

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111724\
 Data File : VN084895.D
 Acq On : 17 Nov 2024 15:12
 Operator : JC\MD
 Sample : P4845-08
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Nov 18 00:21:24 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)

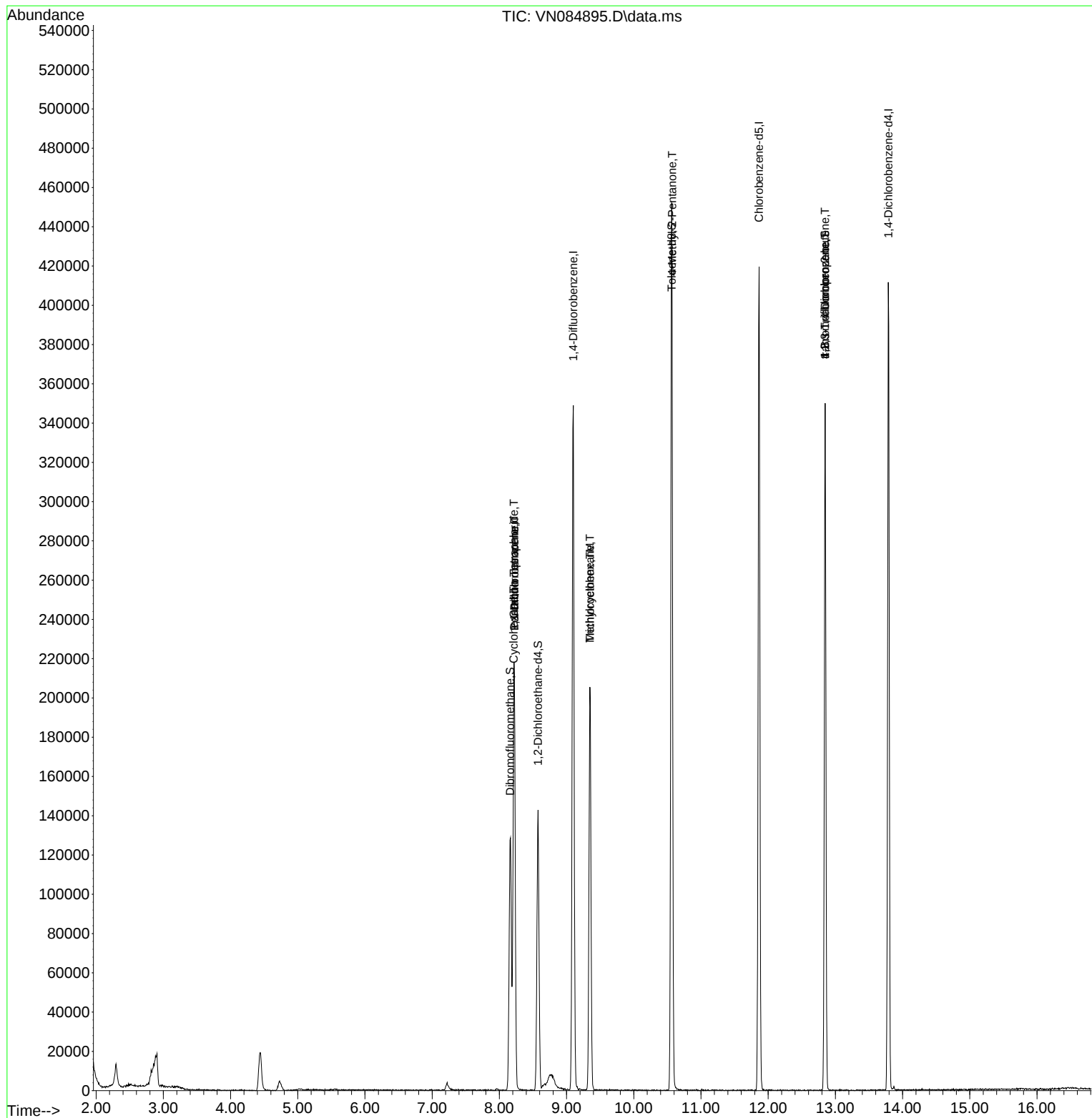
Internal Standards						
1) Pentafluorobenzene	8.224	168	158201	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	298031	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	241875	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	111150	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	114006	49.894	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	99.780%
35) Dibromofluoromethane	8.159	113	94489	46.839	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	93.680%
50) Toluene-d8	10.565	98	314553	42.329	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	84.660%#
62) 4-Bromofluorobenzene	12.847	95	121010	43.572	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	87.140%
Target Compounds						
					Qvalue	
3) Chloromethane	2.365	50	627	Below Cal		97
6) Chloroethane	3.083	64	569	Below Cal	#	45
16) Acetone	4.424	43	459	Below Cal	#	44
18) Methyl Acetate	5.030	43	1690	Below Cal	#	58
31) Cyclohexane	8.212	56	3372	1.069	ug/l #	1
36) 1,1-Dichloropropene	8.224	75	12697	4.538	ug/l #	52
38) Carbon Tetrachloride	8.218	117	16877	5.397	ug/l #	16
39) Methylcyclohexane	9.347	83	971	0.341	ug/l #	1
43) Isopropyl Acetate	8.677	43	2640	Below Cal	#	56
44) Trichloroethene	9.347	130	73128	35.291	ug/l	93
51) 4-Methyl-2-Pentanone	10.571	43	1384	0.572	ug/l #	1
76) 1,2,3-Trichloropropane	12.847	75	62845	28.285	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	62845	67.104	ug/l #	11

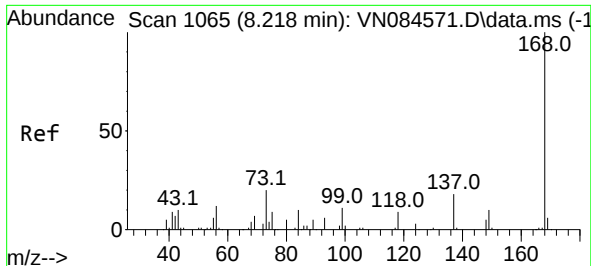
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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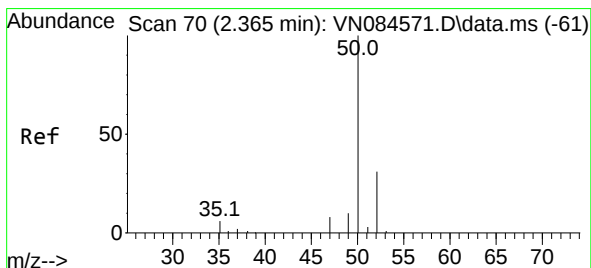
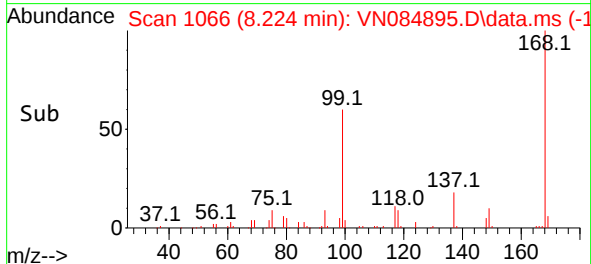
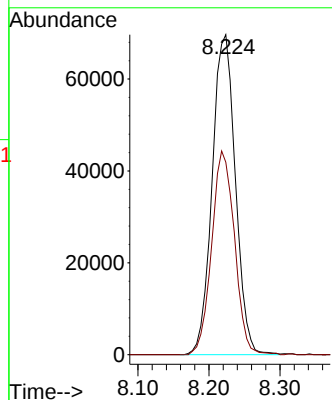
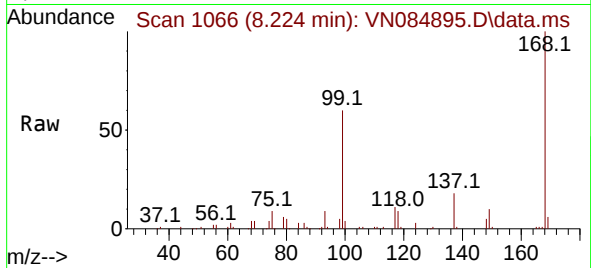




