

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111324\
 Data File : VN084833.D
 Acq On : 13 Nov 2024 18:00
 Operator : JC\MD
 Sample : P4780-02RE
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Nov 14 00:40:04 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)

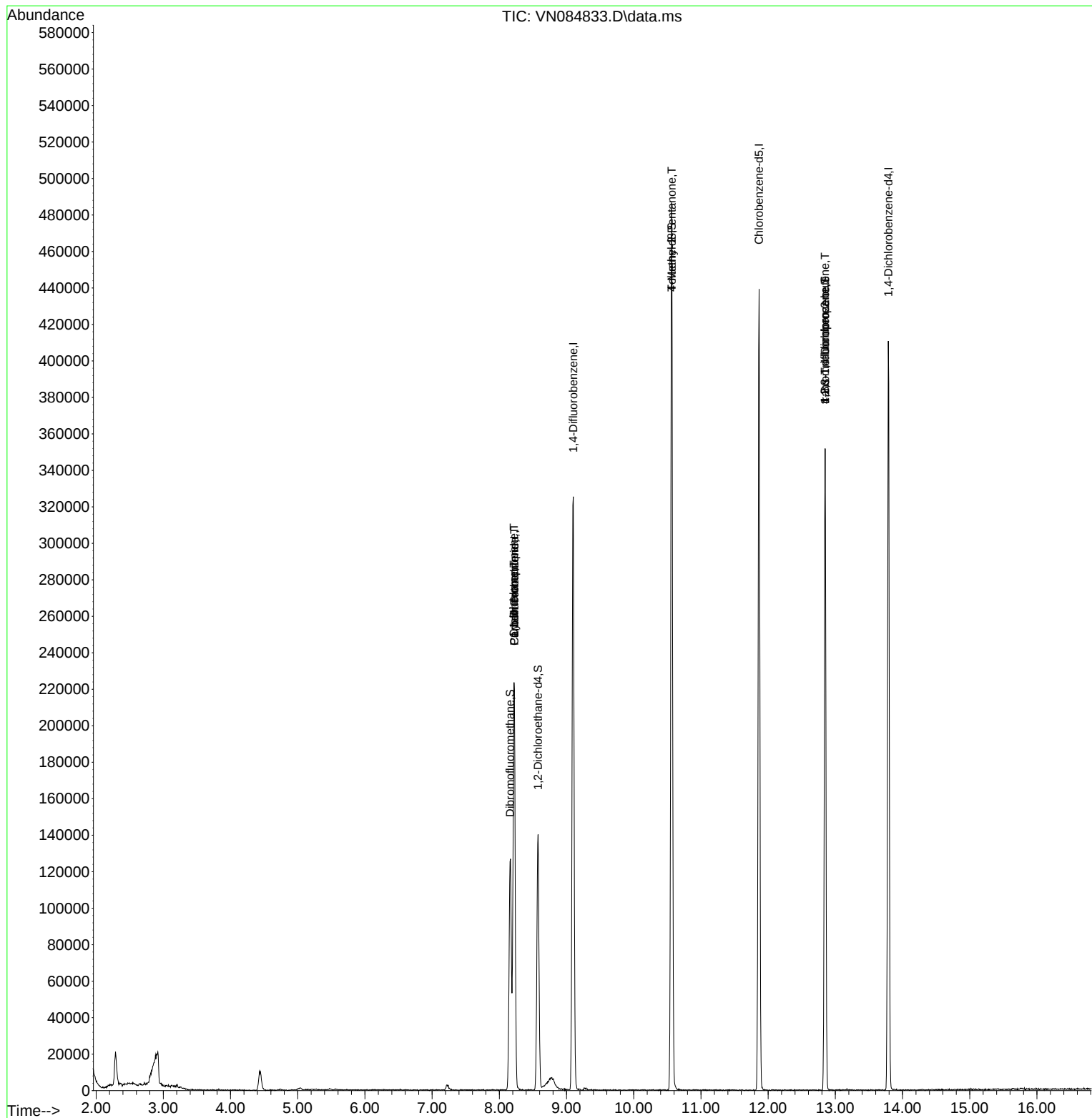
Internal Standards						
1) Pentafluorobenzene	8.224	168	164805	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	285631	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	252256	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	113219	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	115214	48.402	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	96.800%
35) Dibromofluoromethane	8.159	113	94905	49.088	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	98.180%
50) Toluene-d8	10.565	98	334453	46.961	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	93.920%
62) 4-Bromofluorobenzene	12.847	95	123327	46.334	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	92.660%
Target Compounds						
					Qvalue	
3) Chloromethane	2.359	50	881	Below Cal	#	82
6) Chloroethane	3.124	64	76	Below Cal	#	45
16) Acetone	4.424	43	497	Below Cal	#	44
18) Methyl Acetate	5.018	43	1743	Below Cal	#	82
31) Cyclohexane	8.218	56	3240	0.986	ug/l #	13
36) 1,1-Dichloropropene	8.218	75	13397	4.996	ug/l #	44
38) Carbon Tetrachloride	8.224	117	17397	5.805	ug/l #	17
43) Isopropyl Acetate	8.688	43	889	Below Cal	#	56
51) 4-Methyl-2-Pentanone	10.565	43	1399	0.603	ug/l #	1
76) 1,2,3-Trichloropropane	12.847	75	63002	27.838	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	63002	66.042	ug/l #	11
88) 1,4-Dichlorobenzene	13.812	146	201	Below Cal	#	24

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

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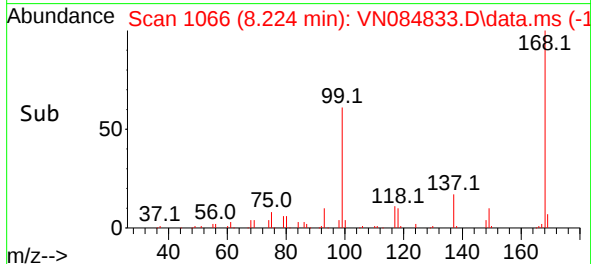
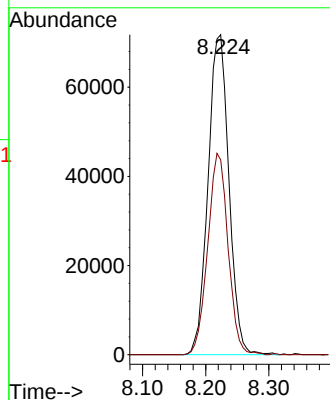
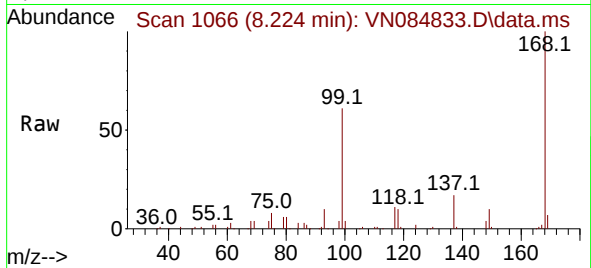




