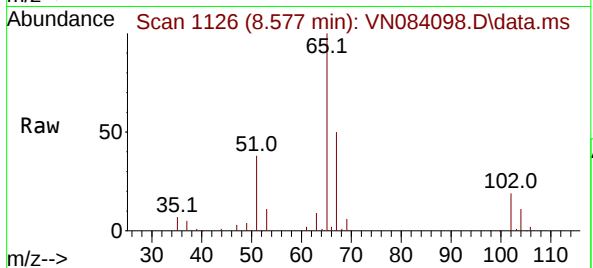
ClientSampleId :

Tgt Ion: 65 Resp: 133229

Ion Ratio Lower Upper

65 100

67 50.0 0.0 100.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. -0.000 min

Lab File: VN084098.D

Acq: 23 Sep 2024 10:07

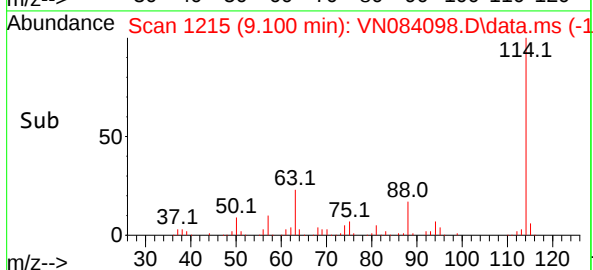
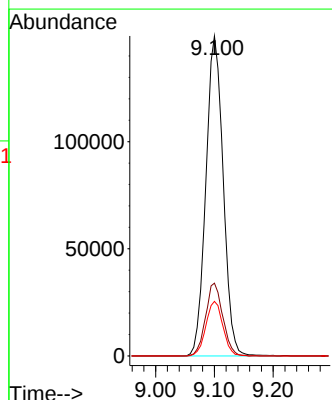
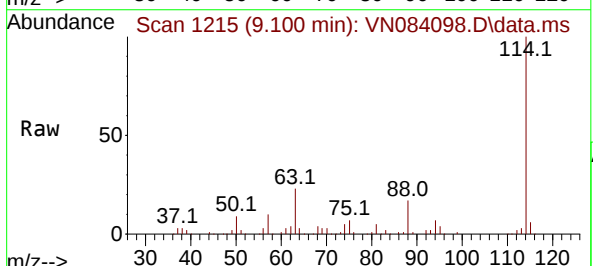
Tgt Ion: 114 Resp: 304776

Ion Ratio Lower Upper

114 100

63 22.8 0.0 43.4

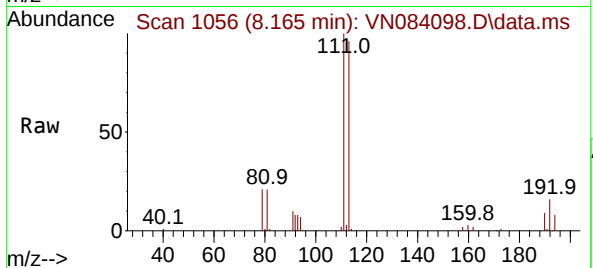
88 17.1 0.0 32.6



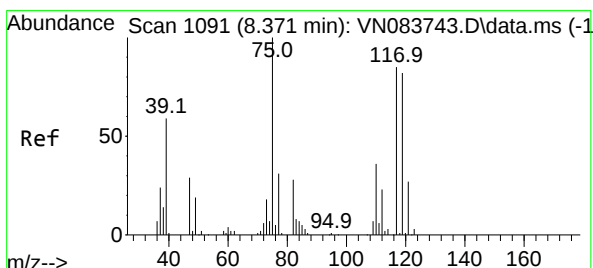
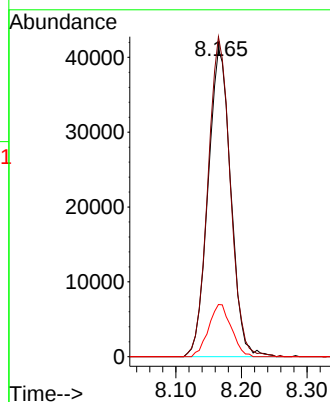
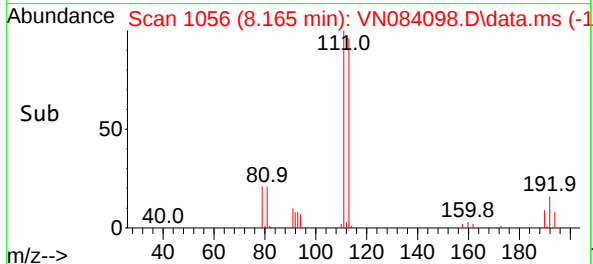


