

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081524\
 Data File : VN083338.D
 Acq On : 15 Aug 2024 18:02
 Operator : JC\MD
 Sample : P3456-04
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 Storage-Blank-SAMPLE-MANAGEMENT

Quant Time: Aug 16 03:58:36 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N080724W.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 08 06:30:41 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	125959	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	246799	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	261077	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	116747	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	105253	58.706	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	117.420%
35) Dibromofluoromethane	8.171	113	85917	55.773	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	111.540%
50) Toluene-d8	10.571	98	314260	54.689	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	109.380%
62) 4-Bromofluorobenzene	12.847	95	128479	57.351	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	114.700%

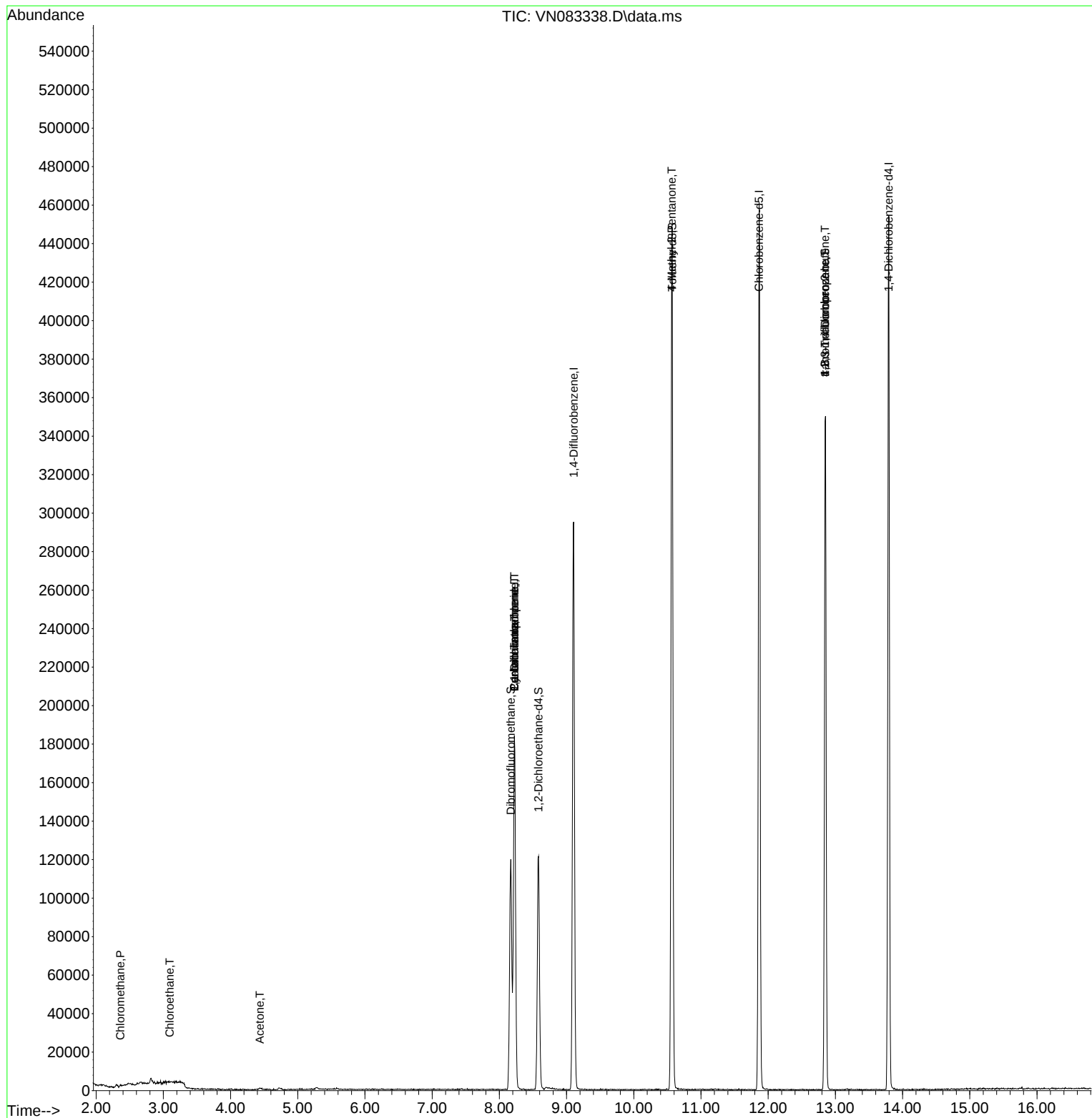
Target Compounds					Qvalue	
3) Chloromethane	2.359	50	439	0.300	ug/l #	43
6) Chloroethane	3.095	64	435	0.466	ug/l #	41
16) Acetone	4.436	43	1501	2.140	ug/l #	48
31) Cyclohexane	8.224	56	3185	1.199	ug/l #	1
36) 1,1-Dichloropropene	8.224	75	11375	4.881	ug/l #	49
38) Carbon Tetrachloride	8.224	117	14393	5.484	ug/l #	18
43) Isopropyl Acetate	8.694	43	771	Below Cal	#	60
51) 4-Methyl-2-Pentanone	10.565	43	1663	0.674	ug/l #	1
76) 1,2,3-Trichloropropane	12.847	75	70414	27.481	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	70414	59.777	ug/l #	6

