

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111724\
 Data File : VN084891.D
 Acq On : 17 Nov 2024 13:36
 Operator : JC\MD
 Sample : P4845-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Nov 18 00:19:39 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)

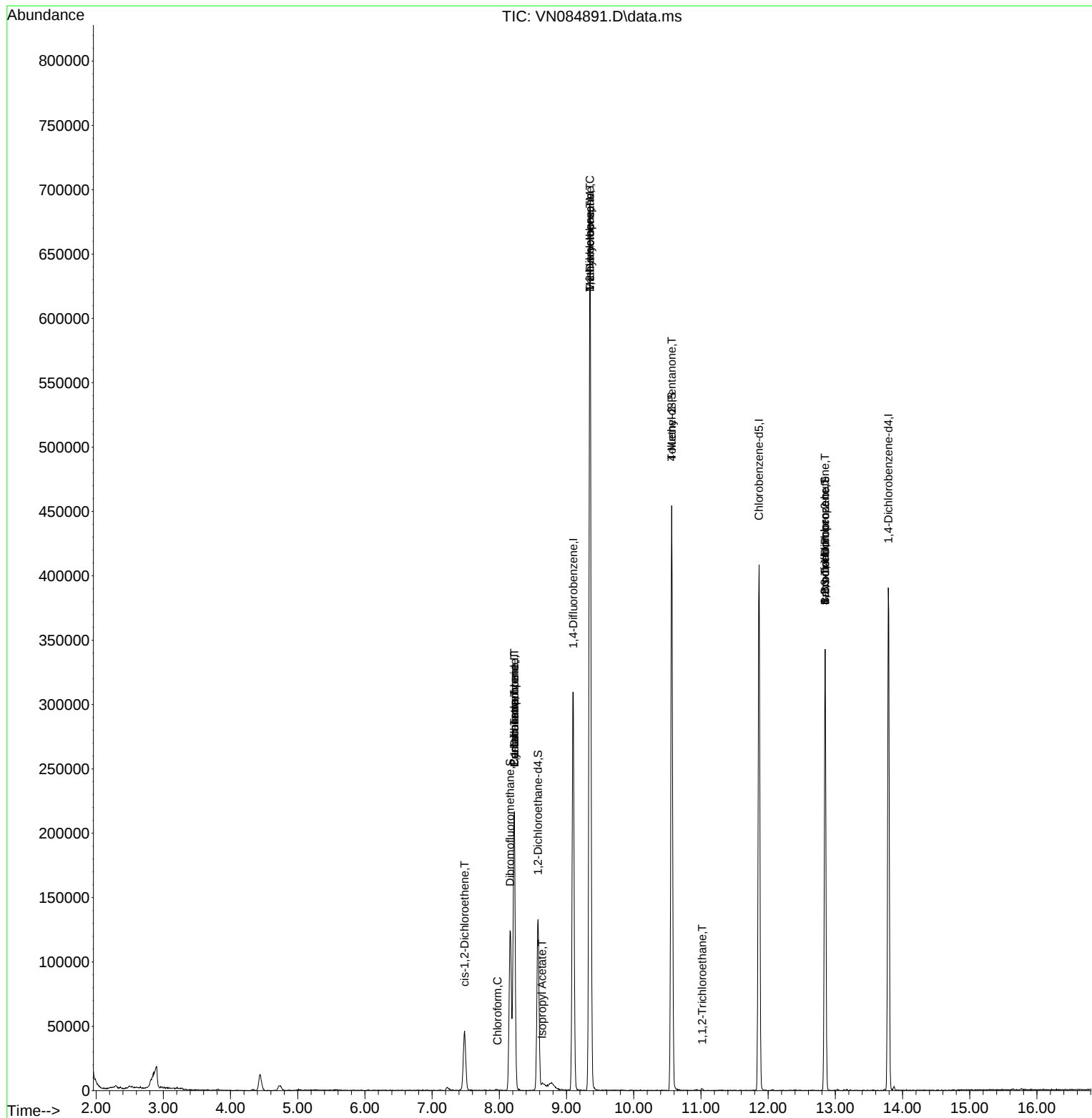
Internal Standards						
1) Pentafluorobenzene	8.224	168	155365	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	269150	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	235219	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	105367	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	113500	50.579	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	= 101.160%		
35) Dibromofluoromethane	8.159	113	91208	50.064	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 100.120%		
50) Toluene-d8	10.565	98	309204	46.074	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	= 92.140%		
62) 4-Bromofluorobenzene	12.847	95	117844	46.985	ug/l	0.00
Spiked Amount	50.000	Range 77 - 121	Recovery	= 93.960%		
Target Compounds						
						Qvalue
3) Chloromethane	2.371	50	723	Below Cal	#	41
6) Chloroethane	3.112	64	282	Below Cal	#	45
16) Acetone	4.442	43	1587	Below Cal		95
18) Methyl Acetate	5.012	43	1046	Below Cal	#	51
27) cis-1,2-Dichloroethene	7.483	96	27447	12.939	ug/l	88
30) Chloroform	7.971	83	740	0.212	ug/l	93
31) Cyclohexane	8.224	56	3430	1.107	ug/l #	1
36) 1,1-Dichloropropene	8.224	75	12859	5.089	ug/l #	49
38) Carbon Tetrachloride	8.224	117	16763	5.936	ug/l #	14
39) Methylcyclohexane	9.347	83	2937	1.143	ug/l #	1
43) Isopropyl Acetate	8.636	43	5254	0.281	ug/l #	56
44) Trichloroethene	9.347	130	246388	131.664	ug/l	96
45) 1,2-Dichloropropane	9.347	63	750	0.394	ug/l #	1
51) 4-Methyl-2-Pentanone	10.565	43	1350	0.618	ug/l #	1
55) 1,1,2-Trichloroethane	11.018	97	646	0.361	ug/l #	57
71) Bromoform	12.847	173	645	0.468	ug/l #	1
76) 1,2,3-Trichloropropane	12.847	75	60872	28.901	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	60872	68.564	ug/l #	11
88) 1,4-Dichlorobenzene	13.806	146	526	Below Cal	#	1