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 10
Delta R.T. -0.000 min
Lab File: VN084895.D
Acq: 17 Nov 2024 15:12

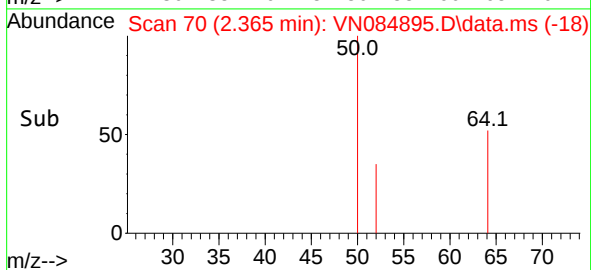
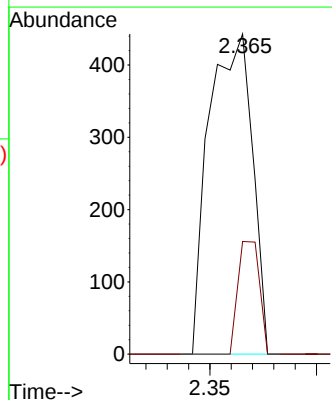
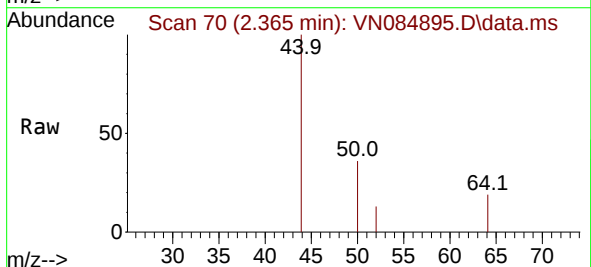
Instrument :
MSVOA_N
ClientSampleId :

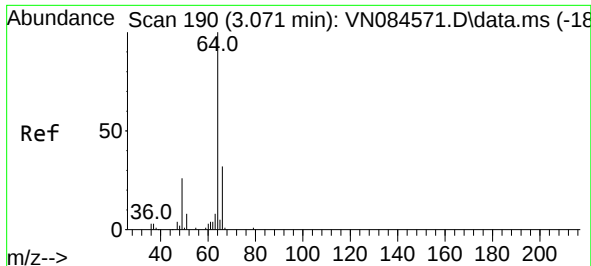
Tgt Ion:168 Resp: 158201
Ion Ratio Lower Upper
168 100
99 60.2 54.2 81.2



#3
Chloromethane
Concen: Below Cal
RT: 2.365 min Scan# 70
Delta R.T. 0.006 min
Lab File: VN084895.D
Acq: 17 Nov 2024 15:12

Tgt Ion: 50 Resp: 627
Ion Ratio Lower Upper
50 100
52 35.2 26.8 40.2

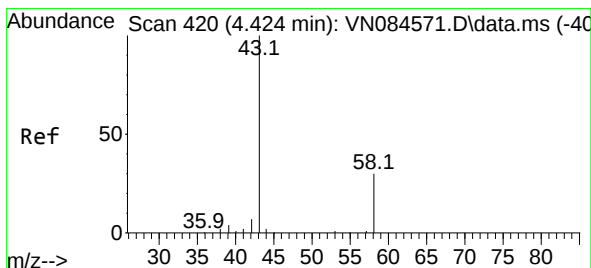
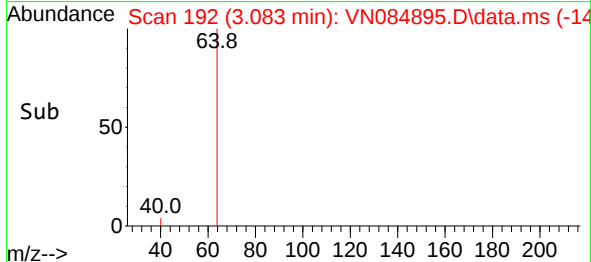
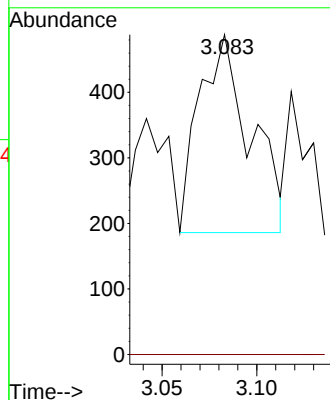
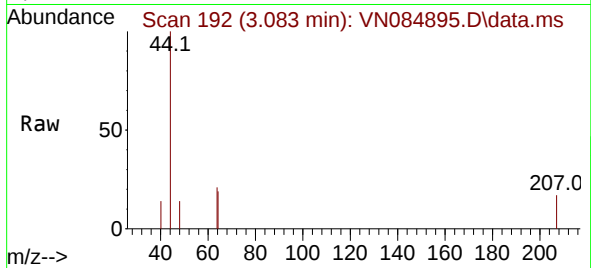




#6
Chloroethane
Concen: Below Cal
RT: 3.083 min Scan# 190
Delta R.T. -0.035 min
Lab File: VN084895.D
Acq: 17 Nov 2024 15:12

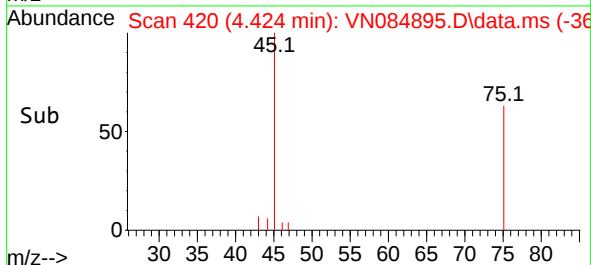
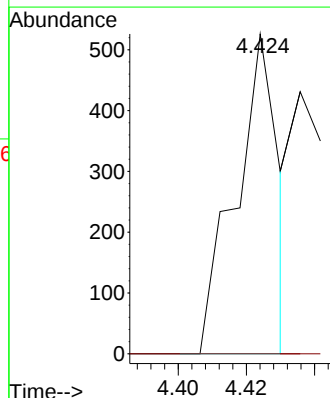
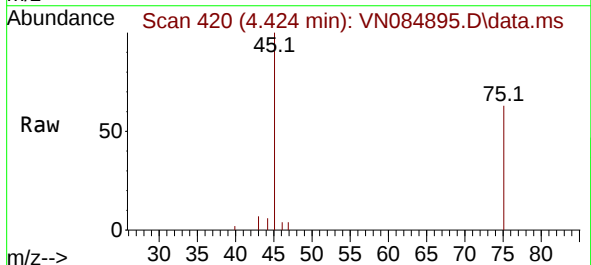
Instrument :
MSVOA_N
ClientSampleId :

