

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111424\
 Data File : VN084856.D
 Acq On : 14 Nov 2024 16:59
 Operator : JC\MD
 Sample : P4821-04
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Nov 15 00:50:18 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N103024W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 31 18:45:38 2024
 Response via : Initial Calibration

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

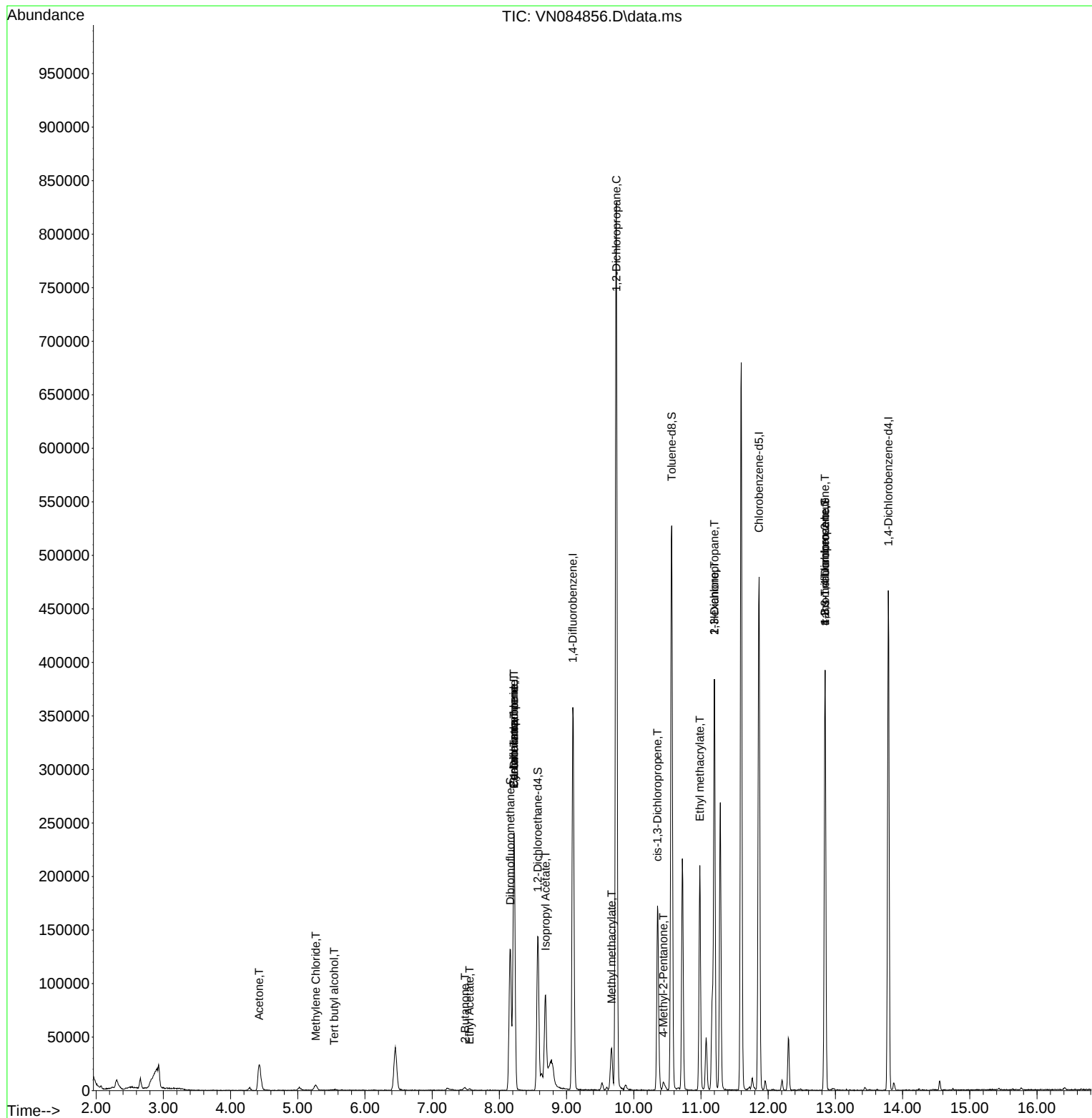
Internal Standards						
1) Pentafluorobenzene	8.218	168	177056	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.094	114	308645	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	281426	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	126089	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.571	65	121957	47.690	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	95.380%		
35) Dibromofluoromethane	8.165	113	97875	46.849	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	93.700%		
50) Toluene-d8	10.565	98	371601	48.286	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	96.580%		
62) 4-Bromofluorobenzene	12.847	95	138579	48.182	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	96.360%		
Target Compounds						
					Qvalue	
3) Chloromethane	2.354	50	394	Below Cal	#	41
6) Chloroethane	3.118	64	298	Below Cal	#	45
11) Tert butyl alcohol	5.542	59	524	1.552	ug/l #	73
16) Acetone	4.424	43	47183	61.725	ug/l	97
18) Methyl Acetate	5.024	43	5348	Below Cal		91
20) Methylene Chloride	5.271	84	4160	1.850	ug/l #	75
25) 2-Butanone	7.488	43	4086	3.425	ug/l	97
31) Cyclohexane	8.218	56	3673	1.040	ug/l #	1
36) 1,1-Dichloropropene	8.218	75	14399	4.970	ug/l #	49
37) Ethyl Acetate	7.559	43	2283	0.868	ug/l #	78
38) Carbon Tetrachloride	8.218	117	18409	5.684	ug/l #	15
43) Isopropyl Acetate	8.688	43	120687	24.356	ug/l #	86
45) 1,2-Dichloropropane	9.741	63	932	0.427	ug/l #	44
48) Methyl methacrylate	9.671	41	2699	1.319	ug/l #	41
51) 4-Methyl-2-Pentanone	10.441	43	7829	3.124	ug/l #	77
54) cis-1,3-Dichloropropene	10.353	75	30768	8.650	ug/l #	59
56) Ethyl methacrylate	10.982	69	963	0.325	ug/l #	1
57) 1,3-Dichloropropane	11.200	76	4132	1.174	ug/l #	42
59) 2-Hexanone	11.200	43	44010	24.127	ug/l #	59
76) 1,2,3-Trichloropropane	12.847	75	70786	28.085	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	70786	66.628	ug/l #	11
88) 1,4-Dichlorobenzene	13.817	146	129	Below Cal	#	24

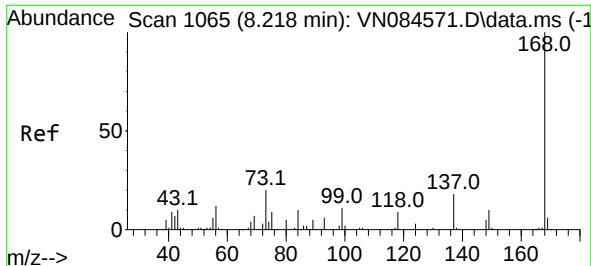
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Data File : VN084856.D
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Instrument :
MSVOA_N
ClientSampleId :

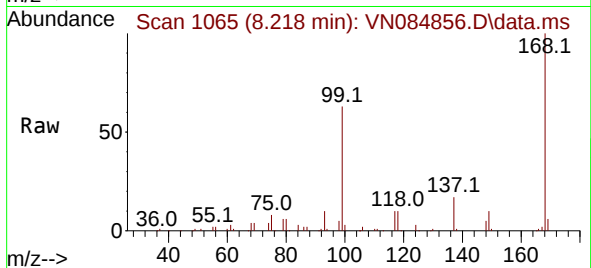
Quant Time: Nov 15 00:50:18 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N103024W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 31 18:45:38 2024
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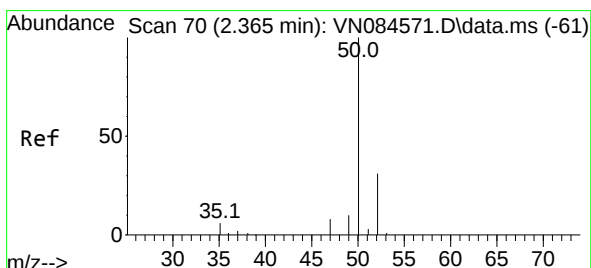
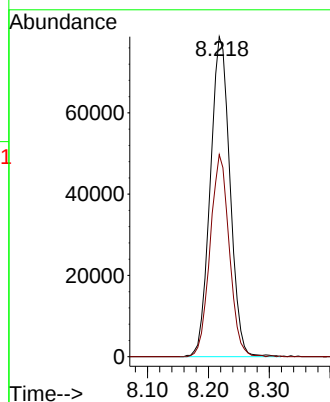
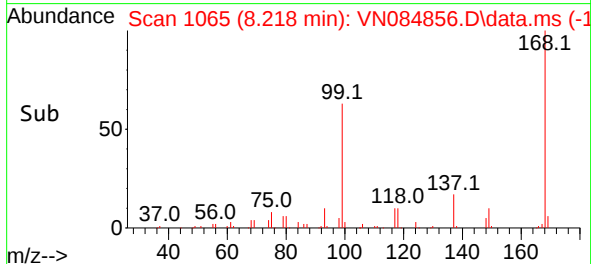


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.006 min
Lab File: VN084856.D
Acq: 14 Nov 2024 16:59

Instrument :
MSVOA_N
ClientSampleId :