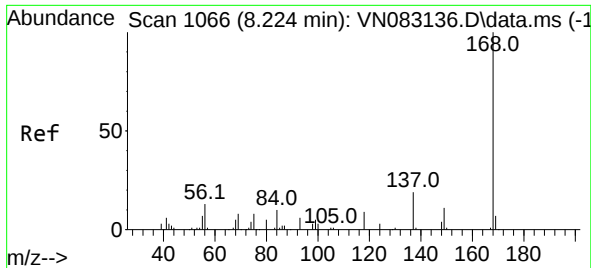
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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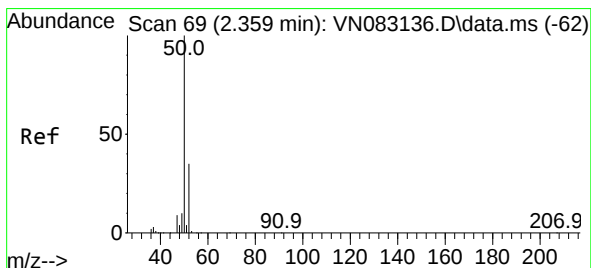
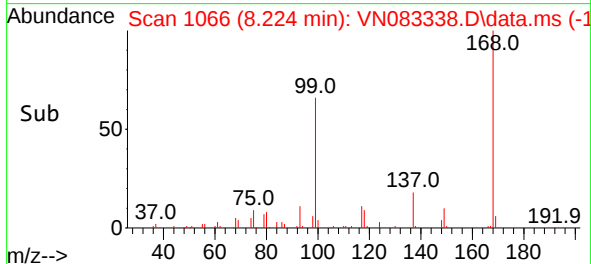
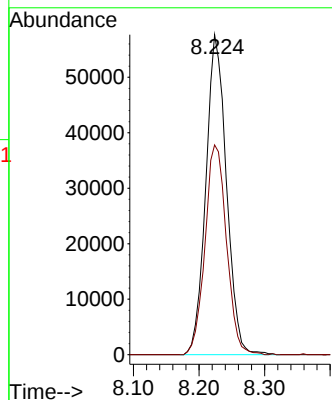
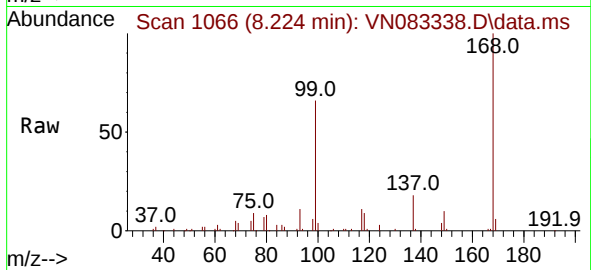




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN083338.D
Acq: 15 Aug 2024 18:02

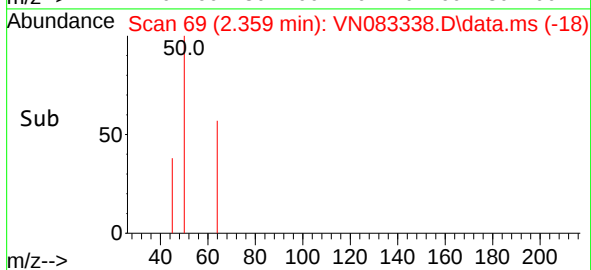
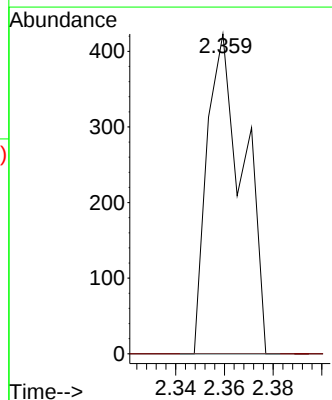
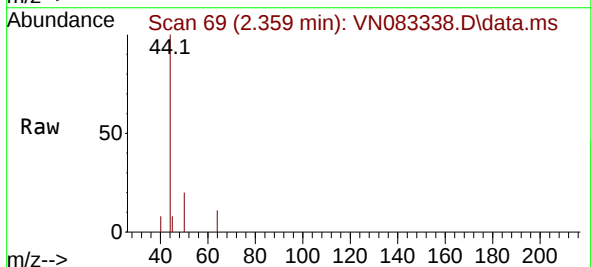
Instrument : MSVOA_N
ClientSampleId :
Storage-Blank-SAMPLE-MANAGEMENT

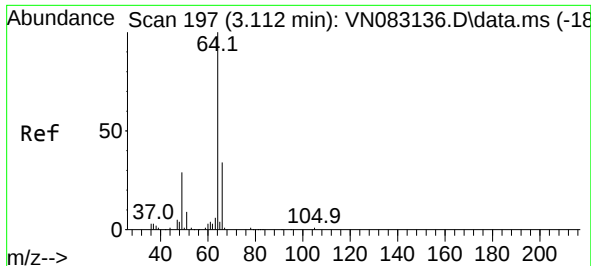
Tgt Ion:168 Resp: 125959
Ion Ratio Lower Upper
168 100
99 65.5 48.2 72.4



#3
Chloromethane
Concen: 0.300 ug/l
RT: 2.359 min Scan# 69
Delta R.T. -0.000 min
Lab File: VN083338.D
Acq: 15 Aug 2024 18:02

Tgt Ion: 50 Resp: 439
Ion Ratio Lower Upper
50 100
52 0.0 25.0 37.4#

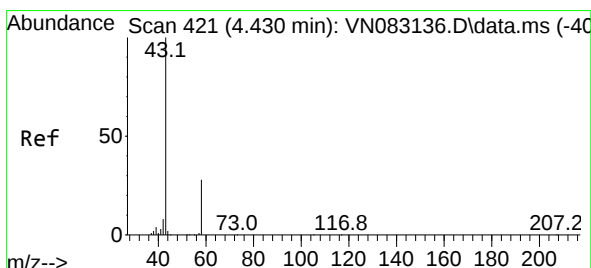
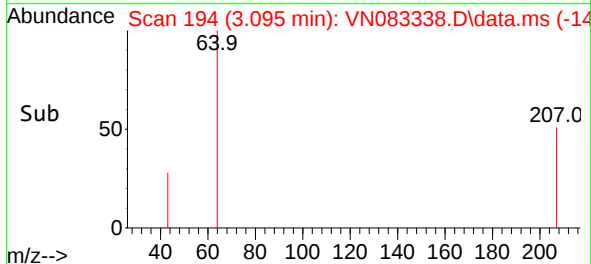
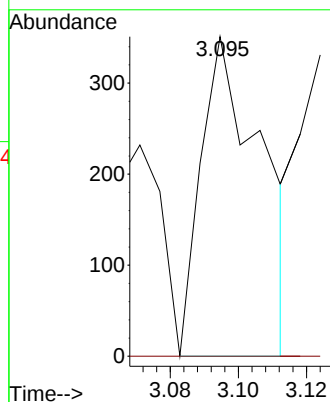
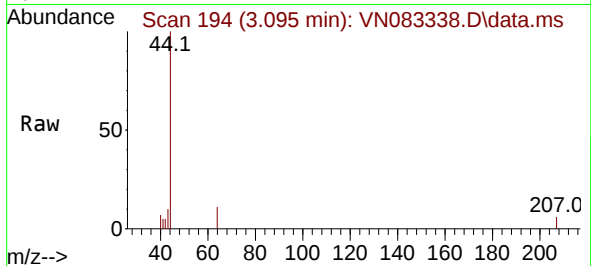




