

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111324\
 Data File : VN084832.D
 Acq On : 13 Nov 2024 17:35
 Operator : JC\MD
 Sample : P4770-05
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Nov 14 00:39:42 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)

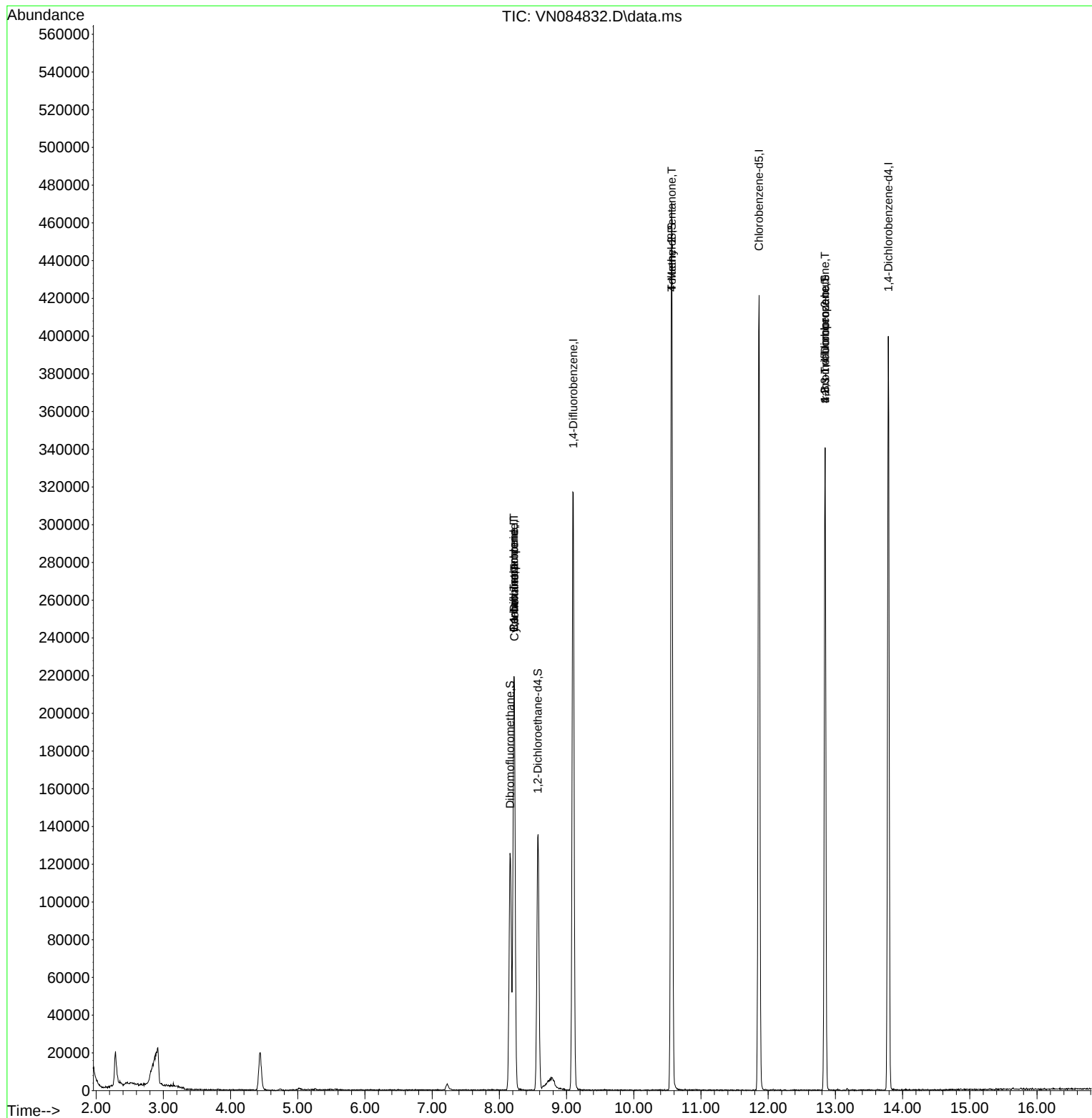
Internal Standards						
1) Pentafluorobenzene	8.218	168	162509	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	277494	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	246107	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	108148	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.571	65	113469	48.343	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	96.680%
35) Dibromofluoromethane	8.159	113	93572	49.817	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	99.640%
50) Toluene-d8	10.565	98	325730	47.077	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	94.160%
62) 4-Bromofluorobenzene	12.847	95	118884	45.974	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	91.940%
Target Compounds						
					Qvalue	
3) Chloromethane	2.359	50	1369	Below Cal	#	79
6) Chloroethane	3.142	64	148	Below Cal	#	45
16) Acetone	4.442	43	1317	Below Cal	#	44
18) Methyl Acetate	5.018	43	1921	Below Cal	#	71
31) Cyclohexane	8.224	56	3288	1.015	ug/l #	1
36) 1,1-Dichloropropene	8.218	75	12896	4.951	ug/l #	50
38) Carbon Tetrachloride	8.218	117	17571	6.035	ug/l #	15
43) Isopropyl Acetate	8.694	43	3973	Below Cal	#	56
51) 4-Methyl-2-Pentanone	10.565	43	1261	0.560	ug/l #	1
76) 1,2,3-Trichloropropane	12.847	75	61582	28.486	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	61582	67.580	ug/l #	11
88) 1,4-Dichlorobenzene	13.812	146	54	Below Cal	#	43

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

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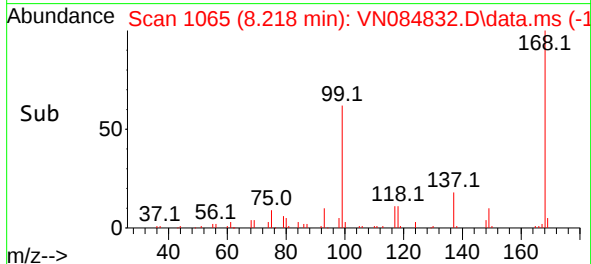
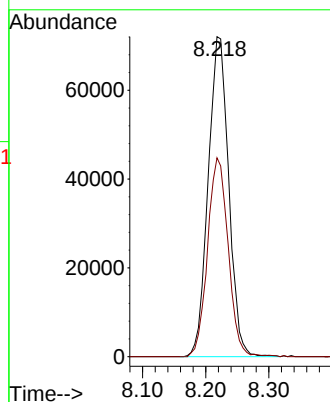
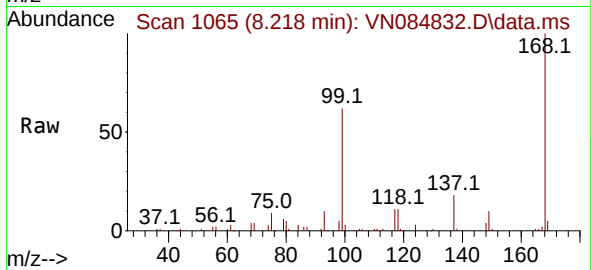




