

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN100224\
 Data File : VN084259.D
 Acq On : 02 Oct 2024 12:48
 Operator : JC\MD
 Sample : VN1002WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Oct 03 01:56:45 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	160245	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	281020	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	246426	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	98955	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	120293	50.630	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	101.260%
35) Dibromofluoromethane	8.165	113	94032	50.755	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	101.520%
50) Toluene-d8	10.565	98	342184	50.202	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	100.400%
62) 4-Bromofluorobenzene	12.847	95	117560	47.342	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	94.680%

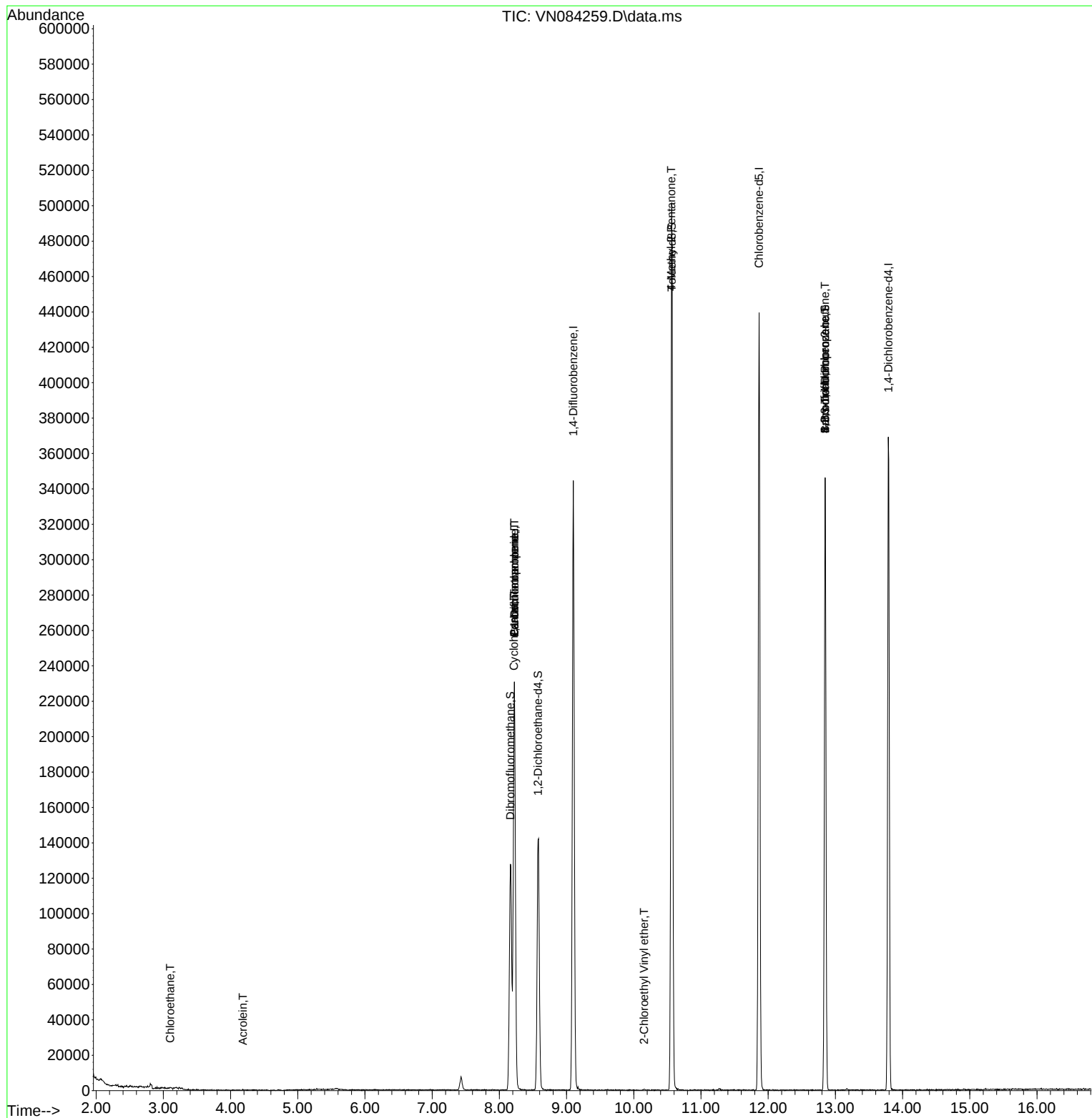
Target Compounds					Qvalue	
6) Chloroethane	3.101	64	317	0.211	ug/l #	45
13) Acrolein	4.183	56	116	0.258	ug/l #	14
31) Cyclohexane	8.218	56	3693	1.049	ug/l #	20
36) 1,1-Dichloropropene	8.224	75	13867	5.153	ug/l #	44
38) Carbon Tetrachloride	8.224	117	17864	6.052	ug/l #	16
51) 4-Methyl-2-Pentanone	10.559	43	1514	0.576	ug/l #	1
58) 2-Chloroethyl Vinyl ether	10.153	63	321	0.229	ug/l #	48
71) Bromoform	12.847	173	763	0.551	ug/l #	1
76) 1,2,3-Trichloropropane	12.847	75	61982	30.681	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	61982	73.557	ug/l #	11

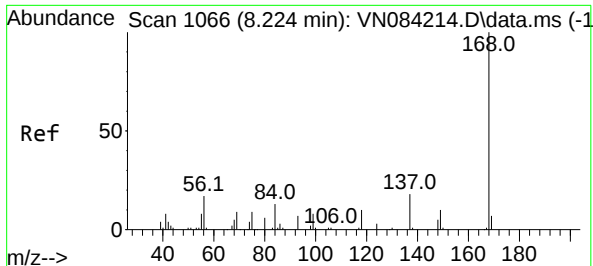
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN100224\
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Quant Title : SW846 8260
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Response via : Initial Calibration

