

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092424\
 Data File : VN084134.D
 Acq On : 24 Sep 2024 15:07
 Operator : JC\MD
 Sample : P4116-10
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Sep 25 01:34:57 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)

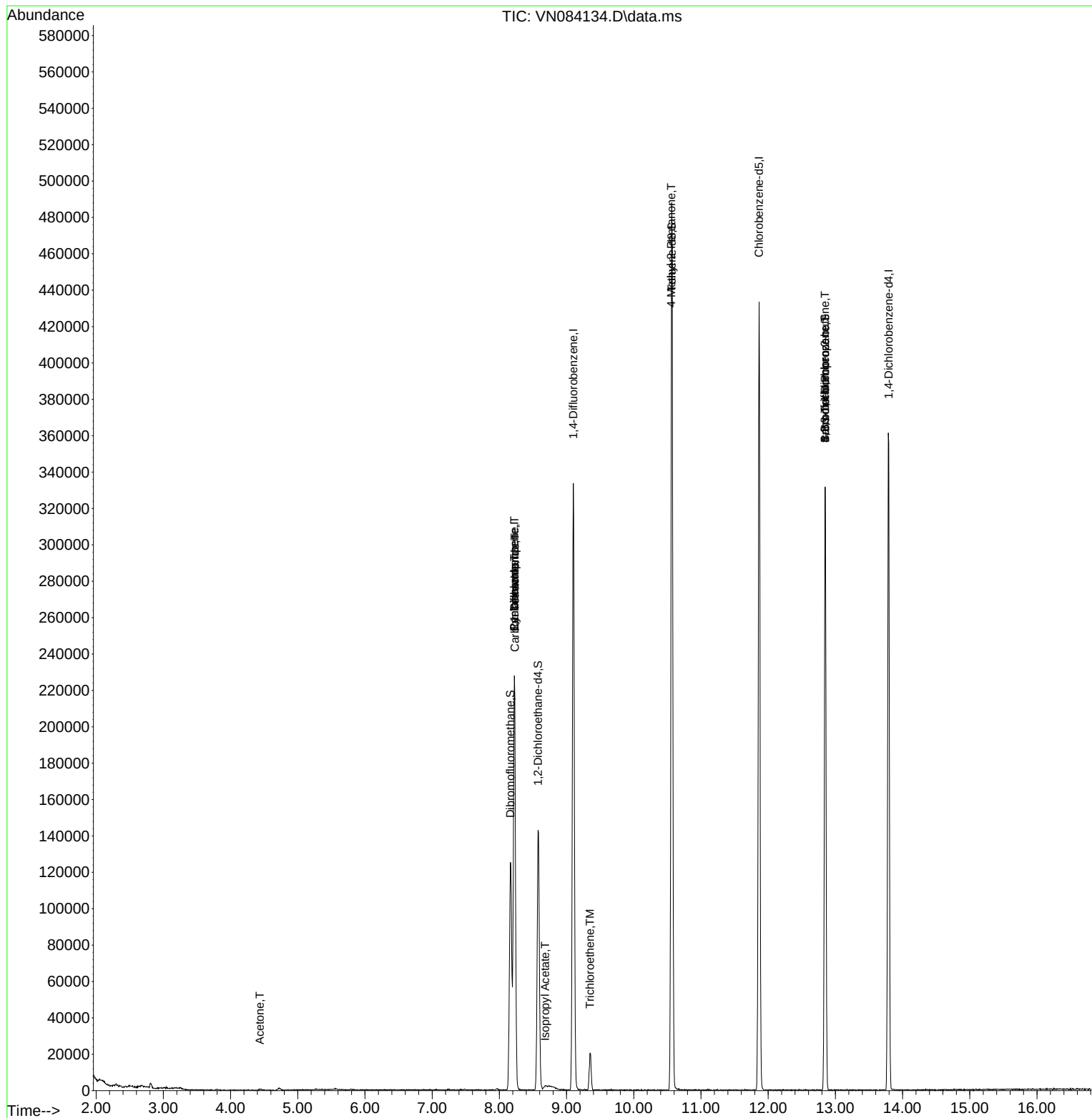
Internal Standards						
1) Pentafluorobenzene	8.224	168	154366	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	274012	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	234567	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	95507	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	120796	51.897	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 103.800%	
35) Dibromofluoromethane	8.165	113	90221	51.432	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 102.860%	
50) Toluene-d8	10.565	98	332103	54.763	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 109.520%	
62) 4-Bromofluorobenzene	12.847	95	113301	45.284	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 90.560%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.359	50	676	Below Cal		100
16) Acetone	4.436	43	971	1.041	ug/l	94
31) Cyclohexane	8.224	56	3769	1.120	ug/l #	1
36) 1,1-Dichloropropene	8.224	75	14611	5.534	ug/l #	50
38) Carbon Tetrachloride	8.230	117	16963	5.663	ug/l #	14
43) Isopropyl Acetate	8.682	43	2368	0.545	ug/l #	57
44) Trichloroethene	9.347	130	7512	4.082	ug/l	95
51) 4-Methyl-2-Pentanone	10.559	43	1434	0.607	ug/l #	1
71) Bromoform	12.847	173	614	0.504	ug/l #	1
76) 1,2,3-Trichloropropane	12.847	75	61984	32.164	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	61984	84.239	ug/l #	9