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.006 min
Lab File: VN084832.D
Acq: 13 Nov 2024 17:35

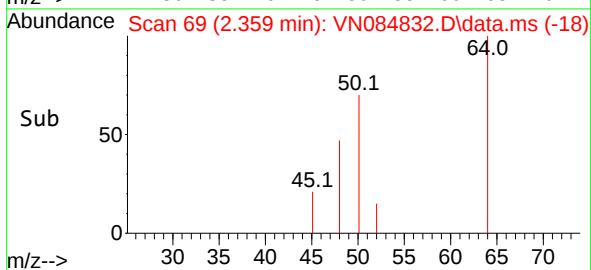
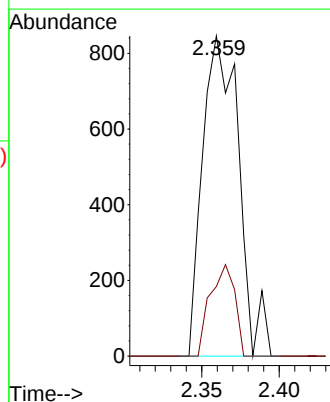
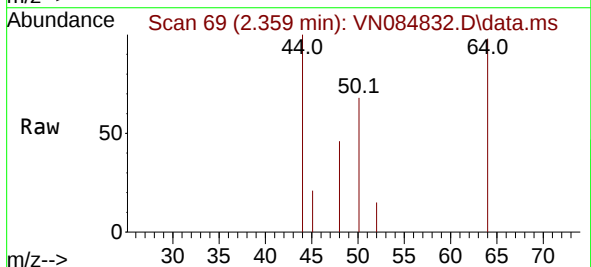
Instrument :
MSVOA_N
ClientSampleId :

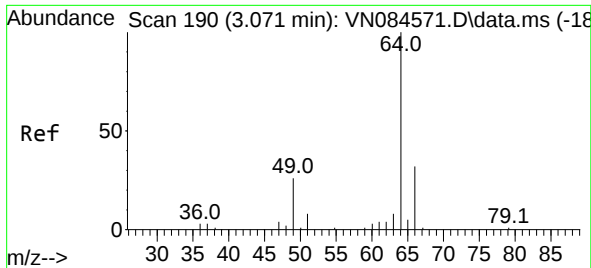
Tgt Ion:168 Resp: 162509
Ion Ratio Lower Upper
168 100
99 62.2 54.2 81.2



#3
Chloromethane
Concen: Below Cal
RT: 2.359 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN084832.D
Acq: 13 Nov 2024 17:35

Tgt Ion: 50 Resp: 1369
Ion Ratio Lower Upper
50 100
52 21.7 26.8 40.2#

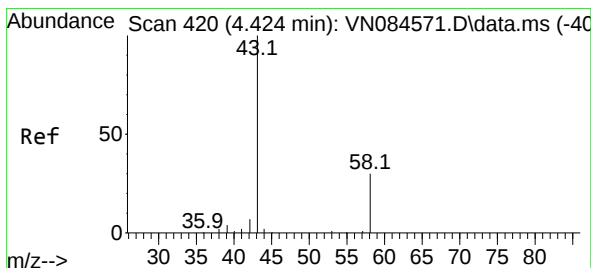
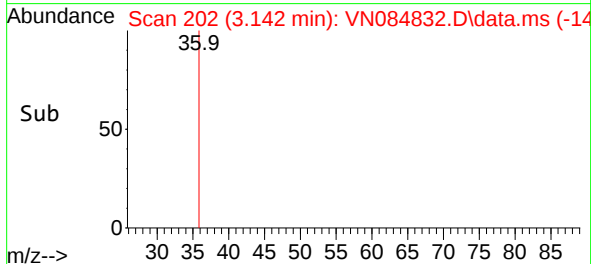
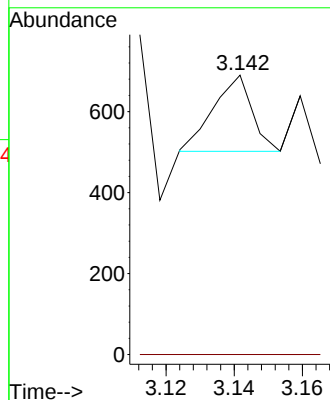
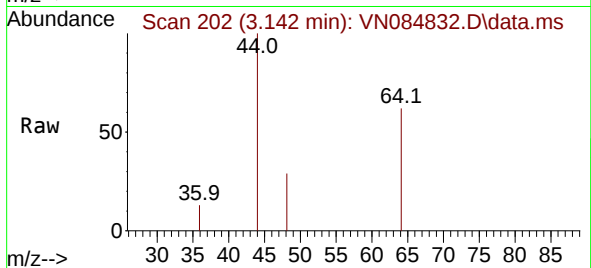




#6
Chloroethane
Concen: Below Cal
RT: 3.142 min Scan# 20
Delta R.T. 0.024 min
Lab File: VN084832.D
Acq: 13 Nov 2024 17:35