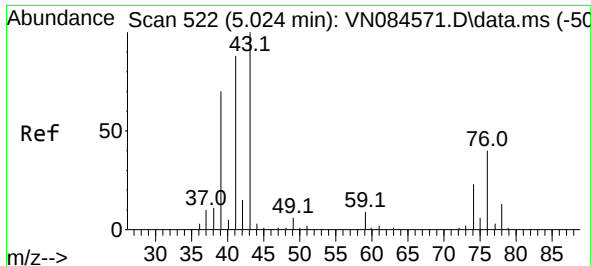
Tgt Ion: 64 Resp: 569
Ion Ratio Lower Upper
64 100
66 0.0 23.5 35.3#



#16
Acetone
Concen: Below Cal
RT: 4.424 min Scan# 420
Delta R.T. 0.000 min
Lab File: VN084895.D
Acq: 17 Nov 2024 15:12

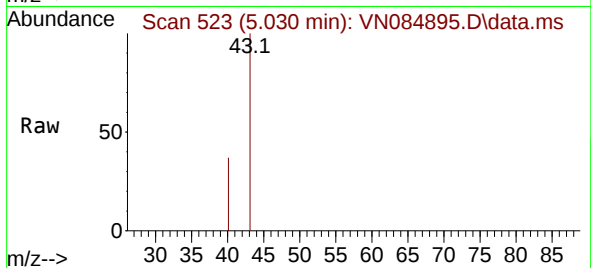
Tgt Ion: 43 Resp: 459
Ion Ratio Lower Upper
43 100
58 0.0 24.4 36.6#



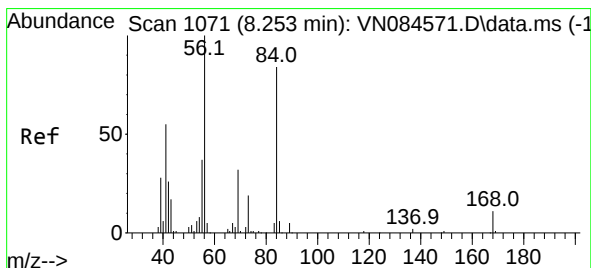
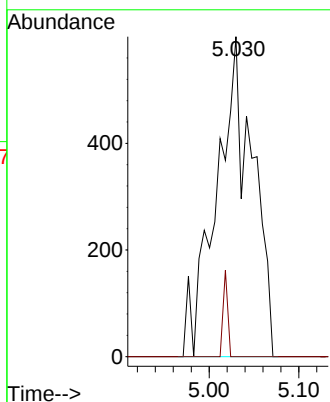
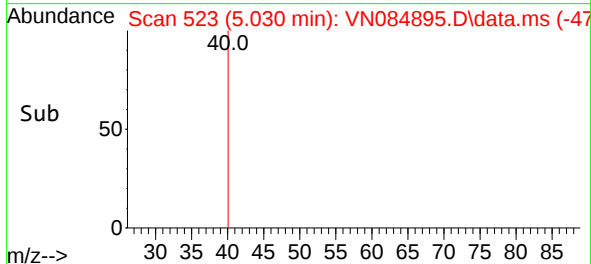


#18
Methyl Acetate
Concen: Below Cal
RT: 5.030 min Scan# 51
Delta R.T. 0.012 min
Lab File: VN084895.D
Acq: 17 Nov 2024 15:12

Instrument :
MSVOA_N
ClientSampleId :

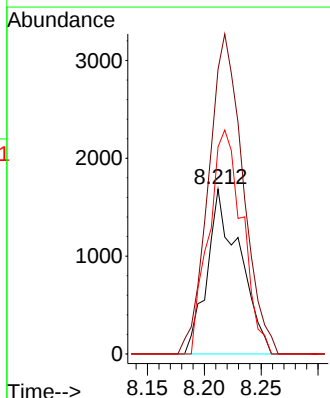
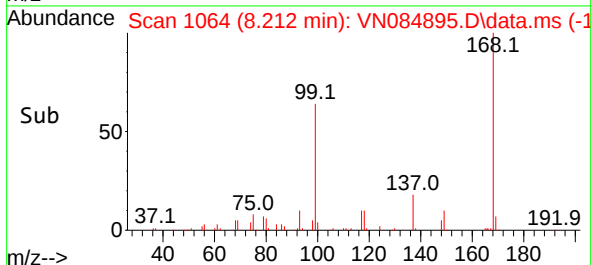
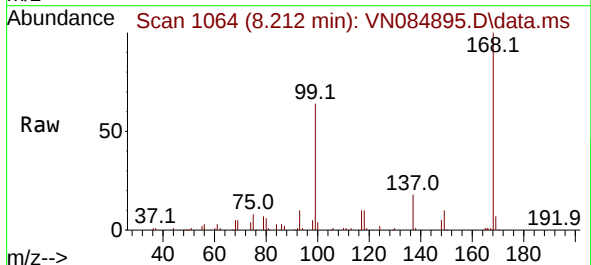


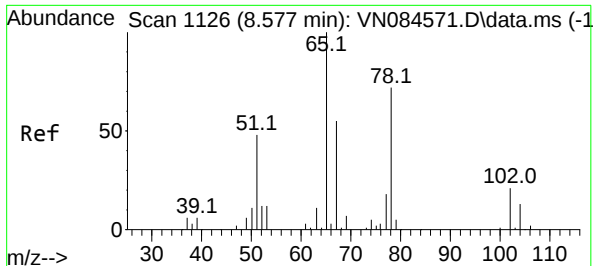
Tgt Ion: 43 Resp: 1690
Ion Ratio Lower Upper
43 100
74 3.4 19.2 28.8#



#31
Cyclohexane
Concen: 1.069 ug/l
RT: 8.212 min Scan# 1064
Delta R.T. -0.041 min
Lab File: VN084895.D
Acq: 17 Nov 2024 15:12

Tgt Ion: 56 Resp: 3372
Ion Ratio Lower Upper
56 100
69 172.7 23.8 35.6#
84 125.7 68.8 103.2#





#33

1,2-Dichloroethane-d4

Concen: 49.894 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VN084895.D

Acq: 17 Nov 2024 15:12

Instrument :