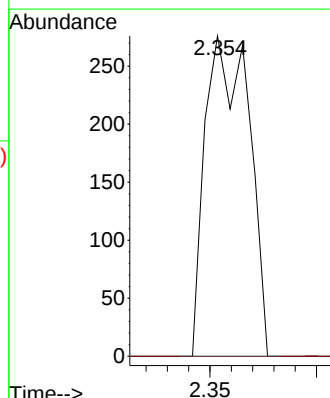
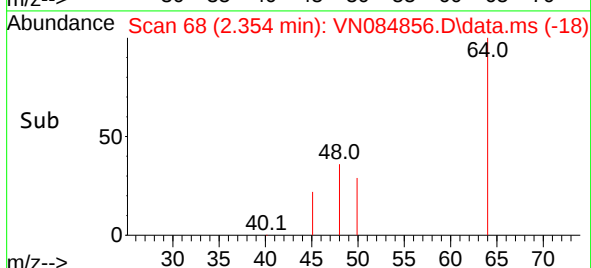
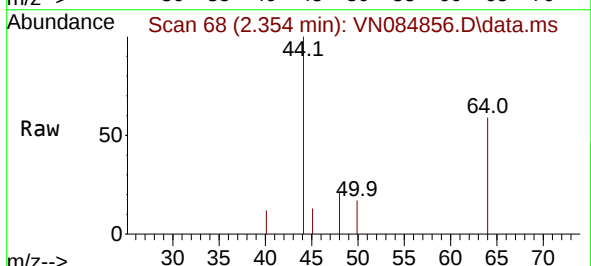


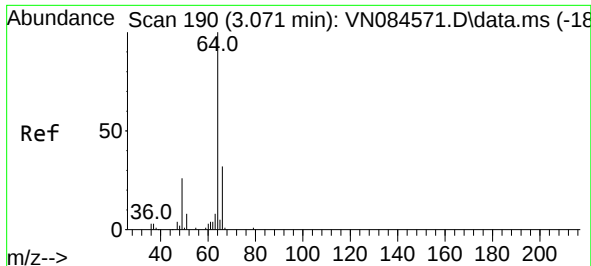
Tgt Ion:168 Resp: 177056
Ion Ratio Lower Upper
168 100
99 63.1 54.2 81.2



#3
Chloromethane
Concen: Below Cal
RT: 2.354 min Scan# 68
Delta R.T. -0.005 min
Lab File: VN084856.D
Acq: 14 Nov 2024 16:59

Tgt Ion: 50 Resp: 394
Ion Ratio Lower Upper
50 100
52 0.0 26.8 40.2#

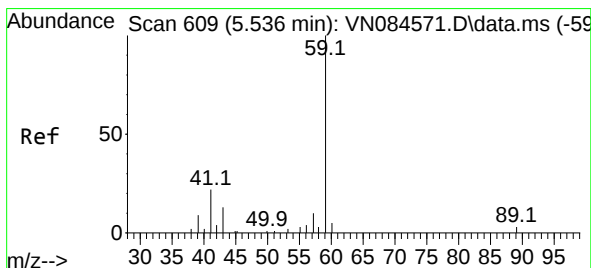
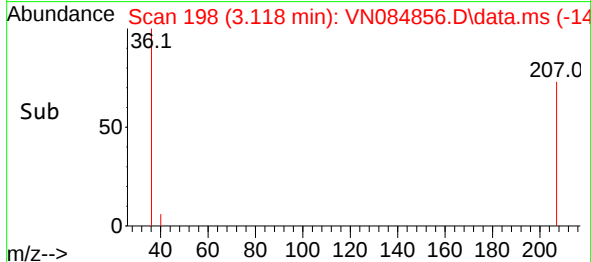
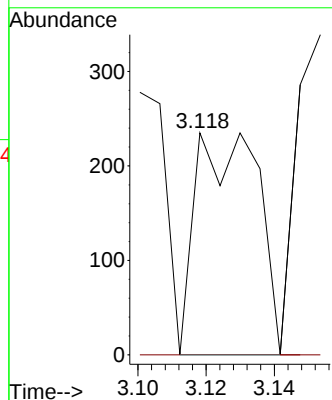
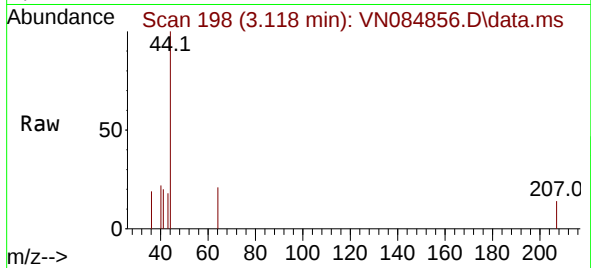




#6
Chloroethane
Concen: Below Cal
RT: 3.118 min Scan# 198
Delta R.T. 0.000 min
Lab File: VN084856.D
Acq: 14 Nov 2024 16:59

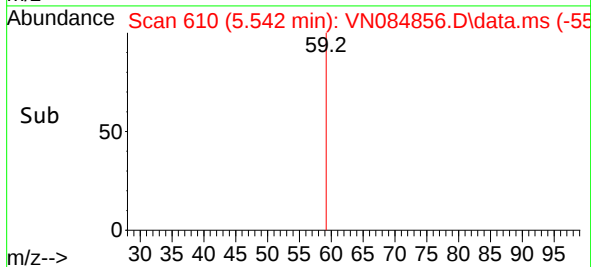
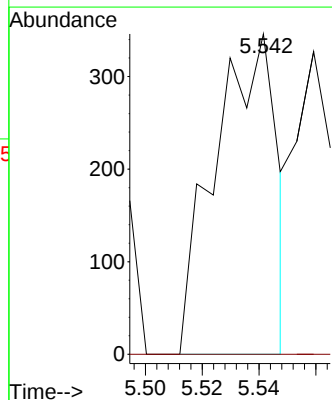
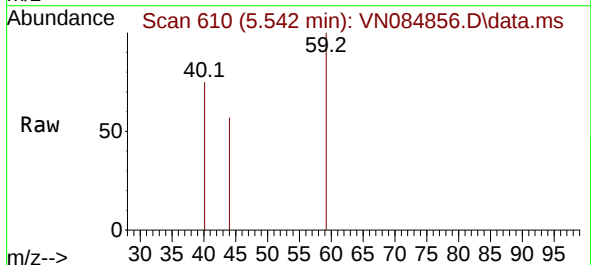
Instrument :
MSVOA_N
ClientSampleId :

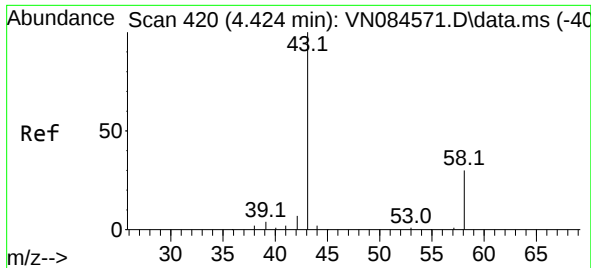
Tgt Ion: 64 Resp: 298
Ion Ratio Lower Upper
64 100
66 0.0 23.5 35.3#



#11
Tert butyl alcohol
Concen: 1.552 ug/l
RT: 5.542 min Scan# 610
Delta R.T. 0.018 min
Lab File: VN084856.D
Acq: 14 Nov 2024 16:59

Tgt Ion: 59 Resp: 524
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.2#





#16

Acetone

Concen: 61.725 ug/l

RT: 4.424 min Scan# 41

Delta R.T. -0.000 min

Lab File: VN084856.D

Acq: 14 Nov 2024 16:59

Instrument :

MSVOA_N

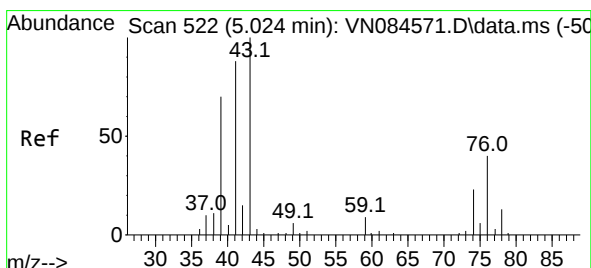
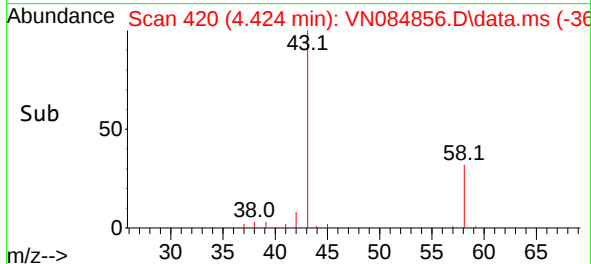
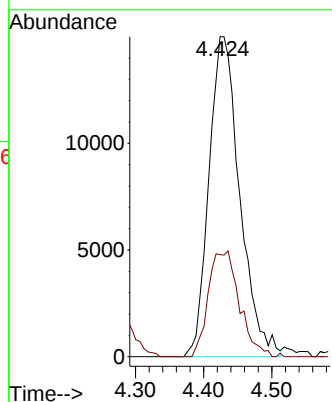
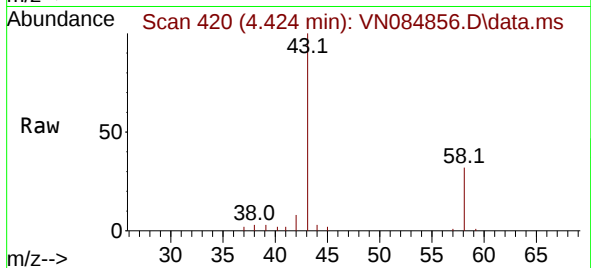
ClientSampleId :