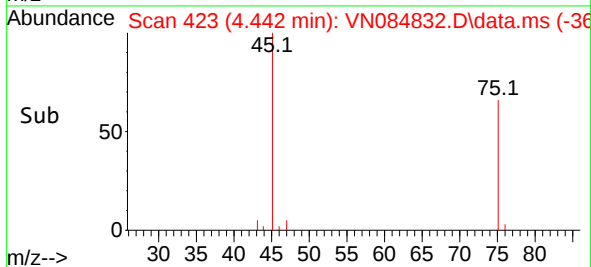
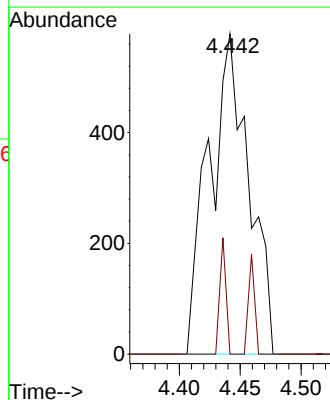
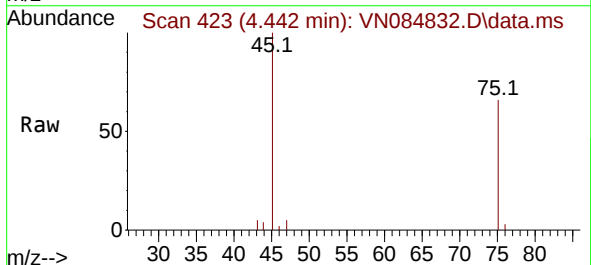
Instrument :
MSVOA_N
ClientSampleId :

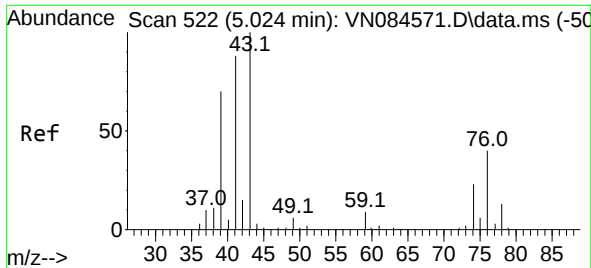
Tgt Ion: 64 Resp: 148
Ion Ratio Lower Upper
64 100
66 0.0 23.5 35.3#



#16
Acetone
Concen: Below Cal
RT: 4.442 min Scan# 423
Delta R.T. 0.018 min
Lab File: VN084832.D
Acq: 13 Nov 2024 17:35

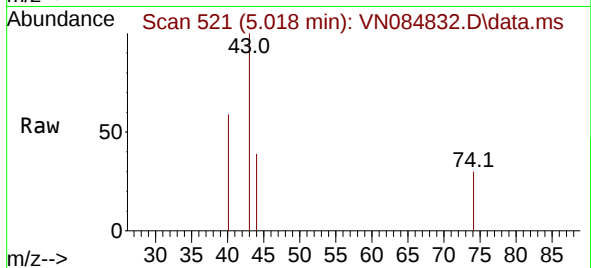
Tgt Ion: 43 Resp: 1317
Ion Ratio Lower Upper
43 100
58 0.0 24.4 36.6#



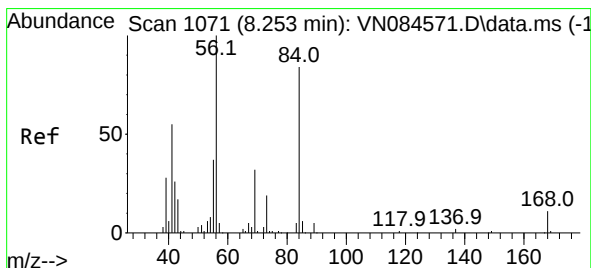
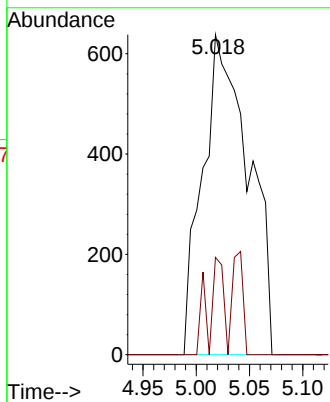
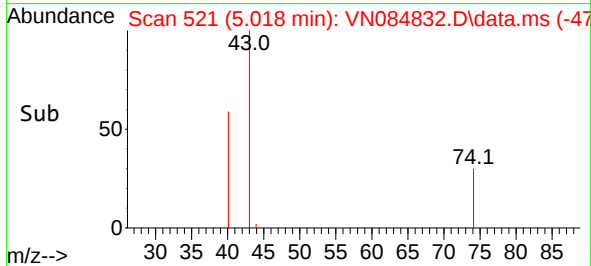


#18
Methyl Acetate
Concen: Below Cal
RT: 5.018 min Scan# 51
Delta R.T. 0.000 min
Lab File: VN084832.D
Acq: 13 Nov 2024 17:35

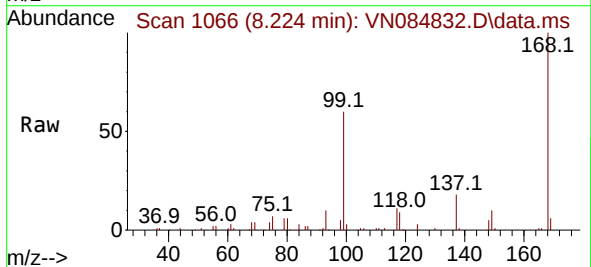
Instrument :
MSVOA_N
ClientSampleId :



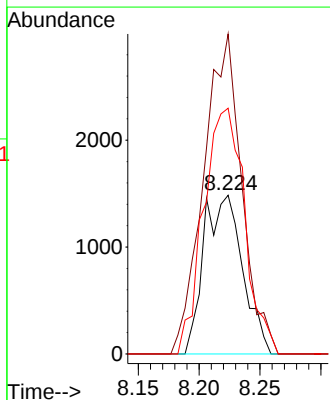
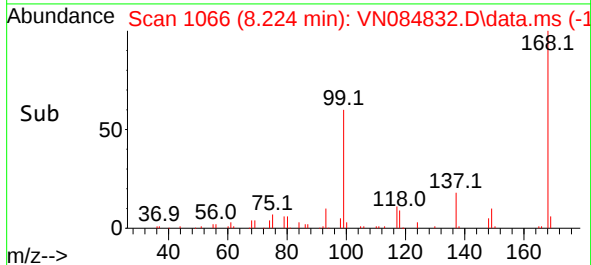
Tgt Ion: 43 Resp: 1921
Ion Ratio Lower Upper
43 100
74 9.9 19.2 28.8#

