

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN100124\
 Data File : VN084244.D
 Acq On : 01 Oct 2024 17:06
 Operator : JC\MD
 Sample : P4209-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 DRUM-1

Quant Time: Oct 02 02:05:24 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)

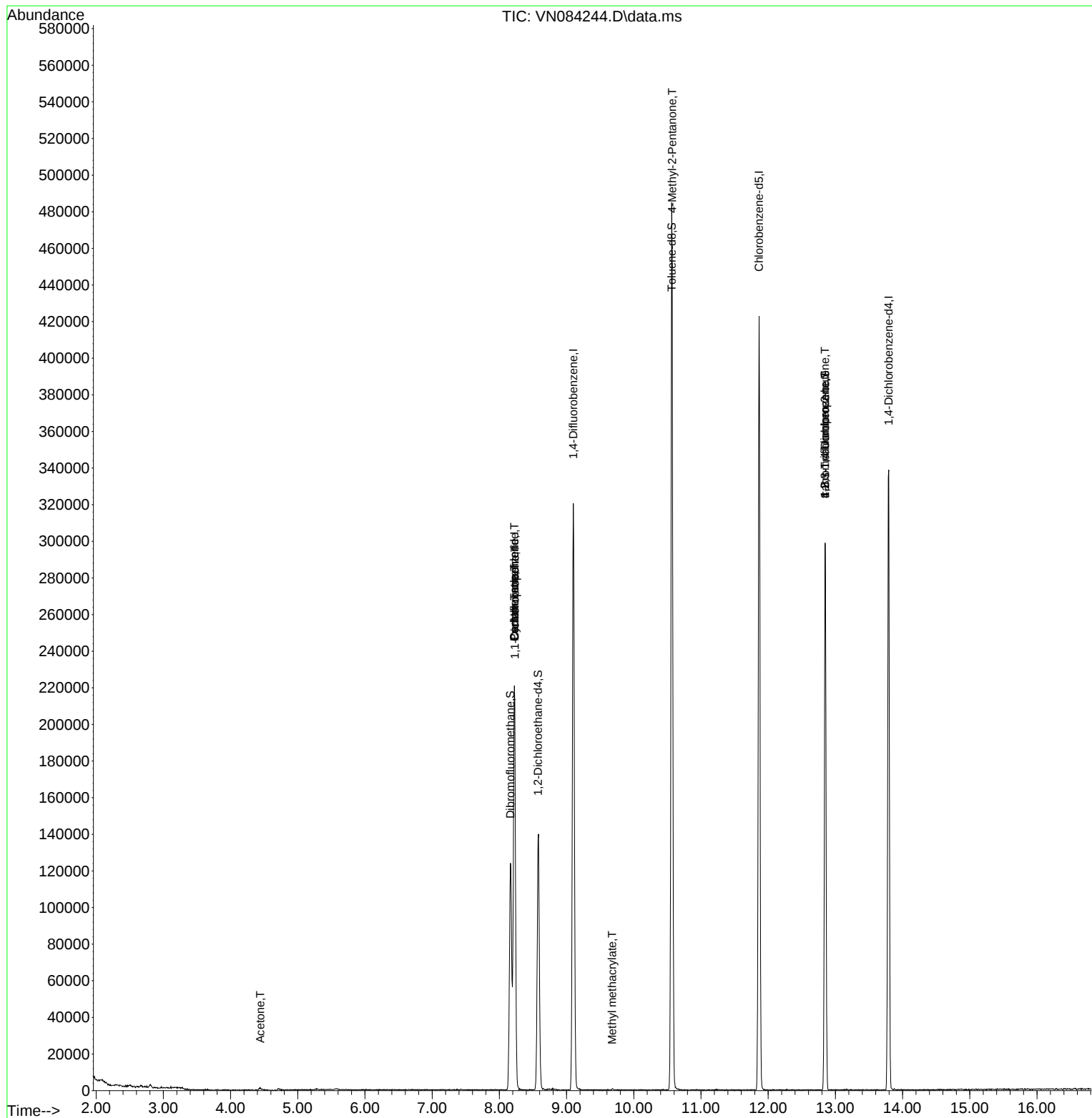
Internal Standards						
1) Pentafluorobenzene	8.224	168	155284	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	272200	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	234906	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	88367	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	115369	50.109	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	= 100.220%		
35) Dibromofluoromethane	8.165	113	89442	49.842	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 99.680%		
50) Toluene-d8	10.565	98	329347	49.884	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	= 99.760%		
62) 4-Bromofluorobenzene	12.847	95	101823	42.334	ug/l	0.00
Spiked Amount	50.000	Range 77 - 121	Recovery	= 84.660%		
Target Compounds						
					Qvalue	
16) Acetone	4.442	43	1819	1.839	ug/l	100
31) Cyclohexane	8.224	56	3846	1.128	ug/l #	9
36) 1,1-Dichloropropene	8.229	75	13538	5.194	ug/l #	49
38) Carbon Tetrachloride	8.224	117	18088	6.326	ug/l #	15
48) Methyl methacrylate	9.676	41	434	0.208	ug/l #	60
51) 4-Methyl-2-Pentanone	10.571	43	1328	0.522	ug/l #	1
76) 1,2,3-Trichloropropane	12.847	75	54836	30.396	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	54836	72.874	ug/l #	11