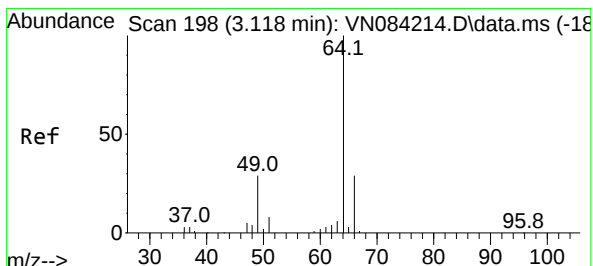
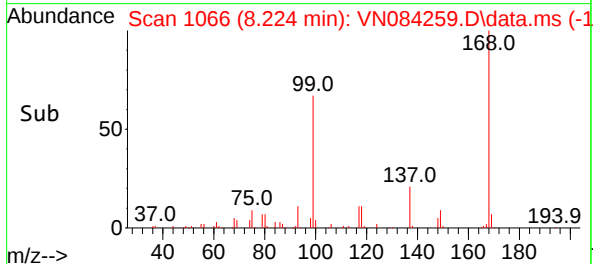
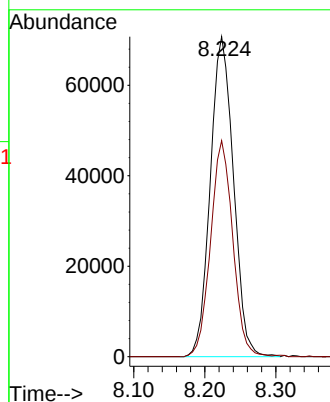
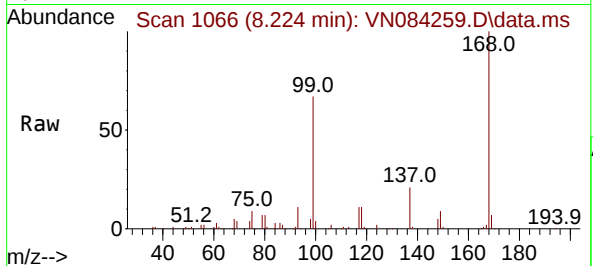




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN084259.D
Acq: 02 Oct 2024 12:48

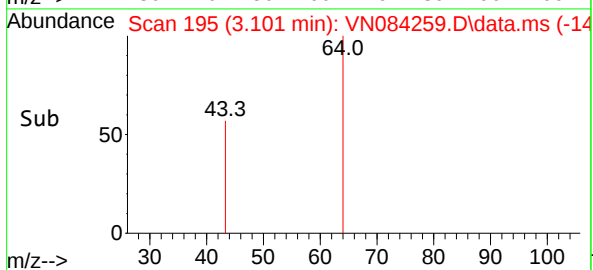
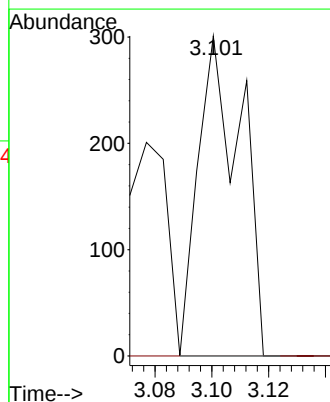
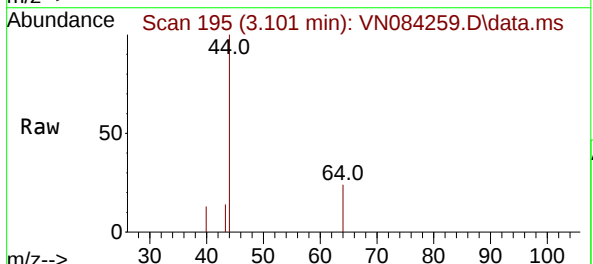
Instrument :
MSVOA_N
ClientSampleId :

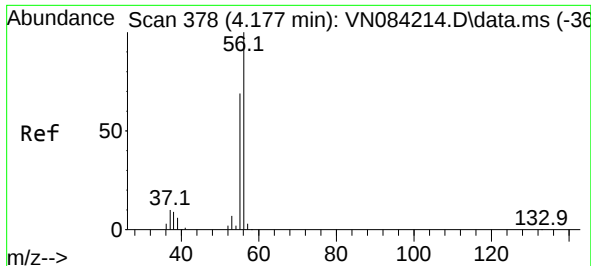
Tgt Ion:168 Resp: 160245
Ion Ratio Lower Upper
168 100
99 67.5 54.2 81.2



#6
Chloroethane
Concen: 0.211 ug/l
RT: 3.101 min Scan# 195
Delta R.T. -0.018 min
Lab File: VN084259.D
Acq: 02 Oct 2024 12:48

Tgt Ion: 64 Resp: 317
Ion Ratio Lower Upper
64 100
66 0.0 23.5 35.3#





#13

Acrolein

Concen: 0.258 ug/l

RT: 4.183 min Scan# 31

Delta R.T. 0.006 min

Lab File: VN084259.D

Acq: 02 Oct 2024 12:48

Instrument :

MSVOA_N

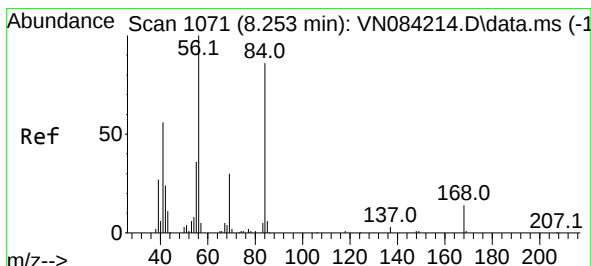
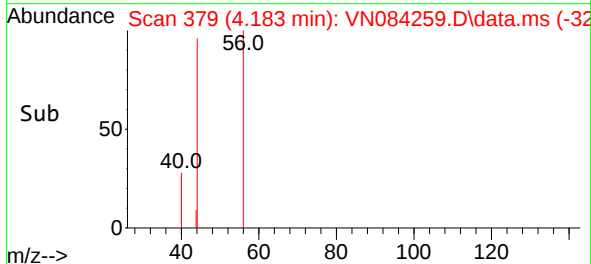
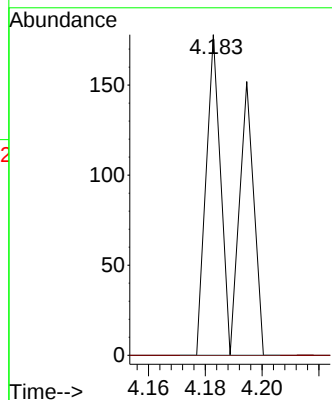
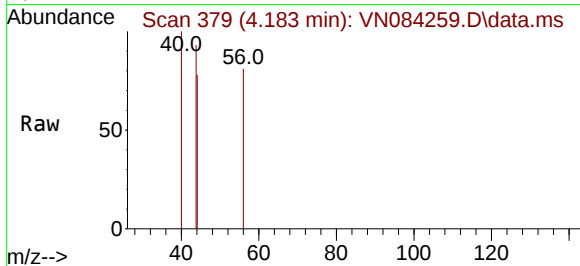
ClientSampleId :