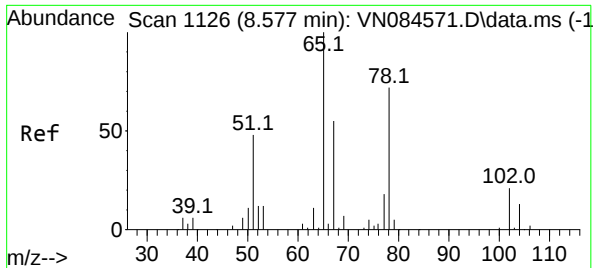


#31
Cyclohexane
Concen: 1.015 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.029 min
Lab File: VN084832.D
Acq: 13 Nov 2024 17:35



Tgt Ion: 56 Resp: 3288
Ion Ratio Lower Upper
56 100
69 201.6 23.8 35.6#
84 154.9 68.8 103.2#

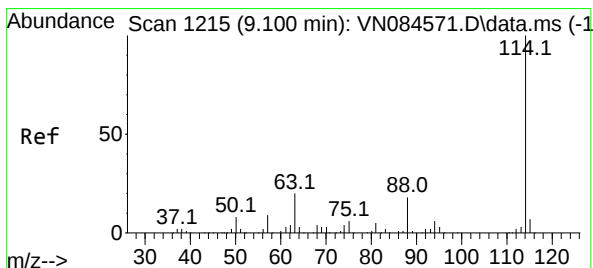
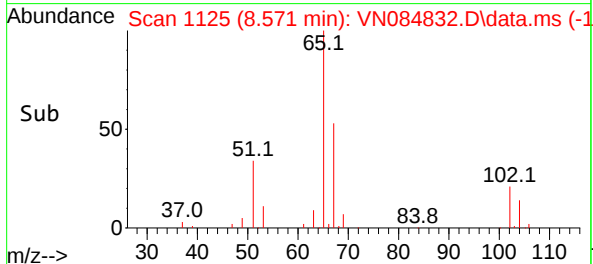
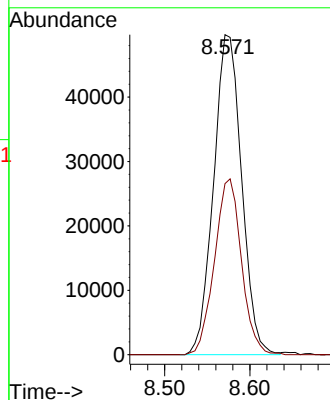
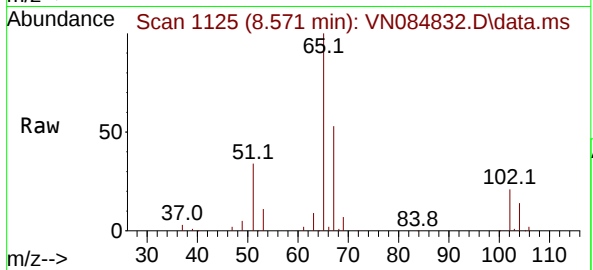




#33
 1,2-Dichloroethane-d4
 Concen: 48.343 ug/l
 RT: 8.571 min Scan# 1126
 Delta R.T. -0.006 min
 Lab File: VN084832.D
 Acq: 13 Nov 2024 17:35

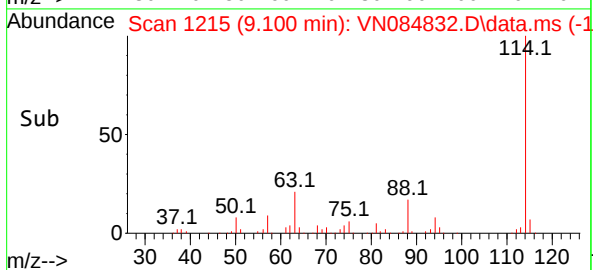
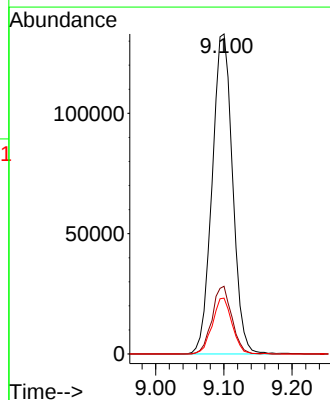
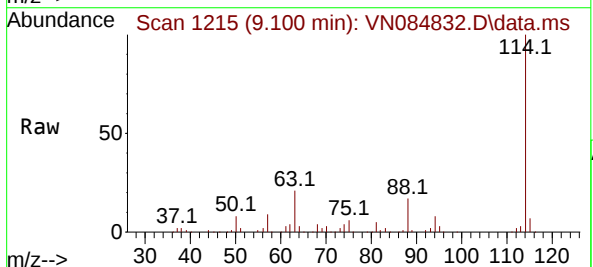
Instrument :
 MSVOA_N
 ClientSampleId :

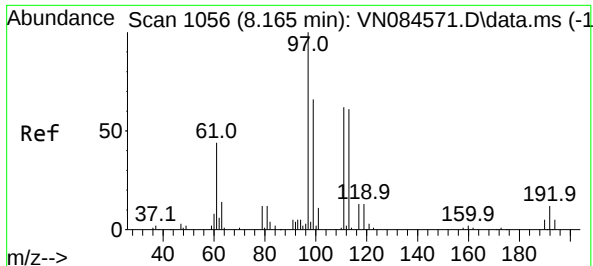
Tgt Ion: 65 Resp: 113469
 Ion Ratio Lower Upper
 65 100
 67 52.9 0.0 102.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.100 min Scan# 1215
 Delta R.T. 0.000 min
 Lab File: VN084832.D
 Acq: 13 Nov 2024 17:35

Tgt Ion: 114 Resp: 277494
 Ion Ratio Lower Upper
 114 100
 63 21.1 0.0 43.8
 88 17.4 0.0 31.6





#35

Dibromofluoromethane

Concen: 49.817 ug/l

RT: 8.159 min Scan# 1055

Delta R.T. -0.006 min

Lab File: VN084832.D

Acq: 13 Nov 2024 17:35

Instrument :

MSVOA_N

ClientSampleId :