#35
Dibromofluoromethane
Concen: 50.782 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN084098.D
Acq: 23 Sep 2024 10:07

Instrument :
MSVOA_N
ClientSampleId :

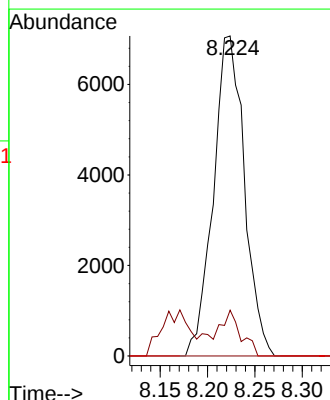
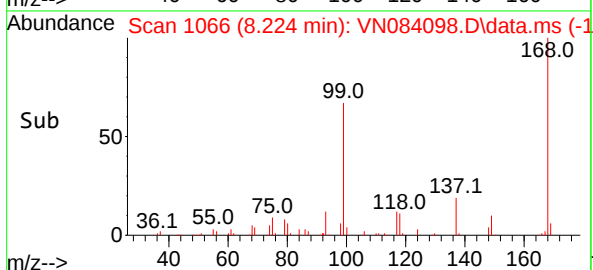
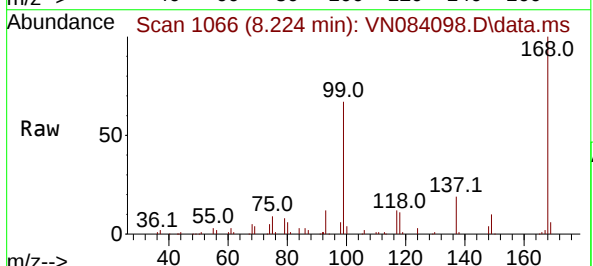


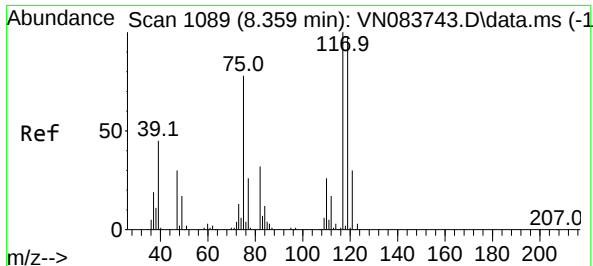
Tgt Ion:113 Resp: 99082
Ion Ratio Lower Upper
113 100
111 102.2 82.6 124.0
192 16.9 14.3 21.5



#36
1,1-Dichloropropene
Concen: 5.480 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.147 min
Lab File: VN084098.D
Acq: 23 Sep 2024 10:07

Tgt Ion: 75 Resp: 16092
Ion Ratio Lower Upper
75 100
110 9.2 16.7 50.1#
77 0.0 25.2 37.8#





#38

Carbon Tetrachloride

Concen: 6.182 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.135 min

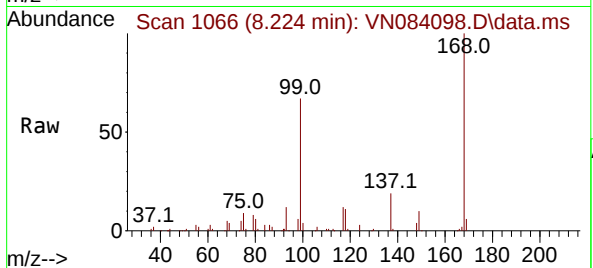
Lab File: VN084098.D

Acq: 23 Sep 2024 10:07

Instrument :

MSVOA_N

ClientSampleId :