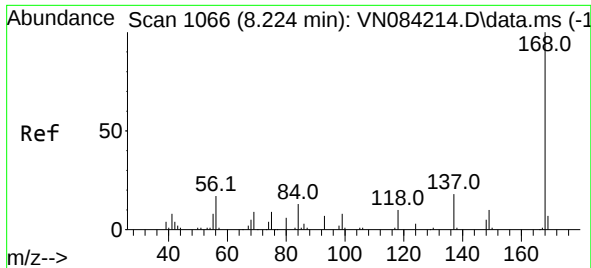
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :
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Quant Time: Oct 02 02:05:24 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

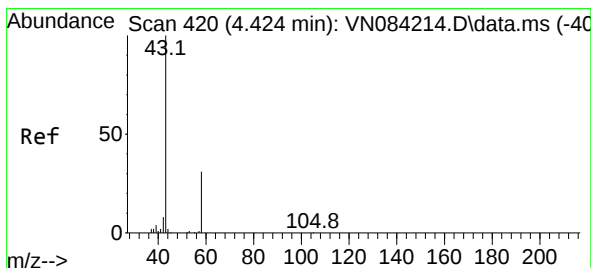
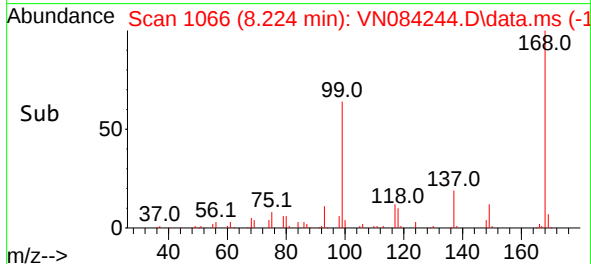
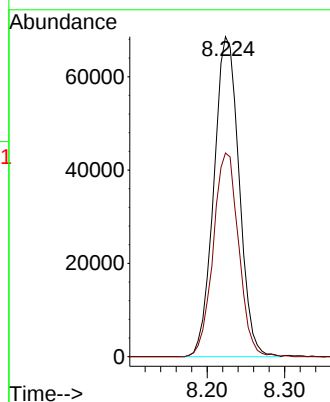
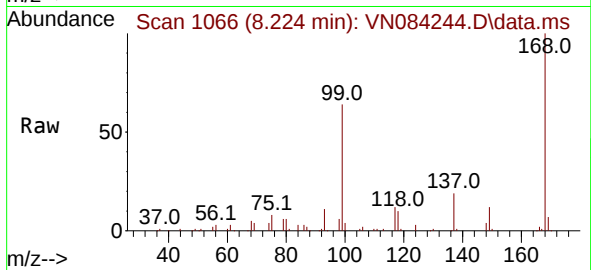




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN084244.D
Acq: 01 Oct 2024 17:06

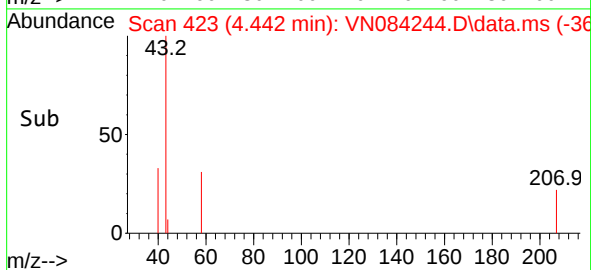
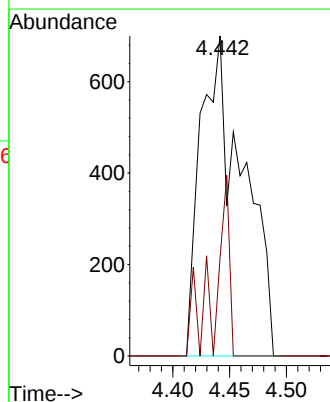
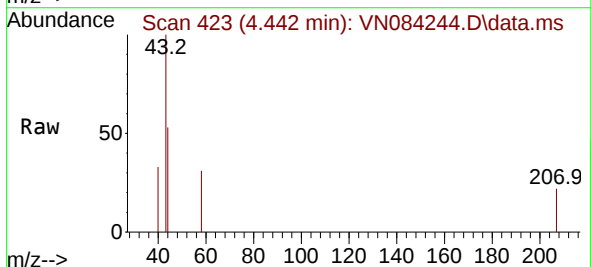
Instrument :
MSVOA_N
ClientSampleId :
DRUM-1

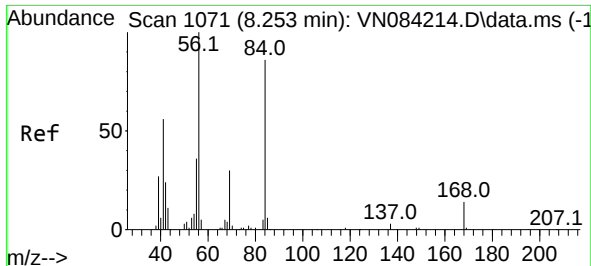
Tgt Ion:168 Resp: 155284
Ion Ratio Lower Upper
168 100
99 63.6 54.2 81.2



#16
Acetone
Concen: 1.839 ug/l
RT: 4.442 min Scan# 423
Delta R.T. 0.018 min
Lab File: VN084244.D
Acq: 01 Oct 2024 17:06