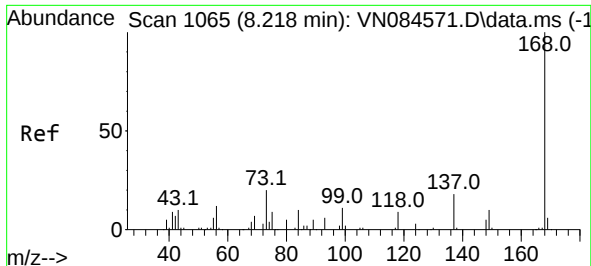
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Nov 18 00:19:39 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

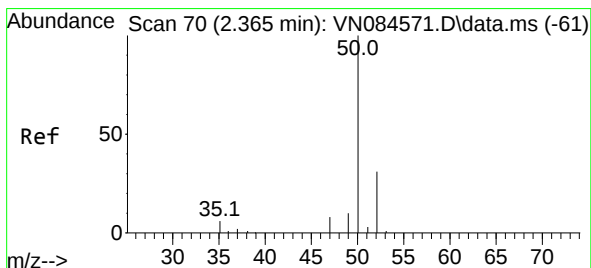
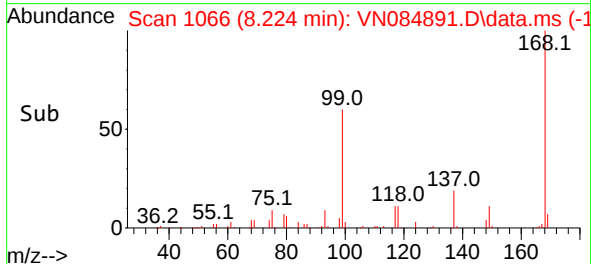
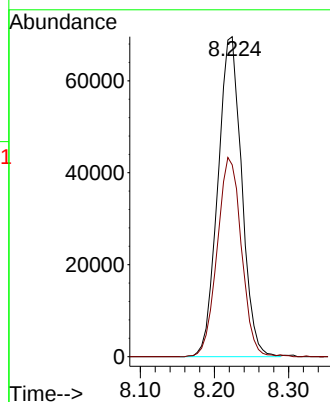
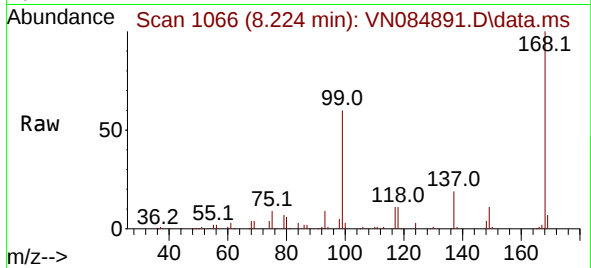




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 10
Delta R.T. -0.000 min
Lab File: VN084891.D
Acq: 17 Nov 2024 13:36

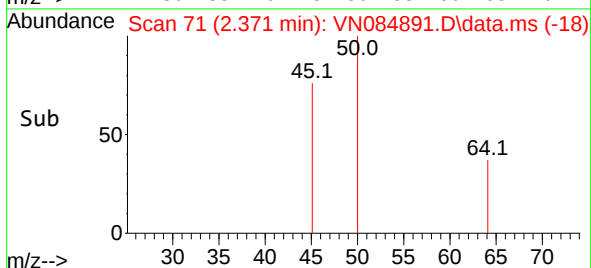
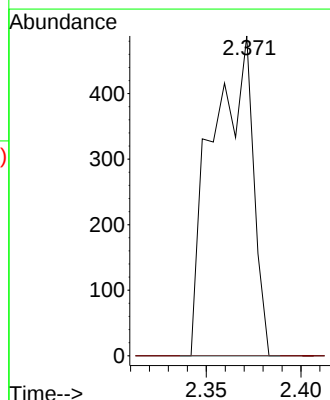
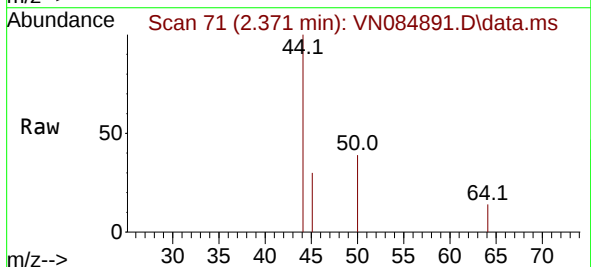
Instrument :
MSVOA_N
ClientSampleId :

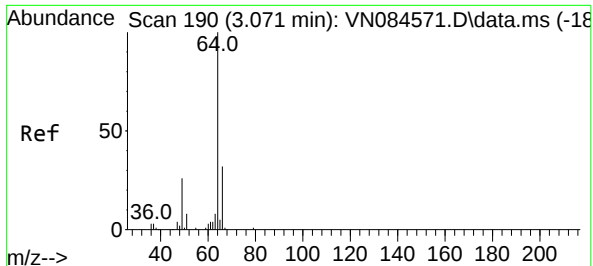
Tgt Ion:168 Resp: 155365
Ion Ratio Lower Upper
168 100
99 59.9 54.2 81.2



#3
Chloromethane
Concen: Below Cal
RT: 2.371 min Scan# 71
Delta R.T. 0.012 min
Lab File: VN084891.D
Acq: 17 Nov 2024 13:36

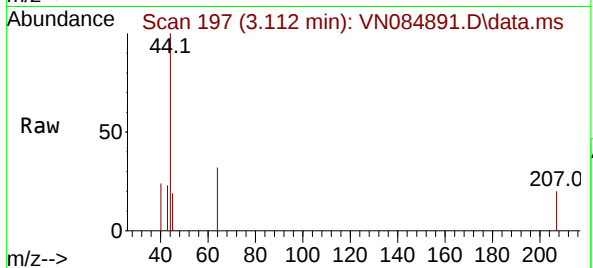
Tgt Ion: 50 Resp: 723
Ion Ratio Lower Upper
50 100
52 0.0 26.8 40.2#