Tgt Ion: 43 Resp: 47183

Ion Ratio Lower Upper

43 100

58 31.9 24.4 36.6



#18

Methyl Acetate

Concen: Below Cal

RT: 5.024 min Scan# 522

Delta R.T. 0.006 min

Lab File: VN084856.D

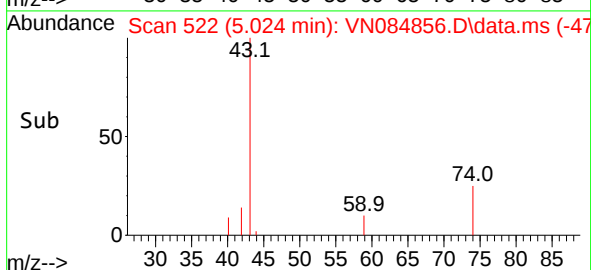
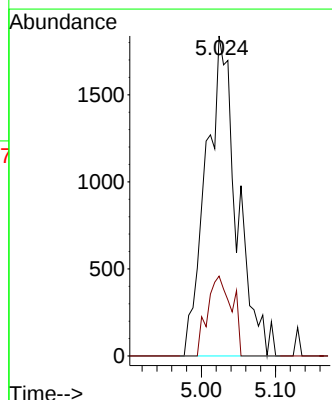
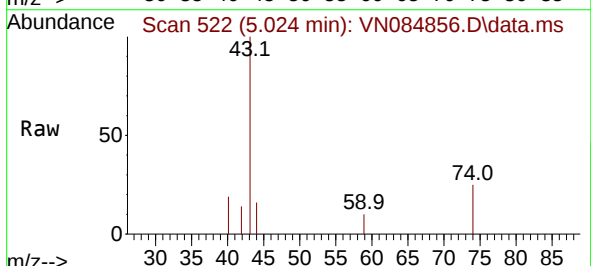
Acq: 14 Nov 2024 16:59

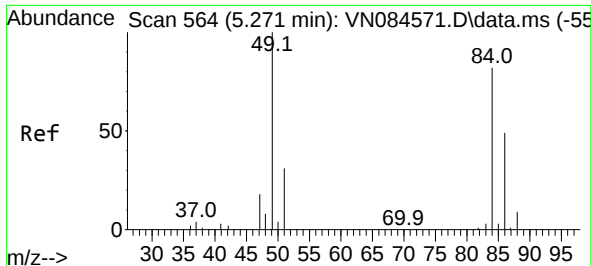
Tgt Ion: 43 Resp: 5348

Ion Ratio Lower Upper

43 100

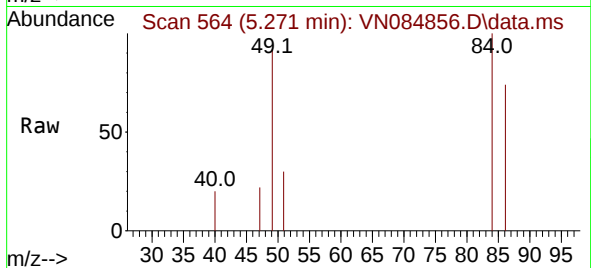
74 19.6 19.2 28.8



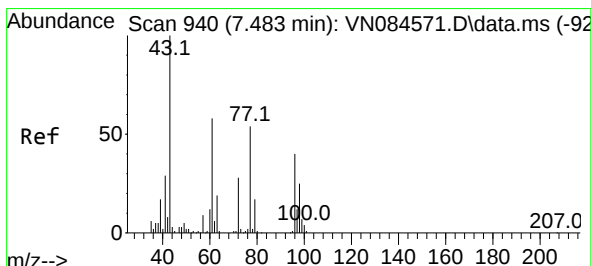
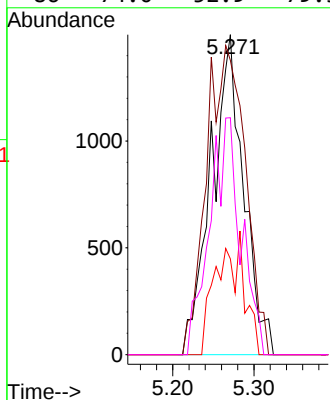
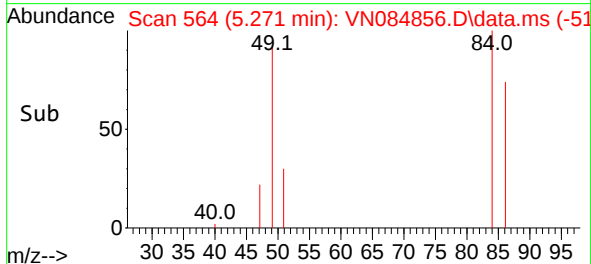


#20
Methylene Chloride
Concen: 1.850 ug/l
RT: 5.271 min Scan# 51
Delta R.T. -0.006 min
Lab File: VN084856.D
Acq: 14 Nov 2024 16:59

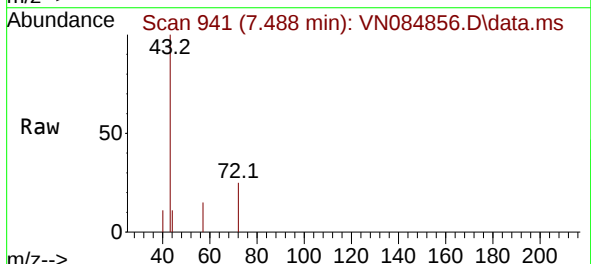
Instrument :
MSVOA_N
ClientSampleId :



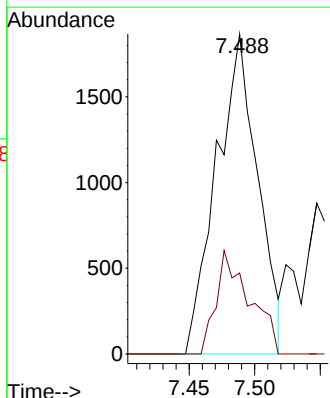
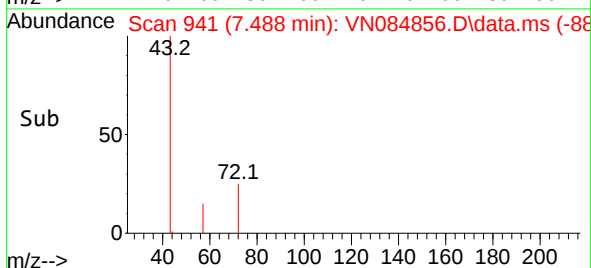
Tgt Ion:	84	Resp:	4160
Ion	Ratio	Lower	Upper
84	100		
49	92.0	107.2	160.8#
51	30.0	31.8	47.8#
86	74.0	52.9	79.3

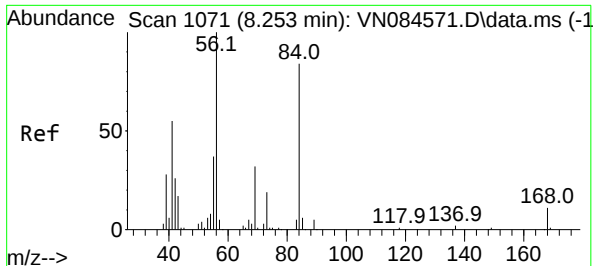


#25
2-Butanone
Concen: 3.425 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN084856.D
Acq: 14 Nov 2024 16:59



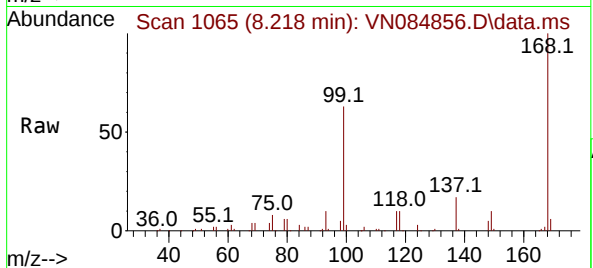
Tgt Ion:	43	Resp:	4086
Ion	Ratio	Lower	Upper
43	100		
72	25.3	21.4	32.2



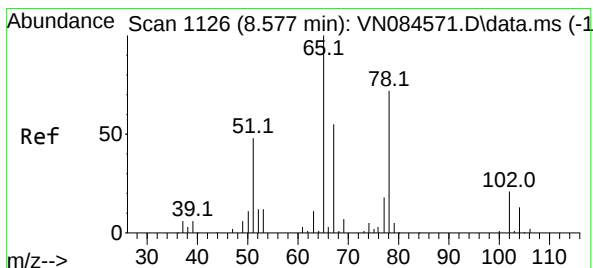
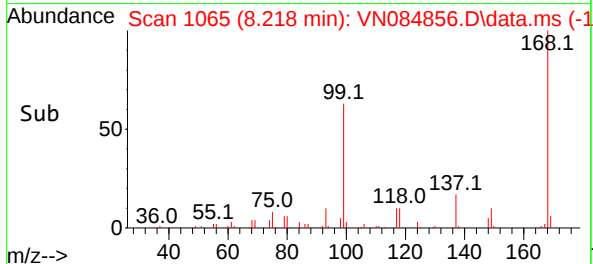
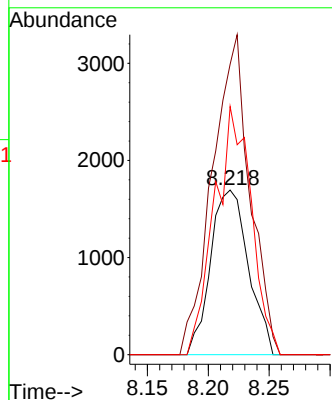


#31
Cyclohexane
Concen: 1.040 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.035 min
Lab File: VN084856.D
Acq: 14 Nov 2024 16:59

Instrument :
MSVOA_N
ClientSampleId :