Tgt Ion: 43 Resp: 1819
Ion Ratio Lower Upper
43 100
58 30.6 24.4 36.6

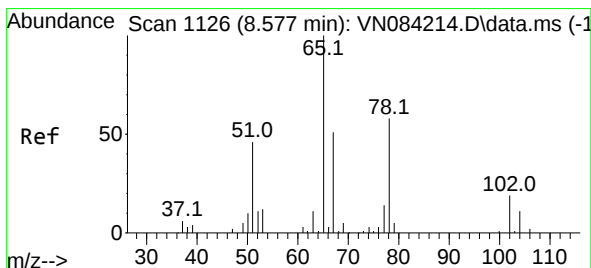
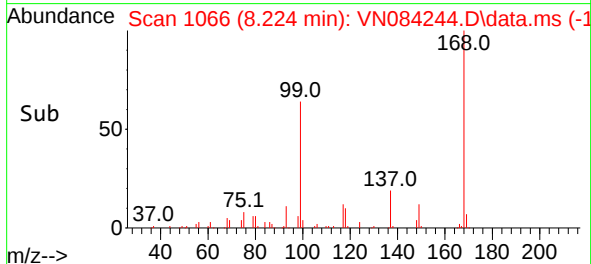
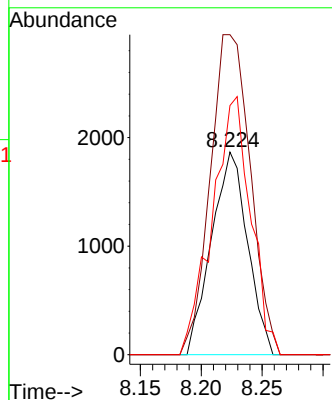
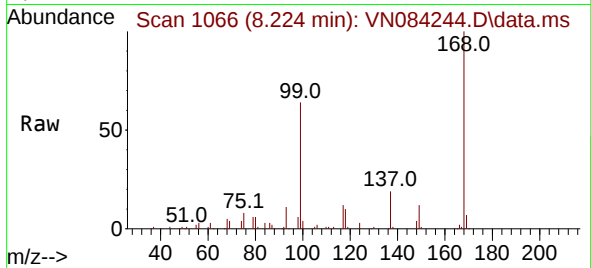




#31
Cyclohexane
Concen: 1.128 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.030 min
Lab File: VN084244.D
Acq: 01 Oct 2024 17:06

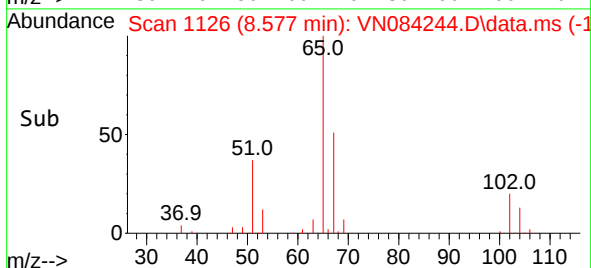
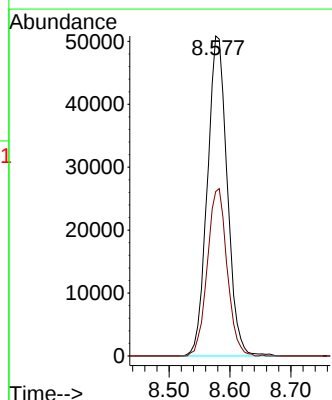
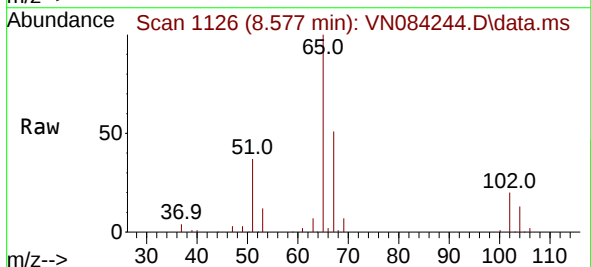
Instrument :
MSVOA_N
ClientSampleId :
DRUM-1

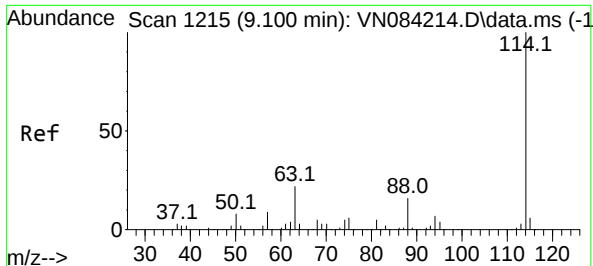
Tgt Ion: 56 Resp: 3846
Ion Ratio Lower Upper
56 100
69 157.9 23.8 35.6#
84 122.9 68.8 103.2#



#33
1,2-Dichloroethane-d4
Concen: 50.109 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN084244.D
Acq: 01 Oct 2024 17:06

Tgt Ion: 65 Resp: 115369
Ion Ratio Lower Upper
65 100
67 52.0 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: VN084244.D

Acq: 01 Oct 2024 17:06

Instrument :

MSVOA_N

ClientSampleId :