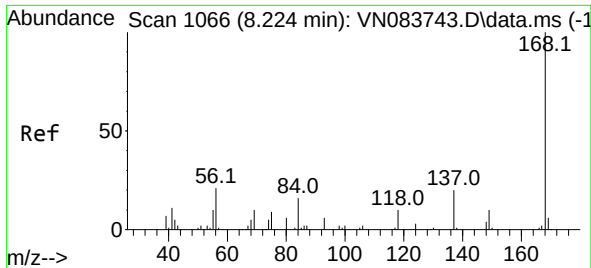
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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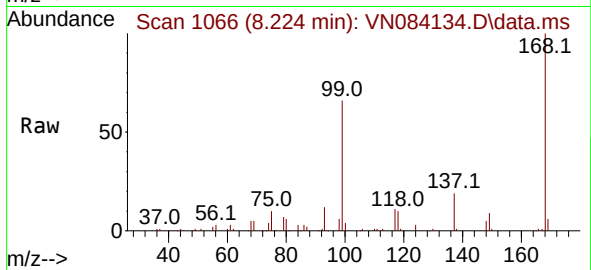
Quant Time: Sep 25 01:34:57 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091024W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 11 15:18:56 2024
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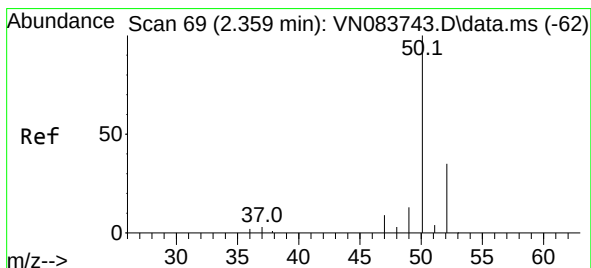
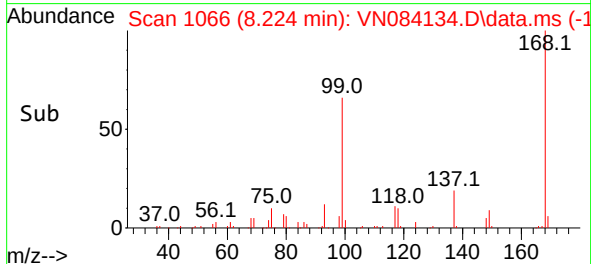
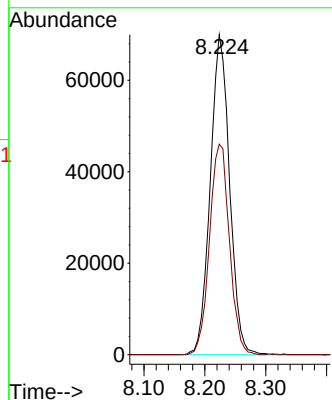


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN084134.D
Acq: 24 Sep 2024 15:07

Instrument :
MSVOA_N
ClientSampleId :

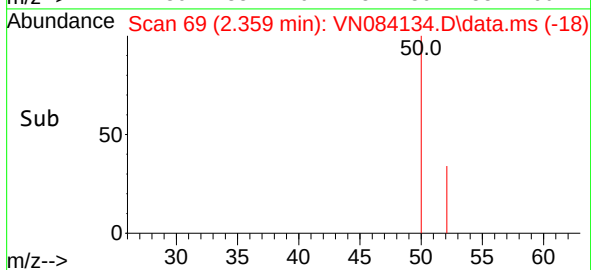
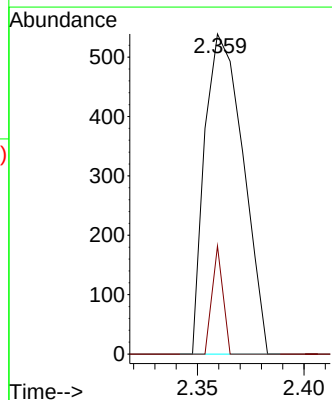
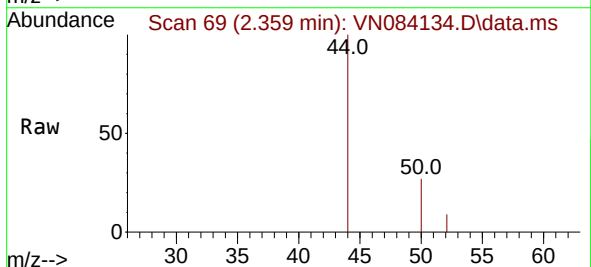


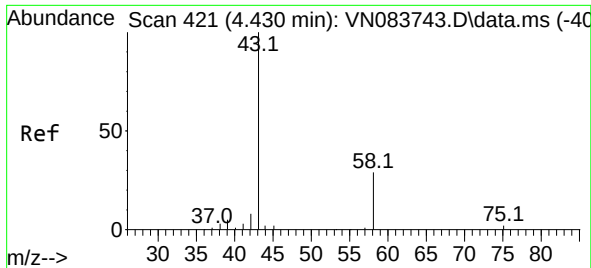
Tgt Ion:168 Resp: 154366
Ion Ratio Lower Upper
168 100
99 65.8 54.2 81.2



#3
Chloromethane
Concen: Below Cal
RT: 2.359 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN084134.D
Acq: 24 Sep 2024 15:07

Tgt Ion: 50 Resp: 676
Ion Ratio Lower Upper
50 100
52 33.8 27.2 40.8





#16

Acetone

Concen: 1.041 ug/l

RT: 4.436 min Scan# 41

Delta R.T. 0.006 min

Lab File: VN084134.D

Acq: 24 Sep 2024 15:07

Instrument :

MSVOA_N

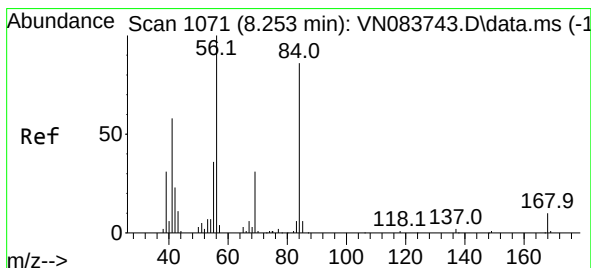
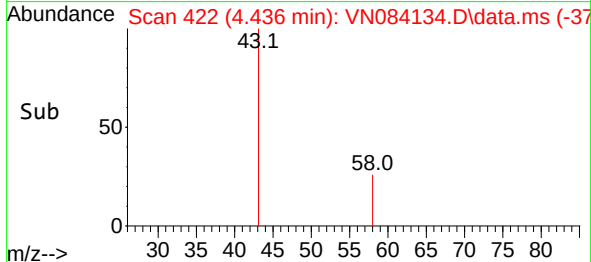
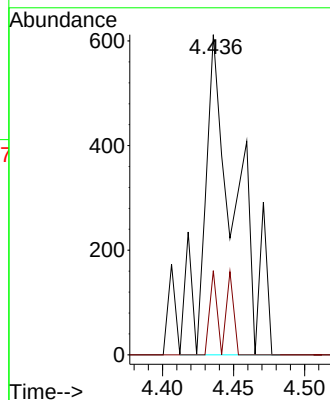
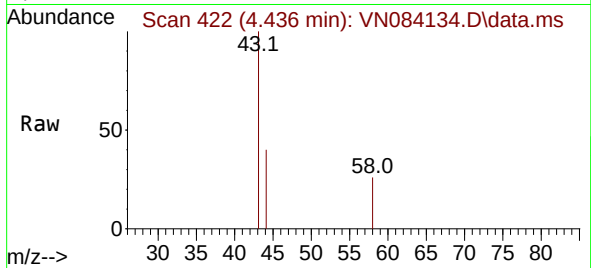
ClientSampleId :