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 10
Delta R.T. -0.000 min
Lab File: VN084833.D
Acq: 13 Nov 2024 18:00

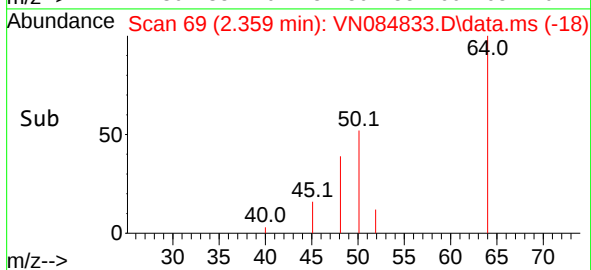
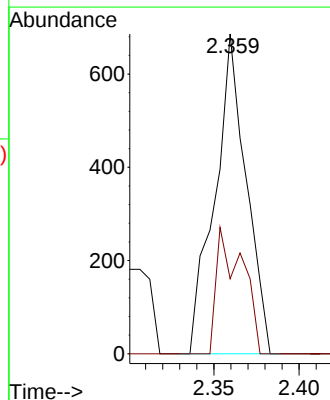
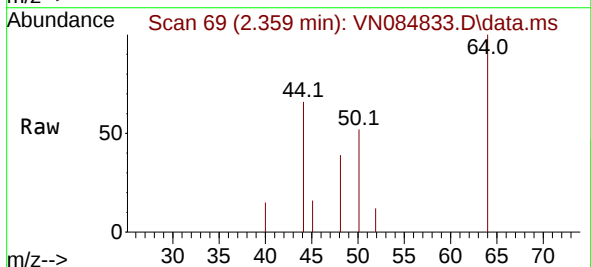
Instrument :
MSVOA_N
ClientSampleId :

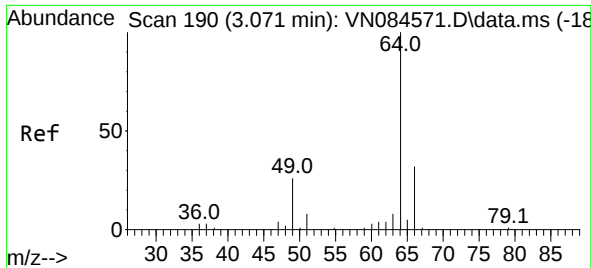
Tgt Ion:168 Resp: 164805
Ion Ratio Lower Upper
168 100
99 60.9 54.2 81.2



#3
Chloromethane
Concen: Below Cal
RT: 2.359 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN084833.D
Acq: 13 Nov 2024 18:00

Tgt Ion: 50 Resp: 881
Ion Ratio Lower Upper
50 100
52 23.5 26.8 40.2#

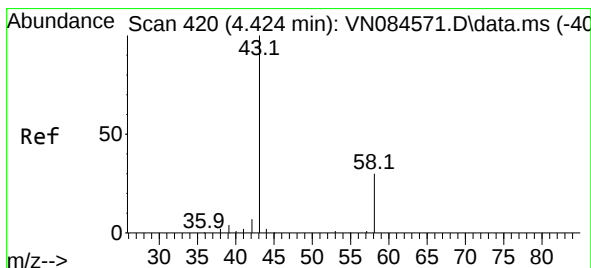
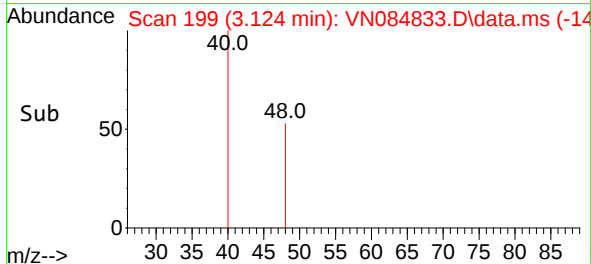
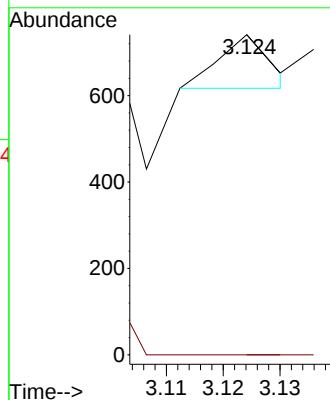
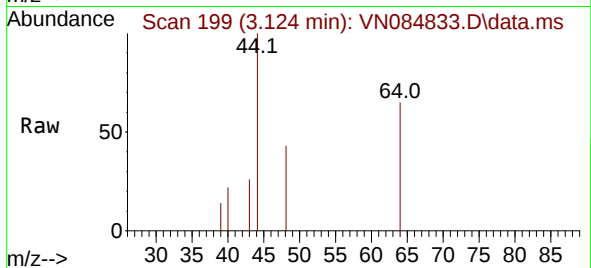




#6
Chloroethane
Concen: Below Cal
RT: 3.124 min Scan# 19
Delta R.T. 0.006 min
Lab File: VN084833.D
Acq: 13 Nov 2024 18:00

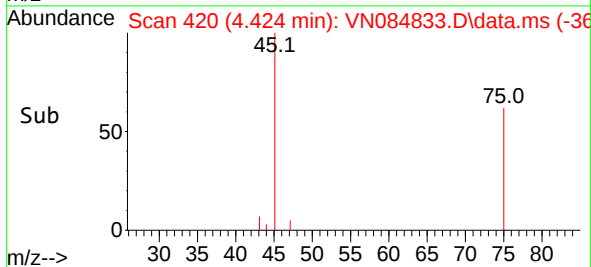
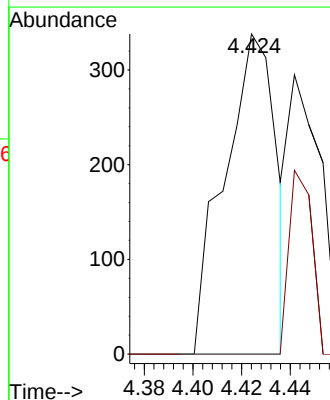
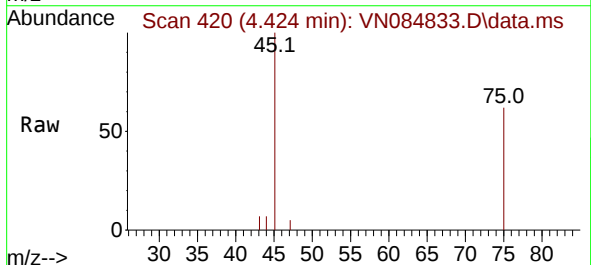
Instrument :
MSVOA_N
ClientSampleId :