Tgt Ion: 56 Resp: 116

Ion Ratio Lower Upper

56 100

55 0.0 57.2 85.8#



#31

Cyclohexane

Concen: 1.049 ug/l

RT: 8.218 min Scan# 1065

Delta R.T. -0.035 min

Lab File: VN084259.D

Acq: 02 Oct 2024 12:48

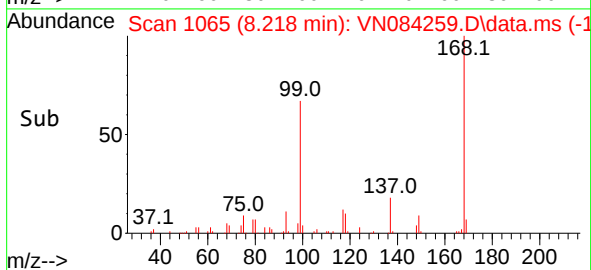
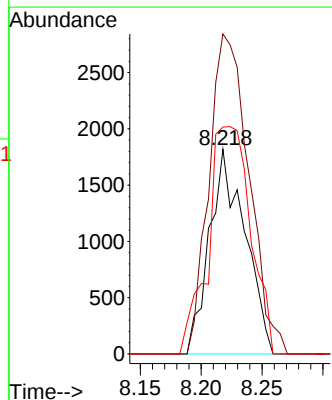
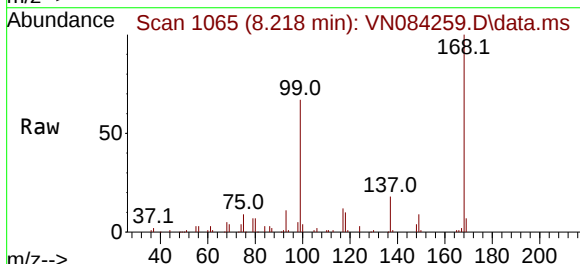
Tgt Ion: 56 Resp: 3693

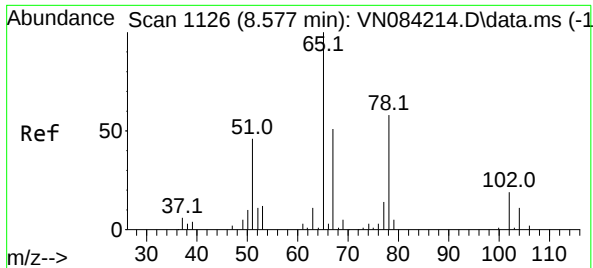
Ion Ratio Lower Upper

56 100

69 156.4 23.8 35.6#

84 110.9 68.8 103.2#

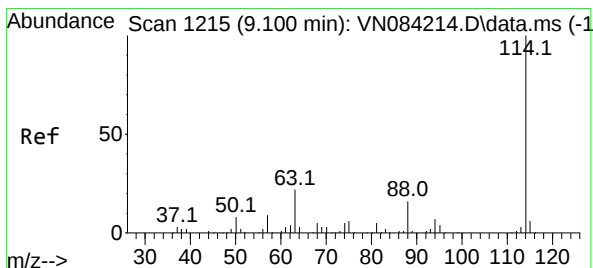
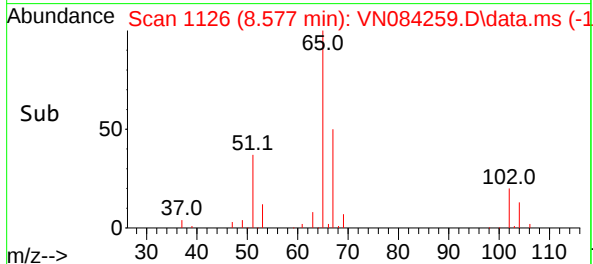
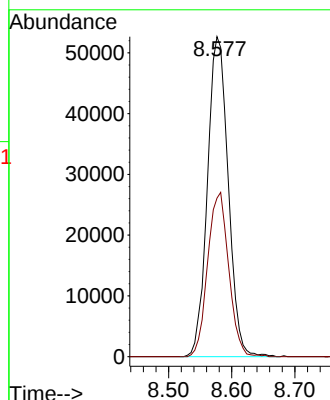
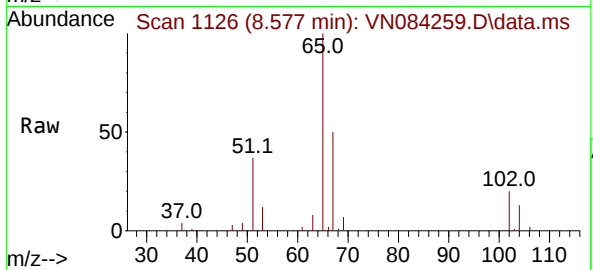




#33
 1,2-Dichloroethane-d4
 Concen: 50.630 ug/l
 RT: 8.577 min Scan# 1126
 Delta R.T. 0.000 min
 Lab File: VN084259.D
 Acq: 02 Oct 2024 12:48