DRUM-1

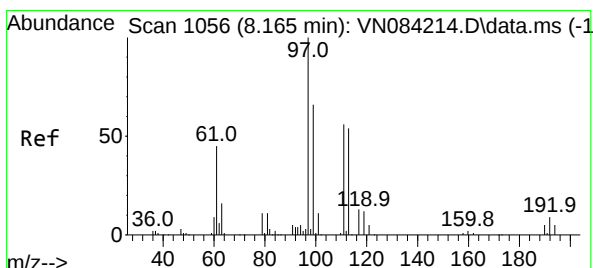
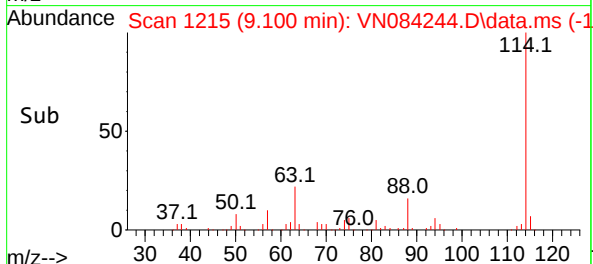
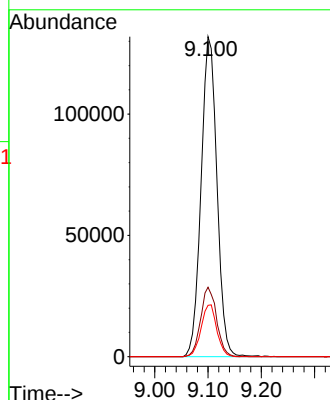
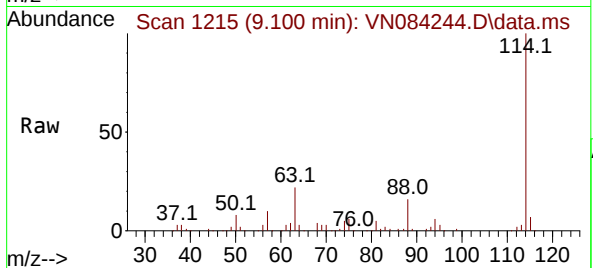
Tgt Ion:114 Resp: 272200

Ion Ratio Lower Upper

114 100

63 21.7 0.0 43.8

88 16.1 0.0 31.6



#35

Dibromofluoromethane

Concen: 49.842 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VN084244.D

Acq: 01 Oct 2024 17:06

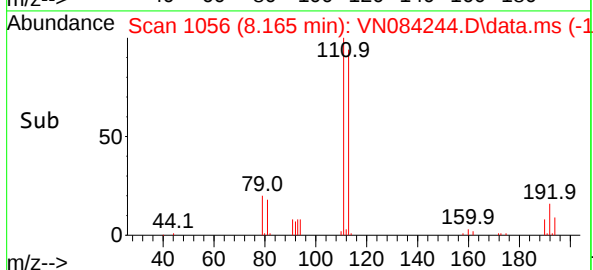
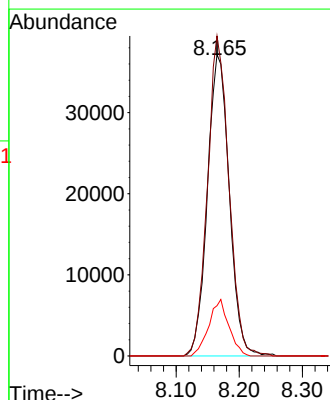
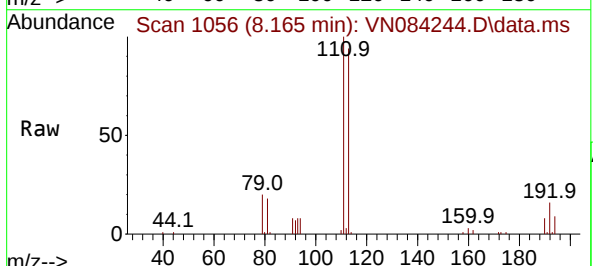
Tgt Ion:113 Resp: 89442

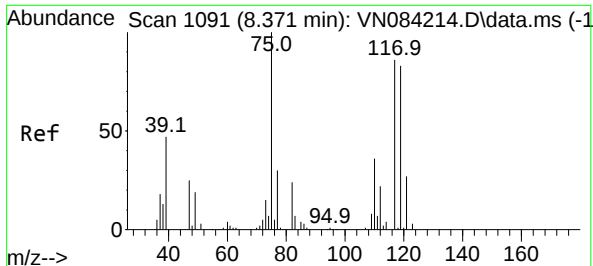
Ion Ratio Lower Upper

113 100

111 104.1 83.3 124.9

192 17.2 13.5 20.3





#36

1,1-Dichloropropene

Concen: 5.194 ug/l

RT: 8.229 min Scan# 1067

Delta R.T. -0.141 min

Lab File: VN084244.D

Acq: 01 Oct 2024 17:06

Instrument :

MSVOA_N

ClientSampleId :