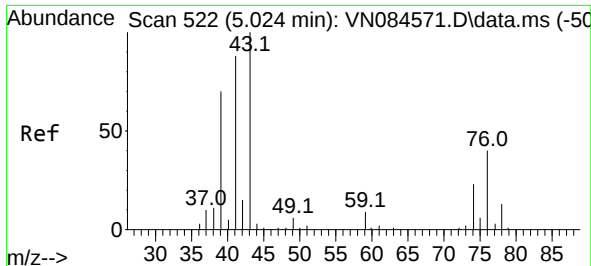
Tgt Ion: 64 Resp: 76
Ion Ratio Lower Upper
64 100
66 0.0 23.5 35.3#



#16
Acetone
Concen: Below Cal
RT: 4.424 min Scan# 420
Delta R.T. 0.000 min
Lab File: VN084833.D
Acq: 13 Nov 2024 18:00

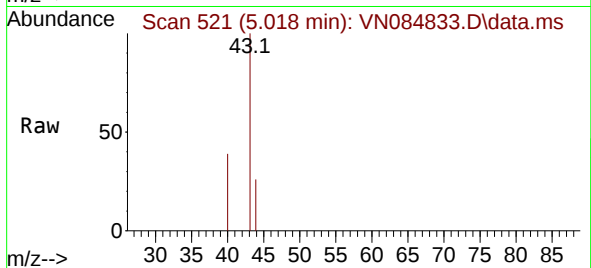
Tgt Ion: 43 Resp: 497
Ion Ratio Lower Upper
43 100
58 0.0 24.4 36.6#



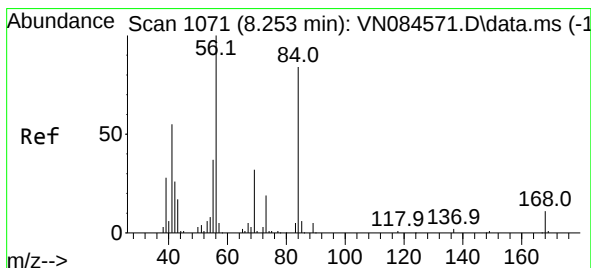
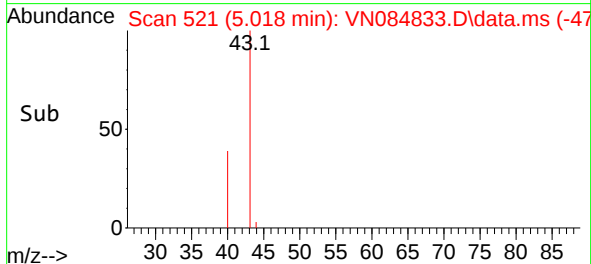
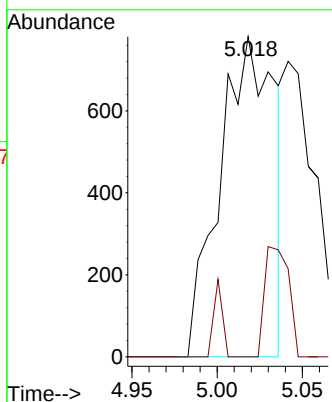


#18
Methyl Acetate
Concen: Below Cal
RT: 5.018 min Scan# 51
Delta R.T. 0.000 min
Lab File: VN084833.D
Acq: 13 Nov 2024 18:00

Instrument :
MSVOA_N
ClientSampleId :

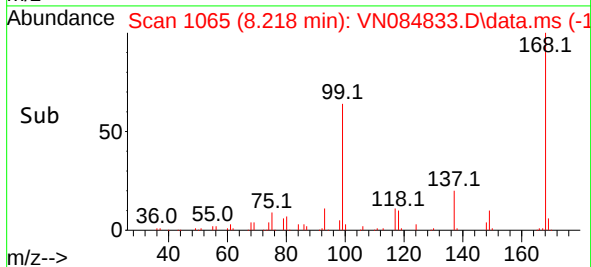
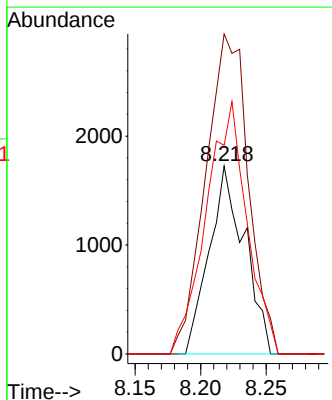
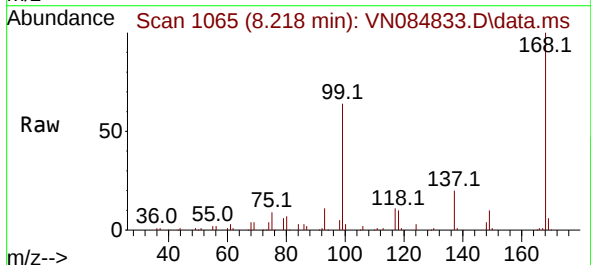


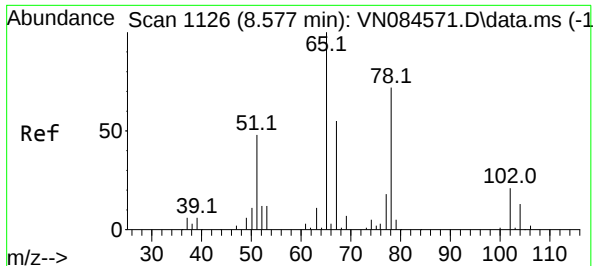
Tgt Ion: 43 Resp: 1743
Ion Ratio Lower Upper
43 100
74 15.1 19.2 28.8#