MSVOA_N

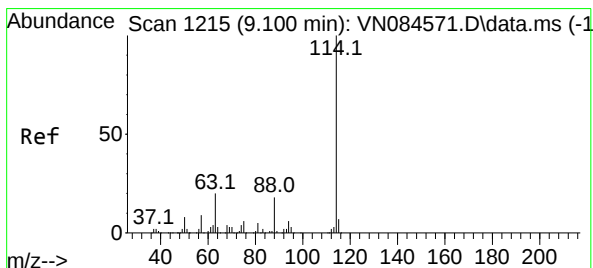
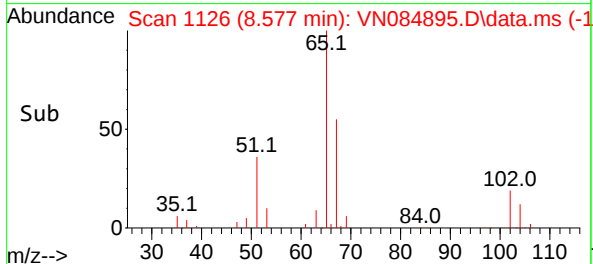
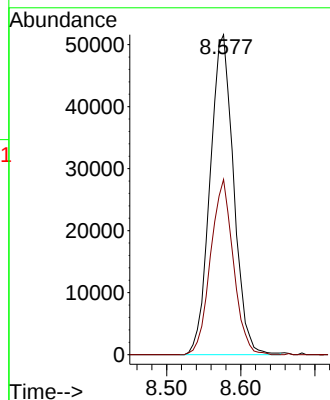
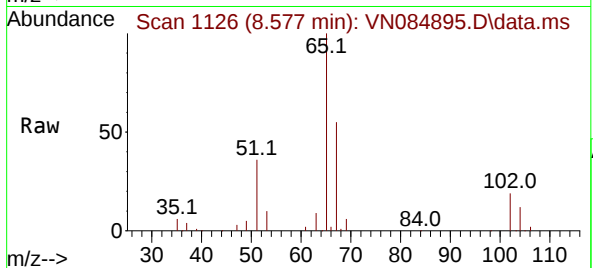
ClientSampleId :

Tgt Ion: 65 Resp: 114006

Ion Ratio Lower Upper

65 100

67 52.9 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: VN084895.D

Acq: 17 Nov 2024 15:12

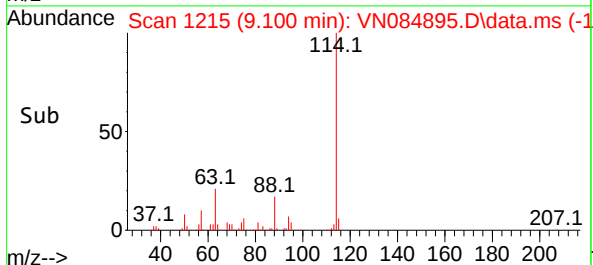
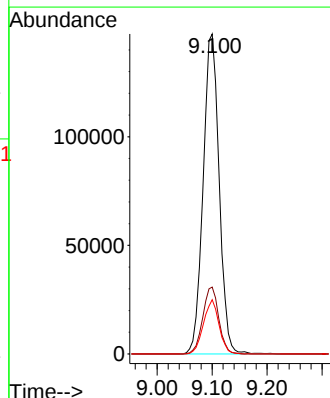
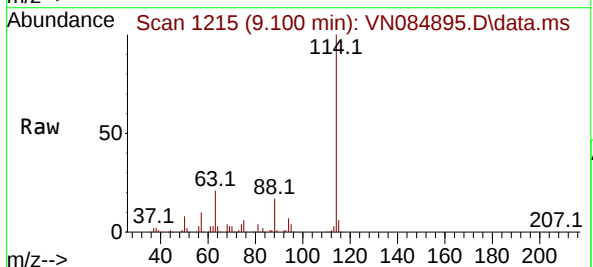
Tgt Ion: 114 Resp: 298031

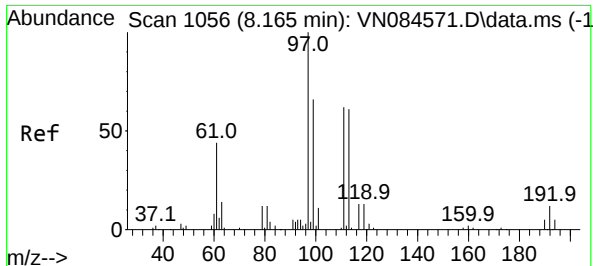
Ion Ratio Lower Upper

114 100

63 20.9 0.0 43.8

88 17.0 0.0 31.6





#35

Dibromofluoromethane

Concen: 46.839 ug/l

RT: 8.159 min Scan# 1055

Delta R.T. -0.006 min

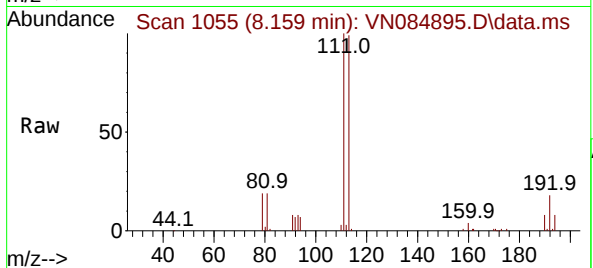
Lab File: VN084895.D

Acq: 17 Nov 2024 15:12

Instrument :

MSVOA_N

ClientSampleId :



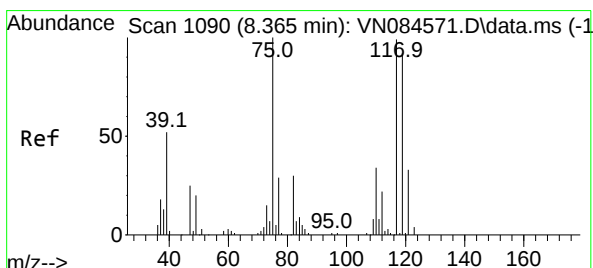
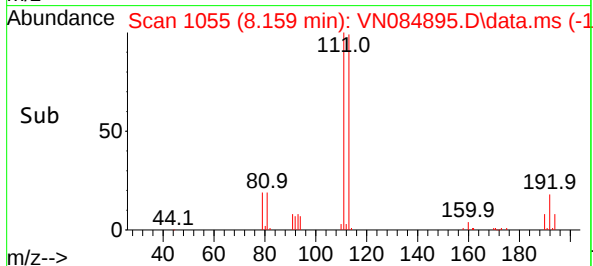
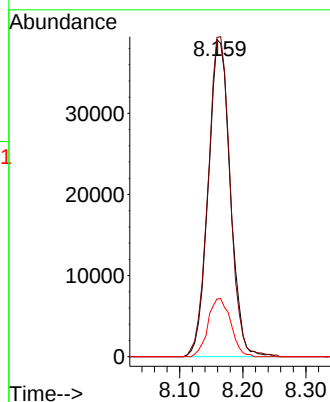
Tgt Ion:113 Resp: 94489