Tgt Ion: 43 Resp: 971

Ion Ratio Lower Upper

43 100

58 26.3 23.7 35.5



#31

Cyclohexane

Concen: 1.120 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.029 min

Lab File: VN084134.D

Acq: 24 Sep 2024 15:07

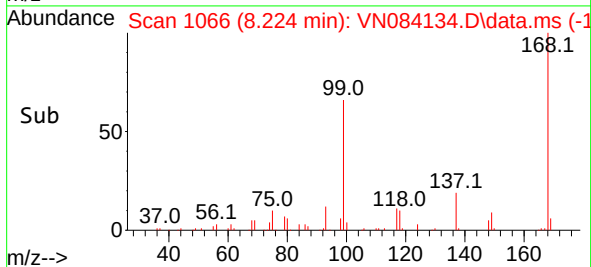
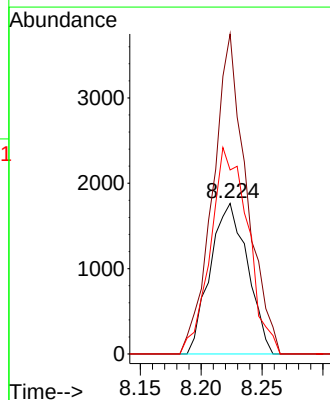
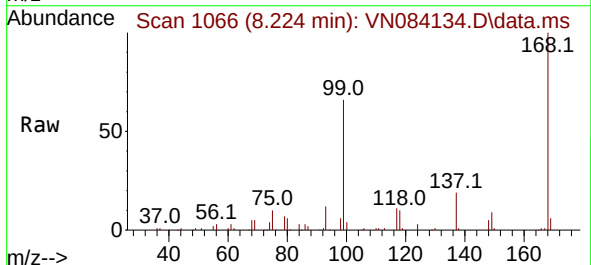
Tgt Ion: 56 Resp: 3769

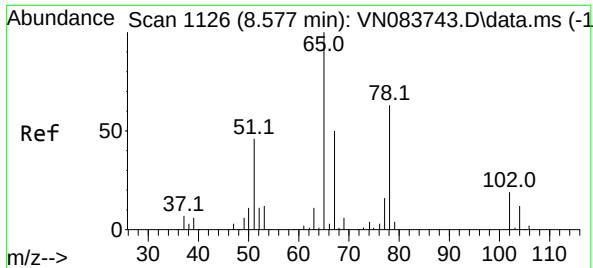
Ion Ratio Lower Upper

56 100

69 212.4 26.9 40.3#

84 131.3 69.2 103.8#





#33

1,2-Dichloroethane-d4

Concen: 51.897 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VN084134.D

Acq: 24 Sep 2024 15:07

Instrument :

MSVOA_N

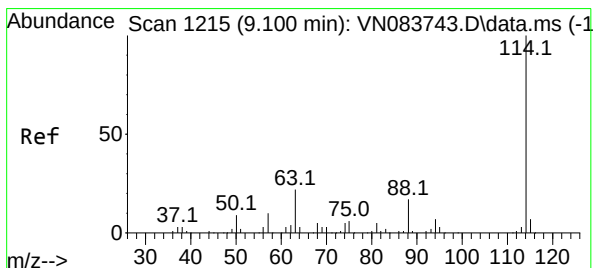
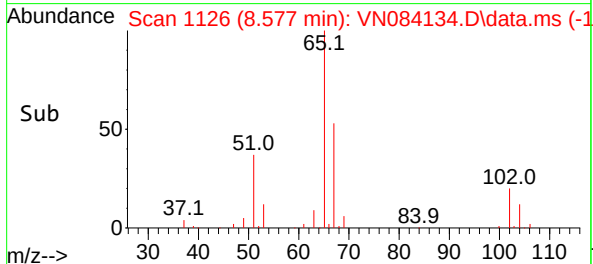
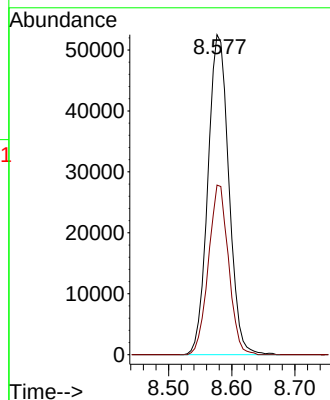
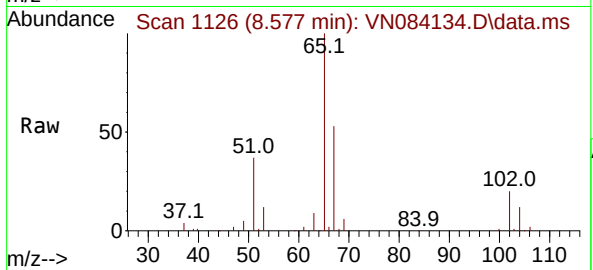
ClientSampleId :

Tgt Ion: 65 Resp: 120796

Ion Ratio Lower Upper

65 100

67 50.8 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: VN084134.D

Acq: 24 Sep 2024 15:07

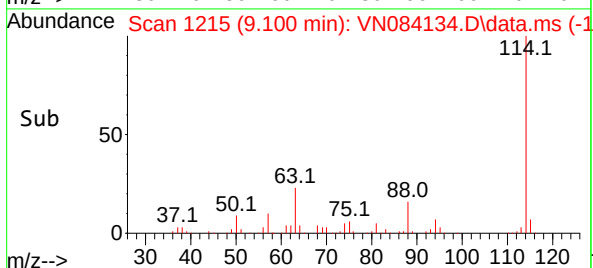
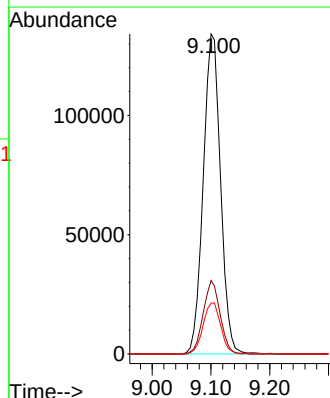
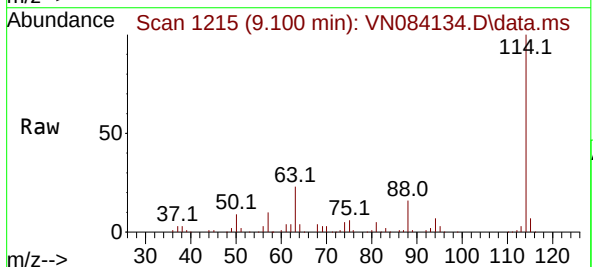
Tgt Ion: 114 Resp: 274012