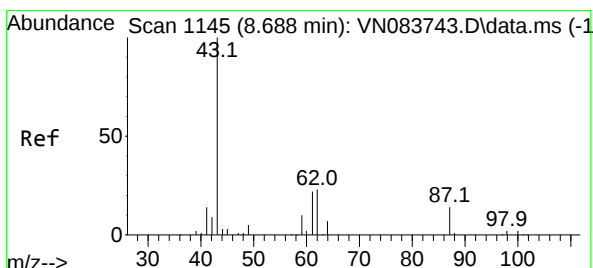
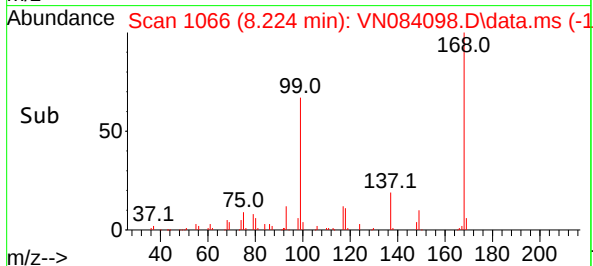
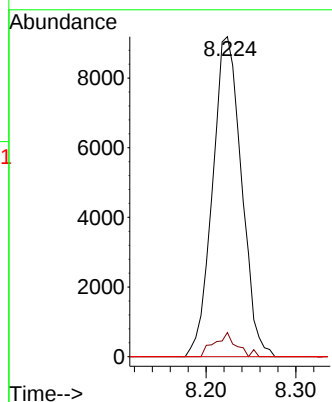
Tgt Ion:117 Resp: 20598

Ion Ratio Lower Upper

117 100

119 7.6 76.1 114.1#

121 0.0 24.1 36.1#



#43

Isopropyl Acetate

Concen: 0.667 ug/l

RT: 8.671 min Scan# 1142

Delta R.T. -0.018 min

Lab File: VN084098.D

Acq: 23 Sep 2024 10:07

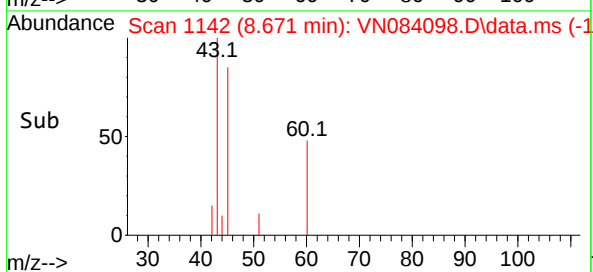
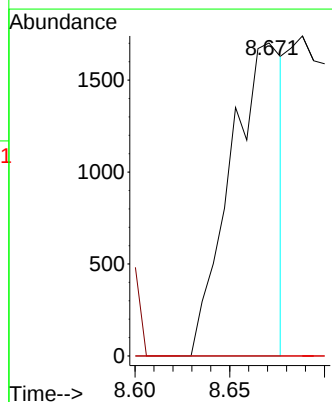
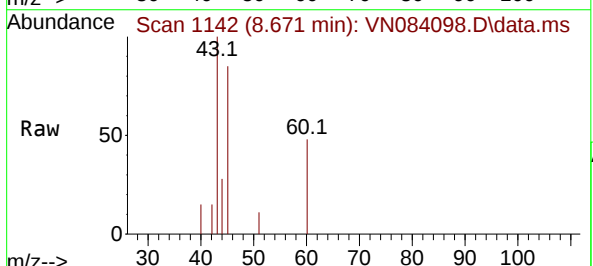
Tgt Ion: 43 Resp: 3222