Ion Ratio Lower Upper

113 100

111 101.6 83.3 124.9

192 18.9 13.5 20.3



#36

1,1-Dichloropropene

Concen: 4.538 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.147 min

Lab File: VN084895.D

Acq: 17 Nov 2024 15:12

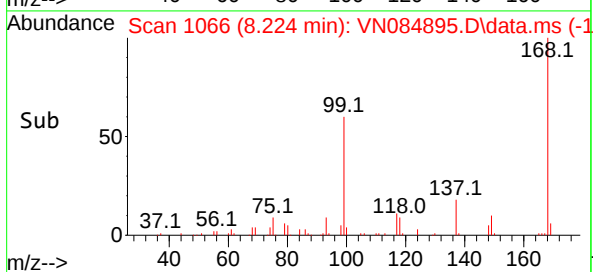
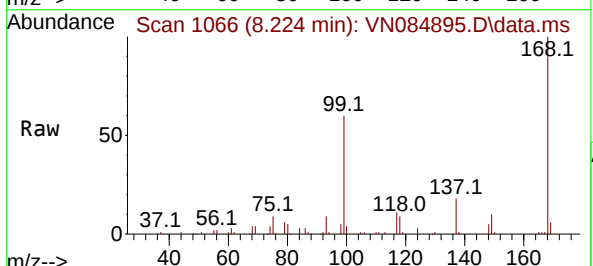
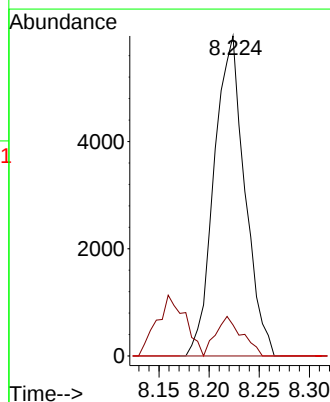
Tgt Ion: 75 Resp: 12697

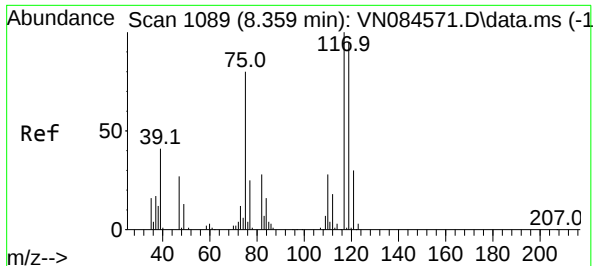
Ion Ratio Lower Upper

75 100

110 10.5 16.9 50.7#

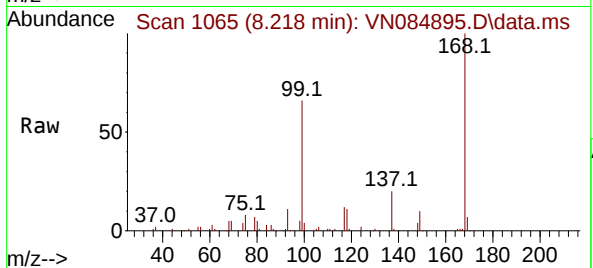
77 0.0 24.7 37.1#



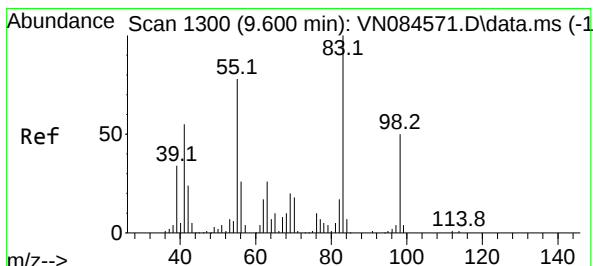
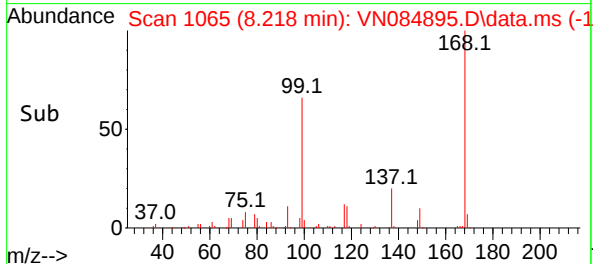
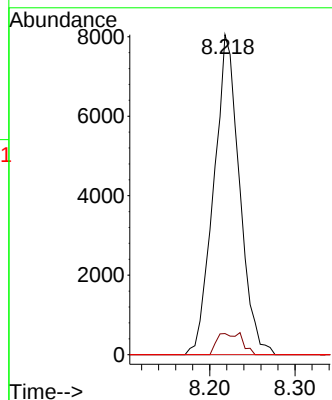


#38
Carbon Tetrachloride
Concen: 5.397 ug/l
RT: 8.218 min Scan# 117
Delta R.T. -0.141 min
Lab File: VN084895.D
Acq: 17 Nov 2024 15:12

Instrument :
MSVOA_N
ClientSampleId :

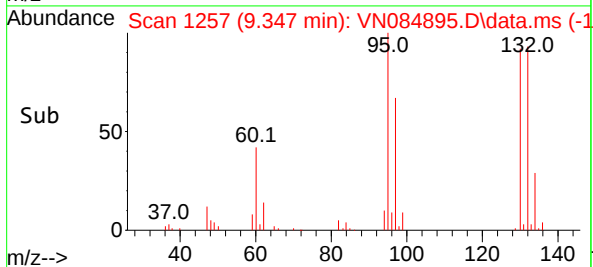
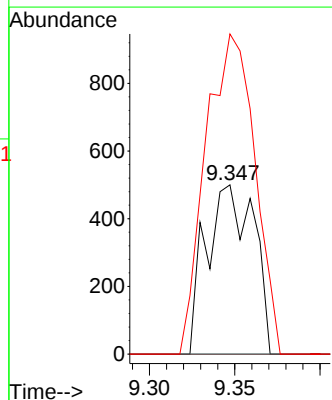
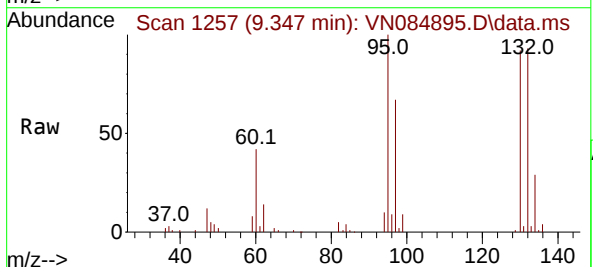


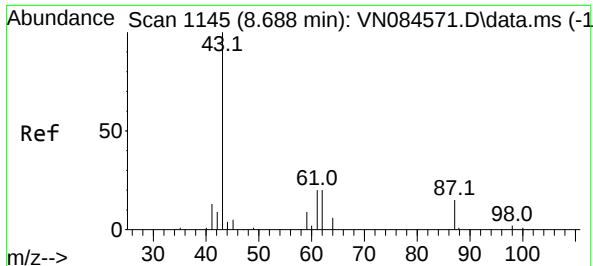
Tgt Ion:117 Resp: 16877
Ion Ratio Lower Upper
117 100
119 6.6 78.7 118.1#
121 0.0 24.4 36.6#