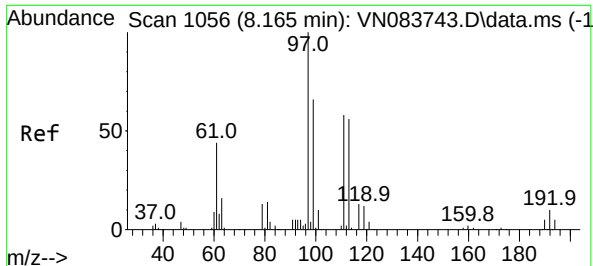
Ion Ratio Lower Upper

114 100

63 23.0 0.0 43.4

88 15.8 0.0 32.6





#35

Dibromofluoromethane

Concen: 51.432 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VN084134.D

Acq: 24 Sep 2024 15:07

Instrument :

MSVOA_N

ClientSampleId :

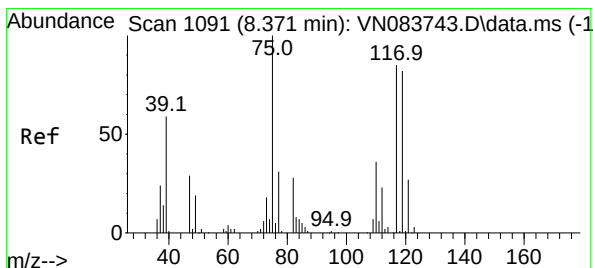
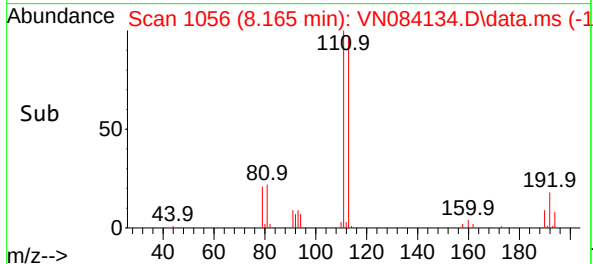
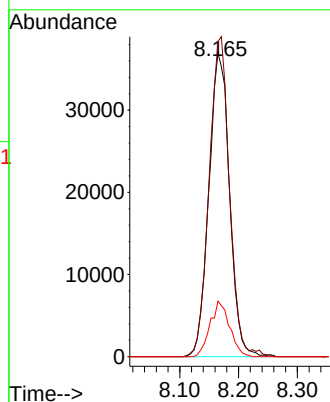
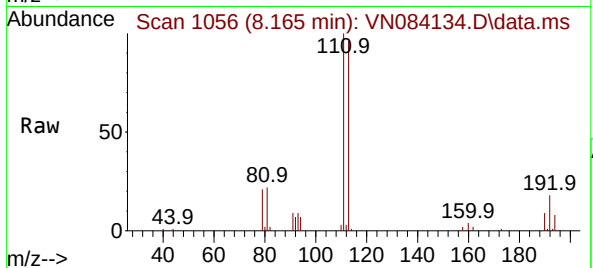
Tgt Ion:113 Resp: 90221

Ion Ratio Lower Upper

113 100

111 104.0 82.6 124.0

192 17.3 14.3 21.5



#36

1,1-Dichloropropene

Concen: 5.534 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.147 min

Lab File: VN084134.D

Acq: 24 Sep 2024 15:07

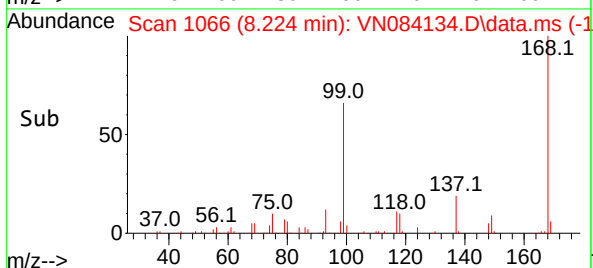
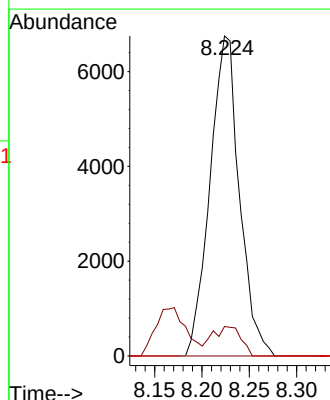
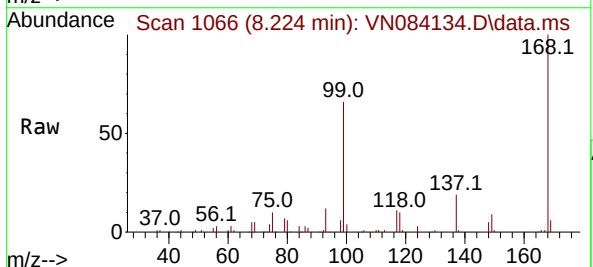
Tgt Ion: 75 Resp: 14611