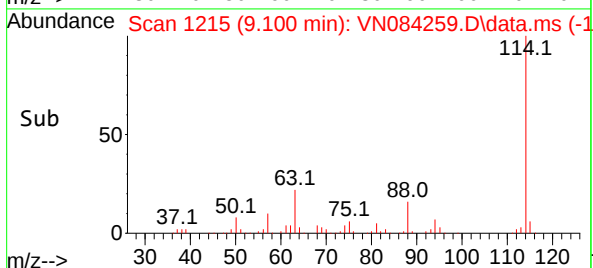
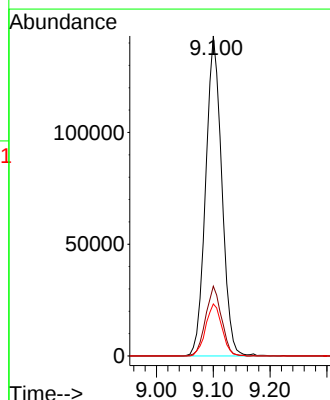
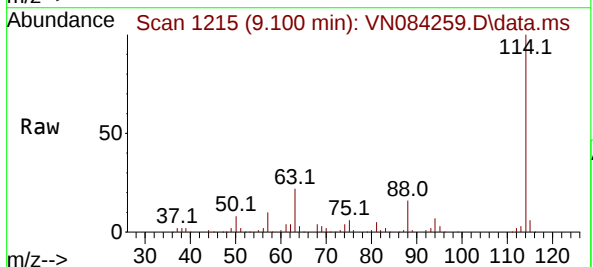
Instrument :
 MSVOA_N
 ClientSampleId :

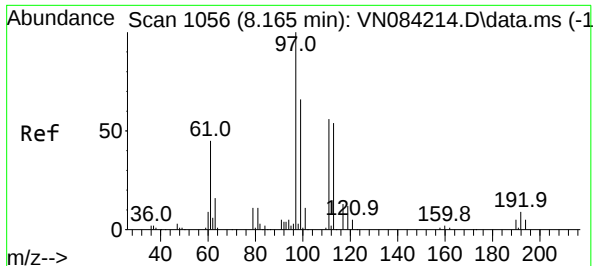
Tgt Ion: 65 Resp: 120293
 Ion Ratio Lower Upper
 65 100
 67 52.1 0.0 102.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.100 min Scan# 1215
 Delta R.T. 0.000 min
 Lab File: VN084259.D
 Acq: 02 Oct 2024 12:48

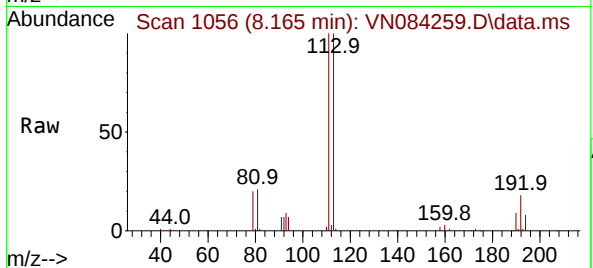
Tgt Ion: 114 Resp: 281020
 Ion Ratio Lower Upper
 114 100
 63 21.8 0.0 43.8
 88 16.2 0.0 31.6



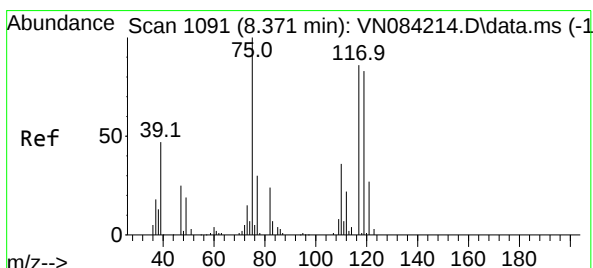
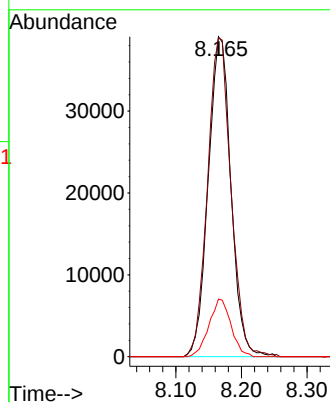
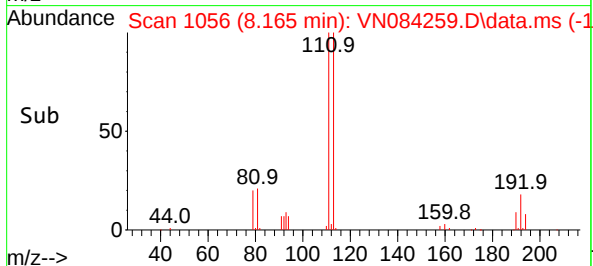


#35
Dibromofluoromethane
Concen: 50.755 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN084259.D
Acq: 02 Oct 2024 12:48

Instrument :
MSVOA_N
ClientSampleId :

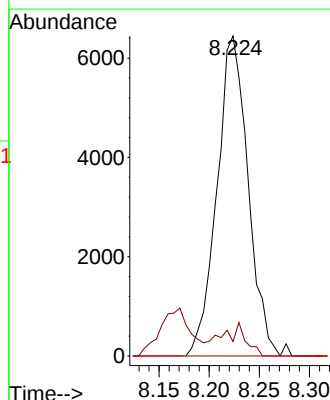
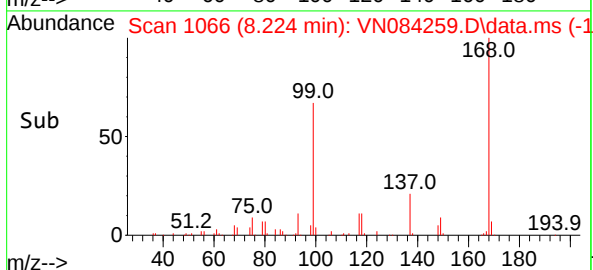
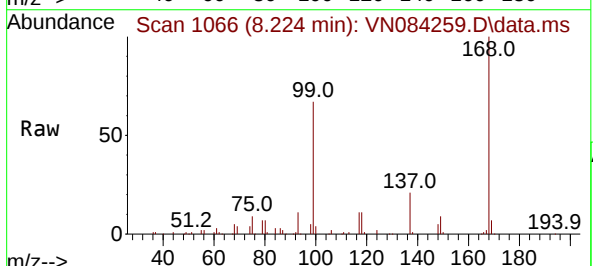