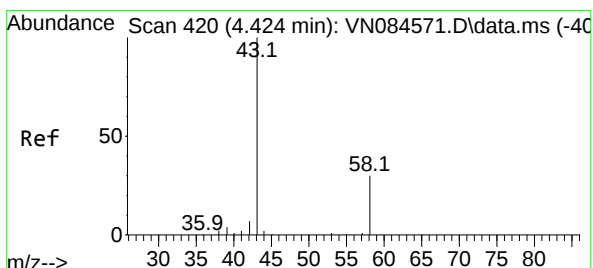
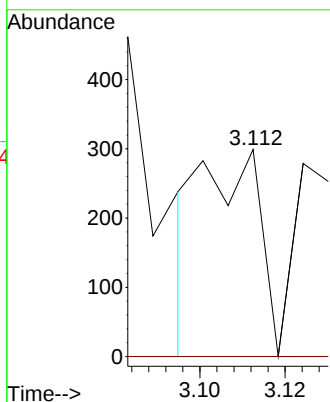
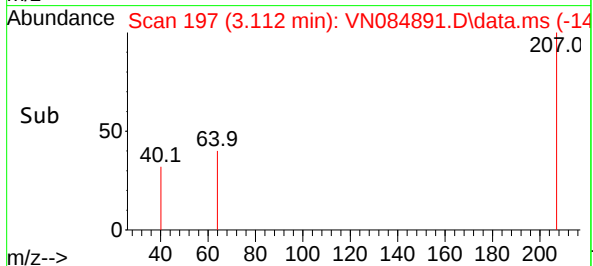


#6
Chloroethane
Concen: Below Cal
RT: 3.112 min Scan# 190
Delta R.T. -0.006 min
Lab File: VN084891.D
Acq: 17 Nov 2024 13:36

Instrument :
MSVOA_N
ClientSampleId :

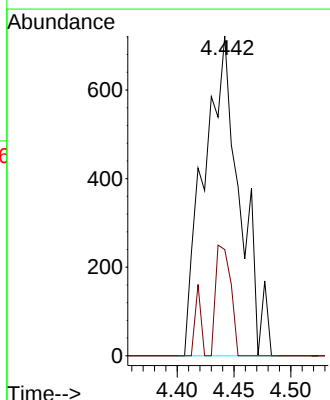
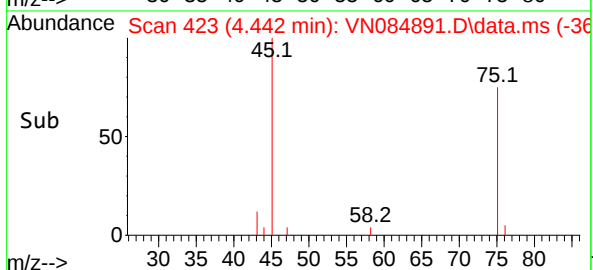
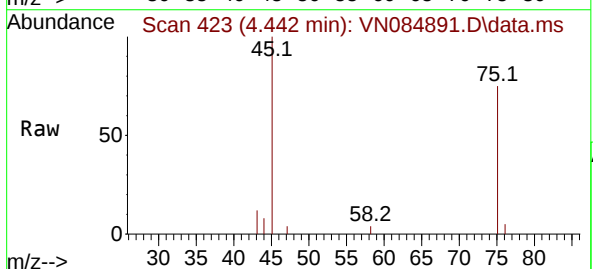


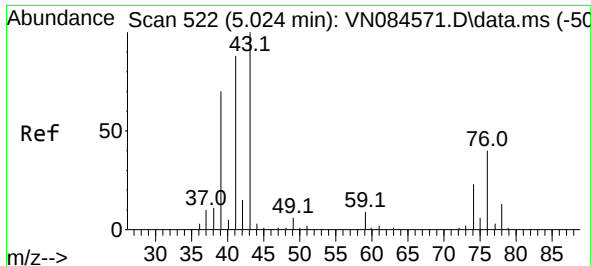
Tgt Ion: 64 Resp: 282
Ion Ratio Lower Upper
64 100
66 0.0 23.5 35.3#



#16
Acetone
Concen: Below Cal
RT: 4.442 min Scan# 423
Delta R.T. 0.018 min
Lab File: VN084891.D
Acq: 17 Nov 2024 13:36

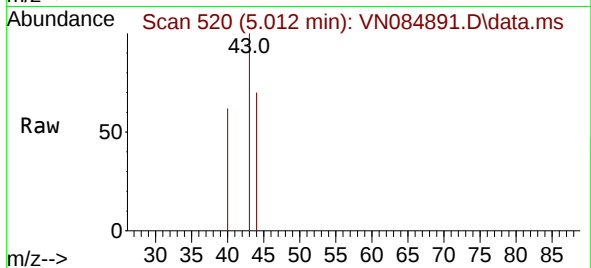
Tgt Ion: 43 Resp: 1587
Ion Ratio Lower Upper
43 100
58 33.2 24.4 36.6