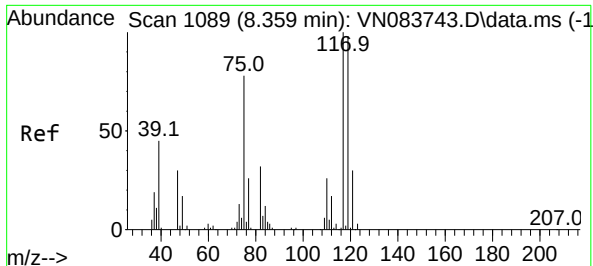
Ion Ratio Lower Upper

75 100

110 8.9 16.7 50.1#

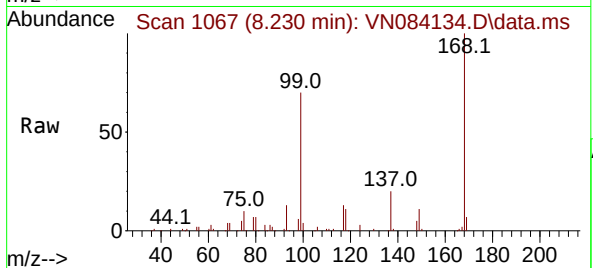
77 0.0 25.2 37.8#



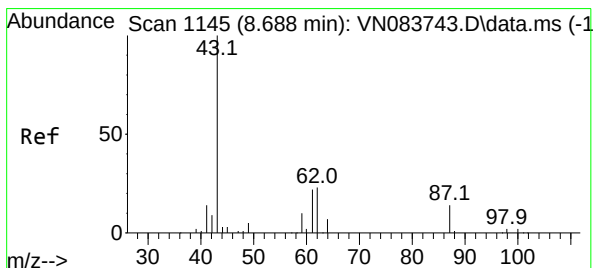
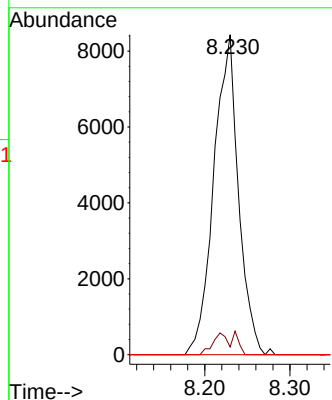
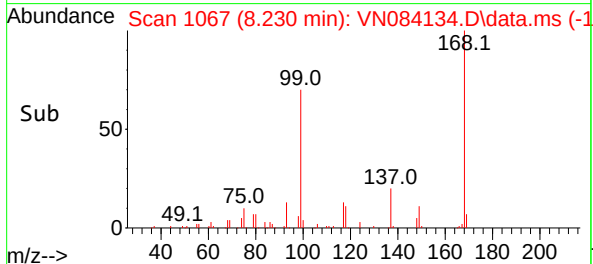


#38
Carbon Tetrachloride
Concen: 5.663 ug/l
RT: 8.230 min Scan# 1106
Delta R.T. -0.129 min
Lab File: VN084134.D
Acq: 24 Sep 2024 15:07

Instrument :
MSVOA_N
ClientSampleId :

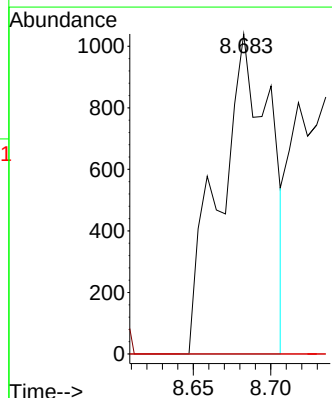
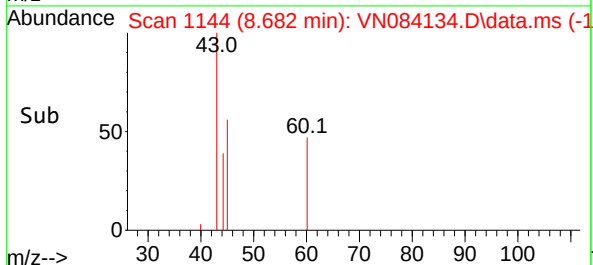
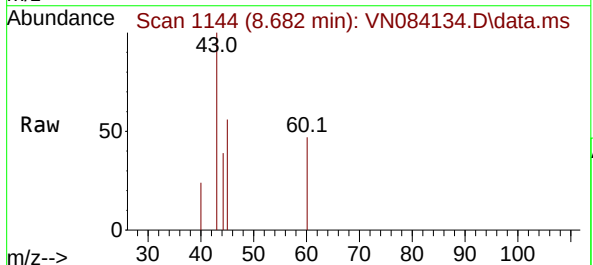


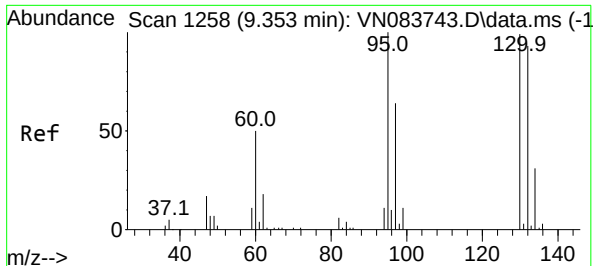
Tgt Ion:117 Resp: 16963
Ion Ratio Lower Upper
117 100
119 2.4 76.1 114.1#
121 0.0 24.1 36.1#



#43
Isopropyl Acetate
Concen: 0.545 ug/l
RT: 8.682 min Scan# 1144
Delta R.T. -0.006 min
Lab File: VN084134.D
Acq: 24 Sep 2024 15:07

Tgt Ion: 43 Resp: 2368
Ion Ratio Lower Upper
43 100
61 0.0 19.4 29.0#
87 0.0 9.8 14.6#





#44

Trichloroethene

Concen: 4.082 ug/l

RT: 9.347 min Scan# 11

Delta R.T. -0.006 min

Lab File: VN084134.D

Acq: 24 Sep 2024 15:07

Instrument :

MSVOA_N

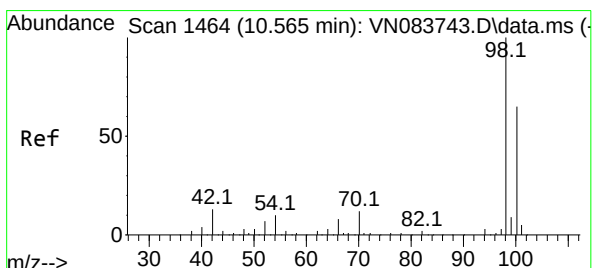
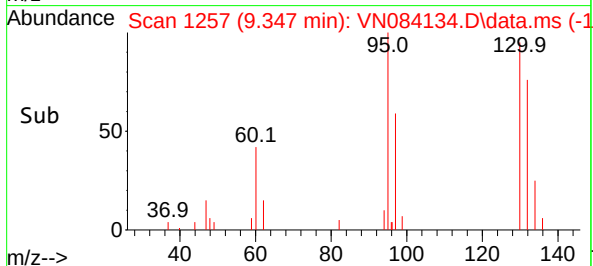
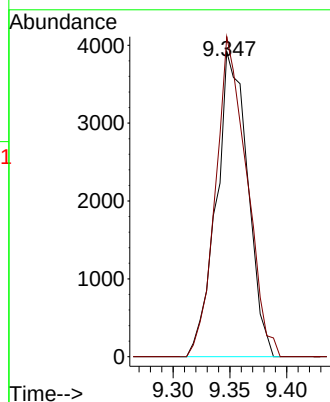
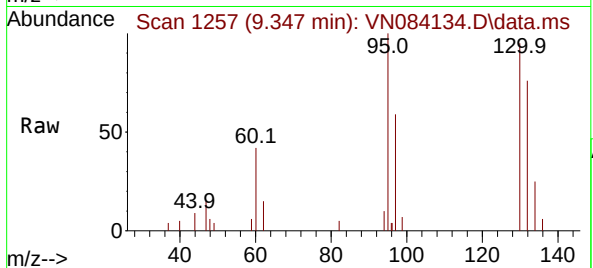
ClientSampleId :