#6
Chloroethane
Concen: 0.466 ug/l
RT: 3.095 min Scan# 194
Delta R.T. -0.018 min
Lab File: VN083338.D
Acq: 15 Aug 2024 18:02

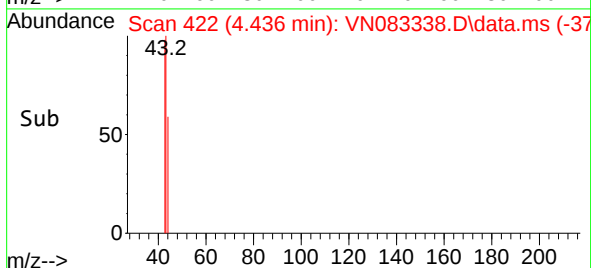
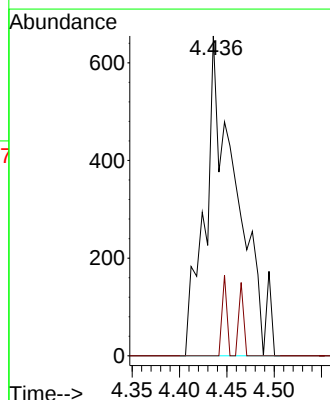
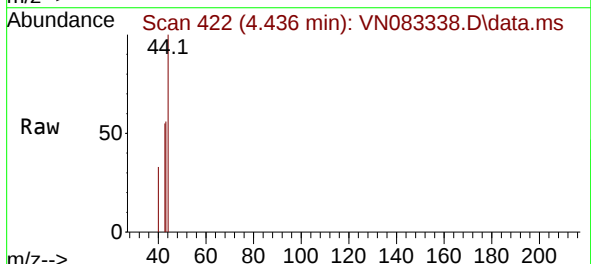
Instrument : MSVOA_N
ClientSampleId :
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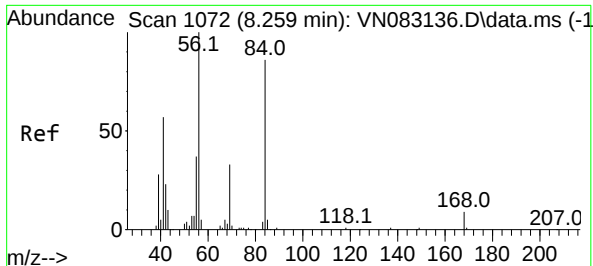
Tgt Ion: 64 Resp: 435
Ion Ratio Lower Upper
64 100
66 0.0 26.6 40.0#



#16
Acetone
Concen: 2.140 ug/l
RT: 4.436 min Scan# 422
Delta R.T. 0.006 min
Lab File: VN083338.D
Acq: 15 Aug 2024 18:02

Tgt Ion: 43 Resp: 1501
Ion Ratio Lower Upper
43 100
58 0.0 21.8 32.6#

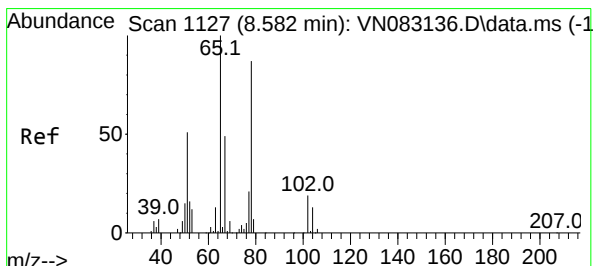
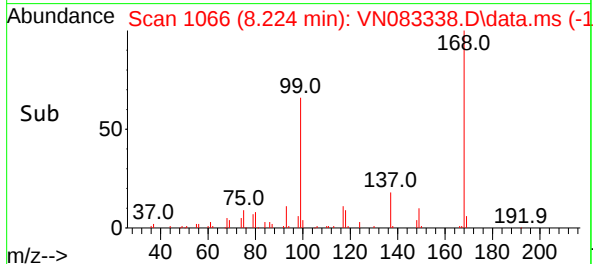
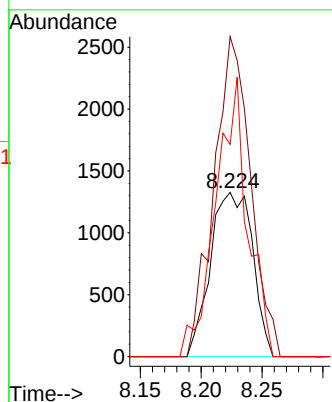
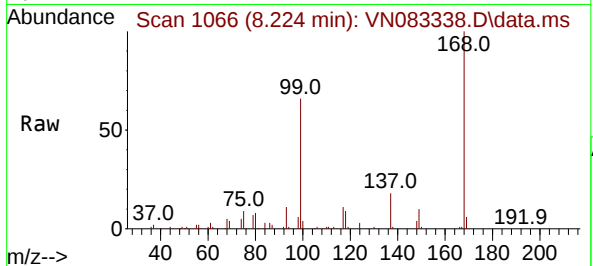




#31
Cyclohexane
Concen: 1.199 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.035 min
Lab File: VN083338.D
Acq: 15 Aug 2024 18:02