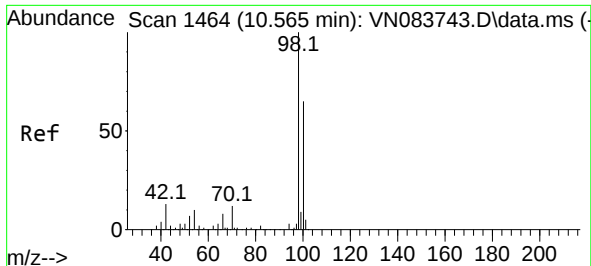
Ion Ratio Lower Upper

43 100

61 0.0 19.4 29.0#

87 0.0 9.8 14.6#

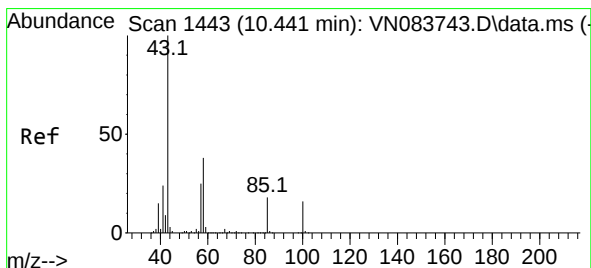
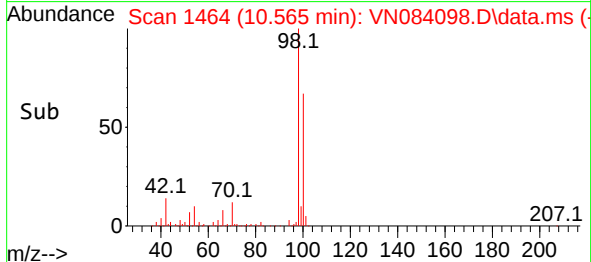
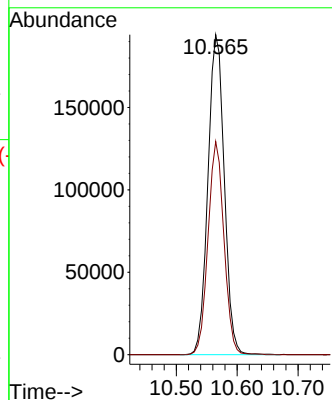
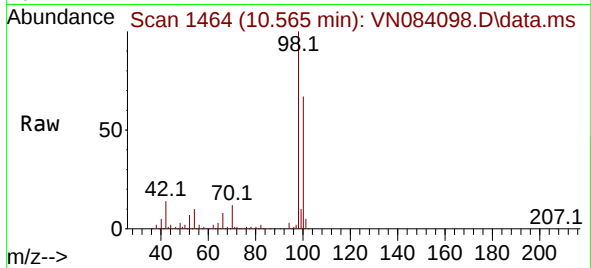




#50
Toluene-d8
Concen: 53.691 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN084098.D
Acq: 23 Sep 2024 10:07

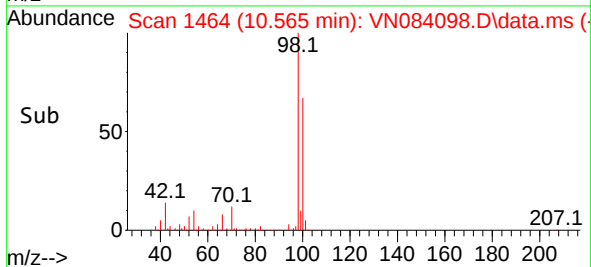
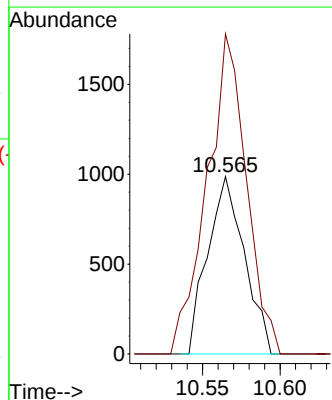
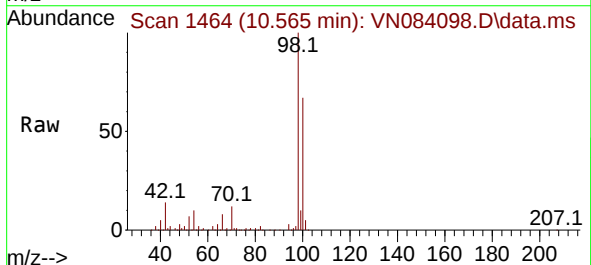
Instrument :
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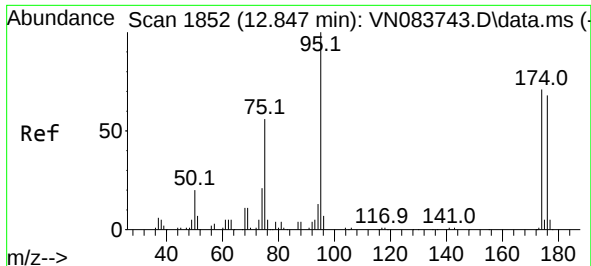
Tgt Ion: 98 Resp: 362159
Ion Ratio Lower Upper
98 100
100 64.8 52.0 78.0