Tgt Ion:130 Resp: 7512

Ion Ratio Lower Upper

130 100

95 104.9 0.0 200.4



#50

Toluene-d8

Concen: 54.763 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. -0.000 min

Lab File: VN084134.D

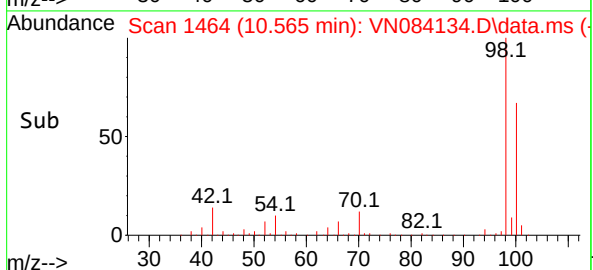
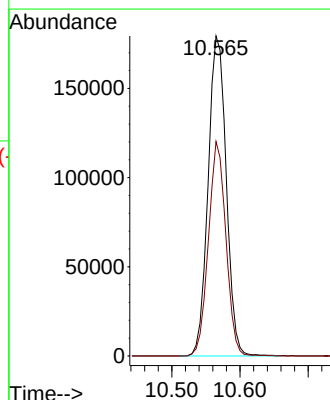
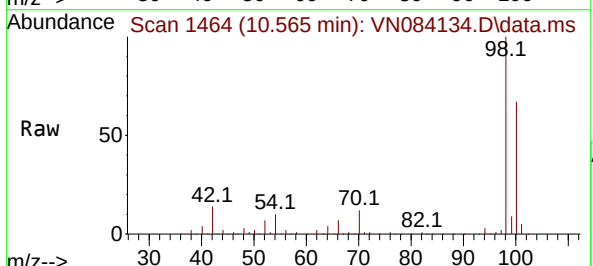
Acq: 24 Sep 2024 15:07

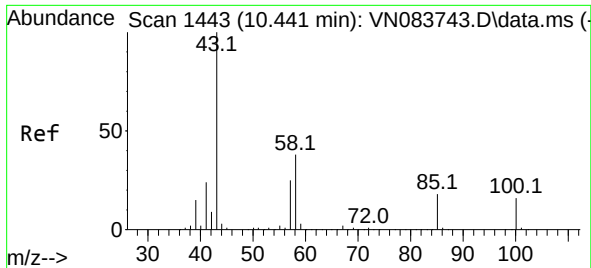
Tgt Ion: 98 Resp: 332103

Ion Ratio Lower Upper

98 100

100 64.7 52.0 78.0

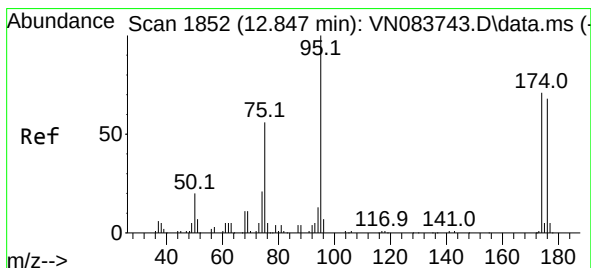
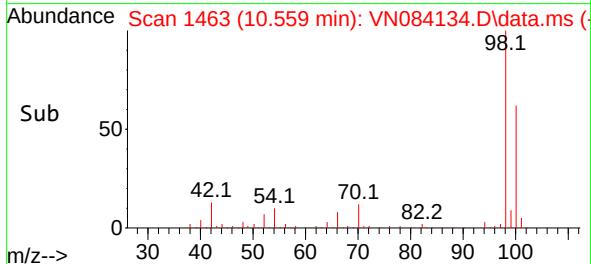
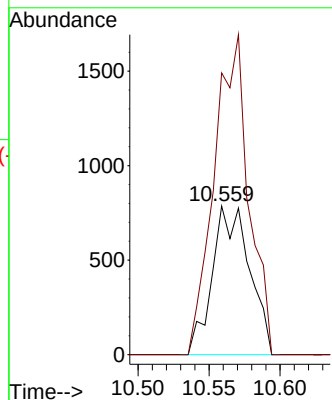
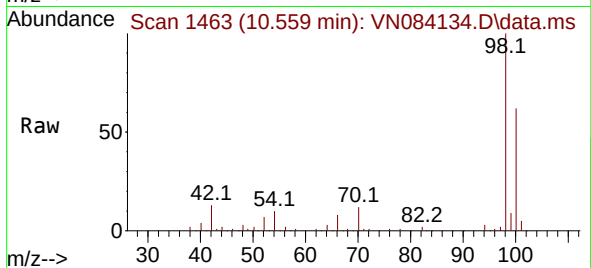




#51
4-Methyl-2-Pentanone
Concen: 0.607 ug/l
RT: 10.559 min Scan# 1443
Delta R.T. 0.118 min
Lab File: VN084134.D
Acq: 24 Sep 2024 15:07