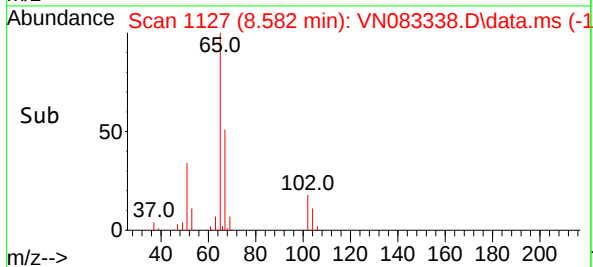
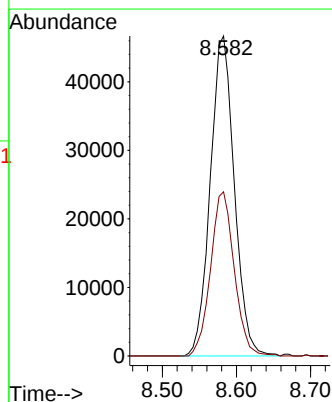
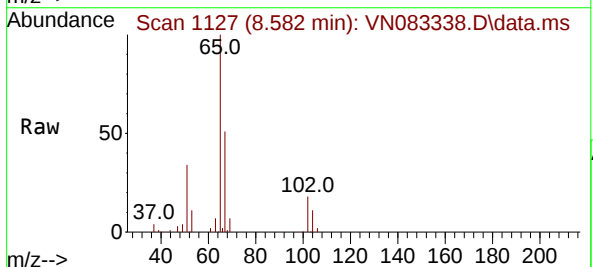
Instrument : MSVOA_N
ClientSampleId : Storage-Blank-SAMPLE-MANAGEMENT

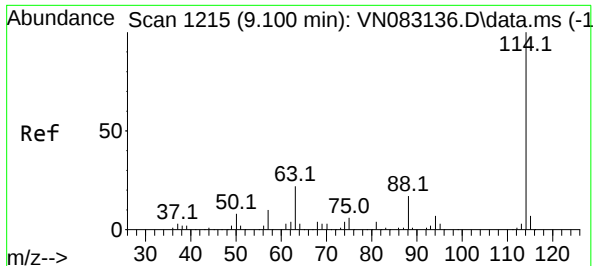
Tgt Ion: 56 Resp: 3185
Ion Ratio Lower Upper
56 100
69 194.8 24.5 36.7#
84 129.2 66.0 99.0#



#33
1,2-Dichloroethane-d4
Concen: 58.706 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VN083338.D
Acq: 15 Aug 2024 18:02

Tgt Ion: 65 Resp: 105253
Ion Ratio Lower Upper
65 100
67 50.5 0.0 104.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN083338.D

Acq: 15 Aug 2024 18:02

Instrument :

MSVOA_N

ClientSampleId :

Storage-Blank-SAMPLE-MANAGEMENT

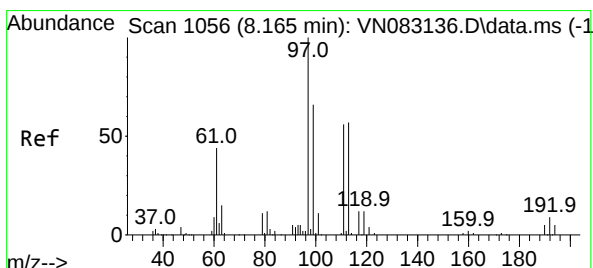
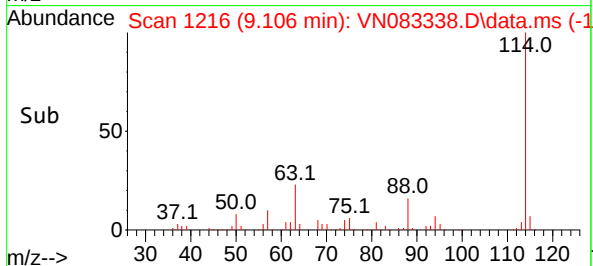
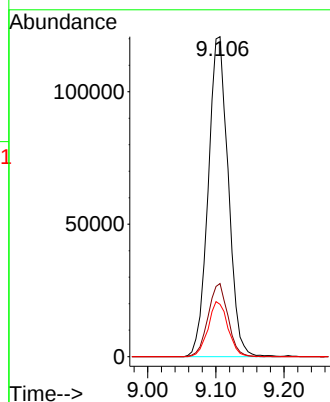
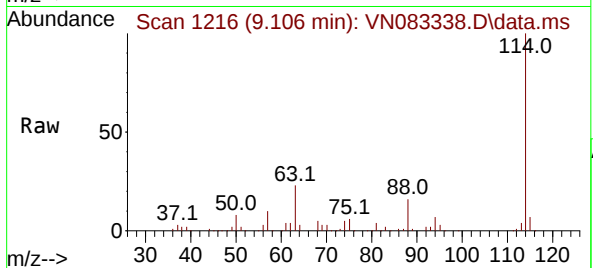
Tgt Ion:114 Resp: 246799

Ion Ratio Lower Upper

114 100

63 22.8 0.0 44.6

88 16.3 0.0 31.4



#35

Dibromofluoromethane

Concen: 55.773 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. 0.006 min

Lab File: VN083338.D

Acq: 15 Aug 2024 18:02

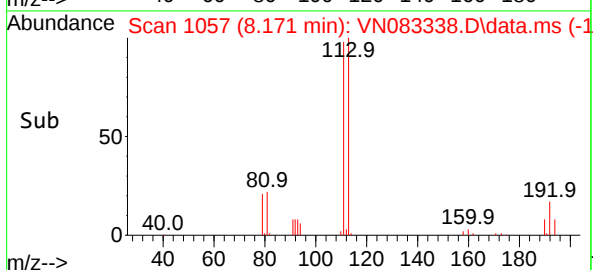
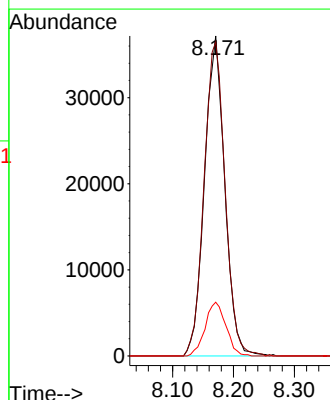
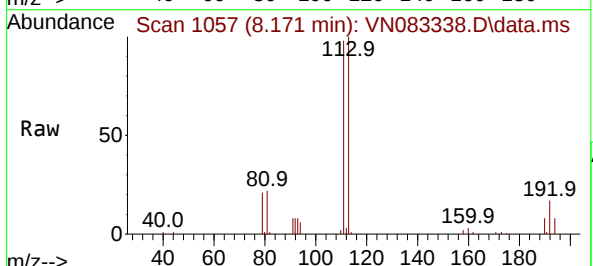
Tgt Ion:113 Resp: 85917