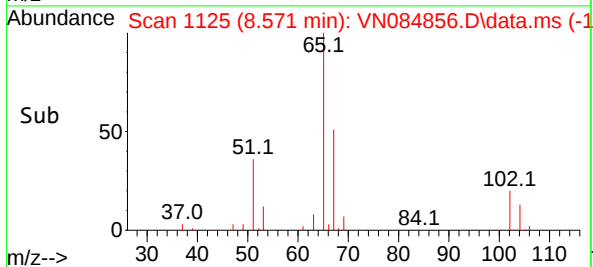
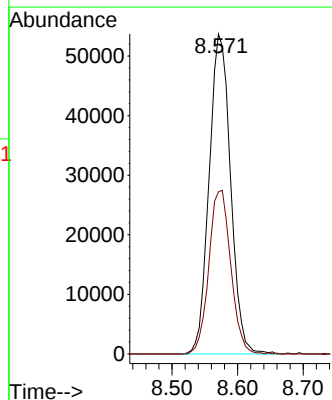
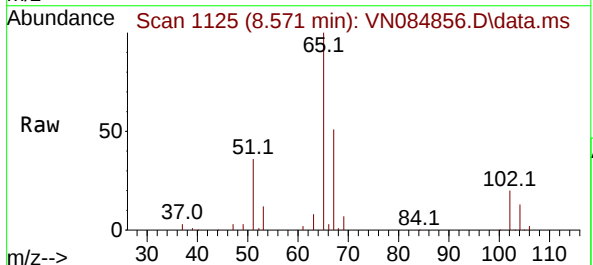


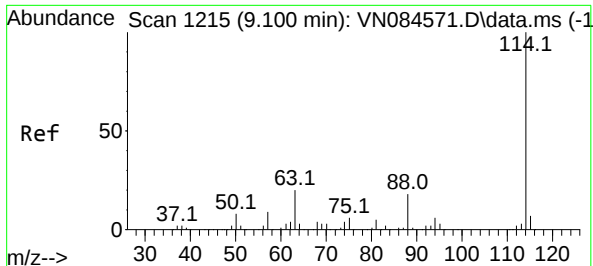
Tgt Ion: 56 Resp: 3673
Ion Ratio Lower Upper
56 100
69 176.4 23.8 35.6#
84 150.7 68.8 103.2#



#33
1,2-Dichloroethane-d4
Concen: 47.690 ug/l
RT: 8.571 min Scan# 1125
Delta R.T. -0.006 min
Lab File: VN084856.D
Acq: 14 Nov 2024 16:59

Tgt Ion: 65 Resp: 121957
Ion Ratio Lower Upper
65 100
67 52.2 0.0 102.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.094 min Scan# 11

Delta R.T. -0.006 min

Lab File: VN084856.D

Acq: 14 Nov 2024 16:59

Instrument :

MSVOA_N

ClientSampleId :

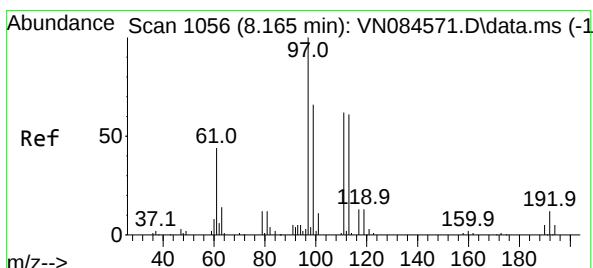
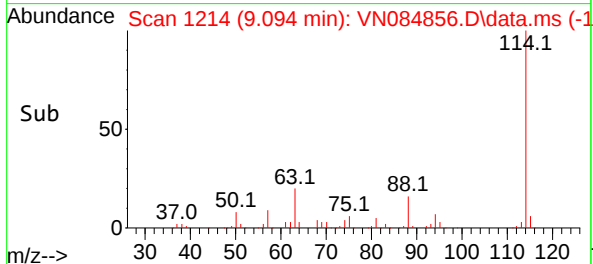
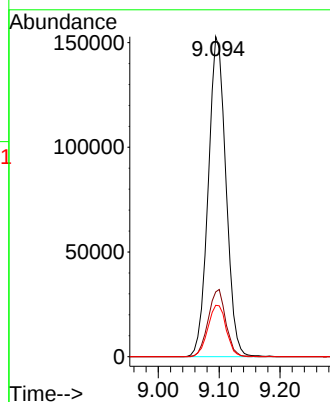
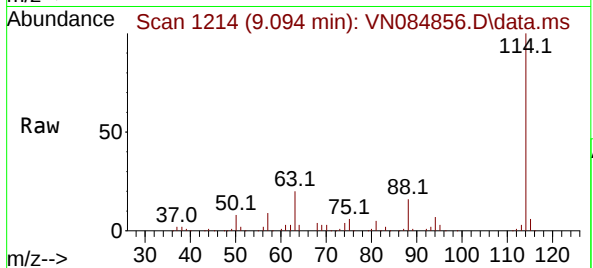
Tgt Ion:114 Resp: 308645

Ion Ratio Lower Upper

114 100

63 20.2 0.0 43.8

88 16.0 0.0 31.6



#35

Dibromofluoromethane

Concen: 46.849 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. 0.000 min

Lab File: VN084856.D

Acq: 14 Nov 2024 16:59

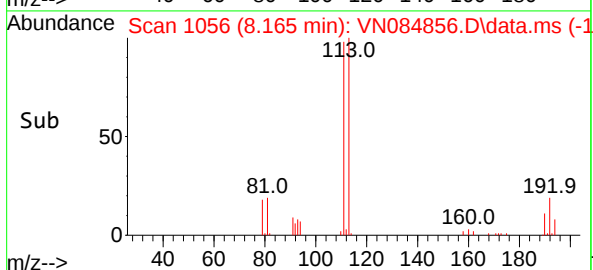
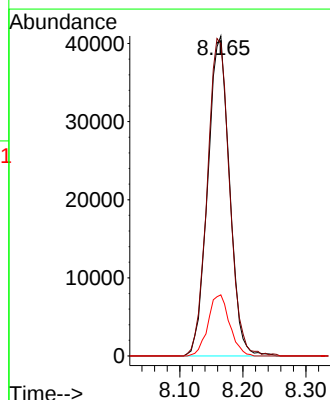
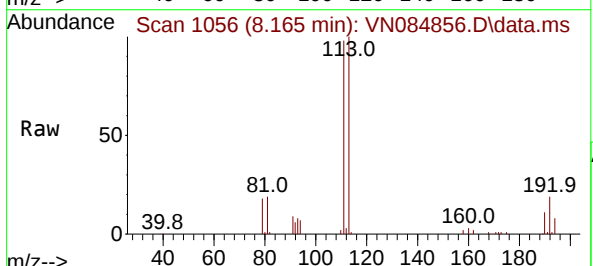
Tgt Ion:113 Resp: 97875

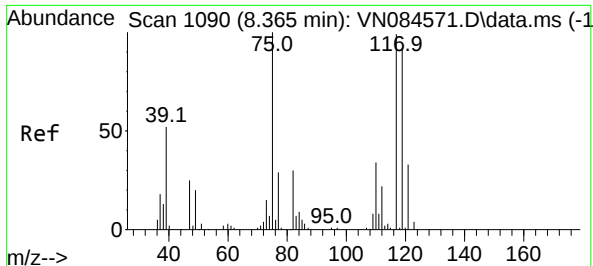
Ion Ratio Lower Upper

113 100

111 101.8 83.3 124.9

192 18.9 13.5 20.3





#36

1,1-Dichloropropene

Concen: 4.970 ug/l

RT: 8.218 min Scan# 1065

Delta R.T. -0.153 min

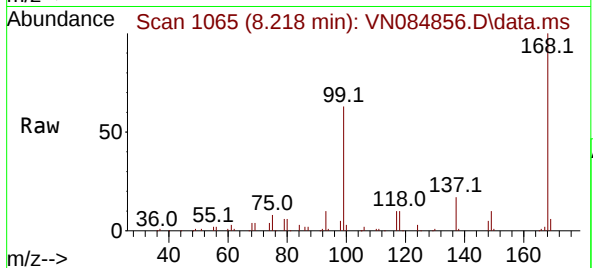
Lab File: VN084856.D

Acq: 14 Nov 2024 16:59

Instrument :

MSVOA_N

ClientSampleId :



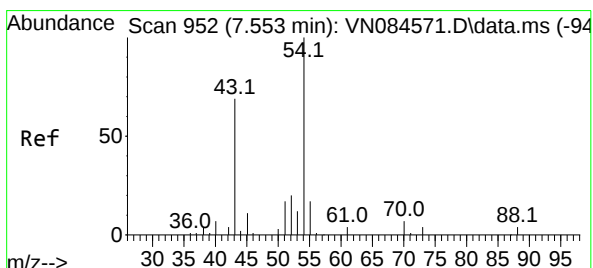
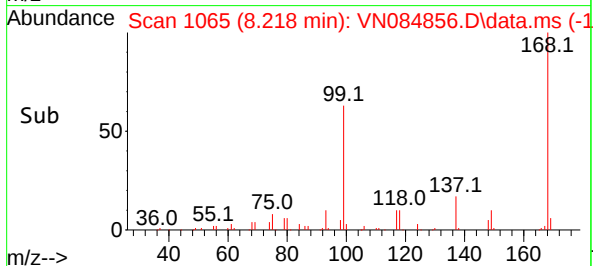
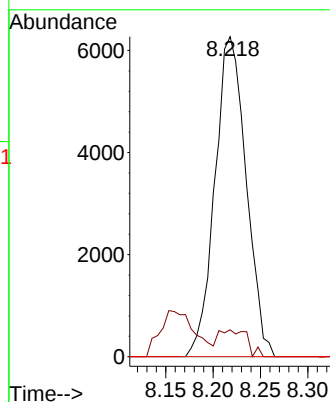
Tgt Ion: 75 Resp: 14399