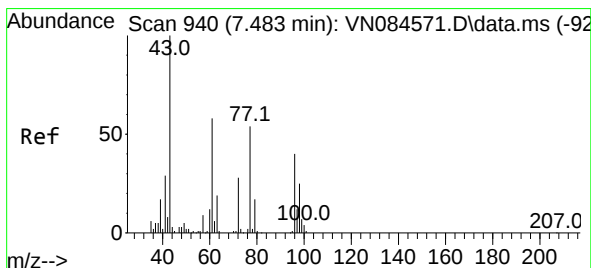
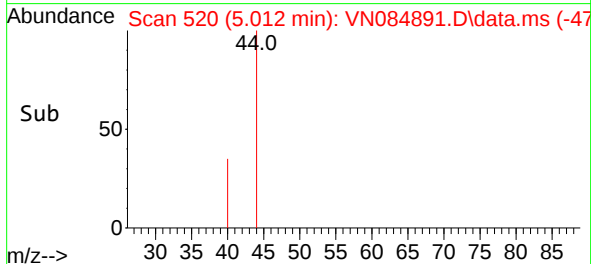
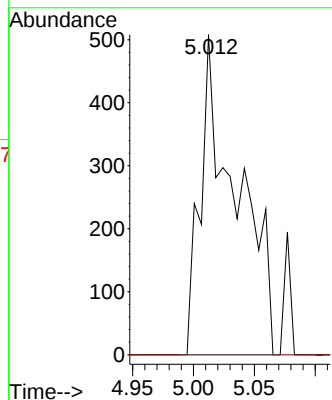


#18
Methyl Acetate
Concen: Below Cal
RT: 5.012 min Scan# 51
Delta R.T. -0.006 min
Lab File: VN084891.D
Acq: 17 Nov 2024 13:36

Instrument :
MSVOA_N
ClientSampleId :

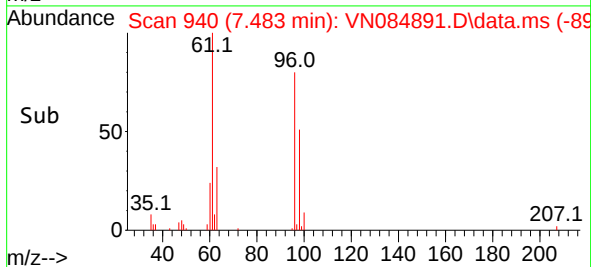
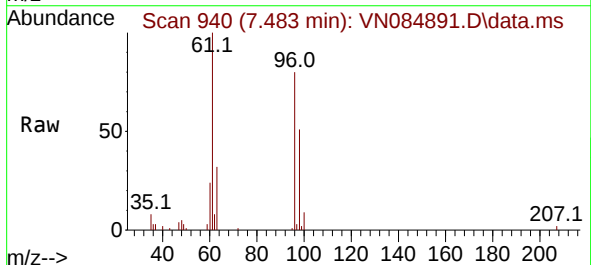
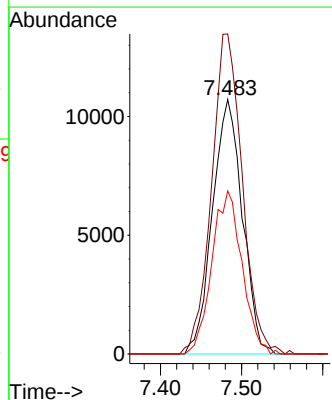


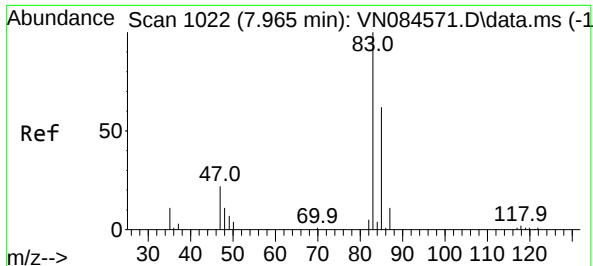
Tgt Ion: 43 Resp: 1046
Ion Ratio Lower Upper
43 100
74 0.0 19.2 28.8#



#27
cis-1,2-Dichloroethene
Concen: 12.939 ug/l
RT: 7.483 min Scan# 940
Delta R.T. -0.006 min
Lab File: VN084891.D
Acq: 17 Nov 2024 13:36

Tgt Ion: 96 Resp: 27447
Ion Ratio Lower Upper
96 100
61 129.1 0.0 301.8
98 64.5 0.0 128.2





#30

Chloroform

Concen: 0.212 ug/l

RT: 7.971 min Scan# 1066

Delta R.T. 0.006 min

Lab File: VN084891.D

Acq: 17 Nov 2024 13:36

Instrument :

MSVOA_N

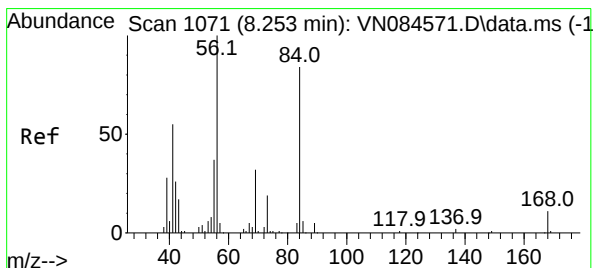
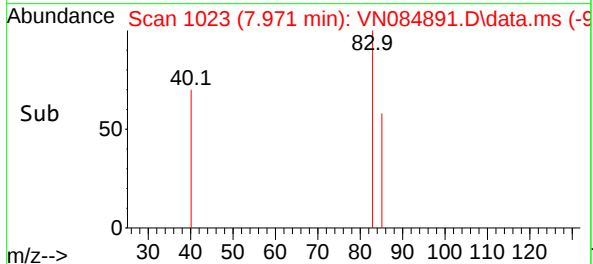
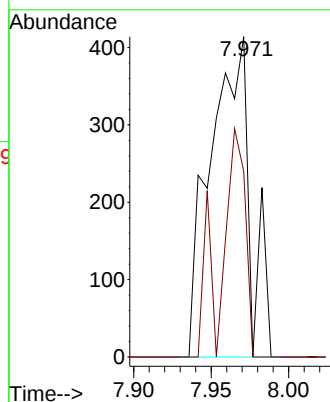
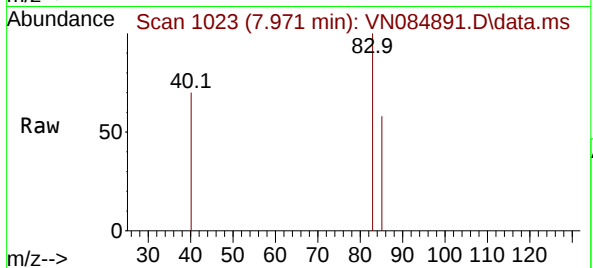
ClientSampleId :