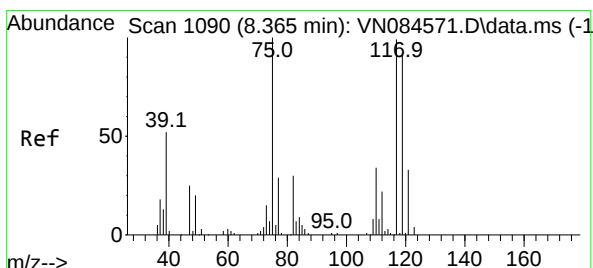
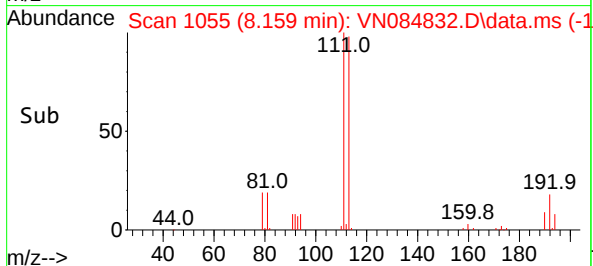
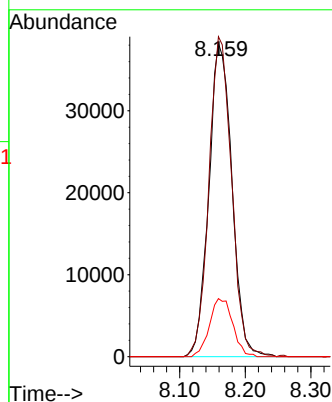
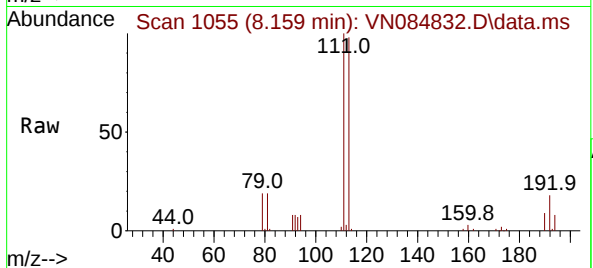
Tgt Ion:113 Resp: 93572

Ion Ratio Lower Upper

113 100

111 99.8 83.3 124.9

192 18.6 13.5 20.3



#36

1,1-Dichloropropene

Concen: 4.951 ug/l

RT: 8.218 min Scan# 1065

Delta R.T. -0.153 min

Lab File: VN084832.D

Acq: 13 Nov 2024 17:35

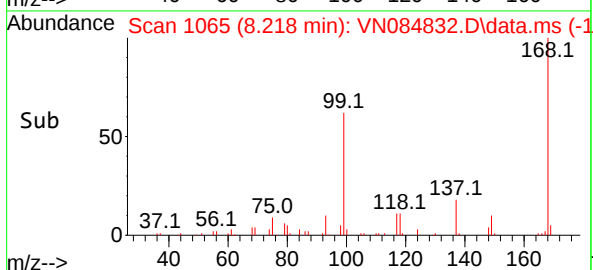
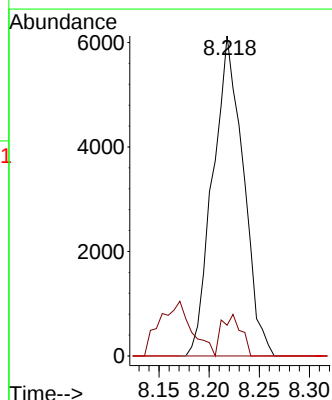
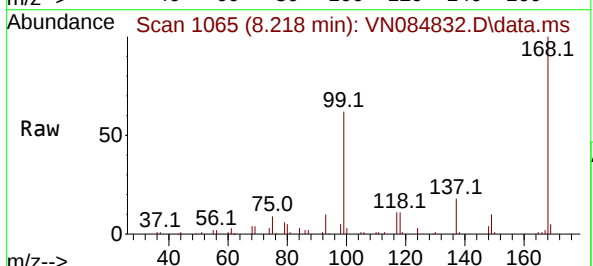
Tgt Ion: 75 Resp: 12896

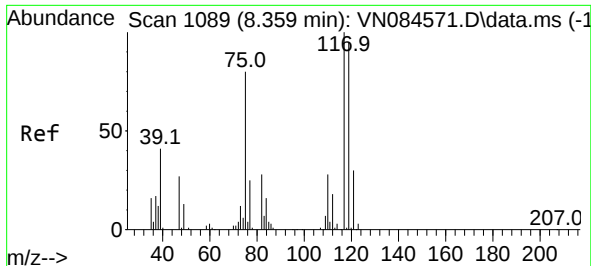
Ion Ratio Lower Upper

75 100

110 8.3 16.9 50.7#

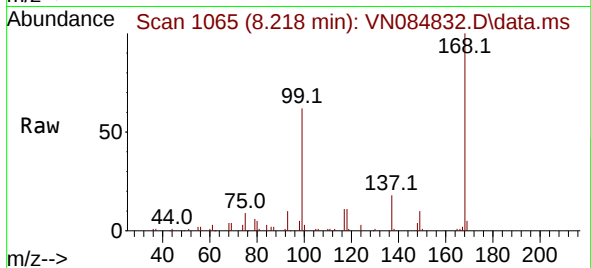
77 0.0 24.7 37.1#



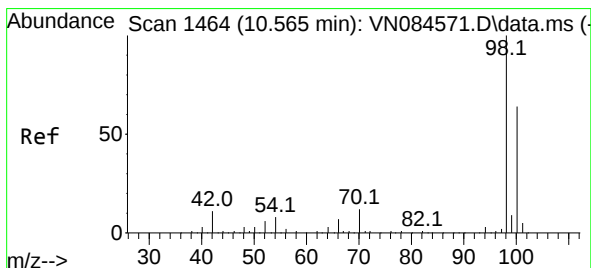
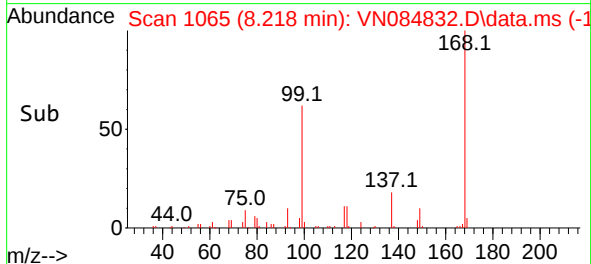
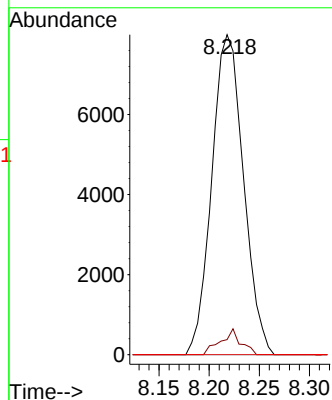