#31
Cyclohexane
Concen: 0.986 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.035 min
Lab File: VN084833.D
Acq: 13 Nov 2024 18:00

Tgt Ion: 56 Resp: 3240
Ion Ratio Lower Upper
56 100
69 170.4 23.8 35.6#
84 111.1 68.8 103.2#





#33

1,2-Dichloroethane-d4

Concen: 48.402 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VN084833.D

Acq: 13 Nov 2024 18:00

Instrument :

MSVOA_N

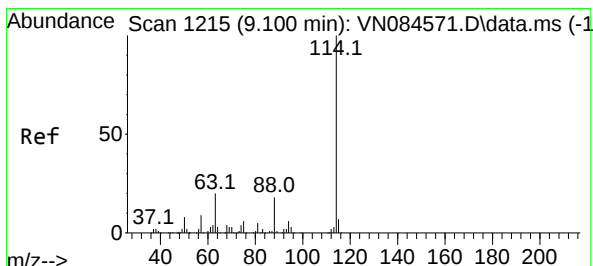
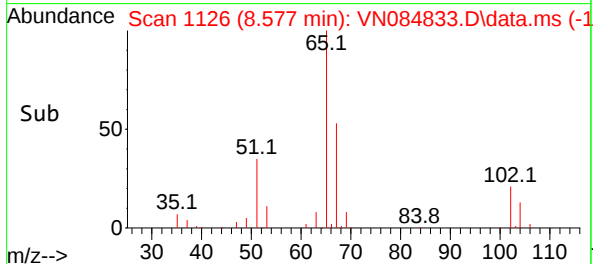
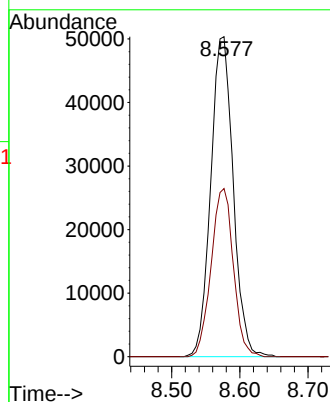
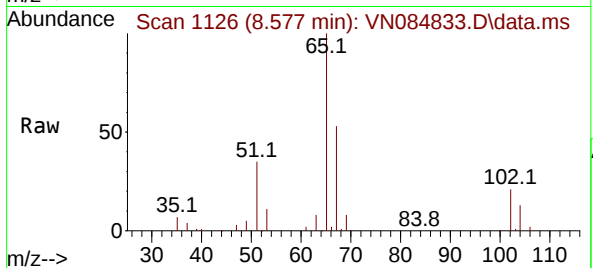
ClientSampleId :

Tgt Ion: 65 Resp: 115214

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: VN084833.D

Acq: 13 Nov 2024 18:00

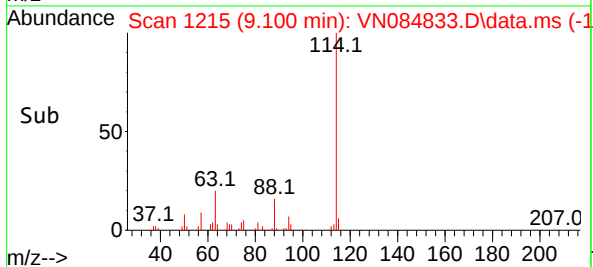
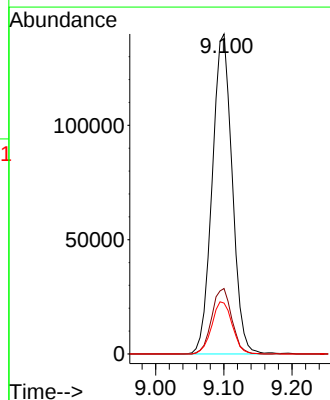
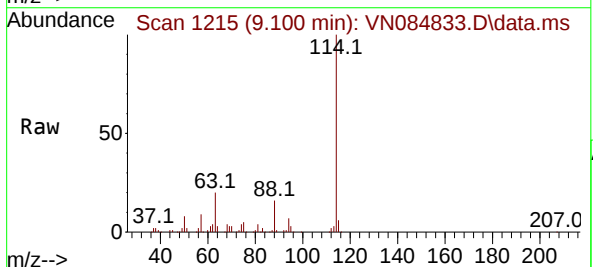
Tgt Ion: 114 Resp: 285631

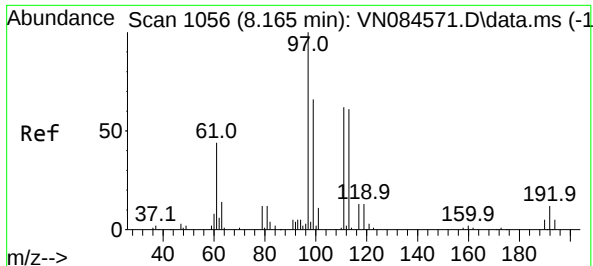
Ion Ratio Lower Upper

114 100

63 20.5 0.0 43.8

88 15.9 0.0 31.6





#35

Dibromofluoromethane

Concen: 49.088 ug/l

RT: 8.159 min Scan# 1055

Delta R.T. -0.006 min

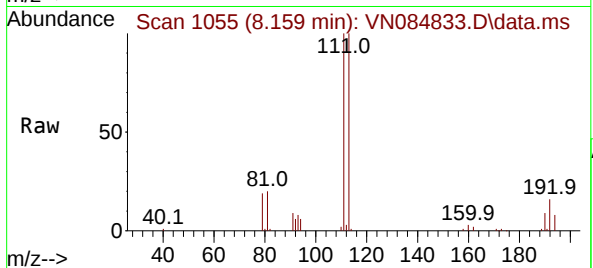
Lab File: VN084833.D

Acq: 13 Nov 2024 18:00

Instrument :

MSVOA_N

ClientSampleId :