Ion Ratio Lower Upper

75 100

110 7.6 16.9 50.7#

77 0.0 24.7 37.1#



#37

Ethyl Acetate

Concen: 0.868 ug/l

RT: 7.559 min Scan# 953

Delta R.T. 0.000 min

Lab File: VN084856.D

Acq: 14 Nov 2024 16:59

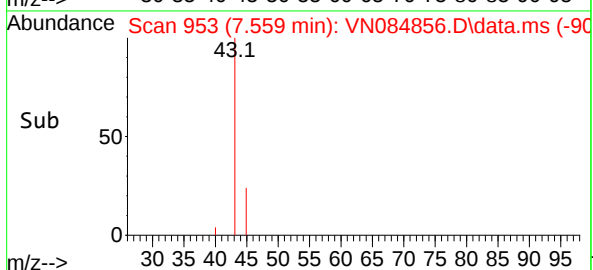
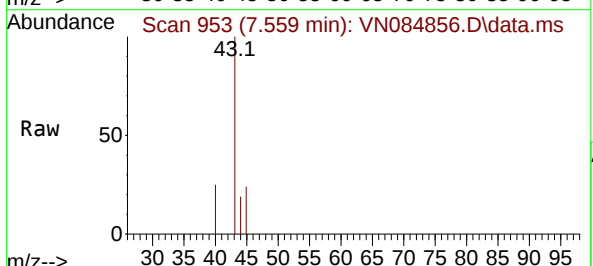
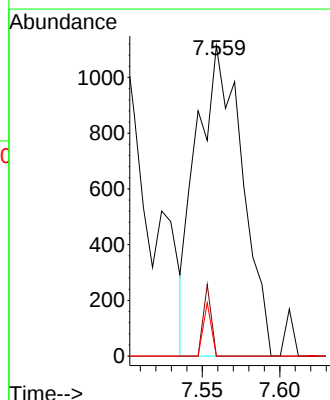
Tgt Ion: 43 Resp: 2283

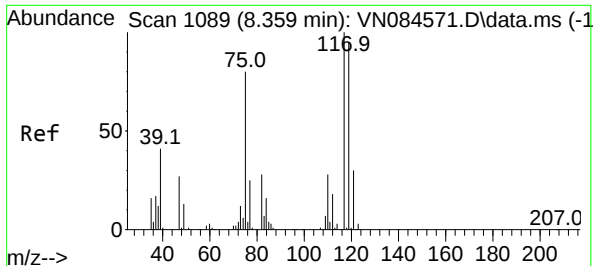
Ion Ratio Lower Upper

43 100

61 4.0 10.7 16.1#

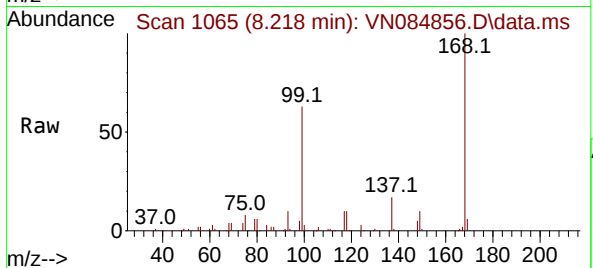
70 2.9 8.8 13.2#



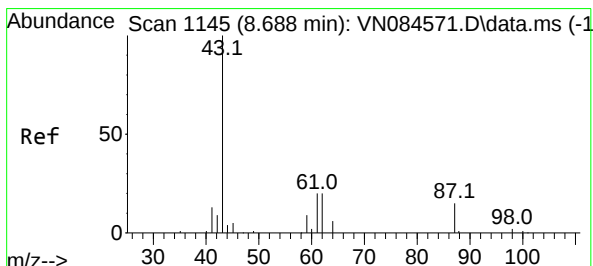
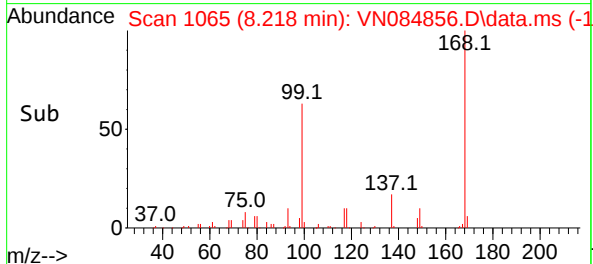
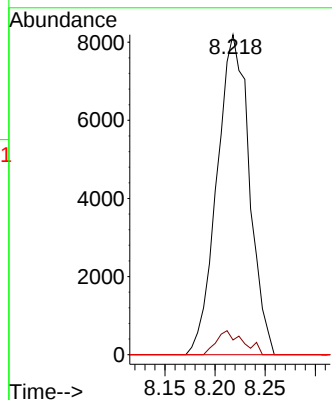


#38
Carbon Tetrachloride
Concen: 5.684 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.141 min
Lab File: VN084856.D
Acq: 14 Nov 2024 16:59

Instrument :
MSVOA_N
ClientSampleId :

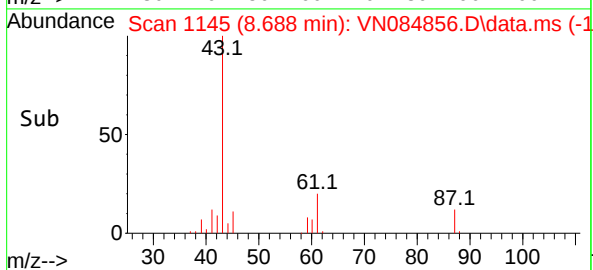
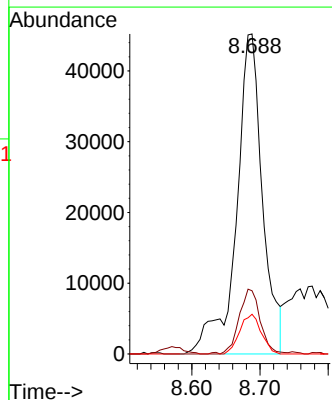
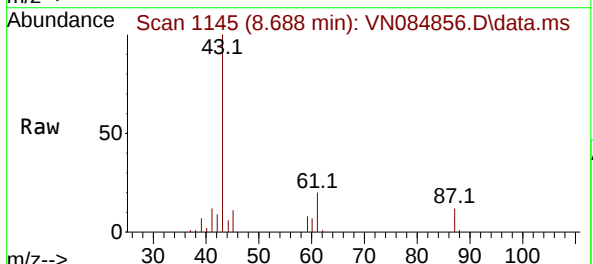


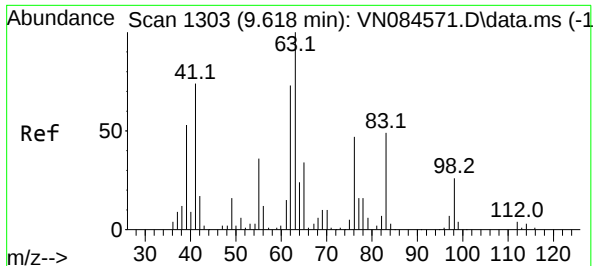
Tgt Ion:117 Resp: 18409
Ion Ratio Lower Upper
117 100
119 4.6 78.7 118.1#
121 0.0 24.4 36.6#



#43
Isopropyl Acetate
Concen: 24.356 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. 0.000 min
Lab File: VN084856.D
Acq: 14 Nov 2024 16:59

Tgt Ion: 43 Resp: 120687
Ion Ratio Lower Upper
43 100
61 16.4 20.4 30.6#
87 10.2 10.3 15.5#





#45

1,2-Dichloropropane

Concen: 0.427 ug/l

RT: 9.741 min Scan# 11

Delta R.T. 0.123 min

Lab File: VN084856.D

Acq: 14 Nov 2024 16:59

Instrument :

MSVOA_N

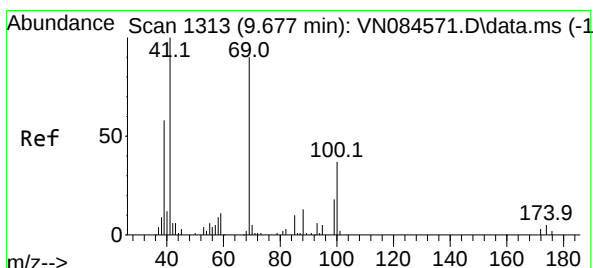
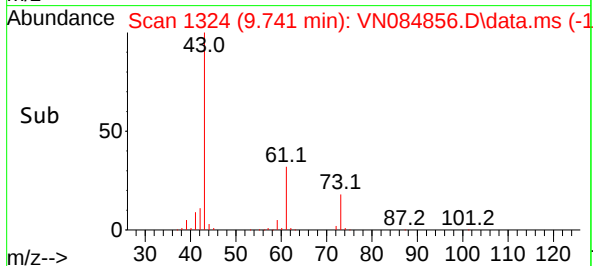
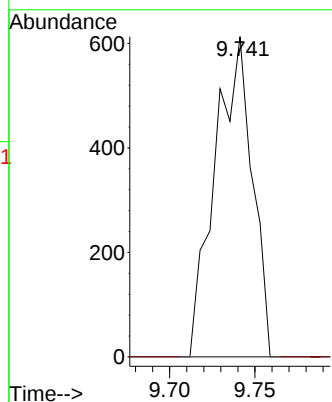
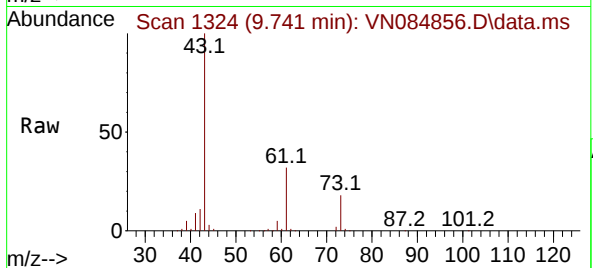
ClientSampleId :