#38
Carbon Tetrachloride
Concen: 6.035 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.141 min
Lab File: VN084832.D
Acq: 13 Nov 2024 17:35

Instrument :
MSVOA_N
ClientSampleId :

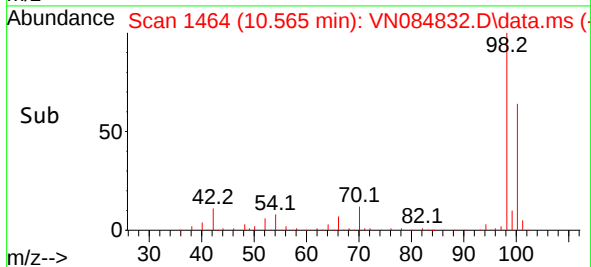
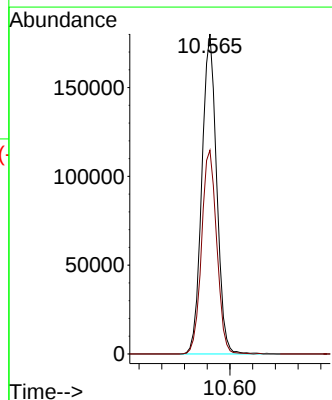
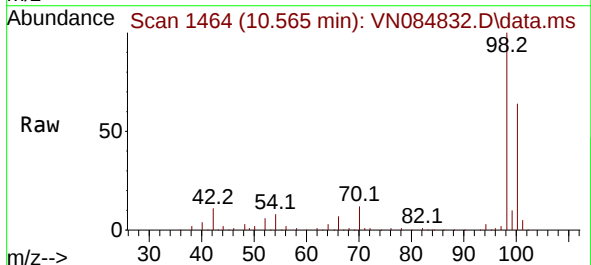


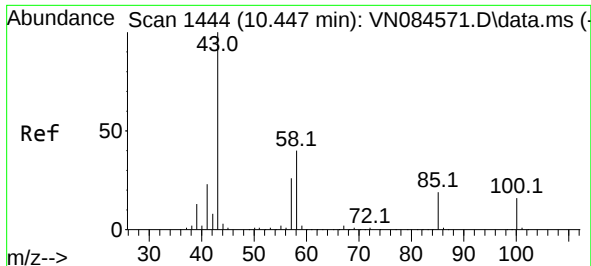
Tgt Ion:117 Resp: 17571
Ion Ratio Lower Upper
117 100
119 4.7 78.7 118.1#
121 0.0 24.4 36.6#



#50
Toluene-d8
Concen: 47.077 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN084832.D
Acq: 13 Nov 2024 17:35

Tgt Ion: 98 Resp: 325730
Ion Ratio Lower Upper
98 100
100 65.0 52.7 79.1





#51

4-Methyl-2-Pentanone

Concen: 0.560 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. 0.124 min

Lab File: VN084832.D

Acq: 13 Nov 2024 17:35

Instrument :

MSVOA_N

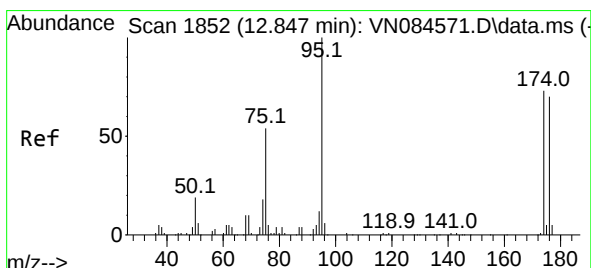
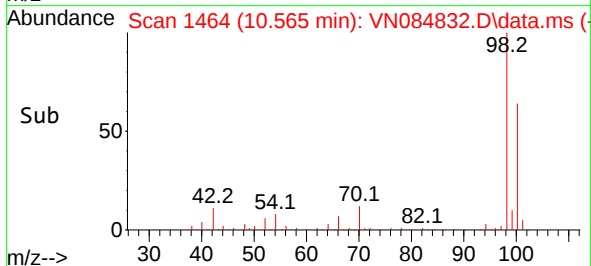
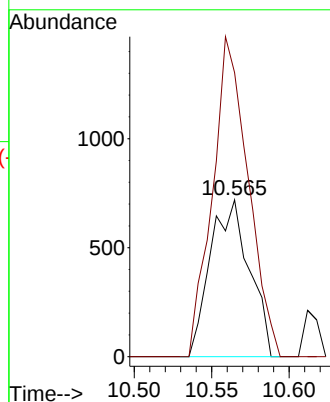
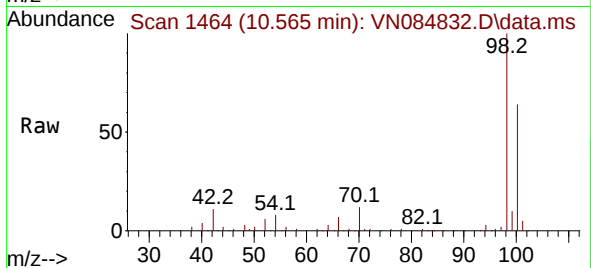
ClientSampleId :