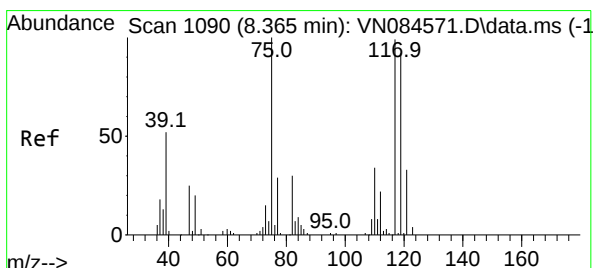
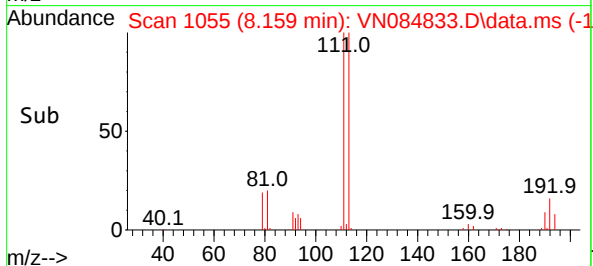
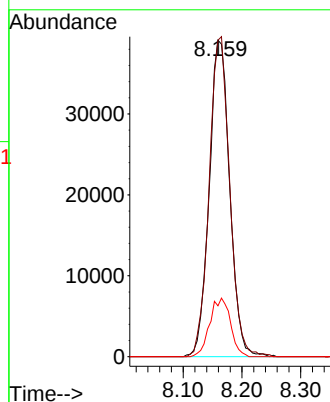
Tgt Ion:113 Resp: 94905

Ion Ratio Lower Upper

113 100

111 101.0 83.3 124.9

192 18.6 13.5 20.3



#36

1,1-Dichloropropene

Concen: 4.996 ug/l

RT: 8.218 min Scan# 1065

Delta R.T. -0.153 min

Lab File: VN084833.D

Acq: 13 Nov 2024 18:00

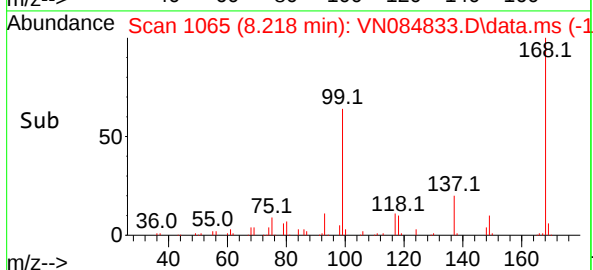
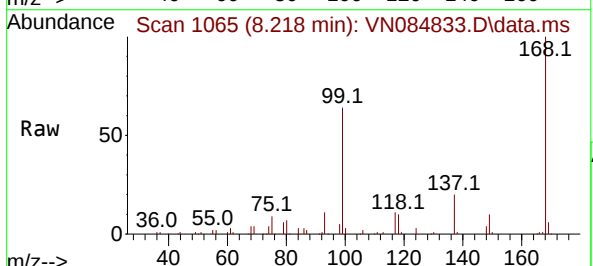
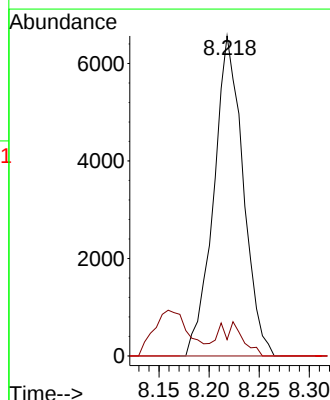
Tgt Ion: 75 Resp: 13397

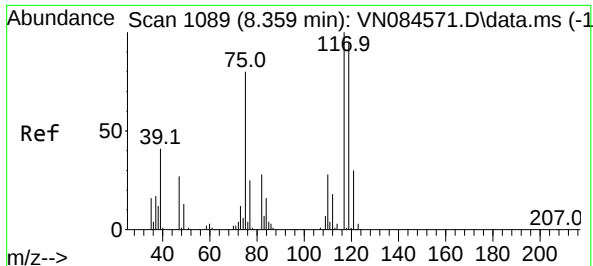
Ion Ratio Lower Upper

75 100

110 1.6 16.9 50.7#

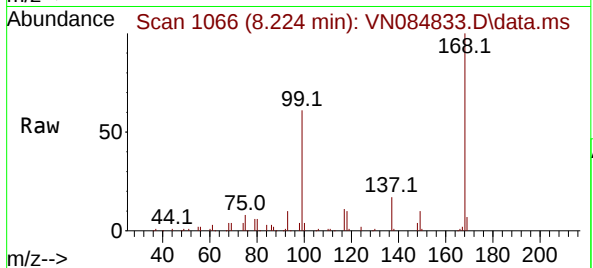
77 0.0 24.7 37.1#



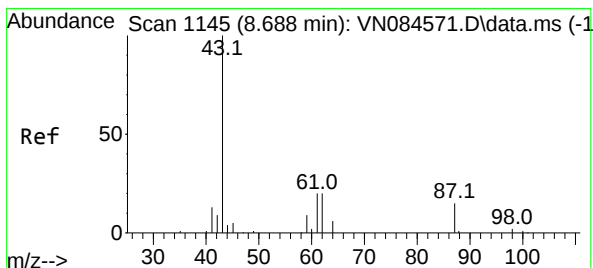
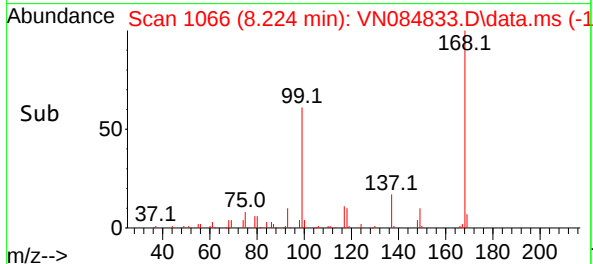
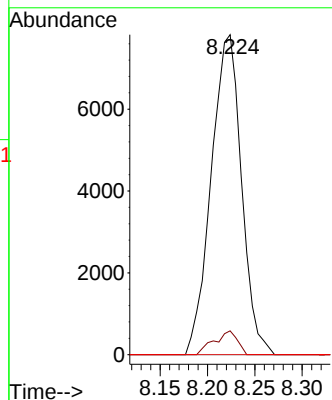


#38
Carbon Tetrachloride
Concen: 5.805 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.135 min
Lab File: VN084833.D
Acq: 13 Nov 2024 18:00

Instrument :
MSVOA_N
ClientSampleId :