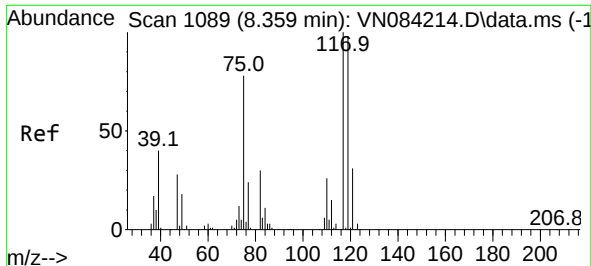
Tgt Ion:113 Resp: 94032
Ion Ratio Lower Upper
113 100
111 102.9 83.3 124.9
192 17.5 13.5 20.3



#36
1,1-Dichloropropene
Concen: 5.153 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.147 min
Lab File: VN084259.D
Acq: 02 Oct 2024 12:48

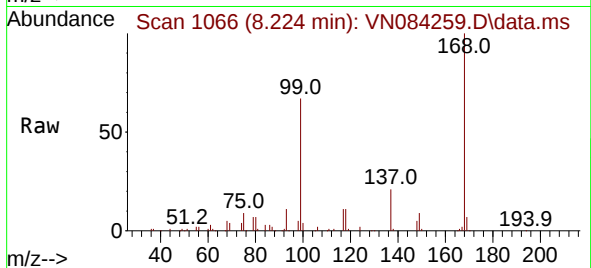
Tgt Ion: 75 Resp: 13867
Ion Ratio Lower Upper
75 100
110 1.8 16.9 50.7#
77 0.0 24.7 37.1#



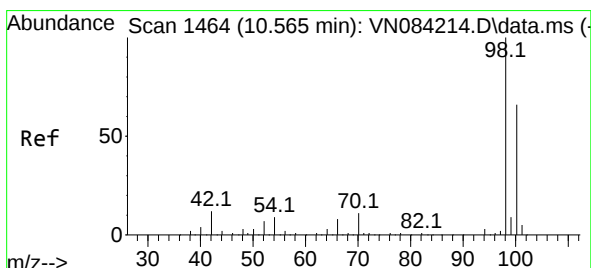
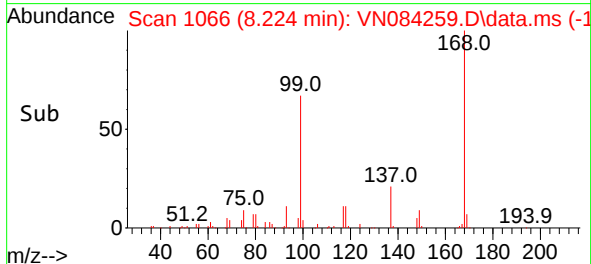
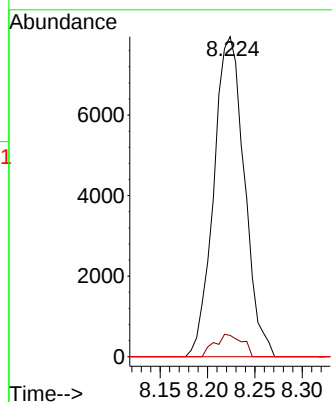


#38
Carbon Tetrachloride
Concen: 6.052 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.135 min
Lab File: VN084259.D
Acq: 02 Oct 2024 12:48

Instrument :
MSVOA_N
ClientSampleId :

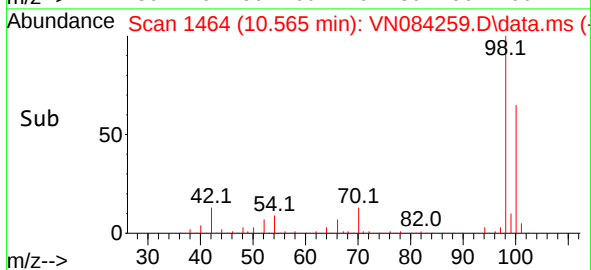
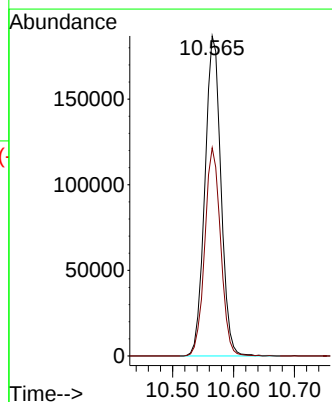
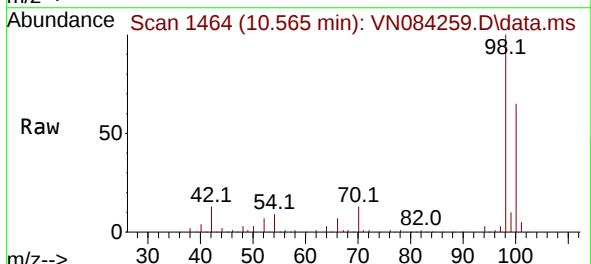


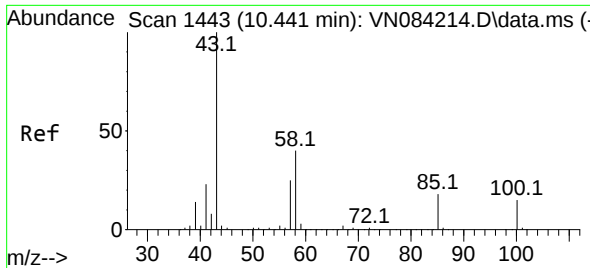
Tgt Ion:117 Resp: 17864
Ion Ratio Lower Upper
117 100
119 6.6 78.7 118.1#
121 0.0 24.4 36.6#