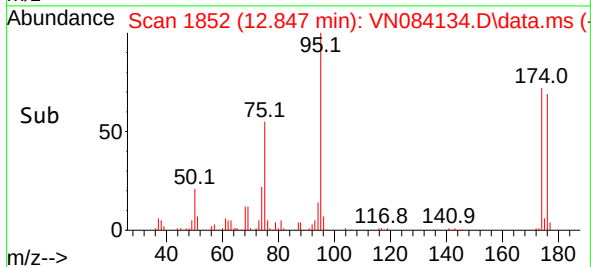
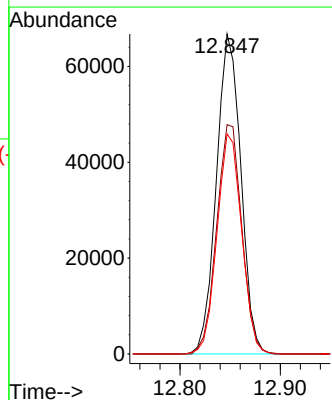
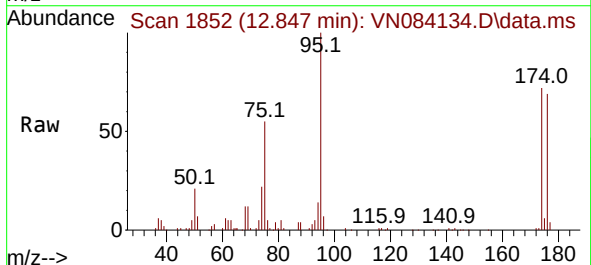
Instrument :
MSVOA_N
ClientSampleId :

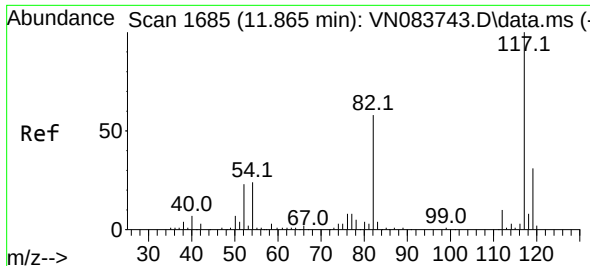
Tgt Ion: 43 Resp: 1434
Ion Ratio Lower Upper
43 100
58 200.3 31.6 47.4#



#62
4-Bromofluorobenzene
Concen: 45.284 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN084134.D
Acq: 24 Sep 2024 15:07

Tgt Ion: 95 Resp: 113301
Ion Ratio Lower Upper
95 100
174 73.4 0.0 139.8
176 69.2 0.0 131.4

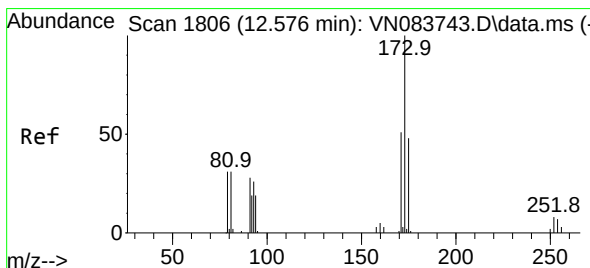
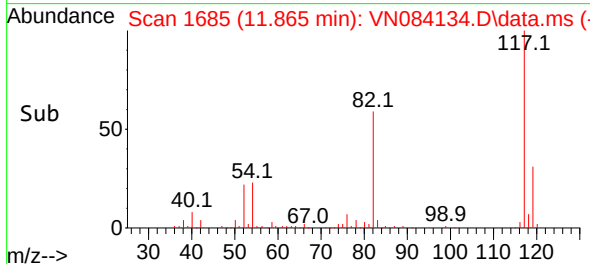
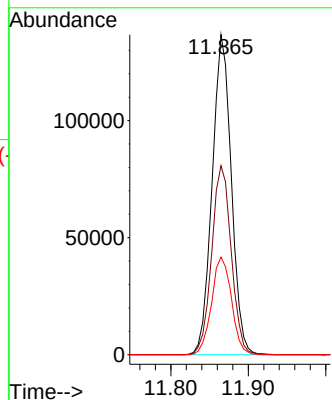
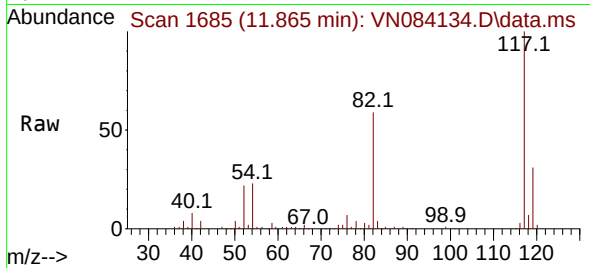




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN084134.D
Acq: 24 Sep 2024 15:07

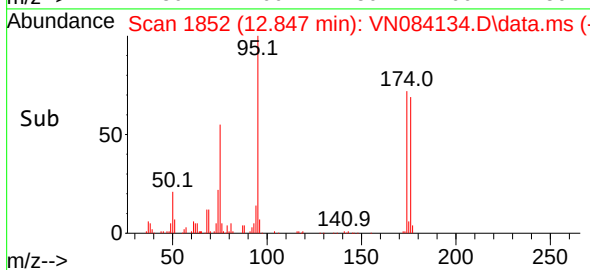
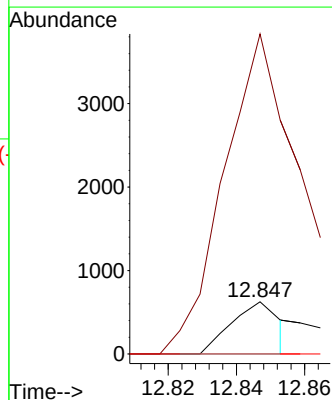
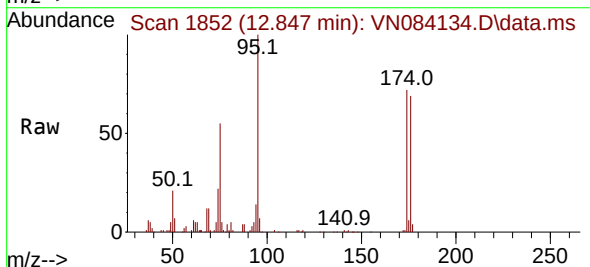
Instrument :
MSVOA_N
ClientSampleId :

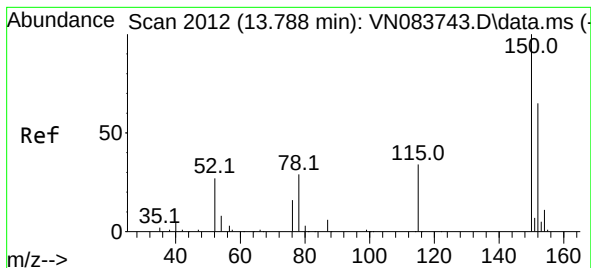
Tgt Ion:117 Resp: 234567
Ion Ratio Lower Upper
117 100
82 59.1 47.4 71.0
119 30.5 26.3 39.5