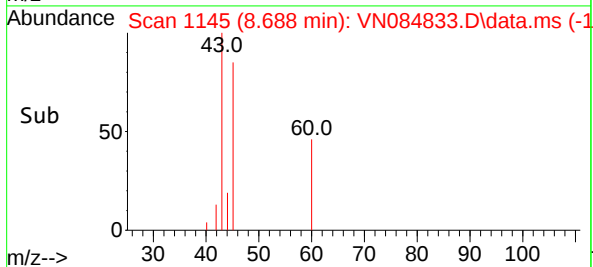
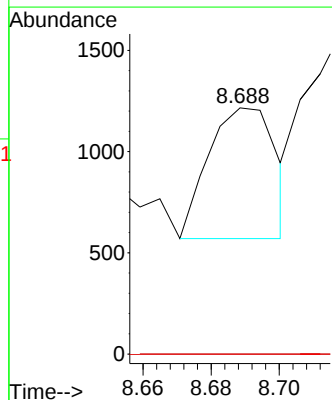
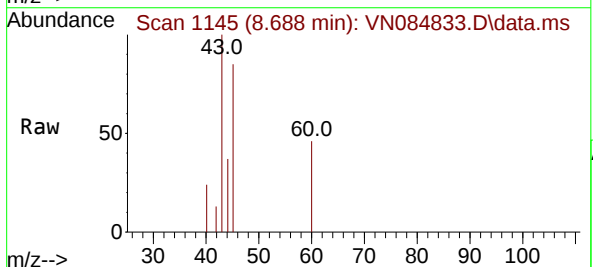


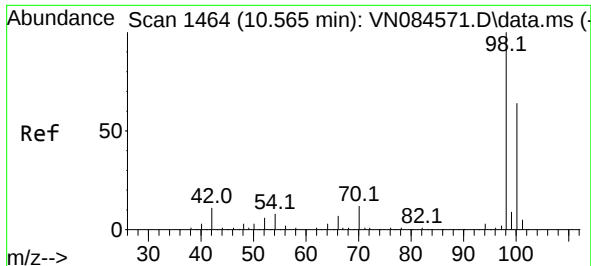
Tgt Ion:117 Resp: 17397
Ion Ratio Lower Upper
117 100
119 7.5 78.7 118.1#
121 0.0 24.4 36.6#



#43
Isopropyl Acetate
Concen: Below Cal
RT: 8.688 min Scan# 1145
Delta R.T. 0.000 min
Lab File: VN084833.D
Acq: 13 Nov 2024 18:00

Tgt Ion: 43 Resp: 889
Ion Ratio Lower Upper
43 100
61 0.0 20.4 30.6#
87 0.0 10.3 15.5#

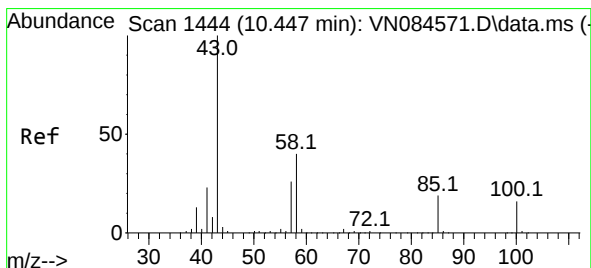
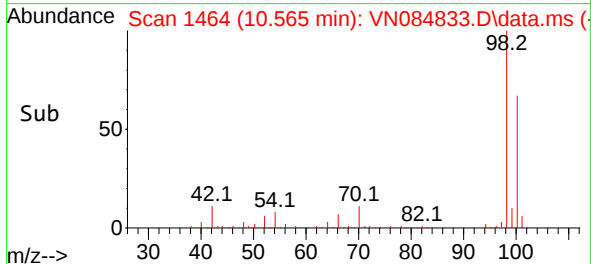
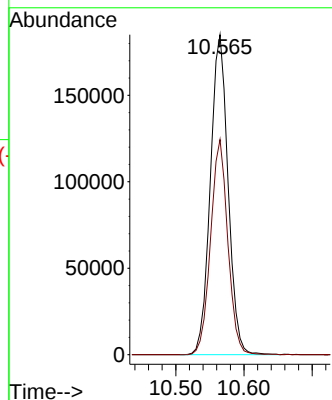
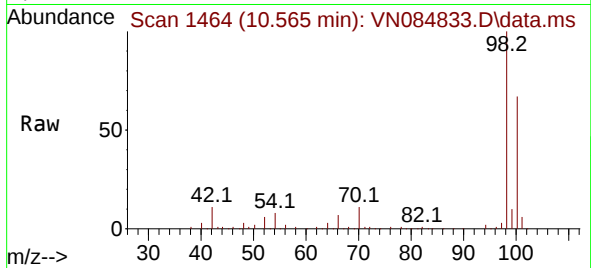




#50
Toluene-d8
Concen: 46.961 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN084833.D
Acq: 13 Nov 2024 18:00

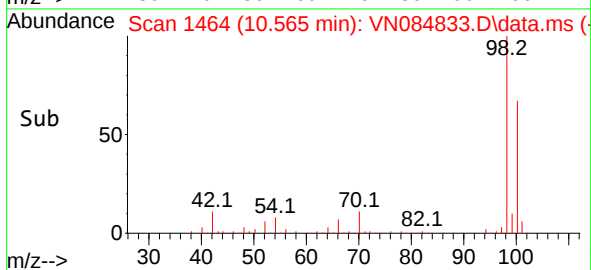
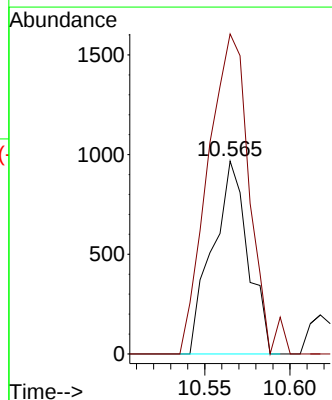
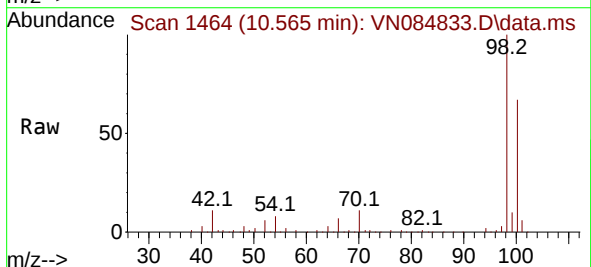
Instrument :
MSVOA_N
ClientSampleId :