DRUM-1

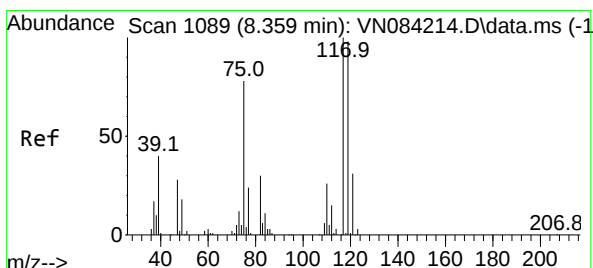
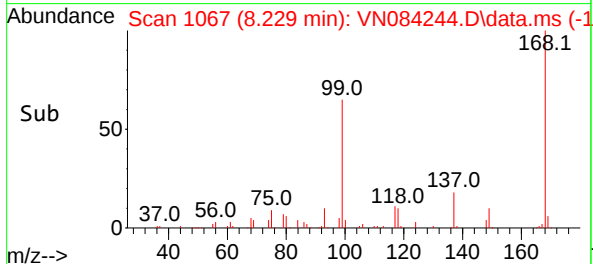
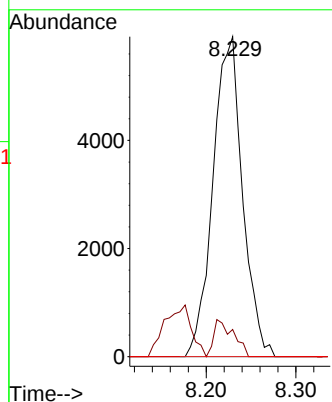
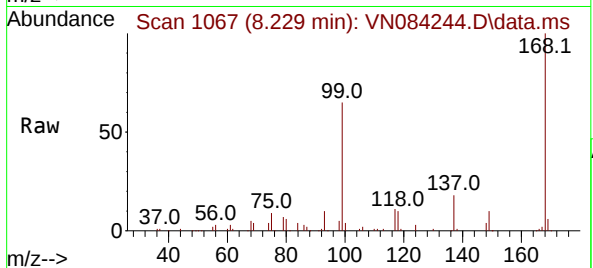
Tgt Ion: 75 Resp: 13538

Ion Ratio Lower Upper

75 100

110 7.7 16.9 50.7#

77 0.0 24.7 37.1#



#38

Carbon Tetrachloride

Concen: 6.326 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.135 min

Lab File: VN084244.D

Acq: 01 Oct 2024 17:06

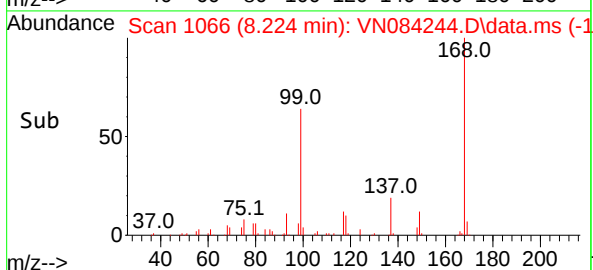
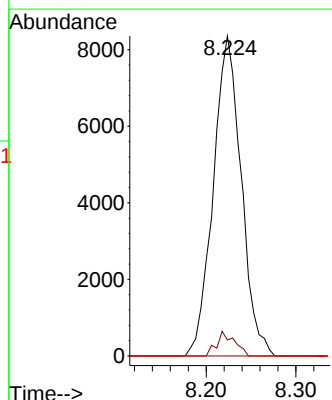
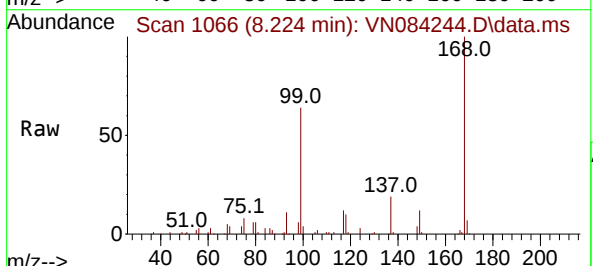
Tgt Ion: 117 Resp: 18088

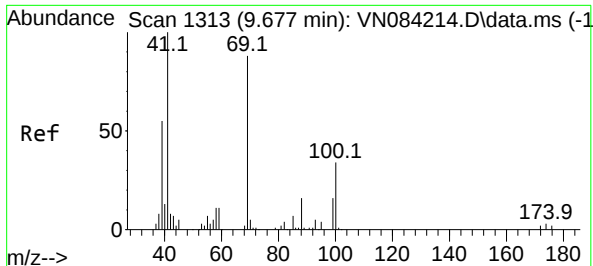
Ion Ratio Lower Upper

117 100

119 5.0 78.7 118.1#

121 0.0 24.4 36.6#





#48

Methyl methacrylate

Concen: 0.208 ug/l

RT: 9.676 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN084244.D

Acq: 01 Oct 2024 17:06

Instrument :

MSVOA_N

ClientSampleId :