Tgt Ion: 63 Resp: 932

Ion Ratio Lower Upper

63 100

65 0.0 24.6 37.0#



#48

Methyl methacrylate

Concen: 1.319 ug/l

RT: 9.671 min Scan# 1312

Delta R.T. -0.006 min

Lab File: VN084856.D

Acq: 14 Nov 2024 16:59

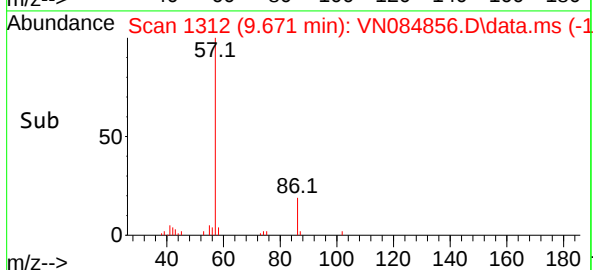
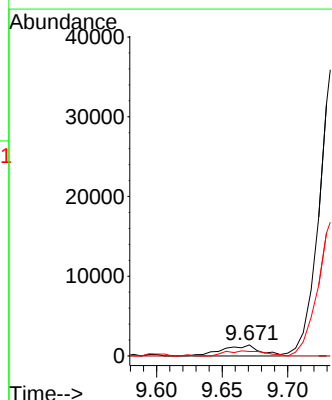
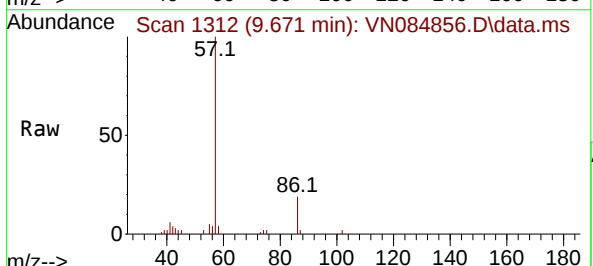
Tgt Ion: 41 Resp: 2699

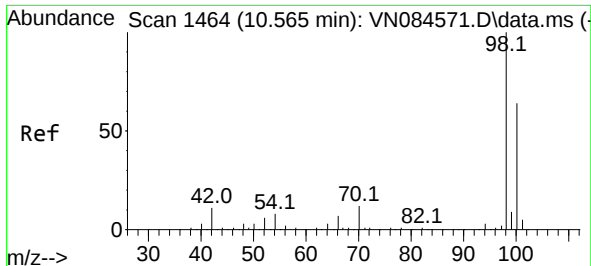
Ion Ratio Lower Upper

41 100

69 0.0 67.1 100.7#

39 50.1 45.8 68.6

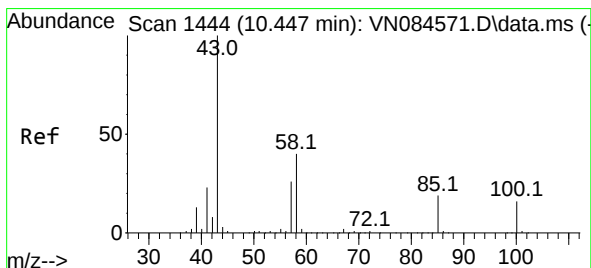
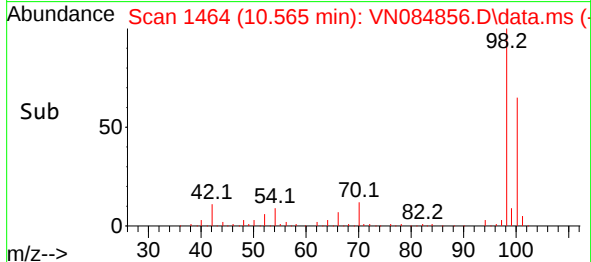
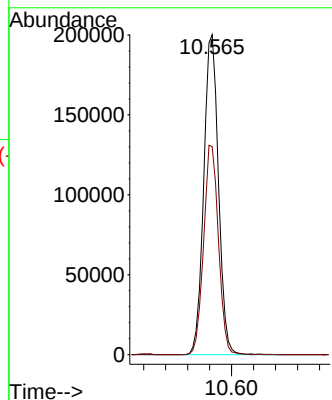
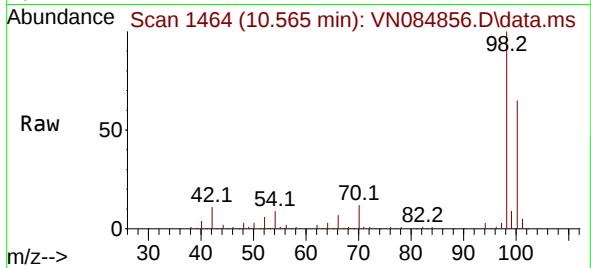




#50
Toluene-d8
Concen: 48.286 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN084856.D
Acq: 14 Nov 2024 16:59

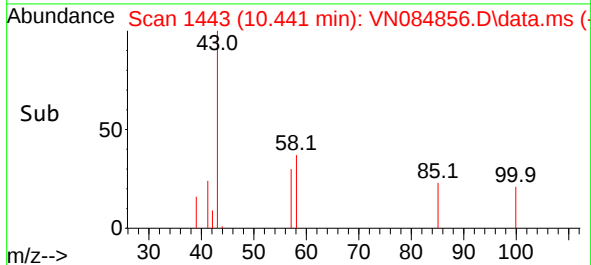
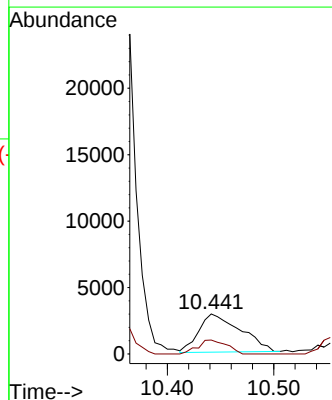
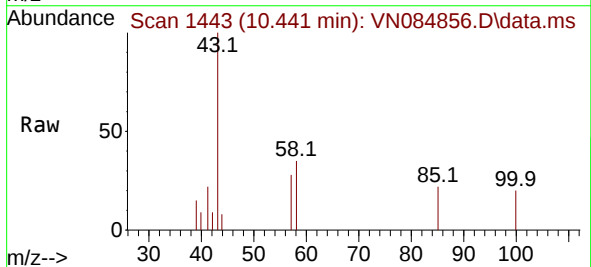
Instrument :
MSVOA_N
ClientSampleId :

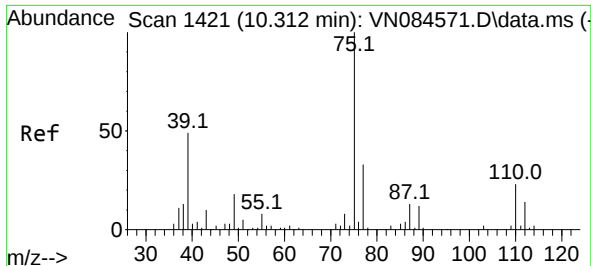
Tgt Ion: 98 Resp: 371601
Ion Ratio Lower Upper
98 100
100 65.9 52.7 79.1



#51
4-Methyl-2-Pentanone
Concen: 3.124 ug/l
RT: 10.441 min Scan# 1443
Delta R.T. 0.000 min
Lab File: VN084856.D
Acq: 14 Nov 2024 16:59

Tgt Ion: 43 Resp: 7829
Ion Ratio Lower Upper
43 100
58 25.4 31.6 47.4#

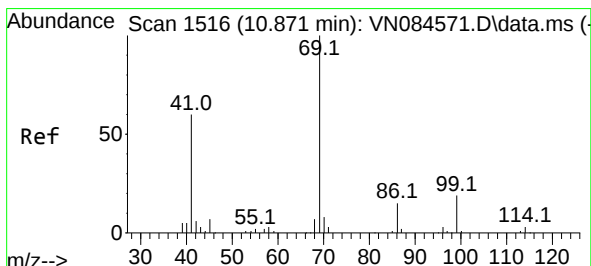
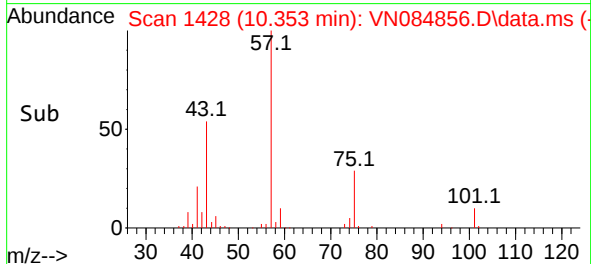
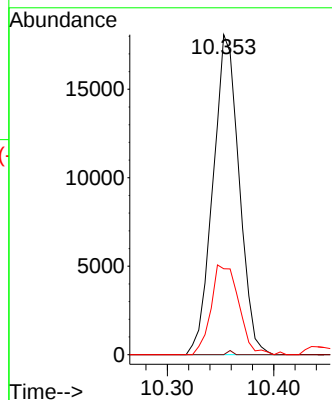
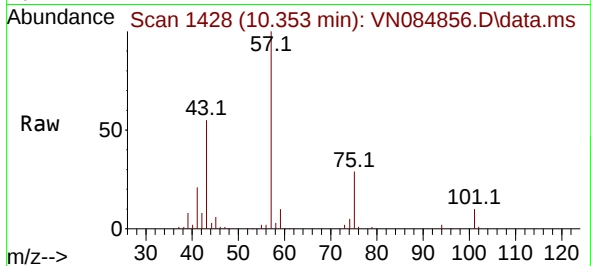




#54
cis-1,3-Dichloropropene
Concen: 8.650 ug/l
RT: 10.353 min Scan# 1428
Delta R.T. 0.041 min
Lab File: VN084856.D
Acq: 14 Nov 2024 16:59