#71
Bromoform
Concen: 0.504 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.271 min
Lab File: VN084134.D
Acq: 24 Sep 2024 15:07

Tgt Ion:173 Resp: 614
Ion Ratio Lower Upper
173 100
175 722.8 24.1 72.2#
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. 0.006 min

Lab File: VN084134.D

Acq: 24 Sep 2024 15:07

Instrument :

MSVOA_N

ClientSampleId :

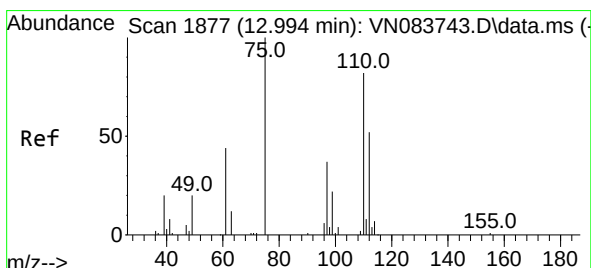
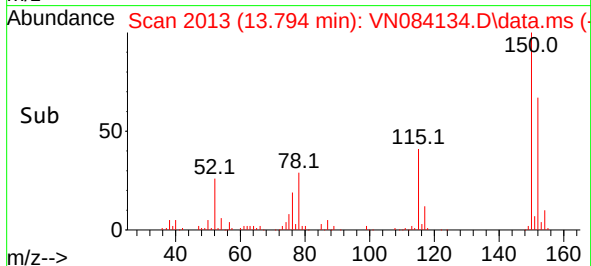
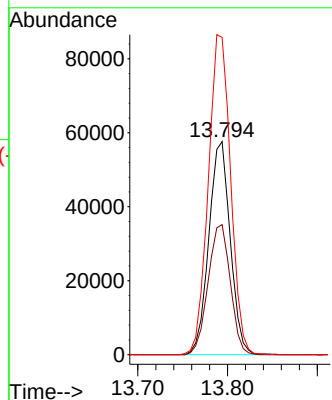
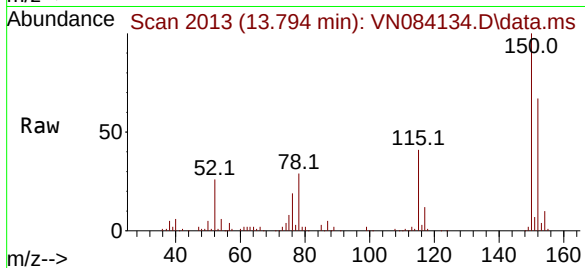
Tgt Ion:152 Resp: 95507

Ion Ratio Lower Upper

152 100

115 63.2 32.2 96.6

150 156.4 0.0 348.6



#76

1,2,3-Trichloropropane

Concen: 32.164 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. -0.147 min

Lab File: VN084134.D

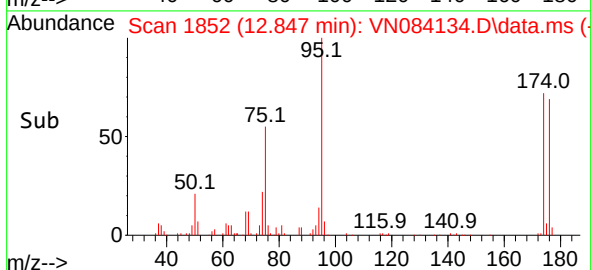
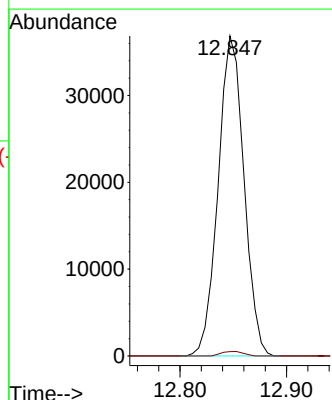
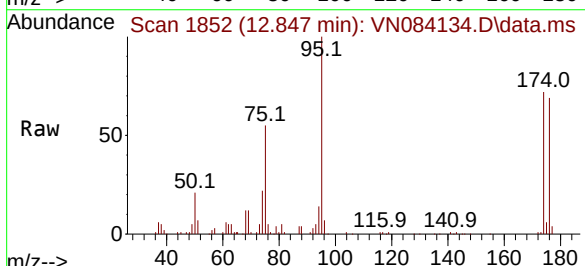
Acq: 24 Sep 2024 15:07

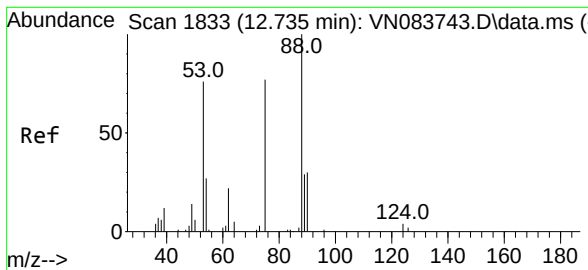
Tgt Ion: 75 Resp: 61984

Ion Ratio Lower Upper

75 100

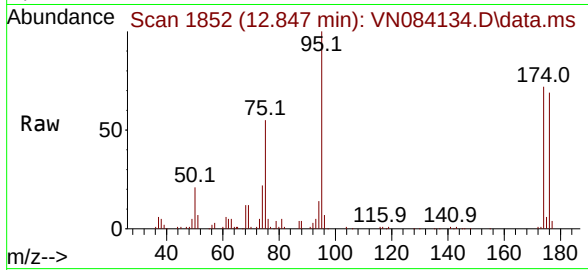
77 1.2 95.2 285.6#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 84.239 ug/l
 RT: 12.847 min Scan# 11
 Delta R.T. 0.112 min
 Lab File: VN084134.D
 Acq: 24 Sep 2024 15:07

Instrument :
 MSVOA_N
 ClientSampleId :



Tgt Ion: 75 Resp: 61984
 Ion Ratio Lower Upper
 75 100
 53 0.0 81.2 121.8#
 89 0.0 35.7 53.5#