DRUM-1

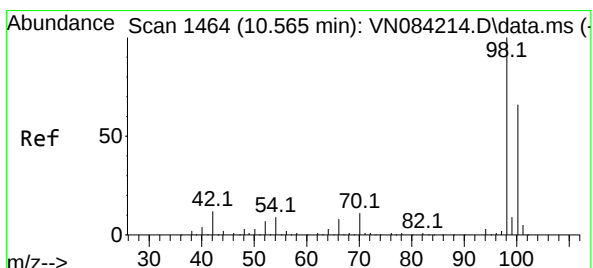
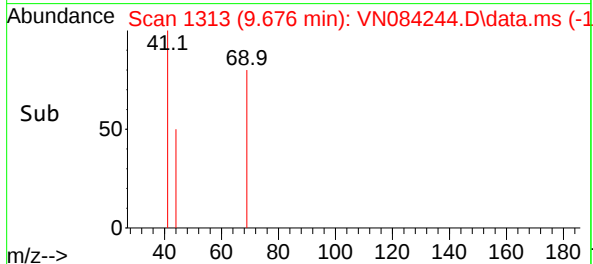
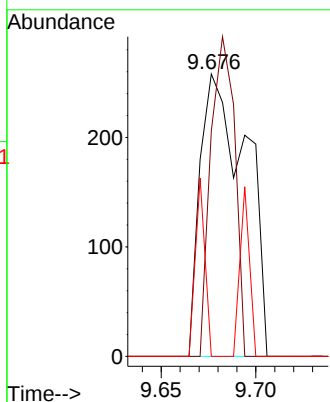
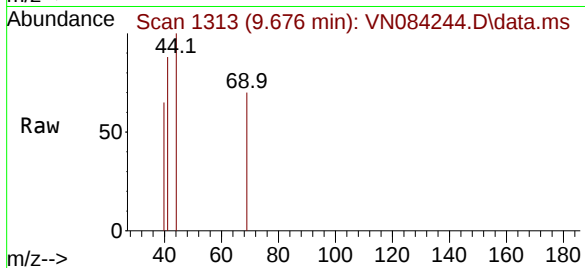
Tgt Ion: 41 Resp: 434

Ion Ratio Lower Upper

41 100

69 59.2 67.1 100.7#

39 13.4 45.8 68.6#



#50

Toluene-d8

Concen: 49.884 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. -0.000 min

Lab File: VN084244.D

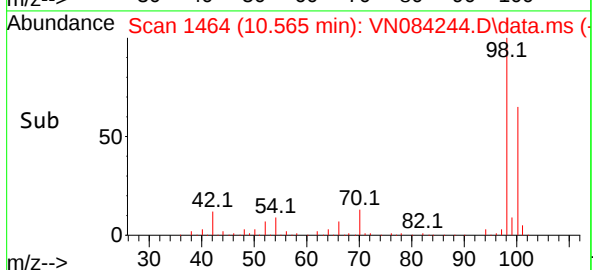
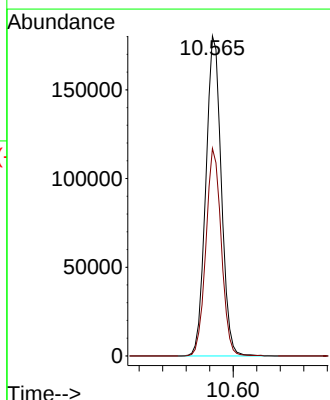
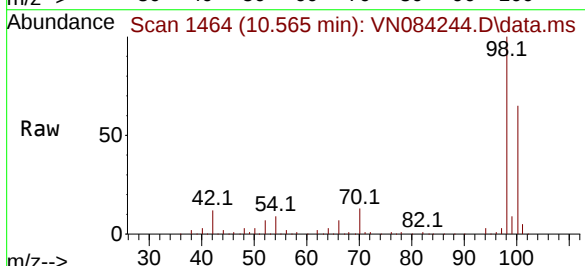
Acq: 01 Oct 2024 17:06

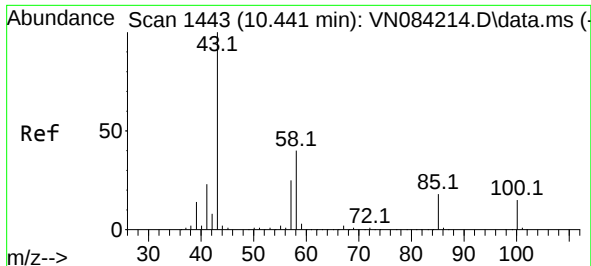
Tgt Ion: 98 Resp: 329347

Ion Ratio Lower Upper

98 100

100 64.3 52.7 79.1





#51

4-Methyl-2-Pentanone

Concen: 0.522 ug/l

RT: 10.571 min Scan# 1443

Delta R.T. 0.129 min

Lab File: VN084244.D

Acq: 01 Oct 2024 17:06

Instrument :

MSVOA_N

ClientSampleId :

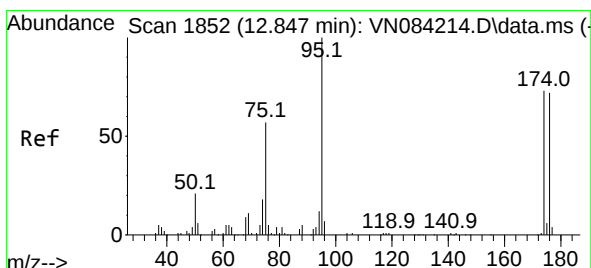
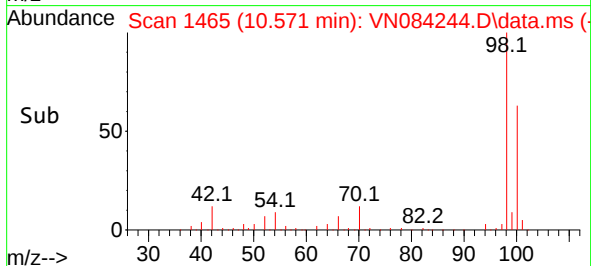
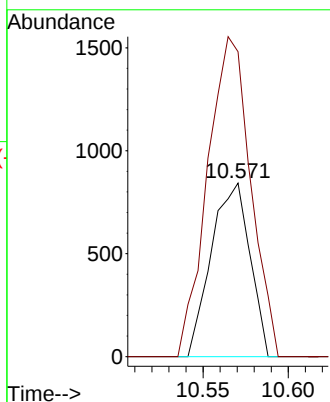
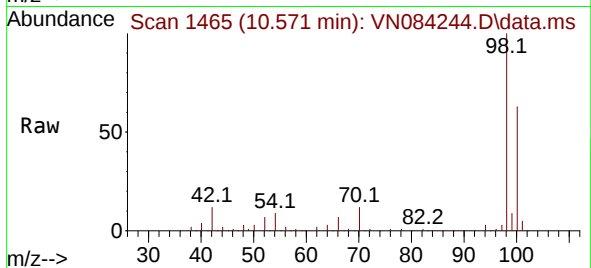
DRUM-1