Tgt Ion: 43 Resp: 1261

Ion Ratio Lower Upper

43 100

58 186.3 31.6 47.4#



#62

4-Bromofluorobenzene

Concen: 45.974 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. 0.000 min

Lab File: VN084832.D

Acq: 13 Nov 2024 17:35

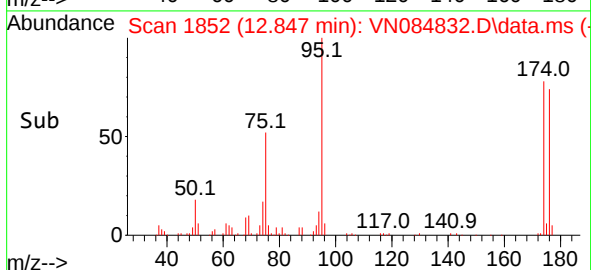
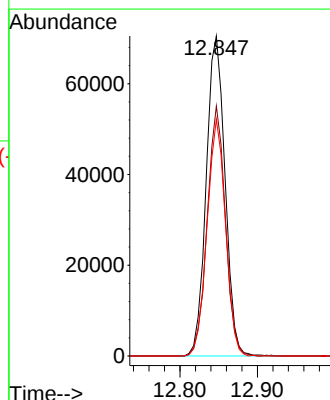
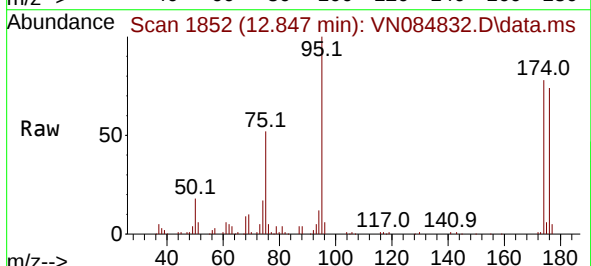
Tgt Ion: 95 Resp: 118884

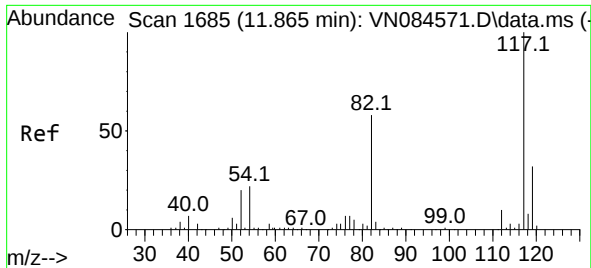
Ion Ratio Lower Upper

95 100

174 75.3 0.0 145.2

176 72.3 0.0 140.0

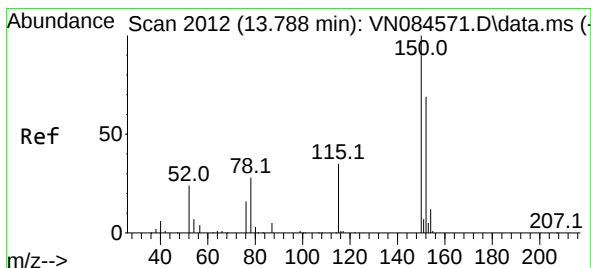
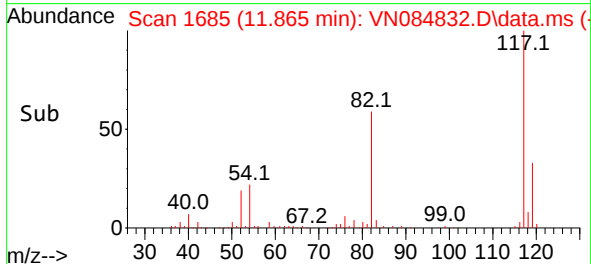
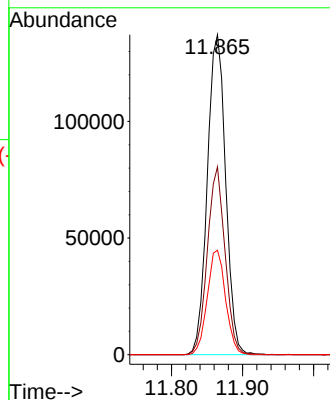
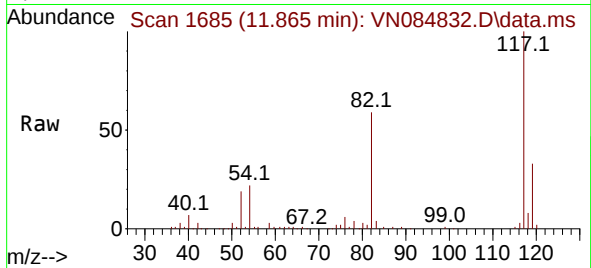




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN084832.D
Acq: 13 Nov 2024 17:35

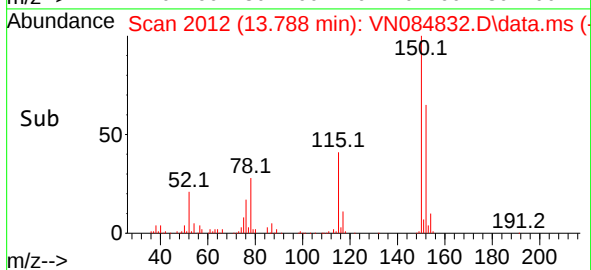
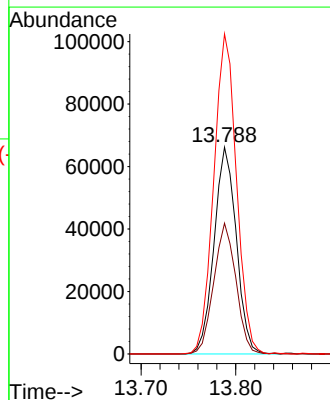
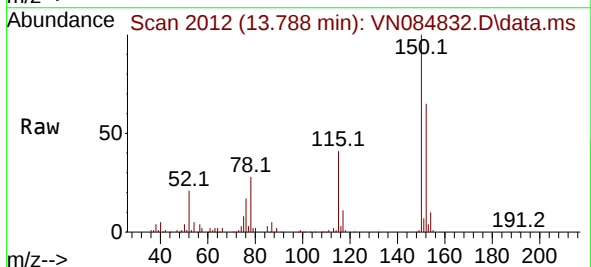
Instrument :
MSVOA_N
ClientSampleId :

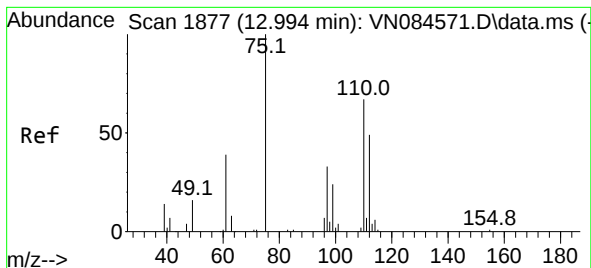
Tgt Ion:117 Resp: 246107
Ion Ratio Lower Upper
117 100
82 58.7 47.2 70.8
119 32.7 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. 0.000 min
Lab File: VN084832.D
Acq: 13 Nov 2024 17:35