#39
Methylcyclohexane
Concen: 0.341 ug/l
RT: 9.347 min Scan# 1257
Delta R.T. -0.253 min
Lab File: VN084895.D
Acq: 17 Nov 2024 15:12

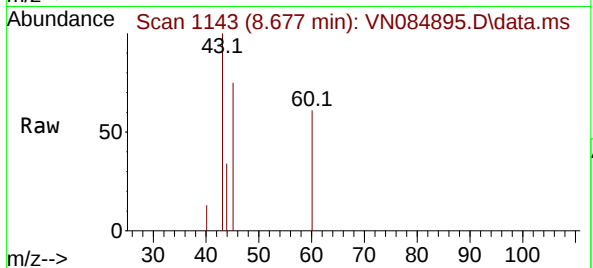
Tgt Ion: 83 Resp: 971
Ion Ratio Lower Upper
83 100
55 0.0 62.8 94.2#
98 189.2 38.8 58.2#



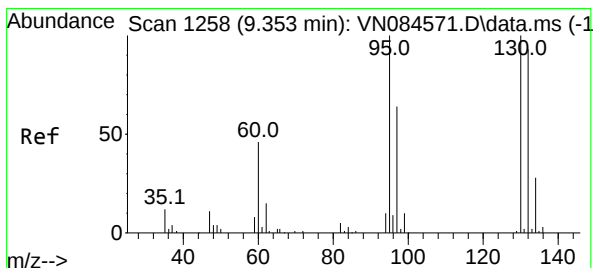
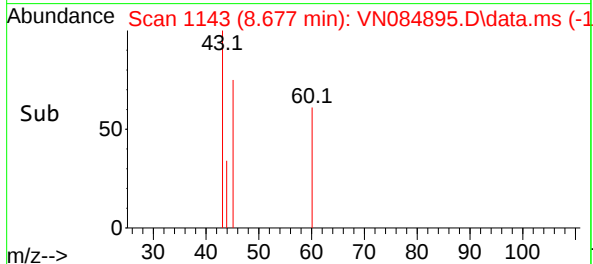
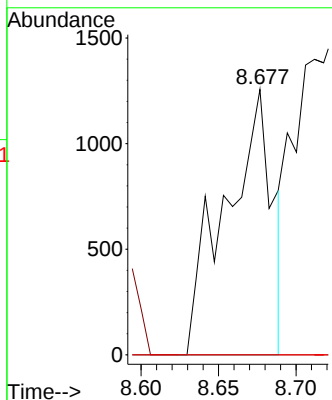


#43
Isopropyl Acetate
Concen: Below Cal
RT: 8.677 min Scan# 1143
Delta R.T. -0.011 min
Lab File: VN084895.D
Acq: 17 Nov 2024 15:12

Instrument :
MSVOA_N
ClientSampleId :

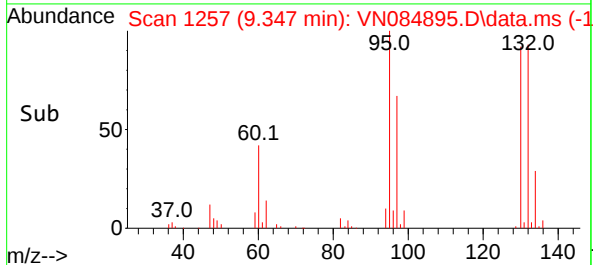
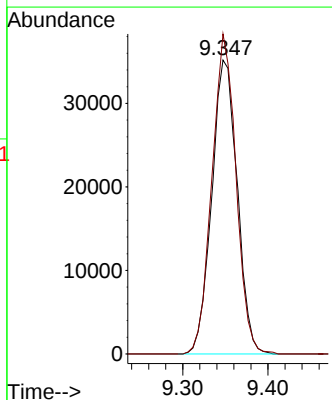
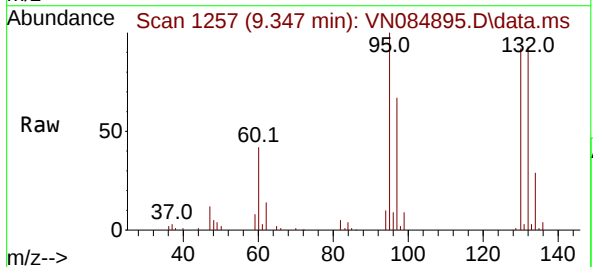


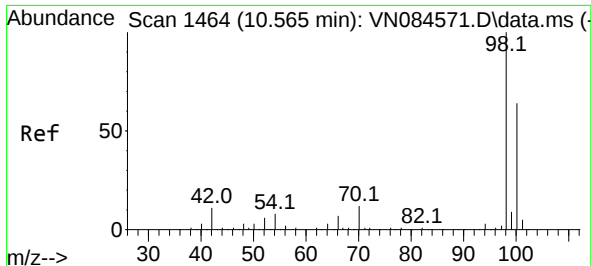
Tgt Ion: 43 Resp: 2640
Ion Ratio Lower Upper
43 100
61 0.0 20.4 30.6#
87 0.0 10.3 15.5#



#44
Trichloroethene
Concen: 35.291 ug/l
RT: 9.347 min Scan# 1257
Delta R.T. 0.000 min
Lab File: VN084895.D
Acq: 17 Nov 2024 15:12

Tgt Ion:130 Resp: 73128
Ion Ratio Lower Upper
130 100
95 108.9 0.0 203.0

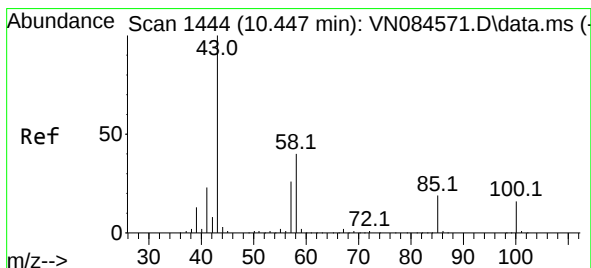
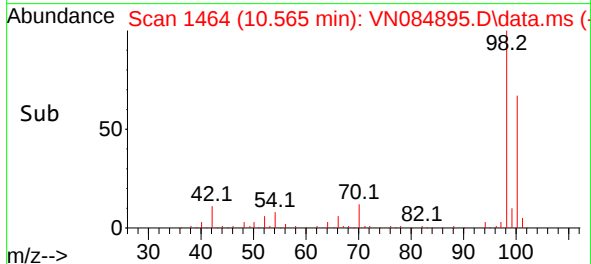
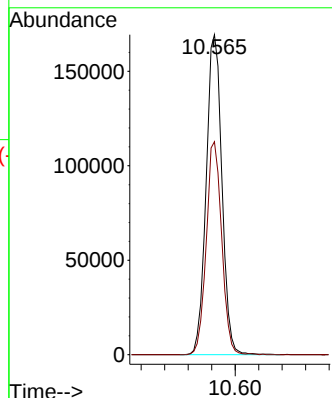
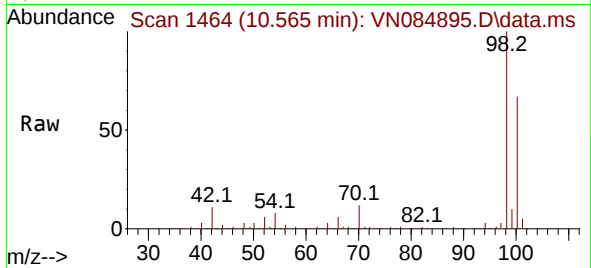