Tgt Ion: 43 Resp: 1328

Ion Ratio Lower Upper

43 100

58 205.6 31.6 47.4#



#62

4-Bromofluorobenzene

Concen: 42.334 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. -0.000 min

Lab File: VN084244.D

Acq: 01 Oct 2024 17:06

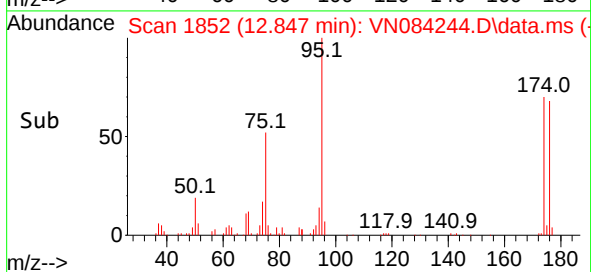
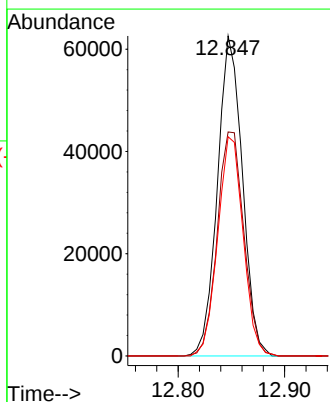
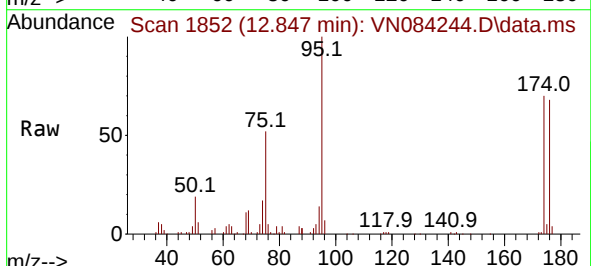
Tgt Ion: 95 Resp: 101823

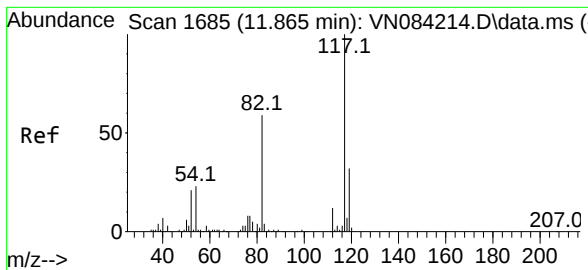
Ion Ratio Lower Upper

95 100

174 74.6 0.0 145.2

176 69.8 0.0 140.0

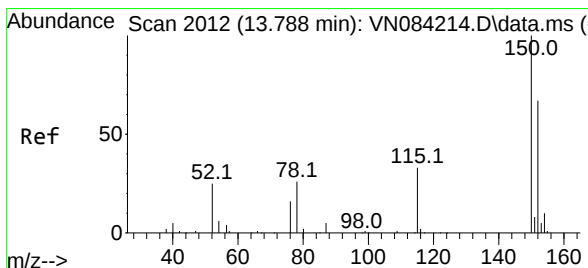
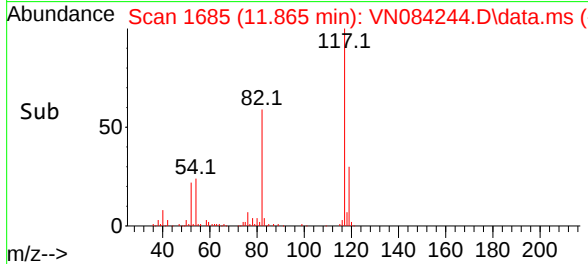
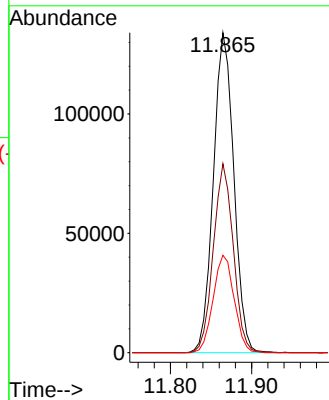
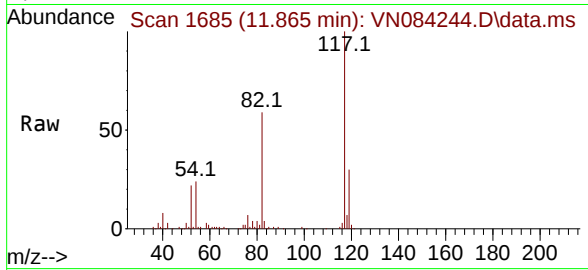




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN084244.D
Acq: 01 Oct 2024 17:06