#51
4-Methyl-2-Pentanone
Concen: 0.617 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.124 min
Lab File: VN084098.D
Acq: 23 Sep 2024 10:07

Tgt Ion: 43 Resp: 1623
Ion Ratio Lower Upper
43 100
58 193.5 31.6 47.4#

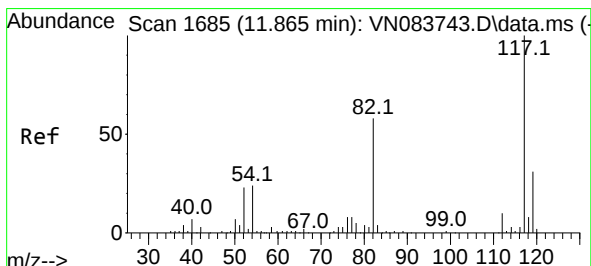
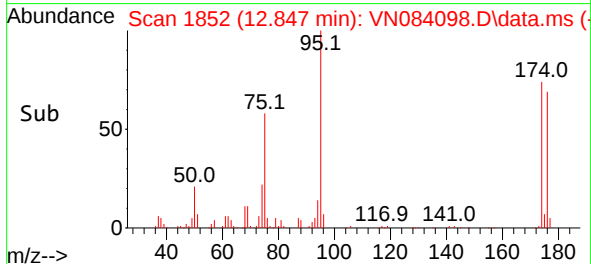
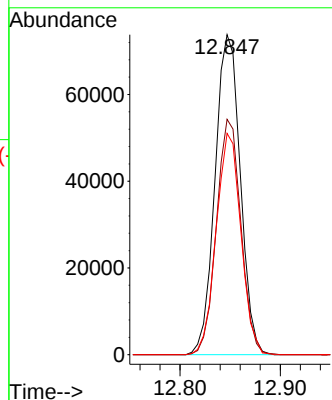
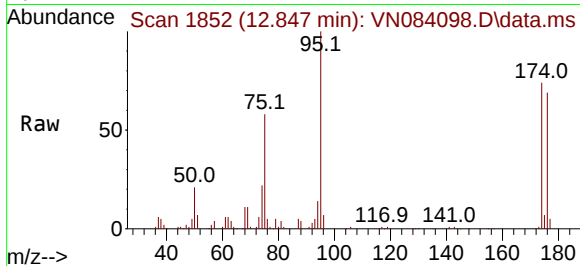




#62
4-Bromofluorobenzene
Concen: 46.387 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN084098.D
Acq: 23 Sep 2024 10:07

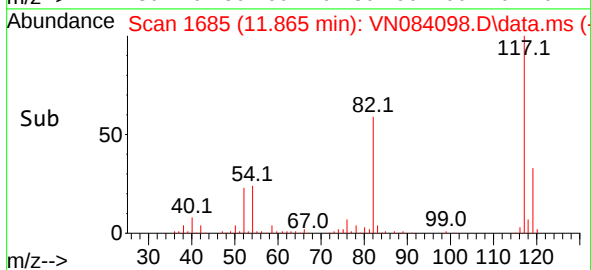
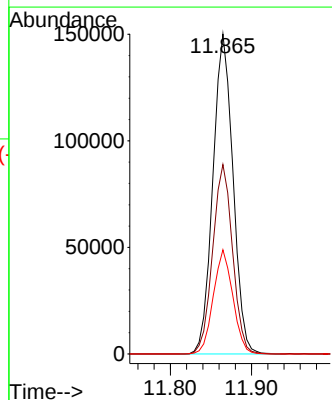
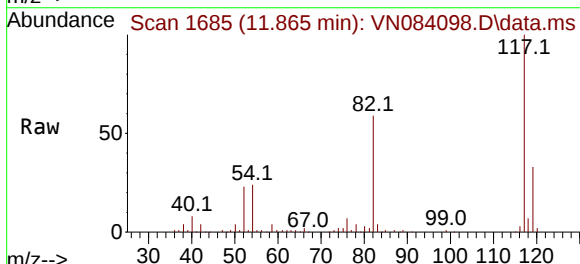
Instrument :
MSVOA_N
ClientSampleId :