#50
Toluene-d8
Concen: 42.329 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN084895.D
Acq: 17 Nov 2024 15:12

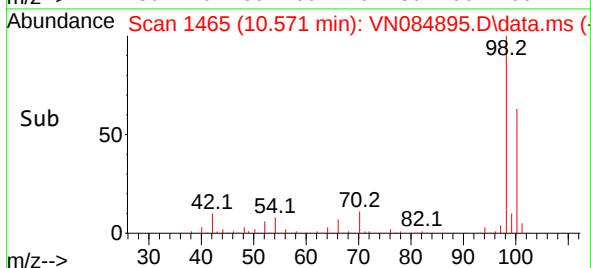
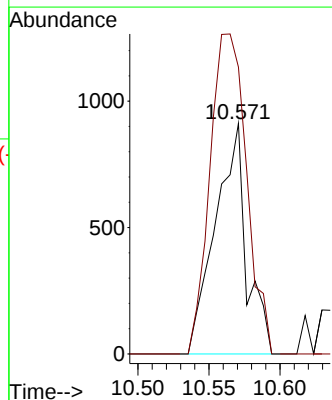
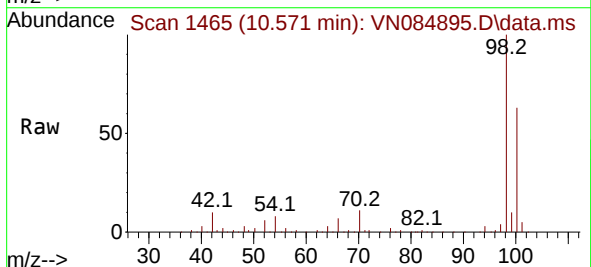
Instrument :
MSVOA_N
ClientSampleId :

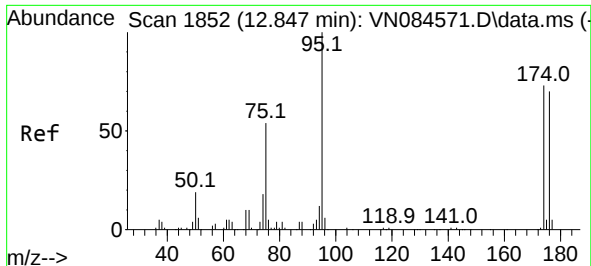
Tgt Ion: 98 Resp: 314553
Ion Ratio Lower Upper
98 100
100 65.1 52.7 79.1



#51
4-Methyl-2-Pentanone
Concen: 0.572 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.129 min
Lab File: VN084895.D
Acq: 17 Nov 2024 15:12

Tgt Ion: 43 Resp: 1384
Ion Ratio Lower Upper
43 100
58 164.6 31.6 47.4#





#62

4-Bromofluorobenzene

Concen: 43.572 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. 0.000 min

Lab File: VN084895.D

Acq: 17 Nov 2024 15:12

Instrument :

MSVOA_N

ClientSampleId :

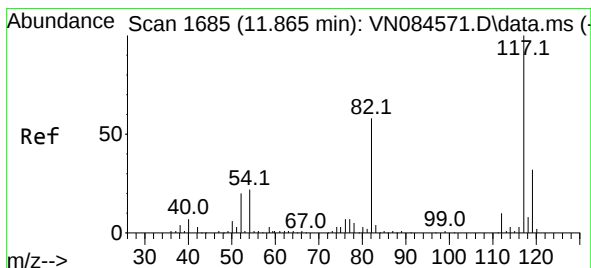
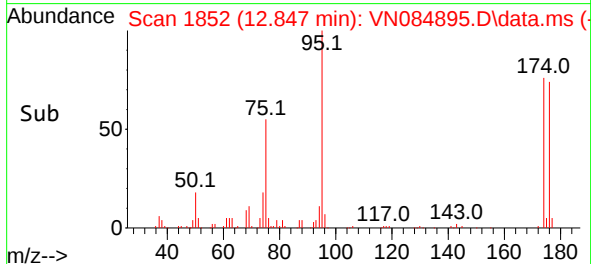
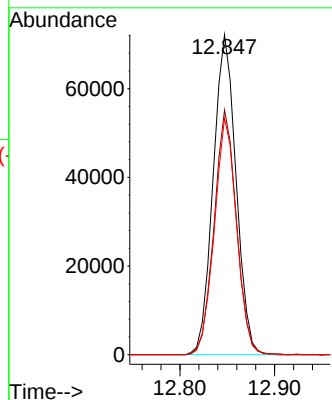
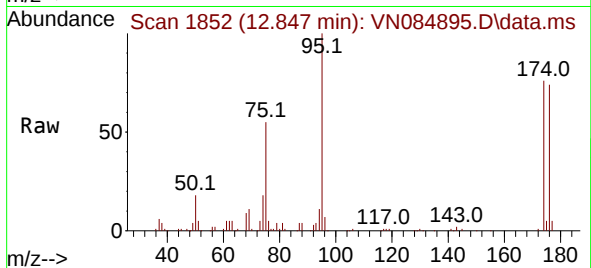
Tgt Ion: 95 Resp: 121010

Ion Ratio Lower Upper

95 100

174 74.5 0.0 145.2

176 72.1 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: VN084895.D

Acq: 17 Nov 2024 15:12

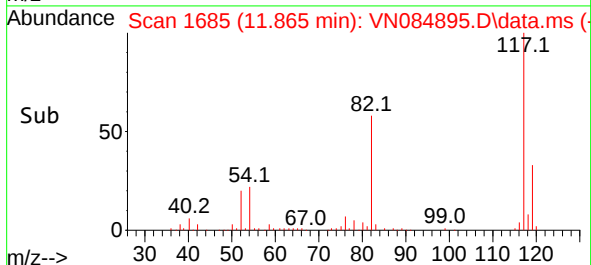
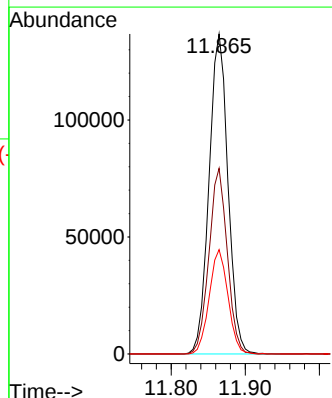
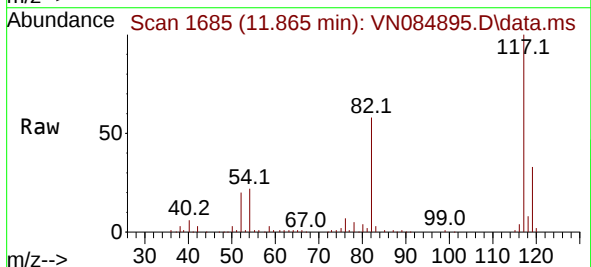
Tgt Ion: 117 Resp: 241875