Tgt Ion: 83 Resp: 740

Ion Ratio Lower Upper

83 100

85 58.0 51.0 76.4



#31

Cyclohexane

Concen: 1.107 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.029 min

Lab File: VN084891.D

Acq: 17 Nov 2024 13:36

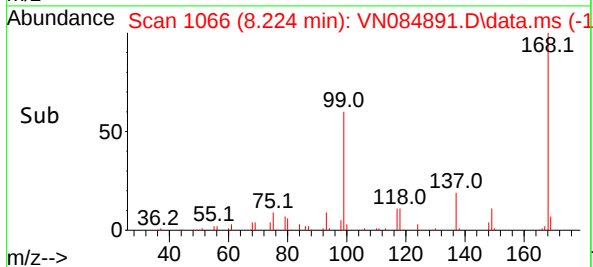
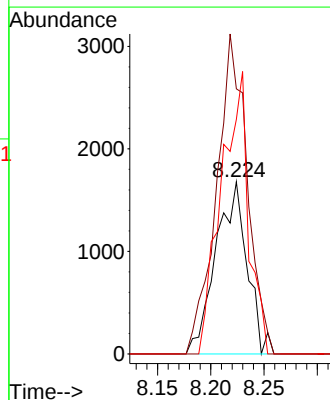
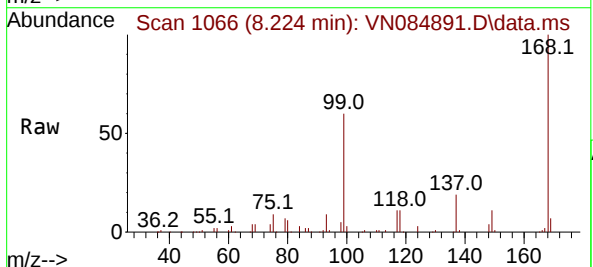
Tgt Ion: 56 Resp: 3430

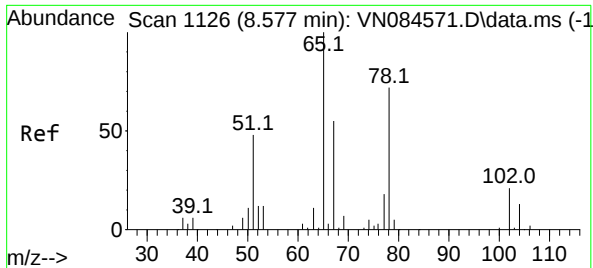
Ion Ratio Lower Upper

56 100

69 154.0 23.8 35.6#

84 136.2 68.8 103.2#





#33

1,2-Dichloroethane-d4

Concen: 50.579 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VN084891.D

Acq: 17 Nov 2024 13:36

Instrument :

MSVOA_N

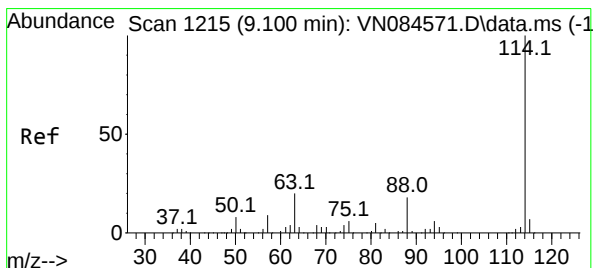
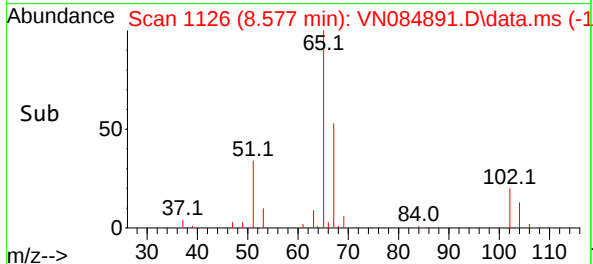
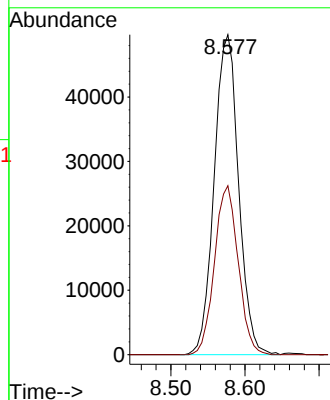
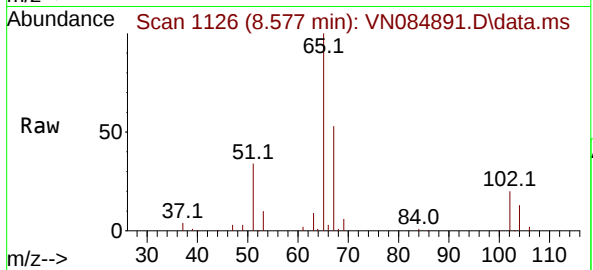
ClientSampleId :

Tgt Ion: 65 Resp: 113500

Ion Ratio Lower Upper

65 100

67 51.4 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: VN084891.D

Acq: 17 Nov 2024 13:36

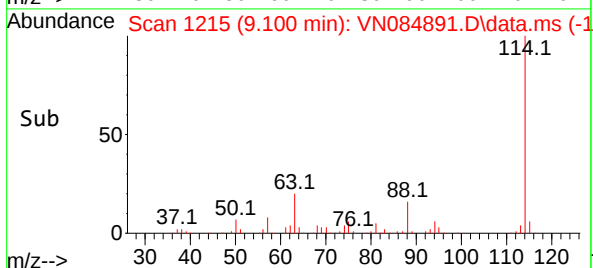
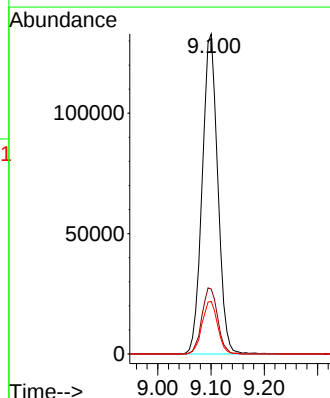
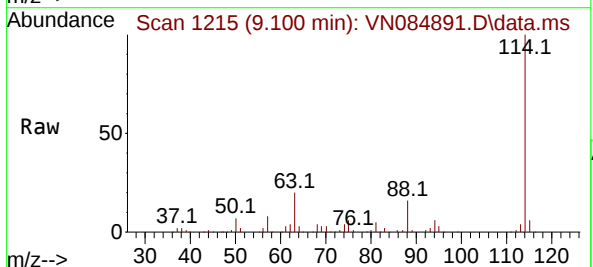
Tgt Ion: 114 Resp: 269150