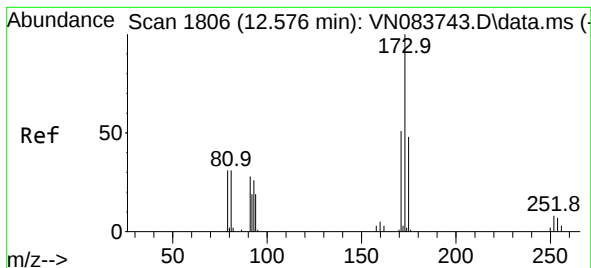
Tgt Ion: 95 Resp: 129090
Ion Ratio Lower Upper
95 100
174 71.2 0.0 139.8
176 67.8 0.0 131.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN084098.D
Acq: 23 Sep 2024 10:07

Tgt Ion: 117 Resp: 258041
Ion Ratio Lower Upper
117 100
82 59.2 47.4 71.0
119 32.6 26.3 39.5





#71

Bromoform

Concen: 0.296 ug/l

RT: 12.841 min Scan# 1806

Delta R.T. 0.265 min

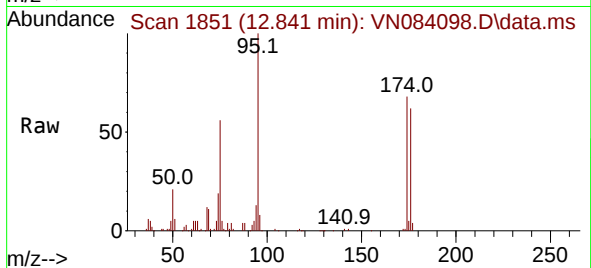
Lab File: VN084098.D

Acq: 23 Sep 2024 10:07

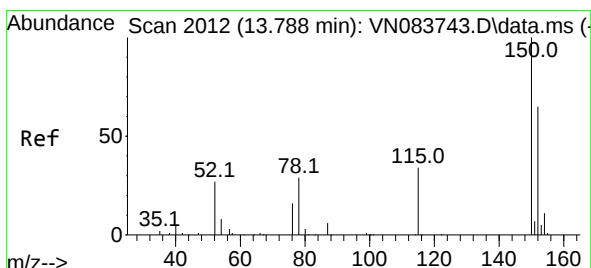
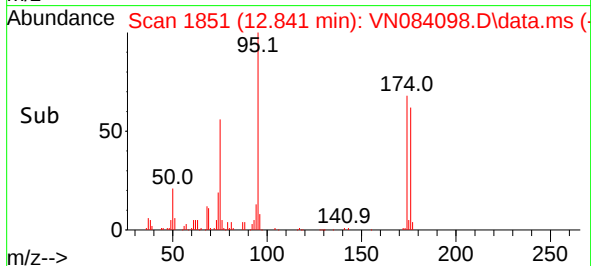
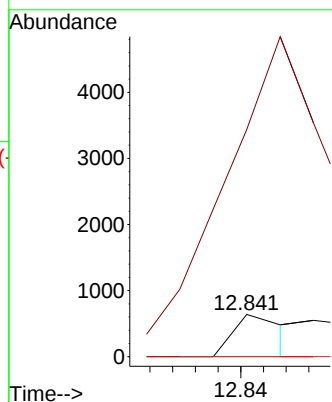
Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion:	173	Resp:	396
Ion Ratio	Lower	Upper	
173	100		
175	1374.0	24.1	72.2#
254	0.0	0.0	0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