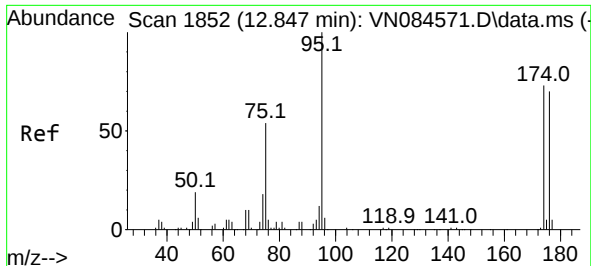
Tgt Ion: 98 Resp: 334453
Ion Ratio Lower Upper
98 100
100 65.4 52.7 79.1



#51
4-Methyl-2-Pentanone
Concen: 0.603 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.124 min
Lab File: VN084833.D
Acq: 13 Nov 2024 18:00

Tgt Ion: 43 Resp: 1399
Ion Ratio Lower Upper
43 100
58 194.9 31.6 47.4#

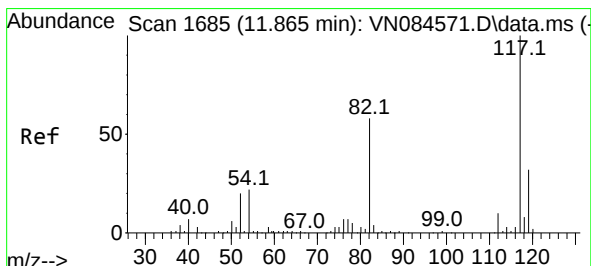
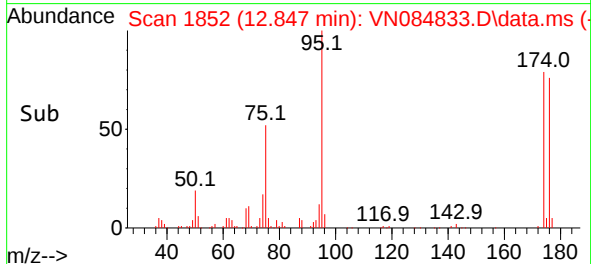
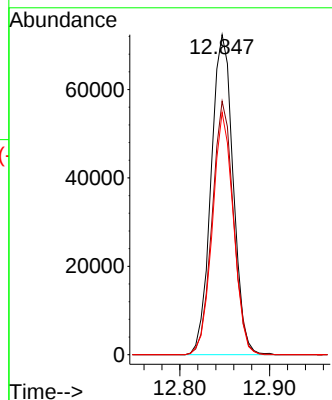
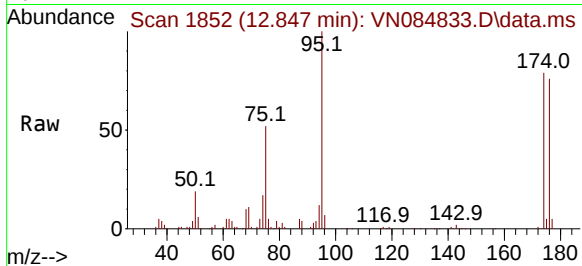




#62
4-Bromofluorobenzene
Concen: 46.334 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN084833.D
Acq: 13 Nov 2024 18:00

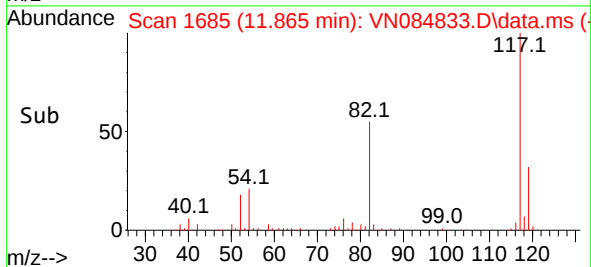
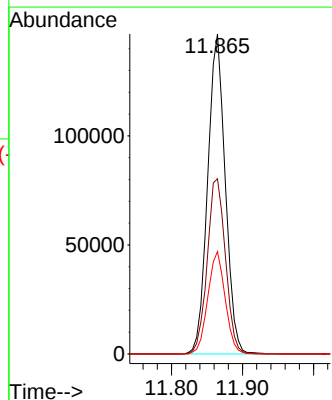
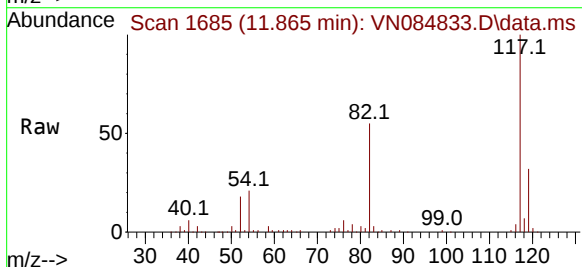
Instrument :
MSVOA_N
ClientSampleId :

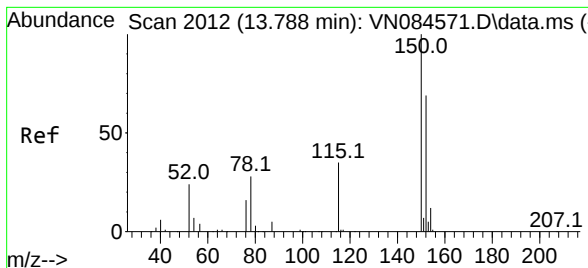
Tgt Ion: 95 Resp: 123327
Ion Ratio Lower Upper
95 100
174 76.7 0.0 145.2
176 72.2 0.0 140.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN084833.D
Acq: 13 Nov 2024 18:00

Tgt Ion: 117 Resp: 252256
Ion Ratio Lower Upper
117 100
82 54.7 47.2 70.8
119 32.0 25.4 38.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.788 min Scan# 20

Delta R.T. 0.000 min

Lab File: VN084833.D

Acq: 13 Nov 2024 18:00

Instrument :

MSVOA_N

ClientSampleId :