Tgt Ion:152 Resp: 108148
Ion Ratio Lower Upper
152 100
115 63.0 31.3 93.9
150 158.1 0.0 349.8





#76

1,2,3-Trichloropropane

Concen: 28.486 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. -0.141 min

Lab File: VN084832.D

Acq: 13 Nov 2024 17:35

Instrument :

MSVOA_N

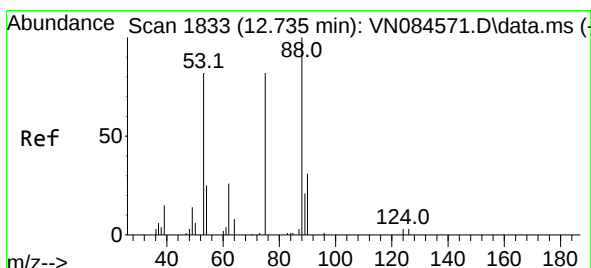
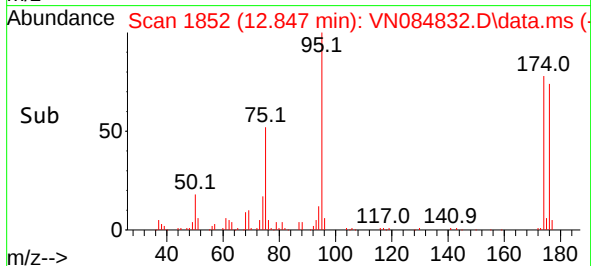
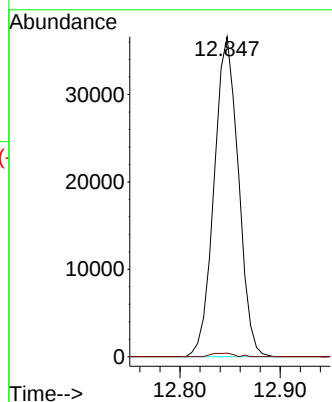
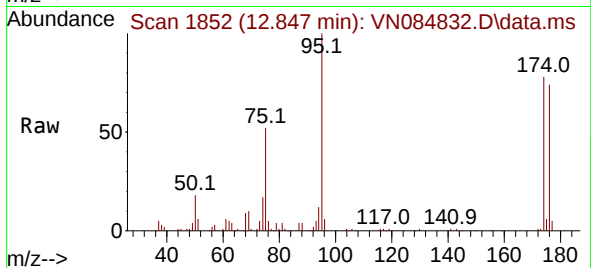
ClientSampleId :

Tgt Ion: 75 Resp: 61582

Ion Ratio Lower Upper

75 100

77 1.0 96.9 290.7#



#81

trans-1,4-Dichloro-2-butene

Concen: 67.580 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. 0.112 min

Lab File: VN084832.D

Acq: 13 Nov 2024 17:35

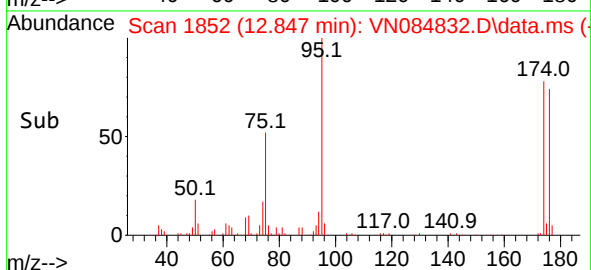
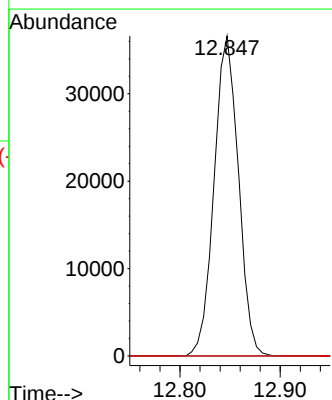
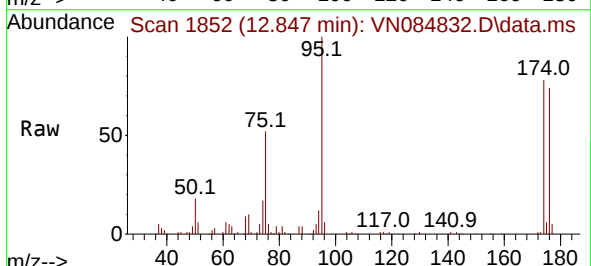
Tgt Ion: 75 Resp: 61582

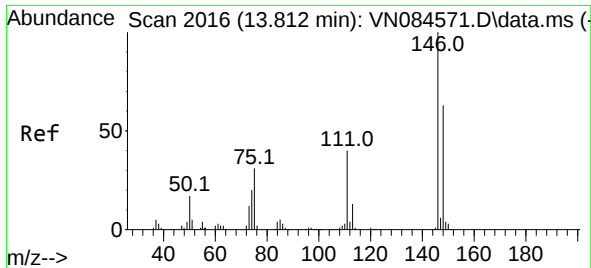
Ion Ratio Lower Upper

75 100

53 0.0 78.0 117.0#

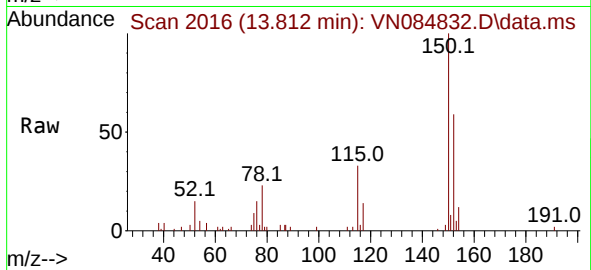
89 0.0 35.5 53.3#





#88
 1,4-Dichlorobenzene
 Concen: Below Cal
 RT: 13.812 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VN084832.D
 Acq: 13 Nov 2024 17:35

Instrument :
 MSVOA_N
 ClientSampleId :



Tgt Ion:146 Resp: 54
 Ion Ratio Lower Upper
 146 100
 111 0.0 21.2 63.6#
 148 103.7 31.9 95.9#