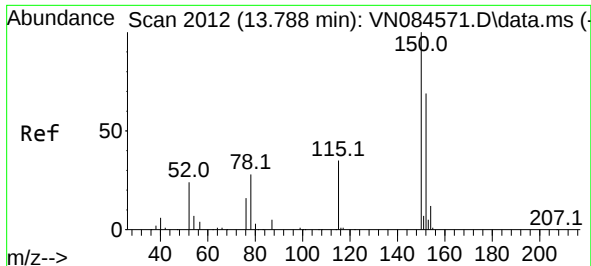
Ion Ratio Lower Upper

117 100

82 58.0 47.2 70.8

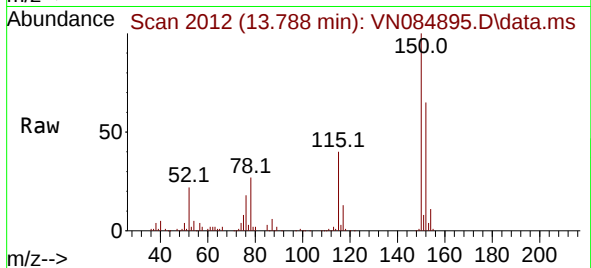
119 32.6 25.4 38.0



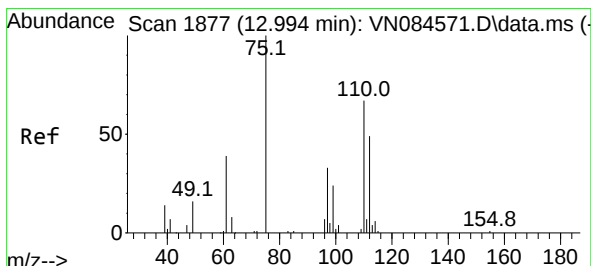
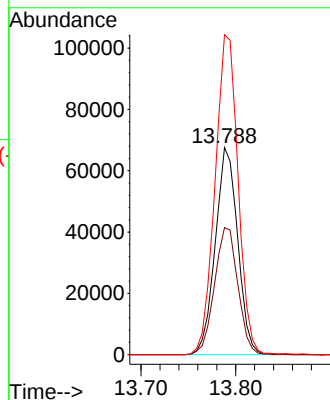
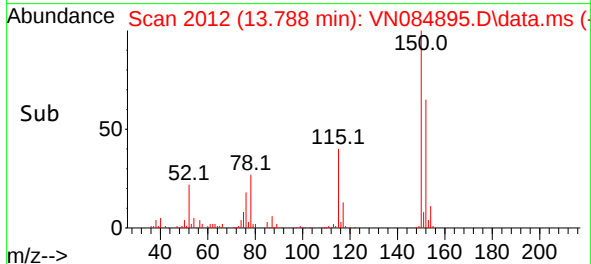


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.788 min Scan# 2012
 Delta R.T. 0.000 min
 Lab File: VN084895.D
 Acq: 17 Nov 2024 15:12

Instrument :
 MSVOA_N
 ClientSampleId :

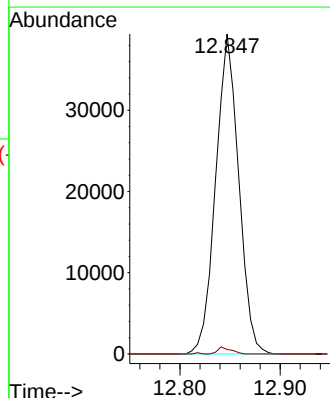
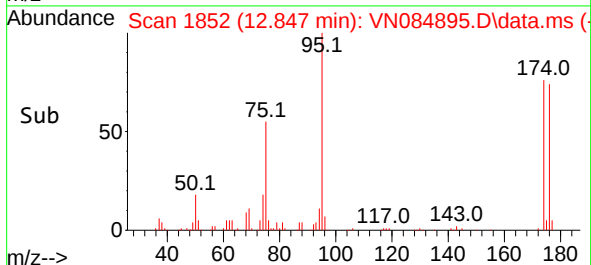
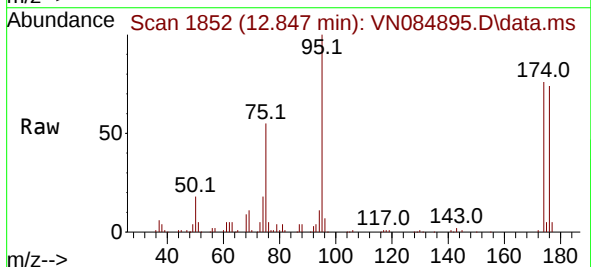


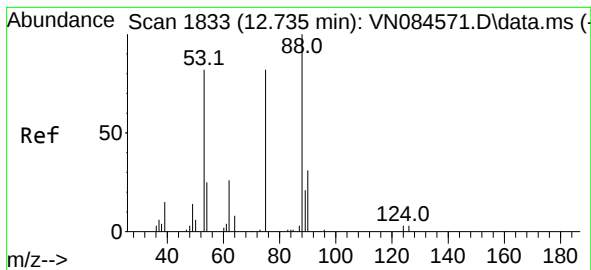
Tgt Ion:152 Resp: 111150
 Ion Ratio Lower Upper
 152 100
 115 64.0 31.3 93.9
 150 158.9 0.0 349.8



#76
 1,2,3-Trichloropropane
 Concen: 28.285 ug/l
 RT: 12.847 min Scan# 1852
 Delta R.T. -0.141 min
 Lab File: VN084895.D
 Acq: 17 Nov 2024 15:12

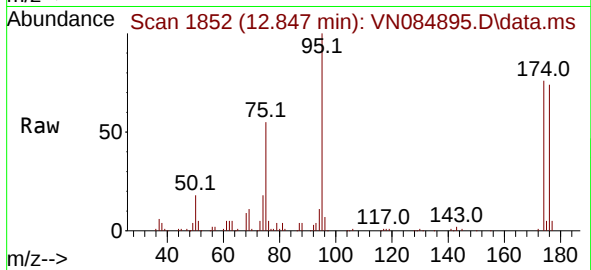
Tgt Ion: 75 Resp: 62845
 Ion Ratio Lower Upper
 75 100
 77 1.2 96.9 290.7#





#81
trans-1,4-Dichloro-2-butene
Concen: 67.104 ug/l
RT: 12.847 min Scan# 11
Delta R.T. 0.112 min
Lab File: VN084895.D
Acq: 17 Nov 2024 15:12

Instrument :
MSVOA_N
ClientSampleId :



Tgt Ion: 75 Resp: 62845
Ion Ratio Lower Upper
75 100
53 0.0 78.0 117.0#
89 0.0 35.5 53.3#