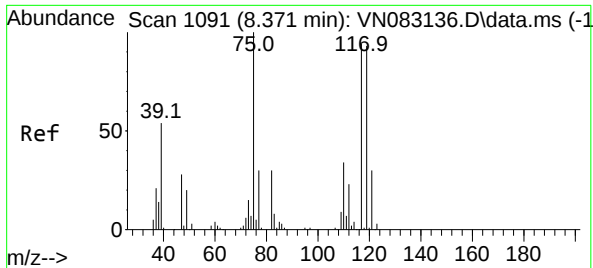
Ion Ratio Lower Upper

113 100

111 101.8 82.4 123.6

192 17.2 14.9 22.3





#36

1,1-Dichloropropene

Concen: 4.881 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.147 min

Lab File: VN083338.D

Acq: 15 Aug 2024 18:02

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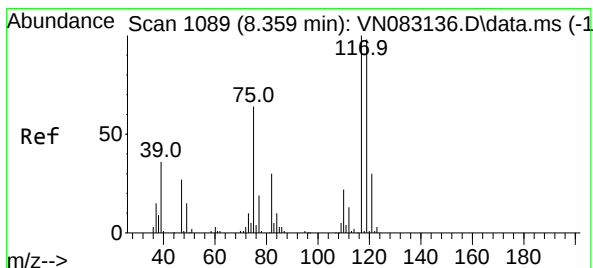
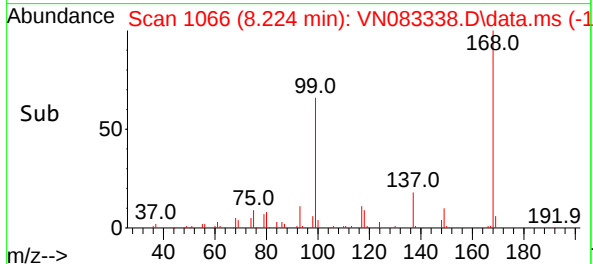
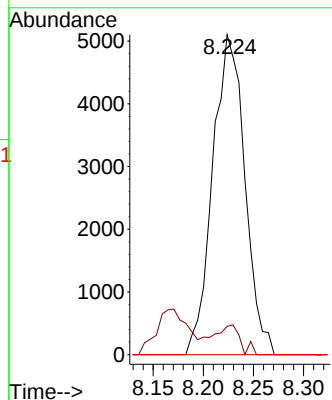
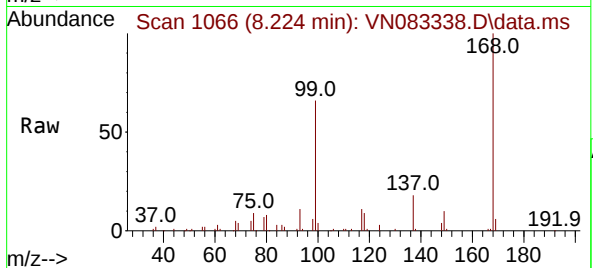
Tgt Ion: 75 Resp: 11375

Ion Ratio Lower Upper

75 100

110 6.6 16.3 48.9#

77 0.0 24.6 37.0#



#38

Carbon Tetrachloride

Concen: 5.484 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.135 min

Lab File: VN083338.D

Acq: 15 Aug 2024 18:02

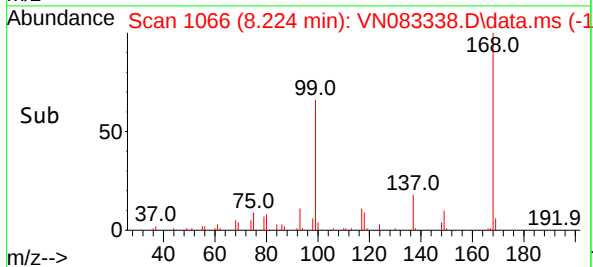
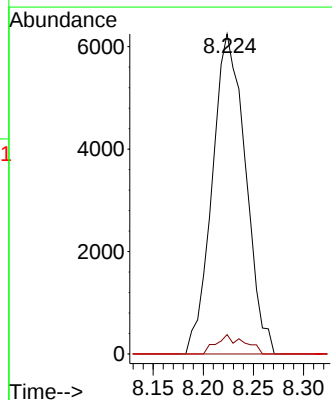
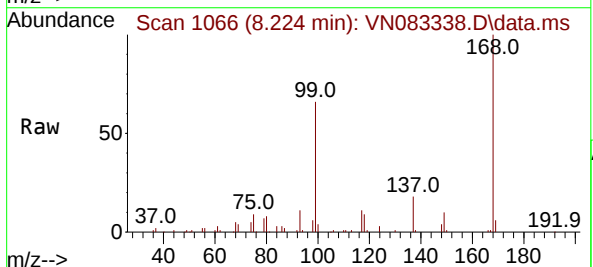
Tgt Ion: 117 Resp: 14393