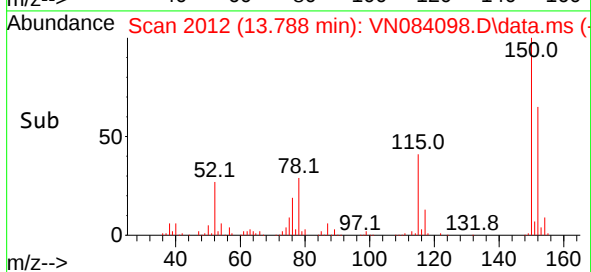
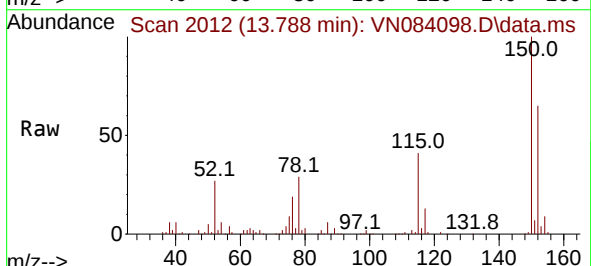
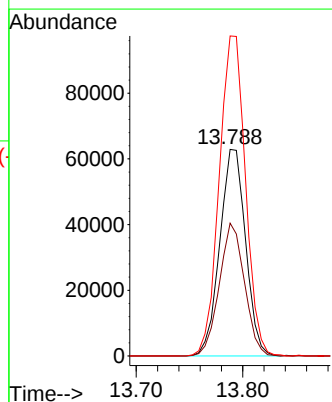
RT: 13.788 min Scan# 1212

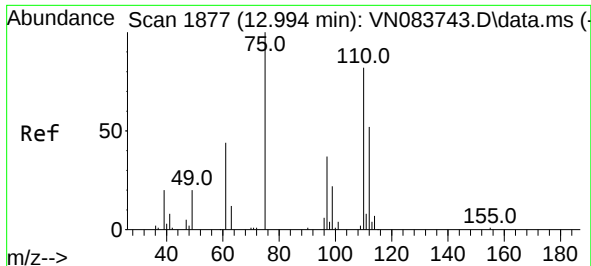
Delta R.T. -0.000 min

Lab File: VN084098.D

Acq: 23 Sep 2024 10:07

Tgt Ion:	152	Resp:	105851
Ion Ratio	Lower	Upper	
152	100		
115	62.6	32.2	96.6
150	157.4	0.0	348.6

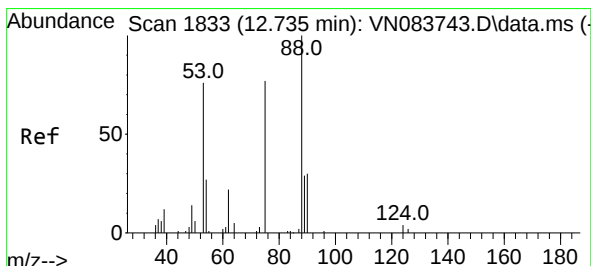
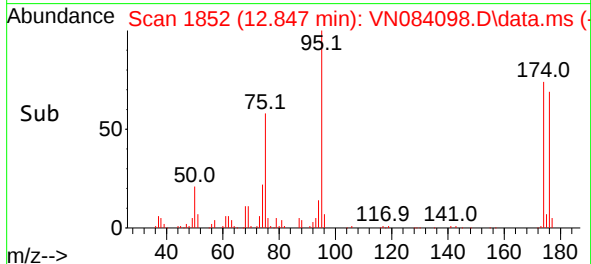
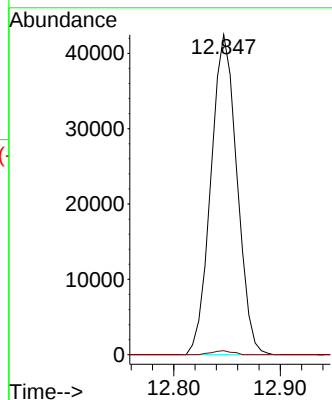
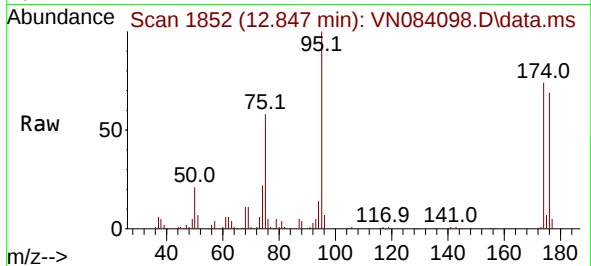