#50
Toluene-d8
Concen: 50.202 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VN084259.D
Acq: 02 Oct 2024 12:48

Tgt Ion: 98 Resp: 342184
Ion Ratio Lower Upper
98 100
100 64.3 52.7 79.1

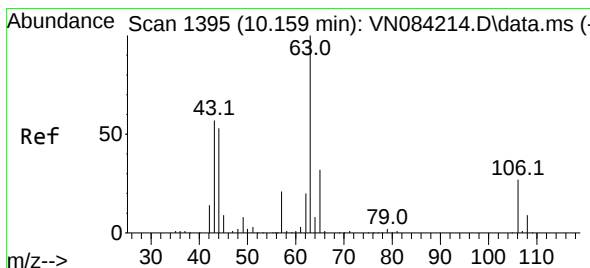
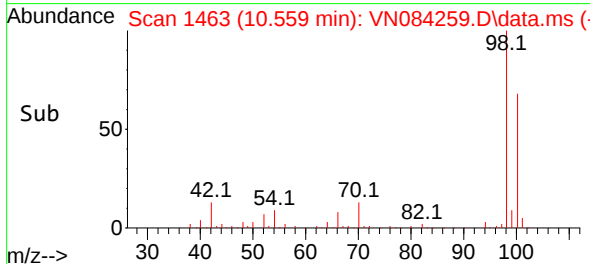
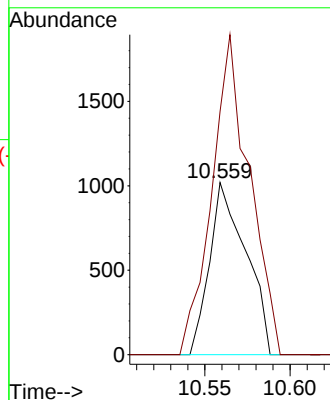
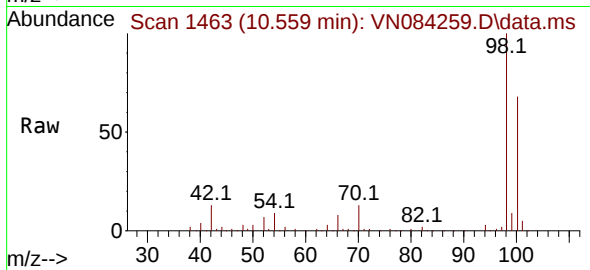




#51
4-Methyl-2-Pentanone
Concen: 0.576 ug/l
RT: 10.559 min Scan# 1443
Delta R.T. 0.118 min
Lab File: VN084259.D
Acq: 02 Oct 2024 12:48

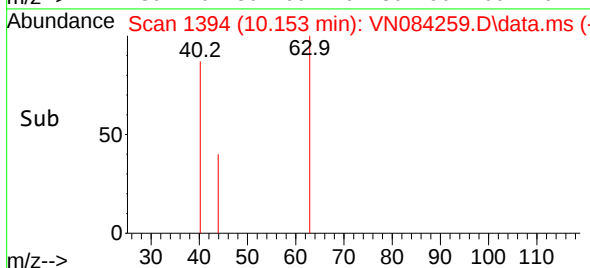
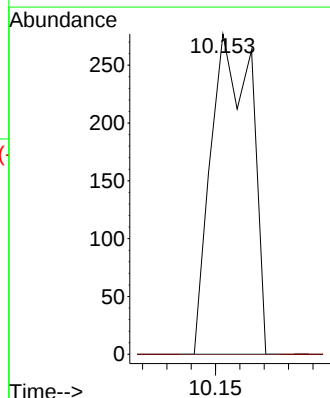
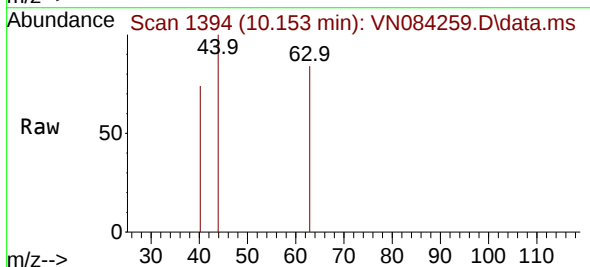
Instrument :
MSVOA_N
ClientSampleId :

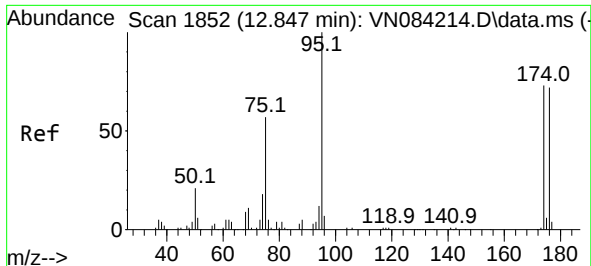
Tgt Ion: 43 Resp: 1514
Ion Ratio Lower Upper
43 100
58 192.4 31.6 47.4#



#58
2-Chloroethyl Vinyl ether
Concen: 0.229 ug/l
RT: 10.153 min Scan# 1394
Delta R.T. -0.006 min
Lab File: VN084259.D
Acq: 02 Oct 2024 12:48

Tgt Ion: 63 Resp: 321
Ion Ratio Lower Upper
63 100
106 0.0 21.8 32.6#





#62

4-Bromofluorobenzene

Concen: 47.342 ug/l

RT: 12.847 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN084259.D

Acq: 02 Oct 2024 12:48

Instrument :

MSVOA_N

ClientSampleId :