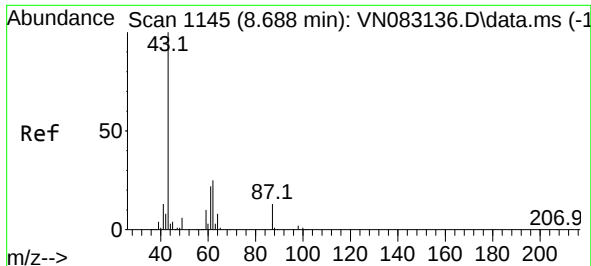
Ion Ratio Lower Upper

117 100

119 6.1 74.9 112.3#

121 0.0 24.3 36.5#





#43

Isopropyl Acetate

Concen: Below Cal

RT: 8.694 min Scan# 1146

Delta R.T. 0.006 min

Lab File: VN083338.D

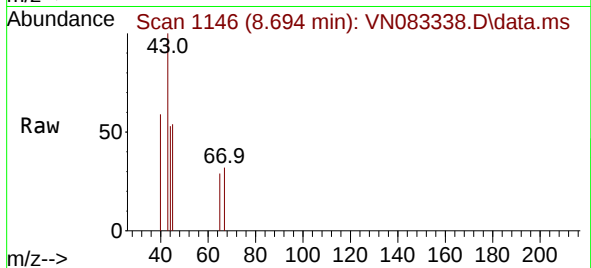
Acq: 15 Aug 2024 18:02

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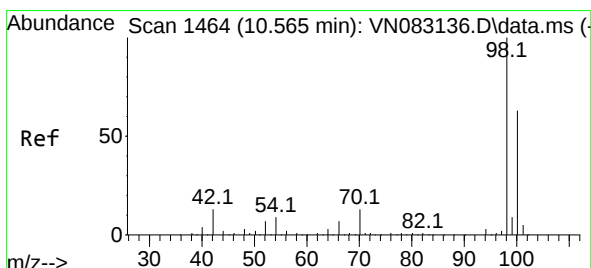
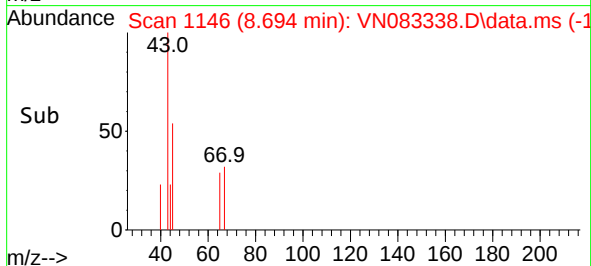
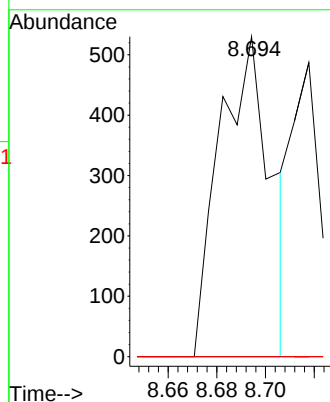
Tgt Ion: 43 Resp: 771

Ion Ratio Lower Upper

43 100

61 0.0 17.8 26.6#

87 0.0 8.2 12.2#



#50

Toluene-d8

Concen: 54.689 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. 0.006 min

Lab File: VN083338.D

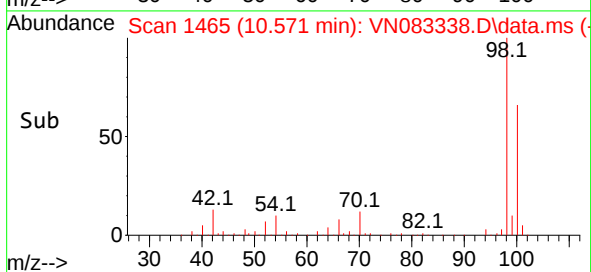
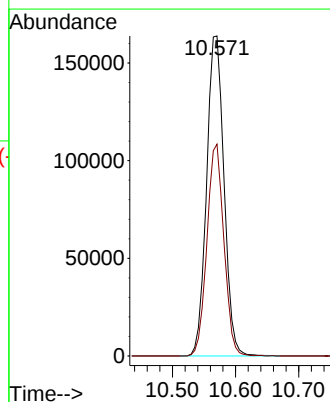
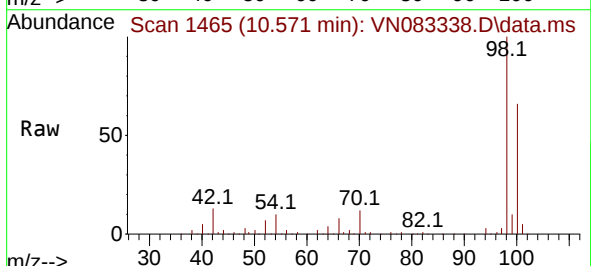
Acq: 15 Aug 2024 18:02

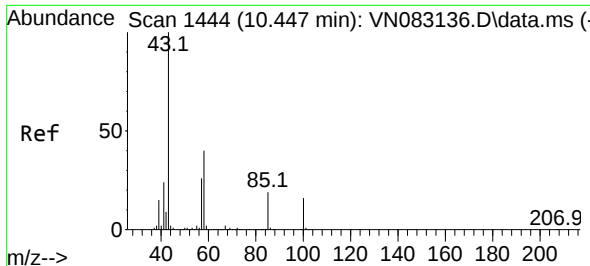
Tgt Ion: 98 Resp: 314260

Ion Ratio Lower Upper

98 100

100 64.3 51.5 77.3





#51

4-Methyl-2-Pentanone

Concen: 0.674 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. 0.118 min

Lab File: VN083338.D

Acq: 15 Aug 2024 18:02

Instrument :

MSVOA_N

ClientSampleId :