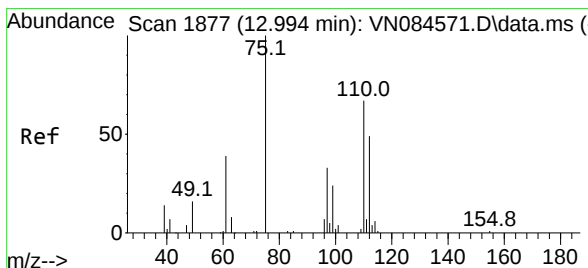
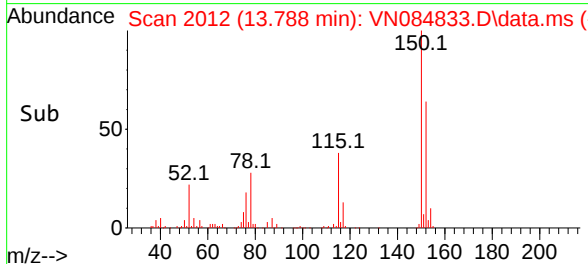
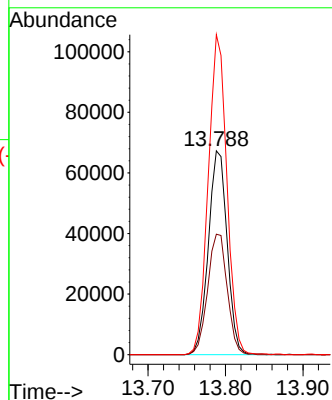
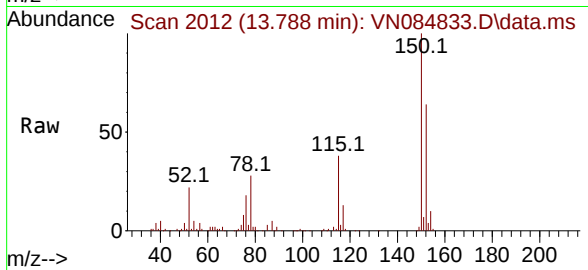
Tgt Ion:152 Resp: 113219

Ion Ratio Lower Upper

152 100

115 61.6 31.3 93.9

150 155.5 0.0 349.8



#76

1,2,3-Trichloropropane

Concen: 27.838 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. -0.141 min

Lab File: VN084833.D

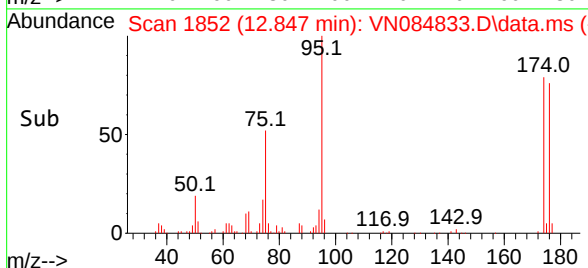
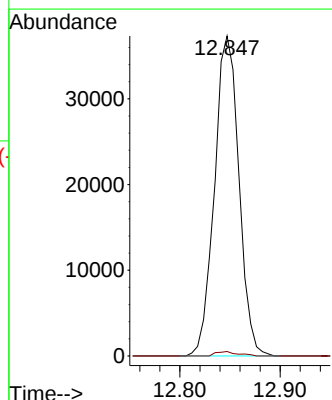
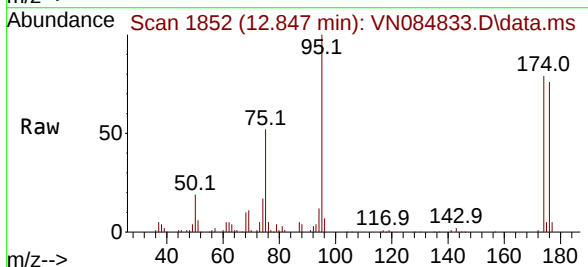
Acq: 13 Nov 2024 18:00

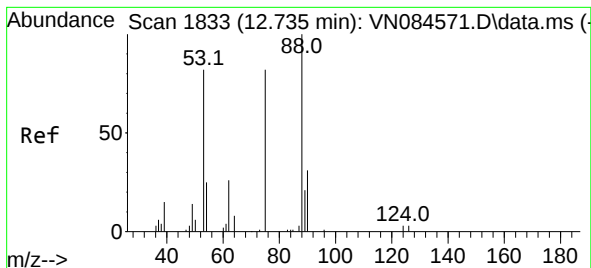
Tgt Ion: 75 Resp: 63002

Ion Ratio Lower Upper

75 100

77 1.2 96.9 290.7#

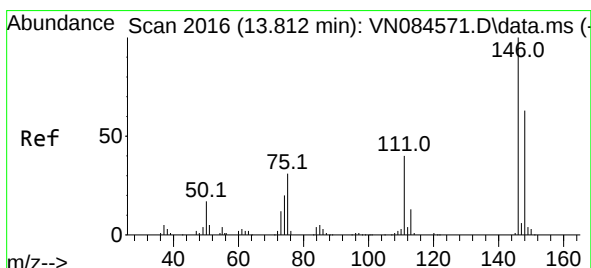
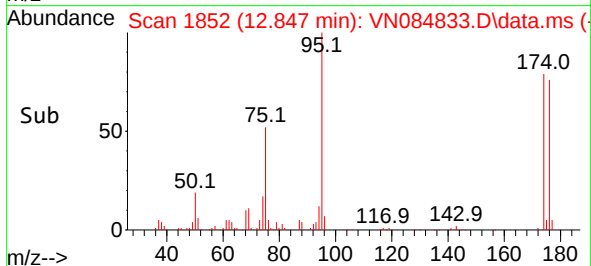
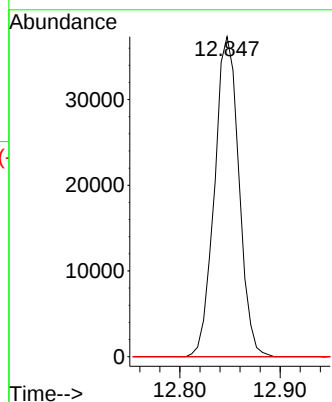
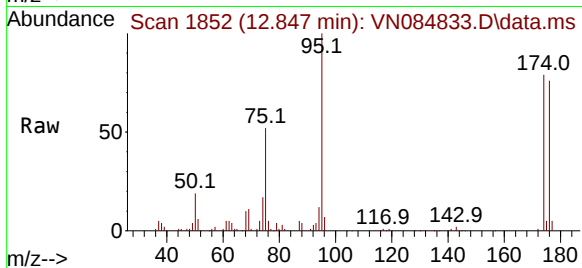




#81
trans-1,4-Dichloro-2-butene
Concen: 66.042 ug/l
RT: 12.847 min Scan# 1833
Delta R.T. 0.112 min
Lab File: VN084833.D
Acq: 13 Nov 2024 18:00

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 75 Resp: 63002
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: 13.812 min Scan# 2016
Delta R.T. -0.000 min
Lab File: VN084833.D
Acq: 13 Nov 2024 18:00

Tgt Ion:146 Resp: 201
Ion Ratio Lower Upper
146 100
111 0.0 21.2 63.6#
148 0.0 31.9 95.9#