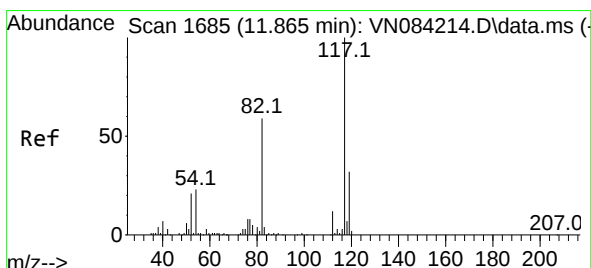
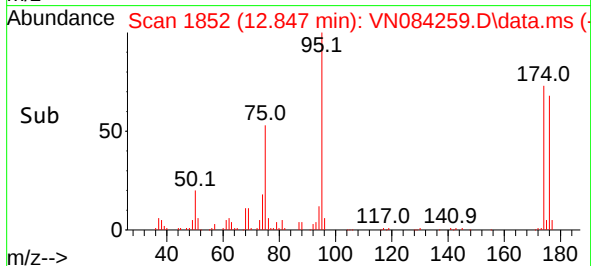
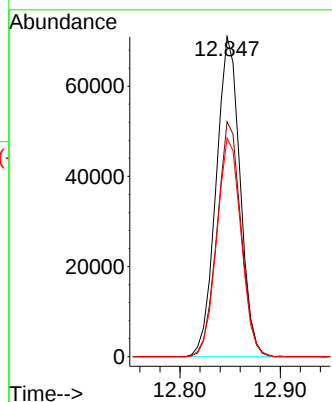
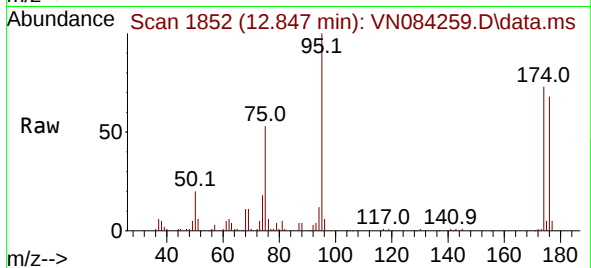
Tgt Ion: 95 Resp: 117560

Ion Ratio Lower Upper

95 100

174 73.9 0.0 145.2

176 69.6 0.0 140.0



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.865 min Scan# 1685

Delta R.T. 0.000 min

Lab File: VN084259.D

Acq: 02 Oct 2024 12:48

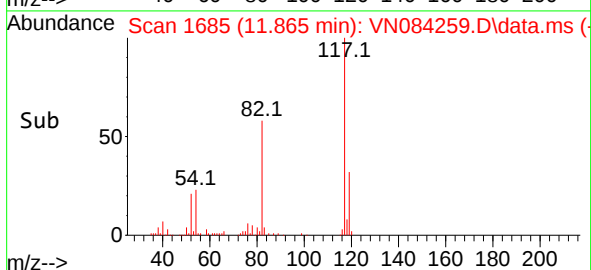
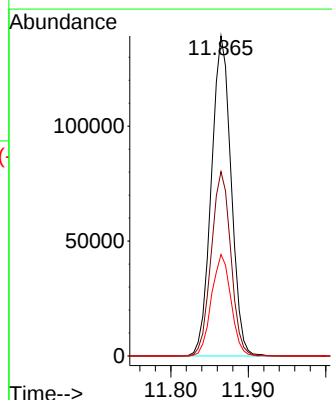
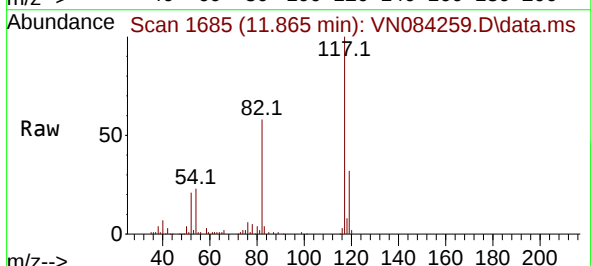
Tgt Ion: 117 Resp: 246426

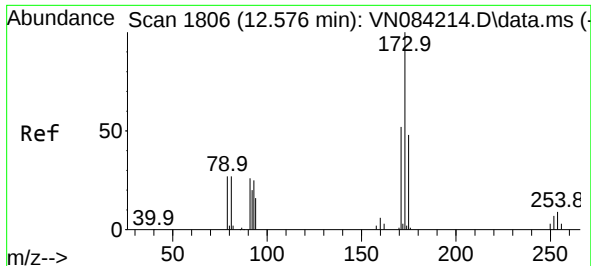
Ion Ratio Lower Upper

117 100

82 57.6 47.2 70.8

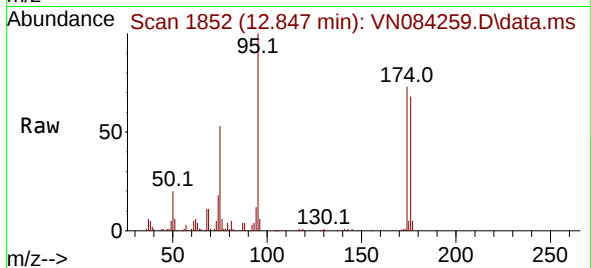
119 31.7 25.4 38.0



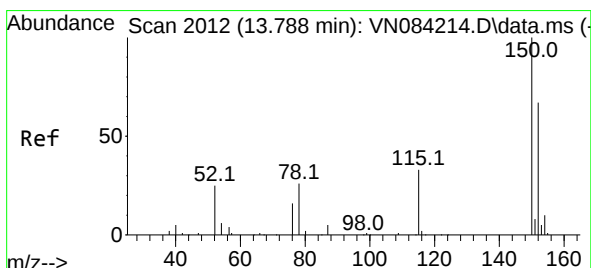
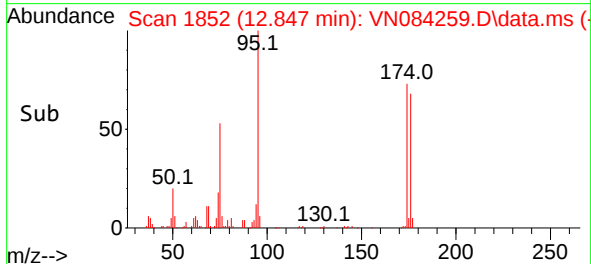
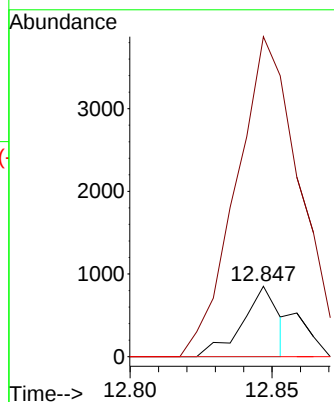