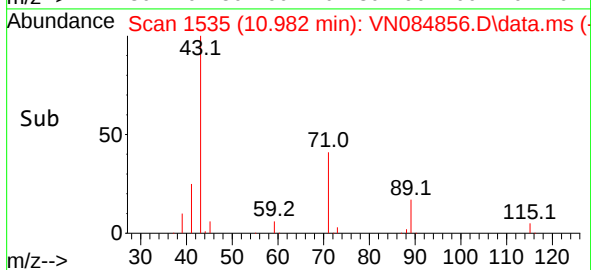
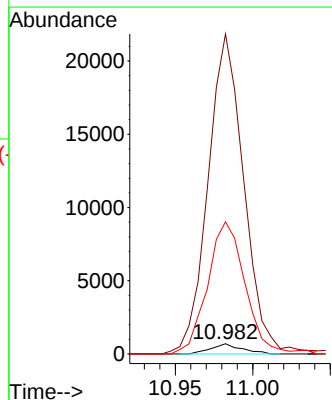
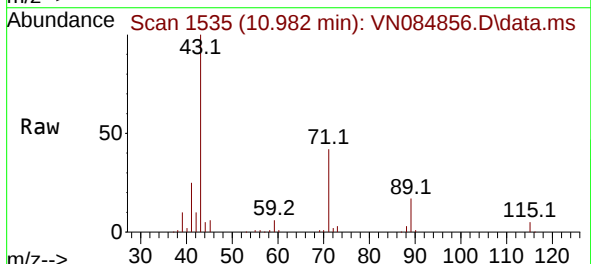
Instrument :
MSVOA_N
ClientSampleId :

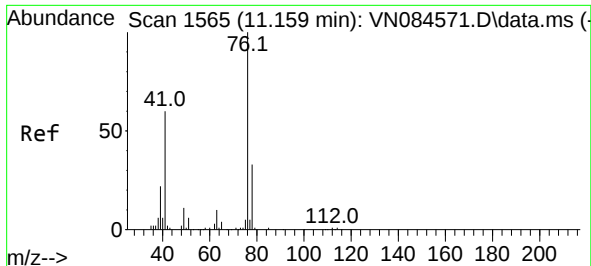
Tgt Ion: 75 Resp: 30768
Ion Ratio Lower Upper
75 100
77 0.0 24.2 36.2#
39 26.8 38.7 58.1#



#56
Ethyl methacrylate
Concen: 0.325 ug/l
RT: 10.982 min Scan# 1535
Delta R.T. 0.112 min
Lab File: VN084856.D
Acq: 14 Nov 2024 16:59

Tgt Ion: 69 Resp: 963
Ion Ratio Lower Upper
69 100
41 3661.4 53.3 79.9#
39 1584.2 28.8 43.2#





#57

1,3-Dichloropropane

Concen: 1.174 ug/l

RT: 11.200 min Scan# 1572

Delta R.T. 0.041 min

Lab File: VN084856.D

Acq: 14 Nov 2024 16:59

Instrument :

MSVOA_N

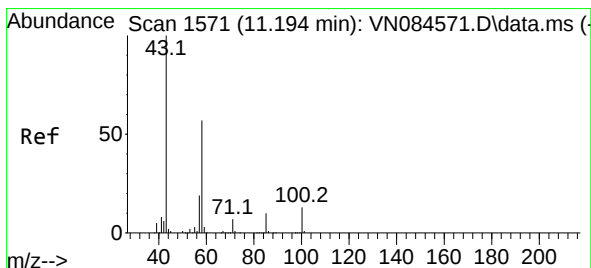
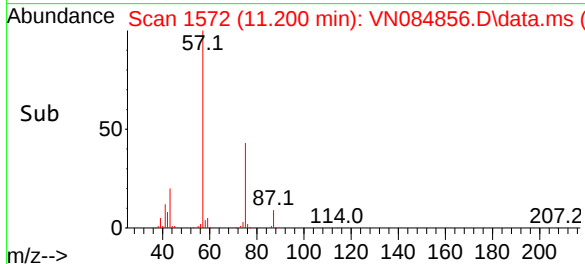
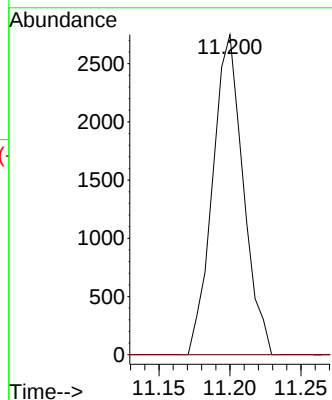
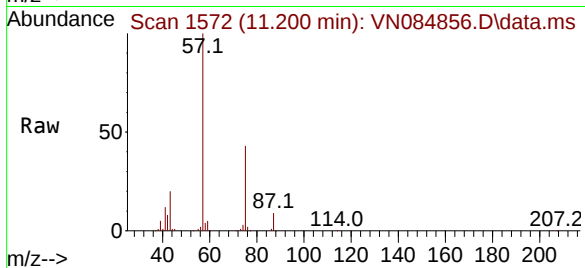
ClientSampleId :

Tgt Ion: 76 Resp: 4132

Ion Ratio Lower Upper

76 100

78 0.0 25.8 38.6#



#59

2-Hexanone

Concen: 24.127 ug/l

RT: 11.200 min Scan# 1572

Delta R.T. 0.006 min

Lab File: VN084856.D

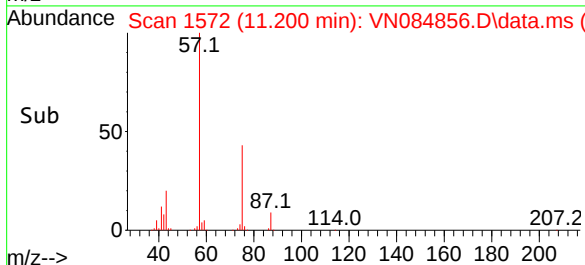
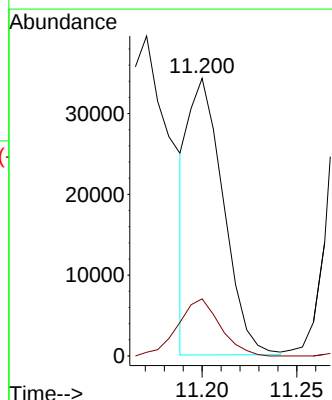
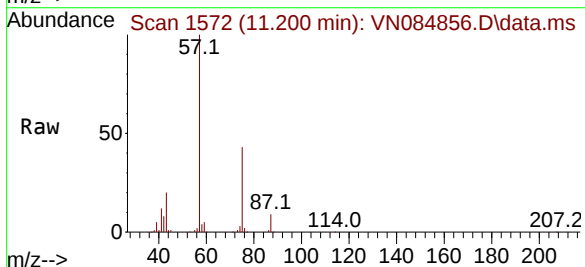
Acq: 14 Nov 2024 16:59

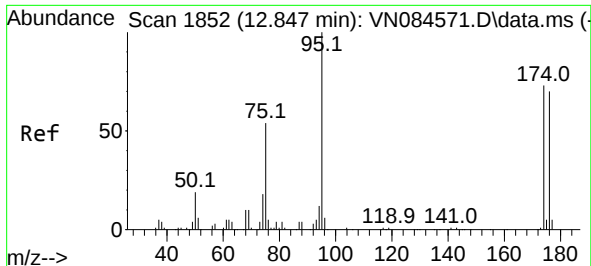
Tgt Ion: 43 Resp: 44010

Ion Ratio Lower Upper

43 100

58 25.0 27.3 81.8#





#62

4-Bromofluorobenzene

Concen: 48.182 ug/l

RT: 12.847 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN084856.D

Acq: 14 Nov 2024 16:59

Instrument :

MSVOA_N

ClientSampleId :

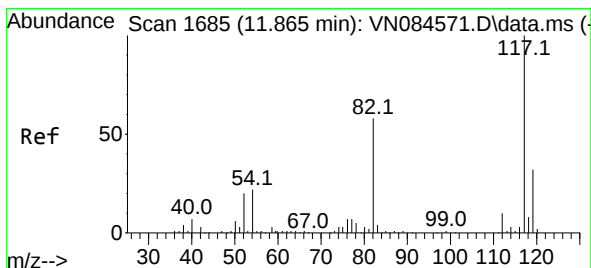
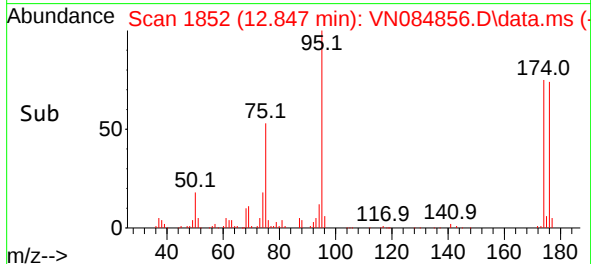
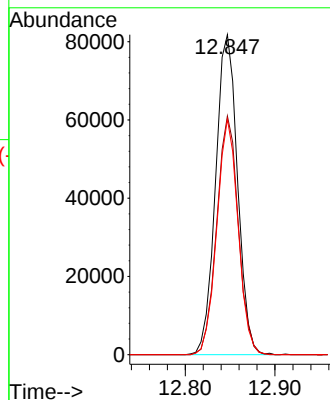
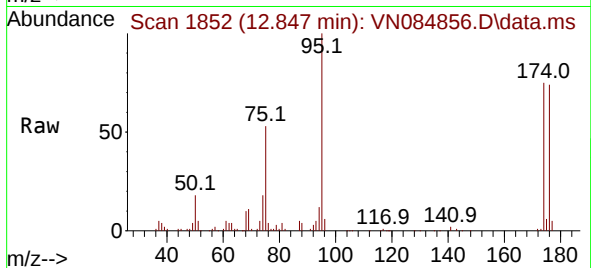
Tgt Ion: 95 Resp: 138579