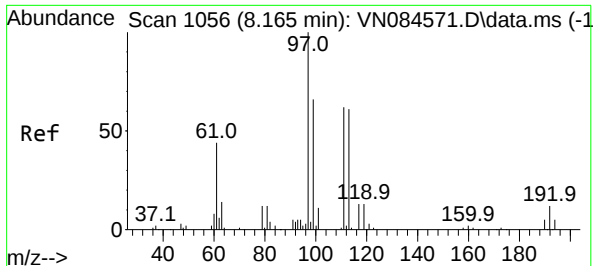
Ion Ratio Lower Upper

114 100

63 20.3 0.0 43.8

88 16.4 0.0 31.6





#35

Dibromofluoromethane

Concen: 50.064 ug/l

RT: 8.159 min Scan# 1055

Delta R.T. -0.006 min

Lab File: VN084891.D

Acq: 17 Nov 2024 13:36

Instrument :

MSVOA_N

ClientSampleId :

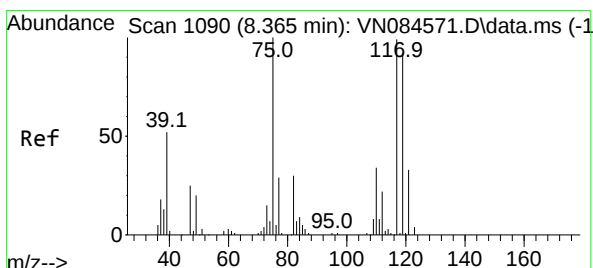
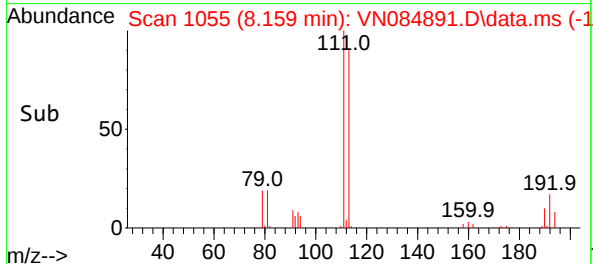
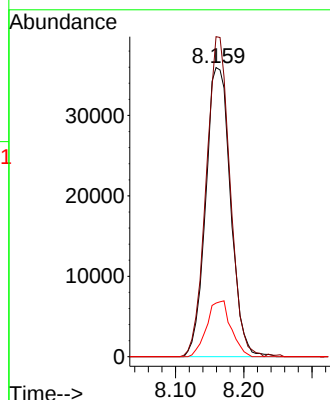
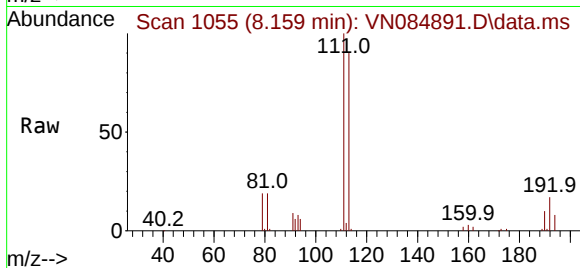
Tgt Ion:113 Resp: 91208

Ion Ratio Lower Upper

113 100

111 106.0 83.3 124.9

192 18.8 13.5 20.3



#36

1,1-Dichloropropene

Concen: 5.089 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.147 min

Lab File: VN084891.D

Acq: 17 Nov 2024 13:36

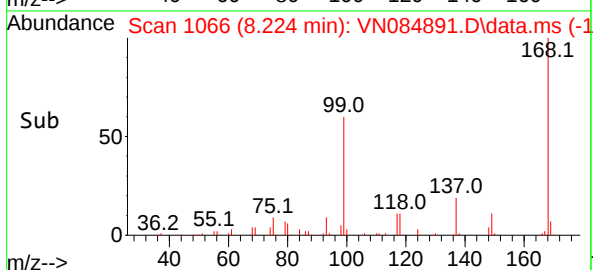
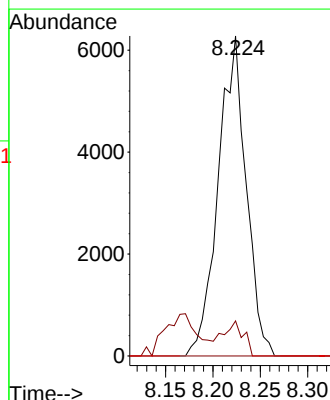
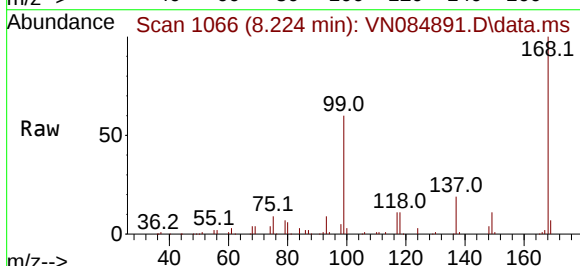
Tgt Ion: 75 Resp: 12859