#76
1,2,3-Trichloropropane
Concen: 33.803 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.147 min
Lab File: VN084098.D
Acq: 23 Sep 2024 10:07

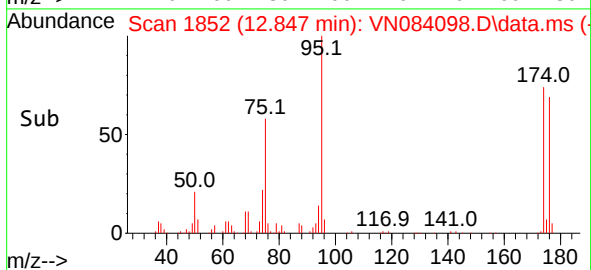
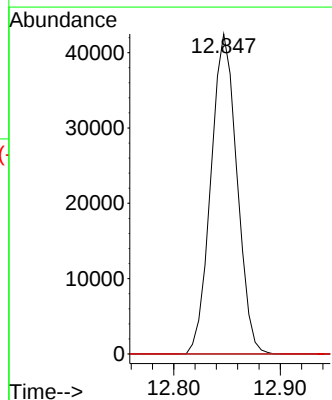
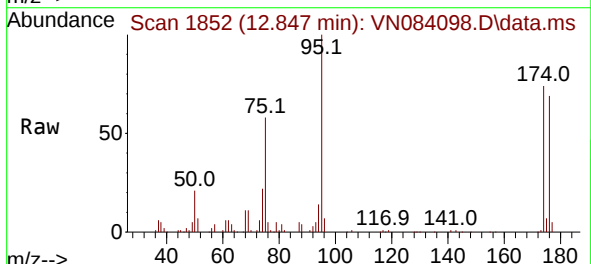
Instrument :
MSVOA_N
ClientSampleId :

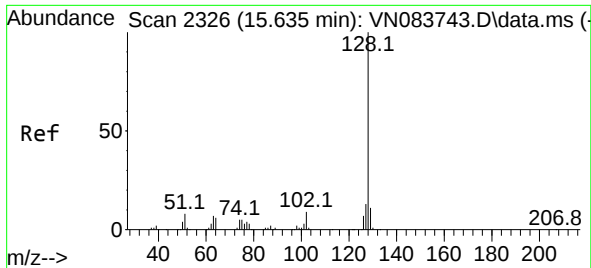
Tgt Ion: 75 Resp: 72198
Ion Ratio Lower Upper
75 100
77 1.0 95.2 285.6#



#81
trans-1,4-Dichloro-2-butene
Concen: 88.532 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.112 min
Lab File: VN084098.D
Acq: 23 Sep 2024 10:07

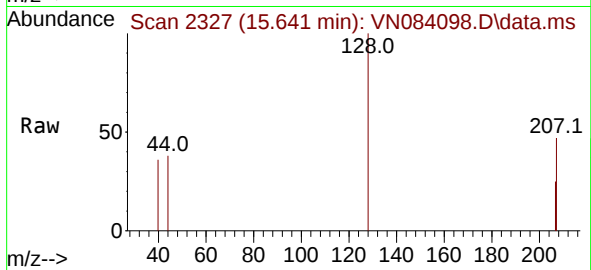
Tgt Ion: 75 Resp: 72198
Ion Ratio Lower Upper
75 100
53 0.0 81.2 121.8#
89 0.0 35.7 53.5#





#95
Naphthalene
Concen: 0.232 ug/l
RT: 15.641 min Scan# 21
Delta R.T. 0.006 min
Lab File: VN084098.D
Acq: 23 Sep 2024 10:07

Instrument :
MSVOA_N
ClientSampleId :



Tgt Ion:128 Resp: 1358
Ion Ratio Lower Upper
128 100
127 0.0 10.2 15.2#
129 0.0 8.7 13.1#