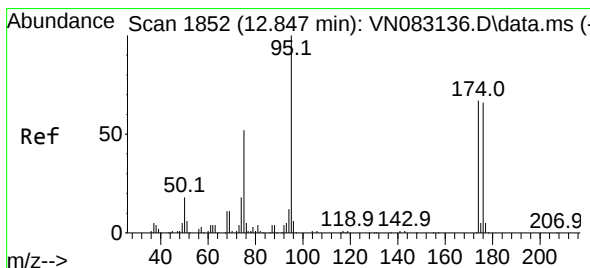
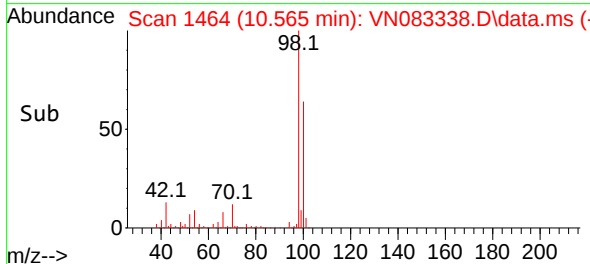
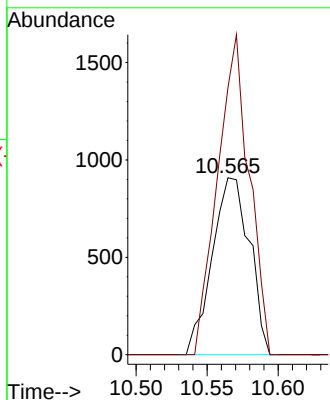
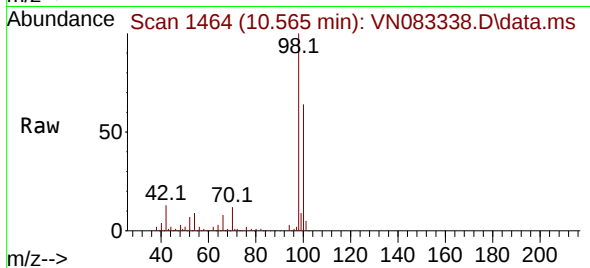
Storage-Blank-SAMPLE-MANAGEMENT

Tgt Ion: 43 Resp: 1663

Ion Ratio Lower Upper

43 100

58 153.3 28.2 42.4#



#62

4-Bromofluorobenzene

Concen: 57.351 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. -0.000 min

Lab File: VN083338.D

Acq: 15 Aug 2024 18:02

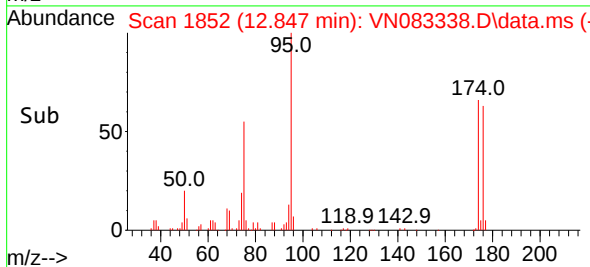
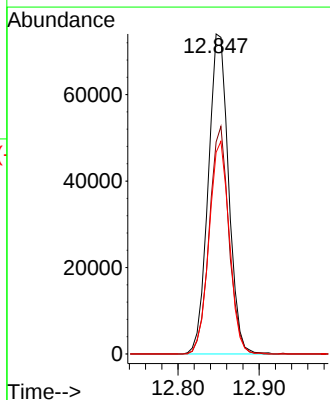
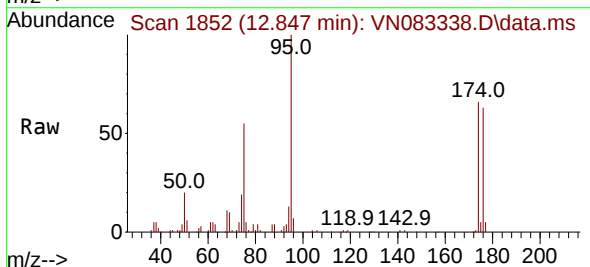
Tgt Ion: 95 Resp: 128479

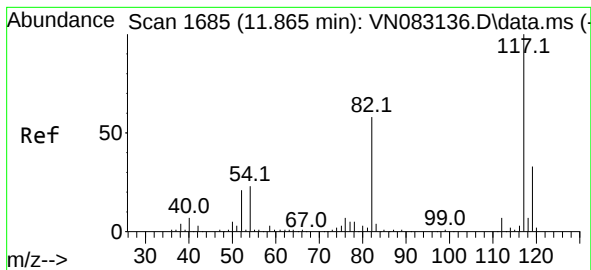
Ion Ratio Lower Upper

95 100

174 68.6 0.0 159.2

176 66.3 0.0 147.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.865 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN083338.D

Acq: 15 Aug 2024 18:02

Instrument :

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Storage-Blank-SAMPLE-MANAGEMENT

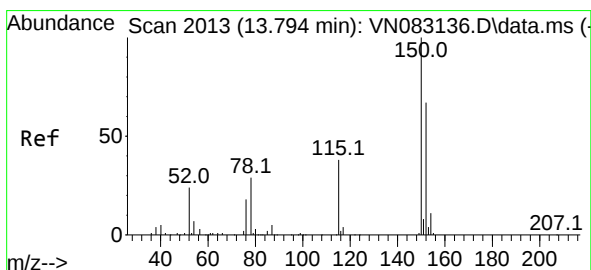
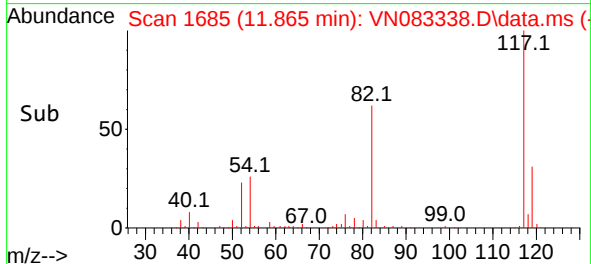
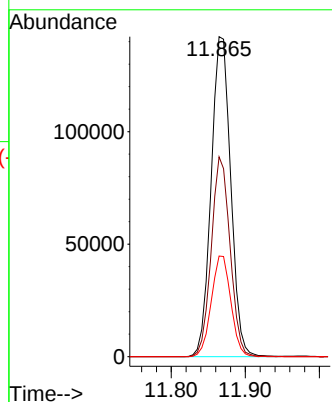
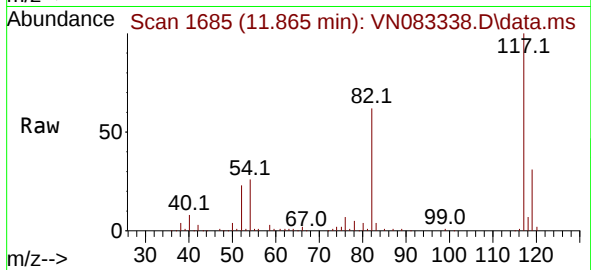
Tgt Ion:117 Resp: 261077