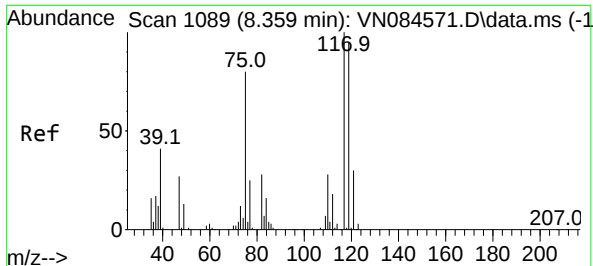
Ion Ratio Lower Upper

75 100

110 8.0 16.9 50.7#

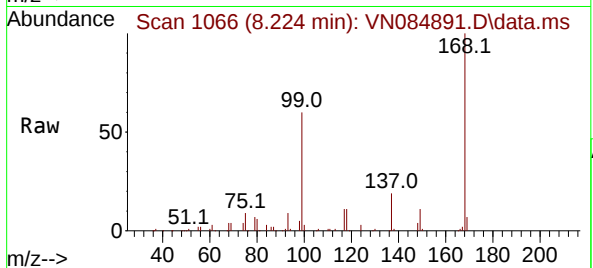
77 0.0 24.7 37.1#



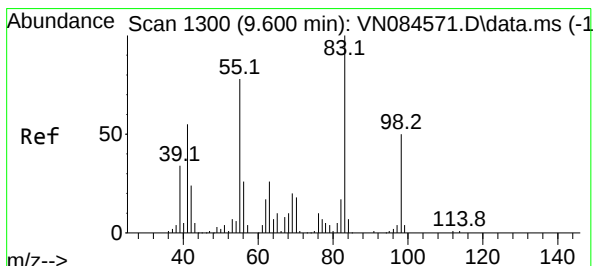
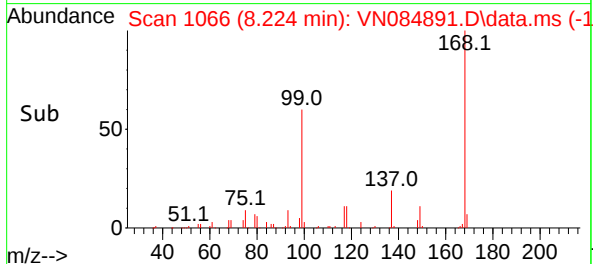
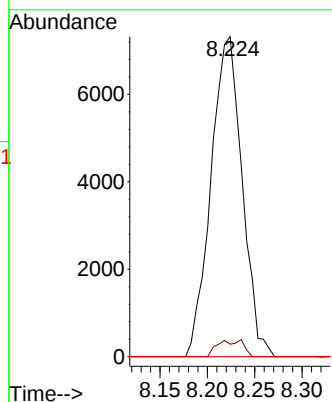


#38
Carbon Tetrachloride
Concen: 5.936 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.135 min
Lab File: VN084891.D
Acq: 17 Nov 2024 13:36

Instrument :
MSVOA_N
ClientSampleId :

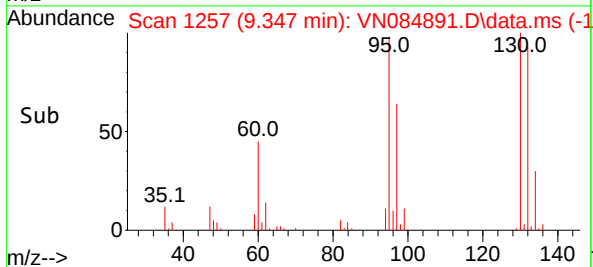
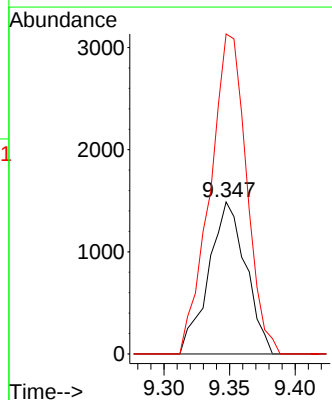
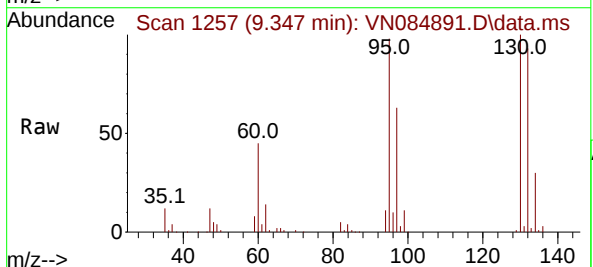


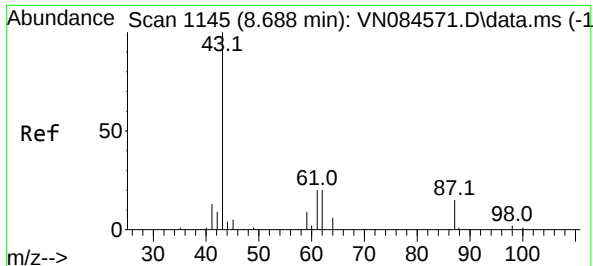
Tgt Ion:117 Resp: 16763
Ion Ratio Lower Upper
117 100
119 3.9 78.7 118.1#
121 0.0 24.4 36.6#



#39
Methylcyclohexane
Concen: 1.143 ug/l
RT: 9.347 min Scan# 1257
Delta R.T. -0.253 min
Lab File: VN084891.D
Acq: 17 Nov 2024 13:36

Tgt Ion: 83 Resp: 2937
Ion Ratio Lower Upper
83 100
55 0.0 62.8 94.2#
98 210.6 38.8 58.2#