Ion Ratio Lower Upper

95 100

174 73.5 0.0 145.2

176 71.1 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: VN084856.D

Acq: 14 Nov 2024 16:59

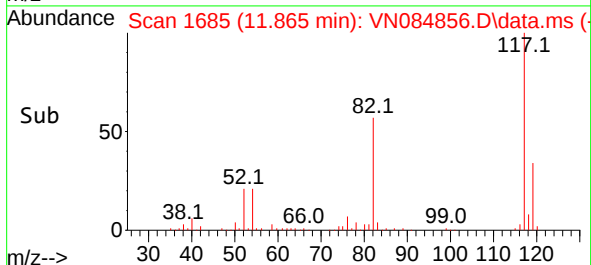
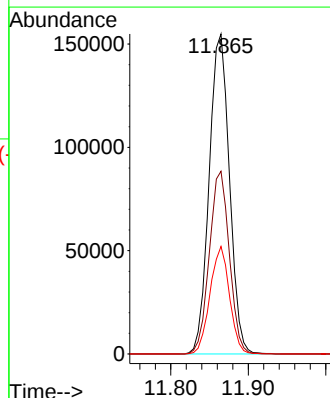
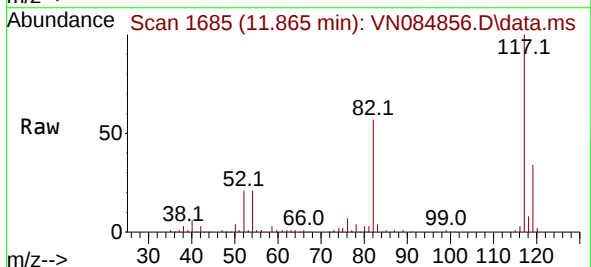
Tgt Ion: 117 Resp: 281426

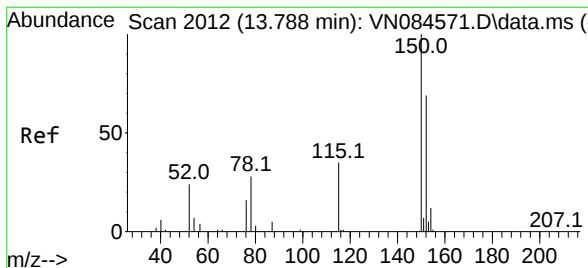
Ion Ratio Lower Upper

117 100

82 57.1 47.2 70.8

119 33.6 25.4 38.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.788 min Scan# 2012

Delta R.T. 0.000 min

Lab File: VN084856.D

Acq: 14 Nov 2024 16:59

Instrument :

MSVOA_N

ClientSampleId :

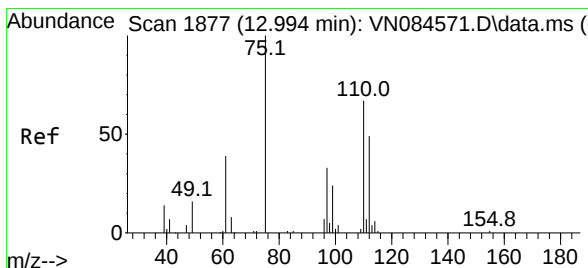
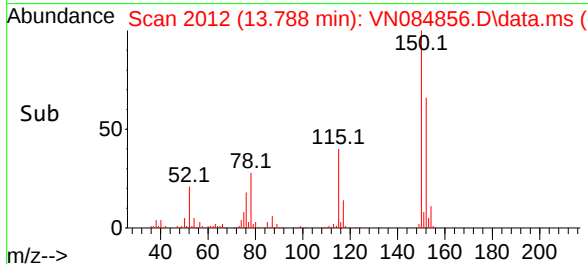
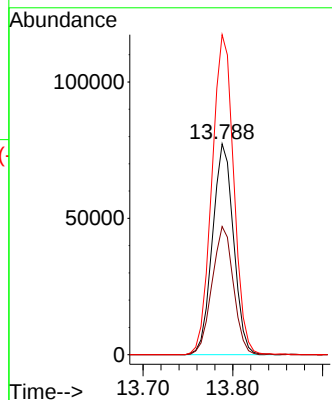
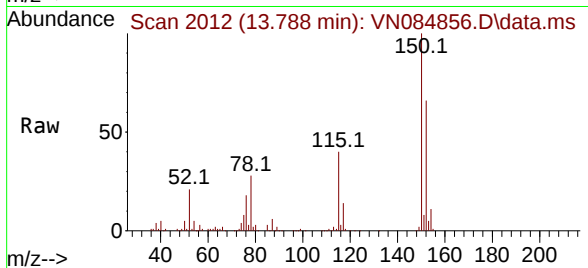
Tgt Ion:152 Resp: 126089

Ion Ratio Lower Upper

152 100

115 61.6 31.3 93.9

150 157.1 0.0 349.8



#76

1,2,3-Trichloropropane

Concen: 28.085 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. -0.141 min

Lab File: VN084856.D

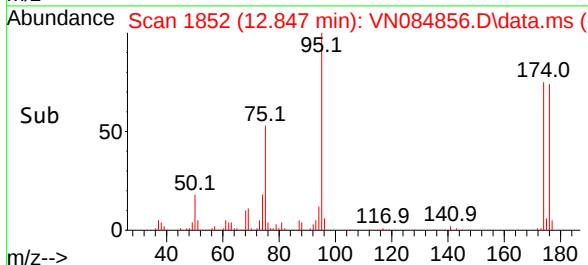
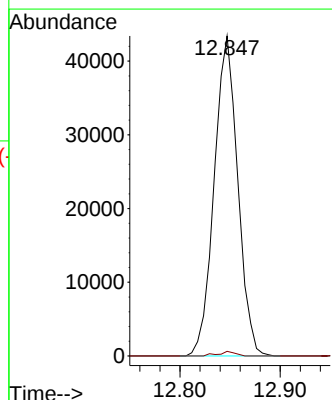
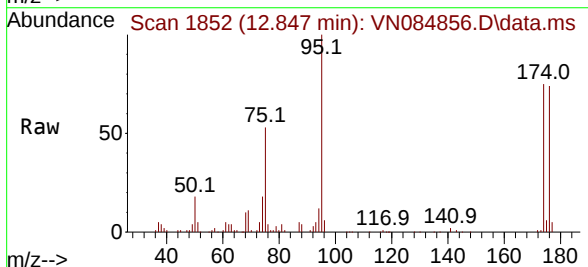
Acq: 14 Nov 2024 16:59

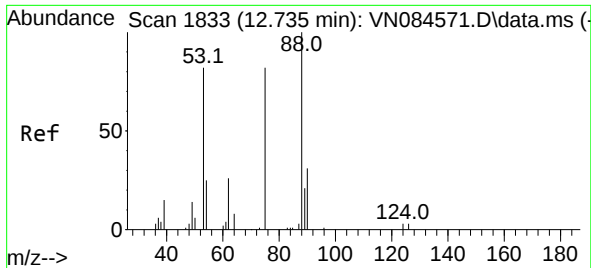
Tgt Ion: 75 Resp: 70786

Ion Ratio Lower Upper

75 100

77 1.0 96.9 290.7#

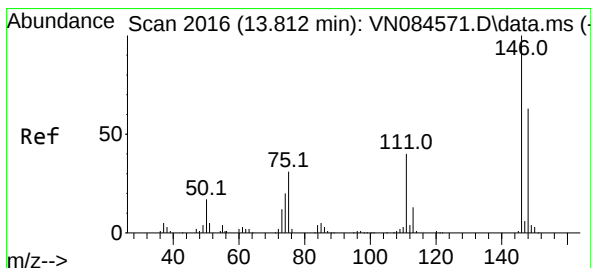
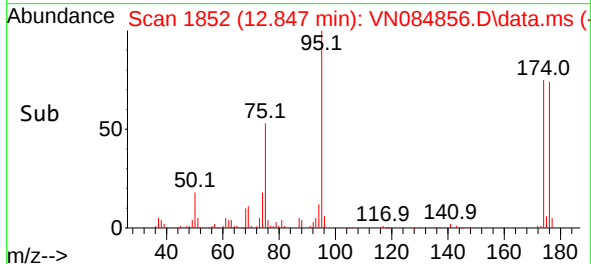
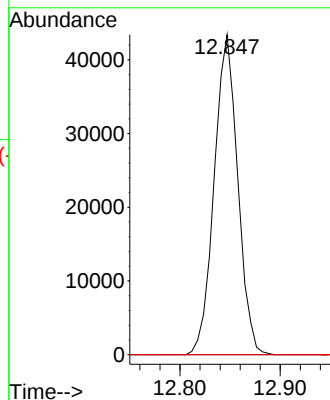
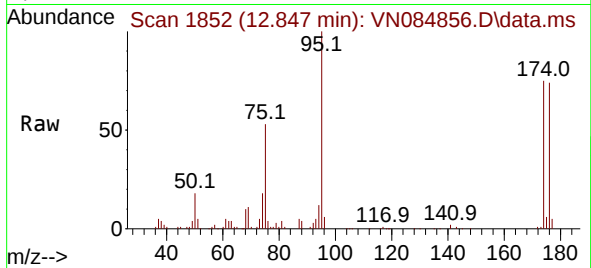




#81
trans-1,4-Dichloro-2-butene
Concen: 66.628 ug/l
RT: 12.847 min Scan# 1833
Delta R.T. 0.112 min
Lab File: VN084856.D
Acq: 14 Nov 2024 16:59

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 75 Resp: 70786
Ion Ratio Lower Upper
75 100
53 0.0 78.0 117.0#
89 0.0 35.5 53.3#



#88
1,4-Dichlorobenzene
Concen: Below Cal
RT: 13.817 min Scan# 2017
Delta R.T. 0.005 min
Lab File: VN084856.D
Acq: 14 Nov 2024 16:59

Tgt Ion:146 Resp: 129
Ion Ratio Lower Upper
146 100
111 0.0 21.2 63.6#
148 0.0 31.9 95.9#