Ion Ratio Lower Upper

117 100

82 62.5 47.5 71.3

119 31.5 25.6 38.4



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 2013

Delta R.T. 0.000 min

Lab File: VN083338.D

Acq: 15 Aug 2024 18:02

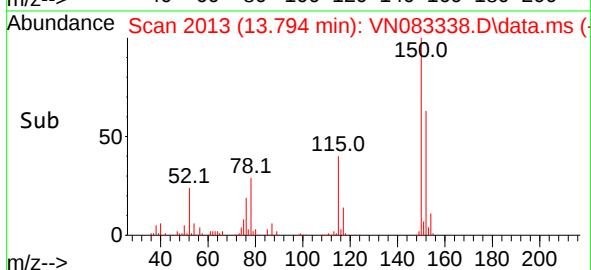
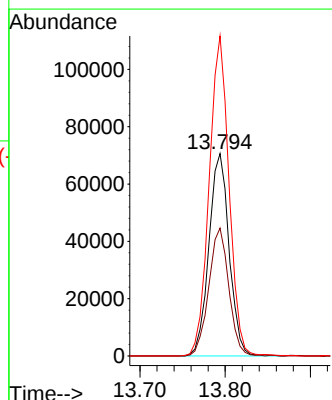
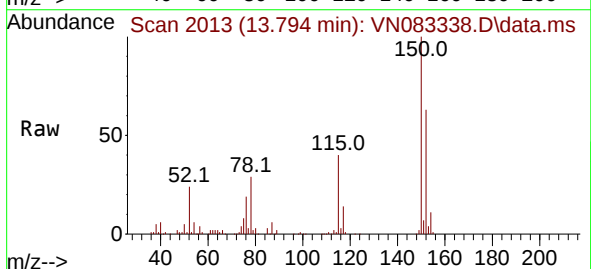
Tgt Ion:152 Resp: 116747

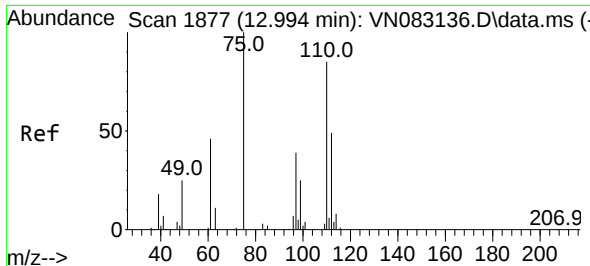
Ion Ratio Lower Upper

152 100

115 62.5 30.6 91.6

150 155.0 0.0 348.6

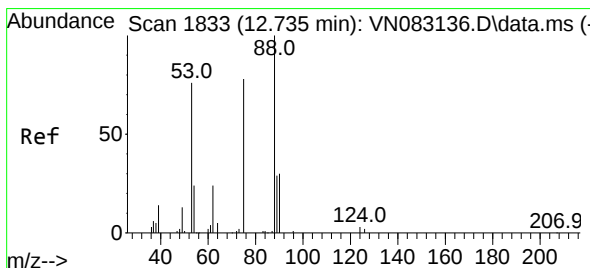
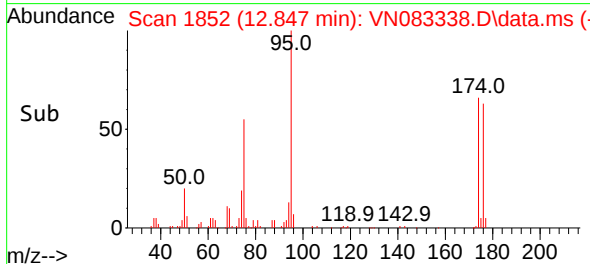
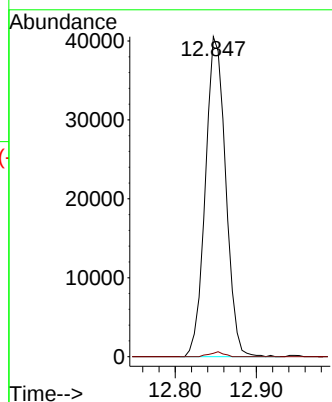
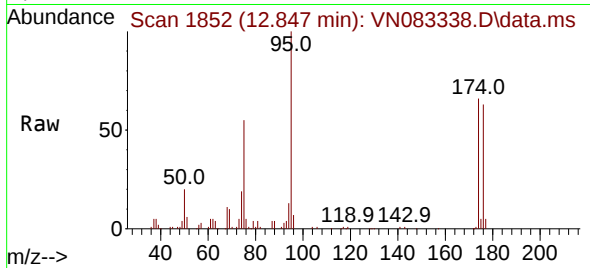




#76
1,2,3-Trichloropropane
Concen: 27.481 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.147 min
Lab File: VN083338.D
Acq: 15 Aug 2024 18:02

Instrument :
MSVOA_N
ClientSampleId :
Storage-Blank-SAMPLE-MANAGEMENT

Tgt Ion: 75 Resp: 70414
Ion Ratio Lower Upper
75 100
77 1.1 110.9 332.6#



#81
trans-1,4-Dichloro-2-butene
Concen: 59.777 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.112 min
Lab File: VN083338.D
Acq: 15 Aug 2024 18:02

Tgt Ion: 75 Resp: 70414
Ion Ratio Lower Upper
75 100
53 0.0 88.4 132.6#
89 0.0 36.3 54.5#