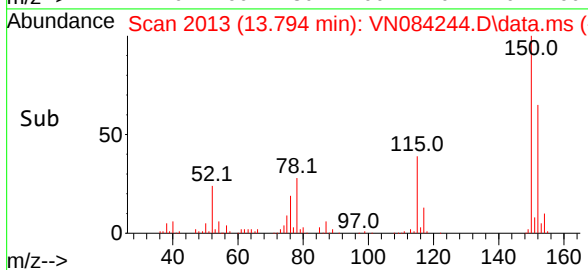
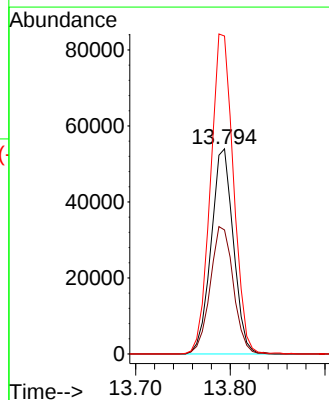
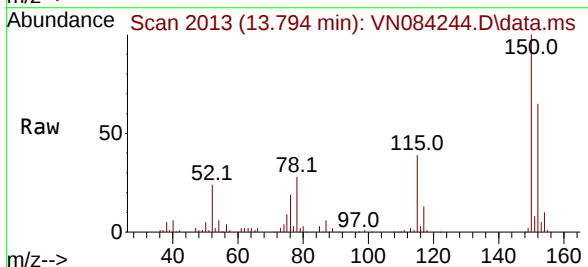
Instrument :
MSVOA_N
ClientSampleId :
DRUM-1

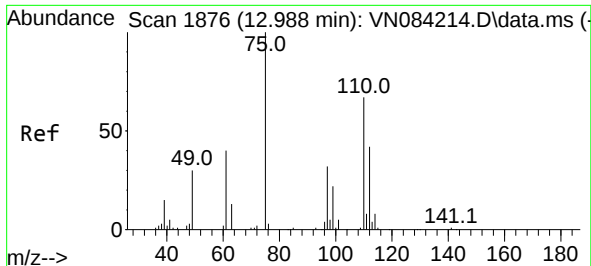
Tgt Ion:117 Resp: 234906
Ion Ratio Lower Upper
117 100
82 59.1 47.2 70.8
119 30.5 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.006 min
Lab File: VN084244.D
Acq: 01 Oct 2024 17:06

Tgt Ion:152 Resp: 88367
Ion Ratio Lower Upper
152 100
115 64.4 31.3 93.9
150 160.2 0.0 349.8

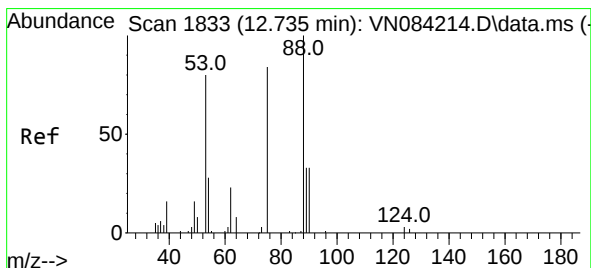
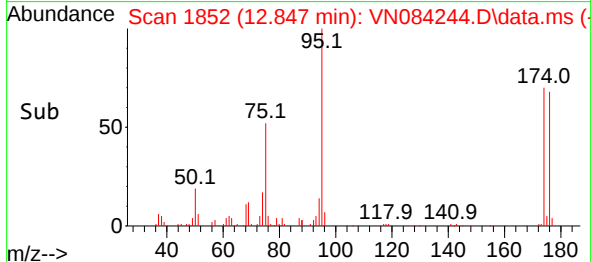
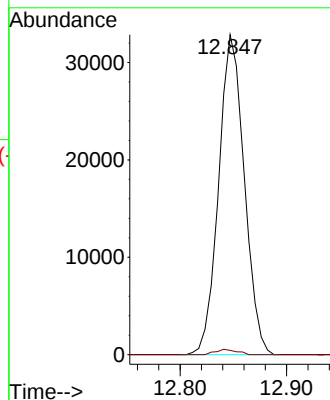
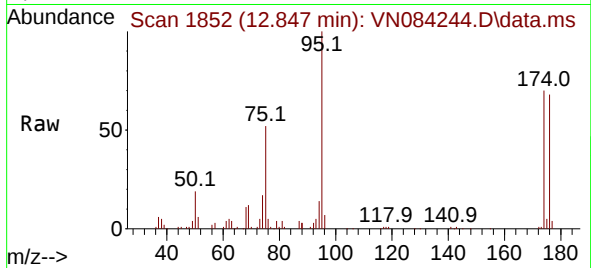




#76
1,2,3-Trichloropropane
Concen: 30.396 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.141 min
Lab File: VN084244.D
Acq: 01 Oct 2024 17:06

Instrument :
MSVOA_N
ClientSampleId :
DRUM-1

Tgt Ion: 75 Resp: 54836
Ion Ratio Lower Upper
75 100
77 1.4 96.9 290.7#



#81
trans-1,4-Dichloro-2-butene
Concen: 72.874 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.112 min
Lab File: VN084244.D
Acq: 01 Oct 2024 17:06

Tgt Ion: 75 Resp: 54836
Ion Ratio Lower Upper
75 100
53 0.0 78.0 117.0#
89 0.0 35.5 53.3#