#71
Bromoform
Concen: 0.551 ug/l
RT: 12.847 min Scan# 1806
Delta R.T. 0.271 min
Lab File: VN084259.D
Acq: 02 Oct 2024 12:48

Instrument :
MSVOA_N
ClientSampleId :

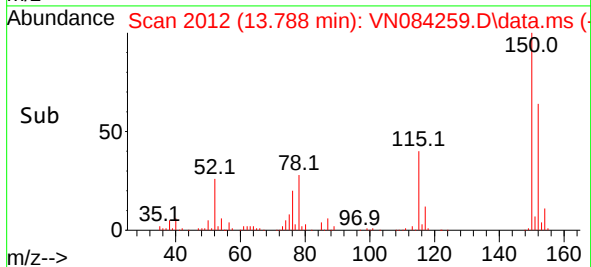
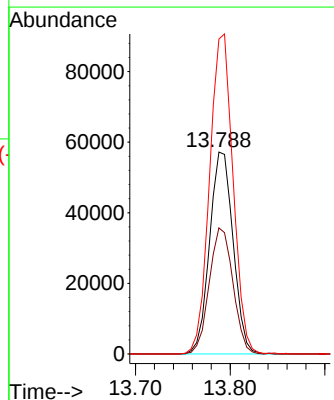
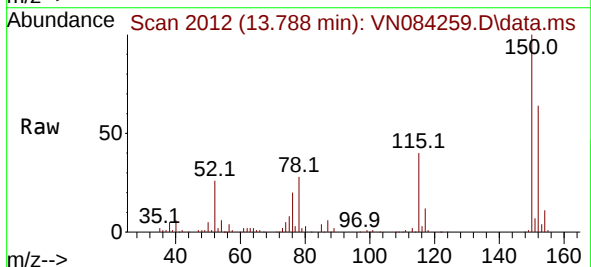


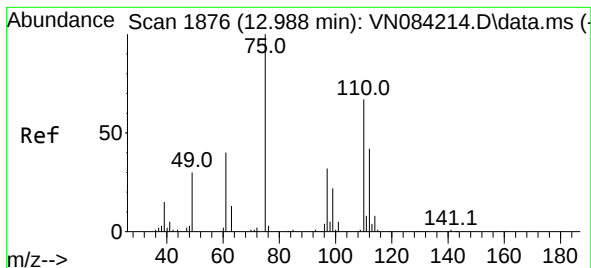
Tgt Ion:173 Resp: 763
Ion Ratio Lower Upper
173 100
175 589.6 23.5 70.6#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. 0.000 min
Lab File: VN084259.D
Acq: 02 Oct 2024 12:48

Tgt Ion:152 Resp: 98955
Ion Ratio Lower Upper
152 100
115 62.8 31.3 93.9
150 157.5 0.0 349.8





#76

1,2,3-Trichloropropane

Concen: 30.681 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. -0.141 min

Lab File: VN084259.D

Acq: 02 Oct 2024 12:48

Instrument :

MSVOA_N

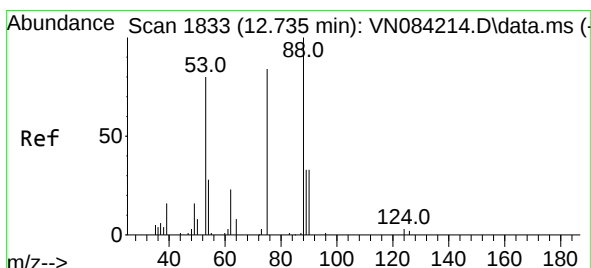
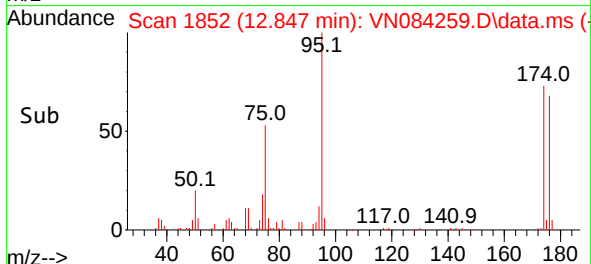
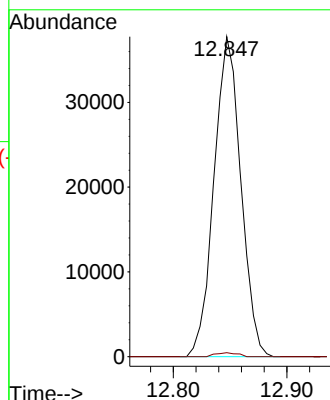
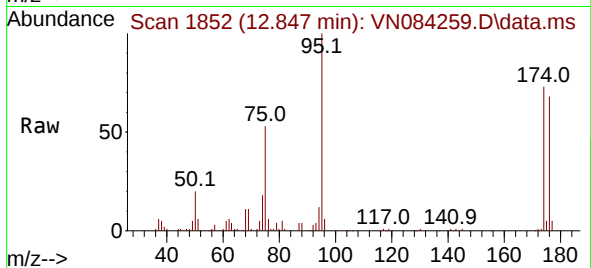
ClientSampleId :

Tgt Ion: 75 Resp: 61982

Ion Ratio Lower Upper

75 100

77 1.0 96.9 290.7#



#81

trans-1,4-Dichloro-2-butene

Concen: 73.557 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. 0.112 min

Lab File: VN084259.D

Acq: 02 Oct 2024 12:48

Tgt Ion: 75 Resp: 61982

Ion Ratio Lower Upper

75 100

53 0.0 78.0 117.0#

89 0.0 35.5 53.3#