#43

Isopropyl Acetate

Concen: 0.281 ug/l

RT: 8.636 min Scan# 1145

Delta R.T. -0.052 min

Lab File: VN084891.D

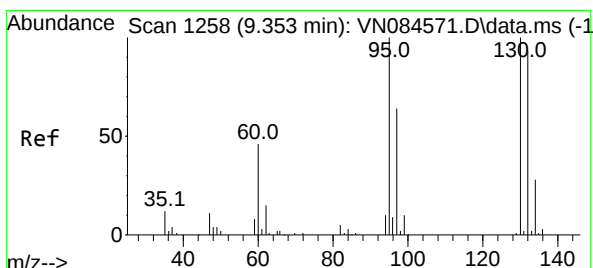
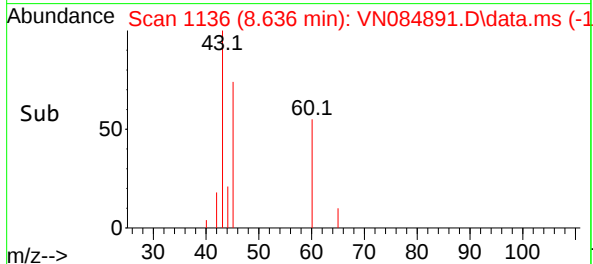
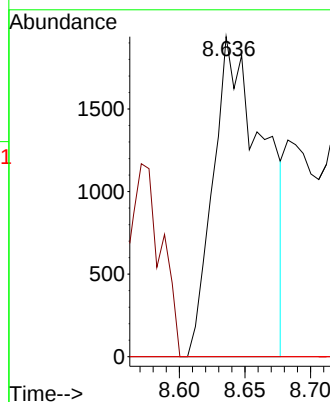
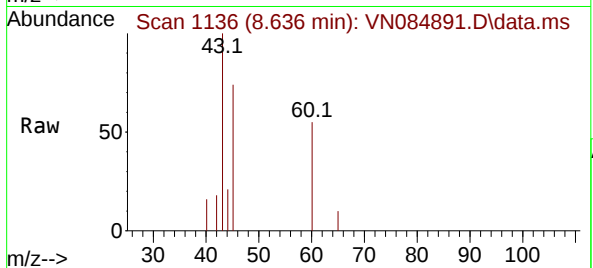
Acq: 17 Nov 2024 13:36

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion: 43	Resp:	5254
Ion Ratio	Lower	Upper
43	100	
61	0.0	20.4 30.6#
87	0.0	10.3 15.5#



#44

Trichloroethene

Concen: 131.664 ug/l

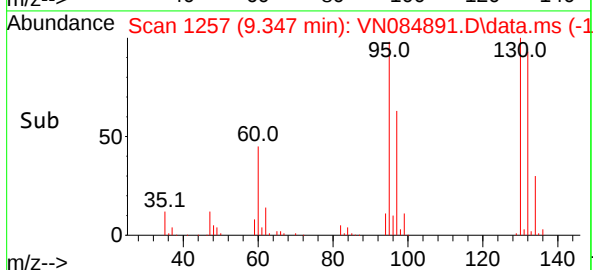
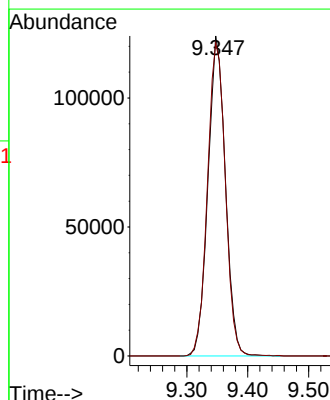
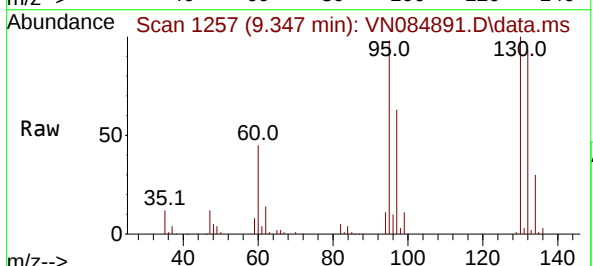
RT: 9.347 min Scan# 1257

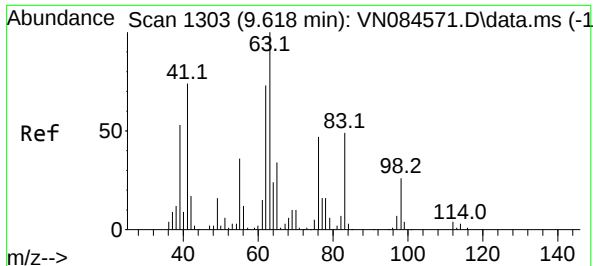
Delta R.T. 0.000 min

Lab File: VN084891.D

Acq: 17 Nov 2024 13:36

Tgt Ion: 130	Resp:	246388
Ion Ratio	Lower	Upper
130	100	
95	97.7	0.0 203.0





#45

1,2-Dichloropropane

Concen: 0.394 ug/l

RT: 9.347 min Scan# 11

Delta R.T. -0.271 min

Lab File: VN084891.D

Acq: 17 Nov 2024 13:36

Instrument :

MSVOA_N

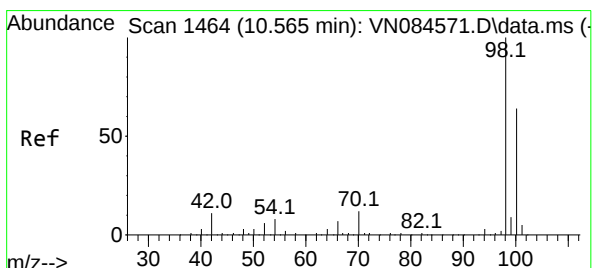
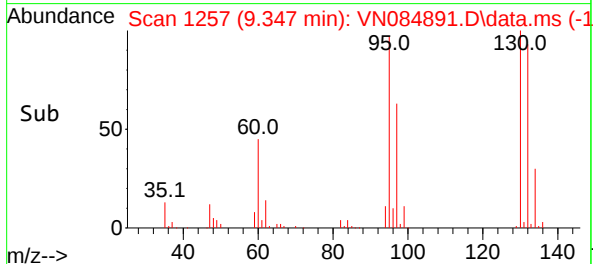
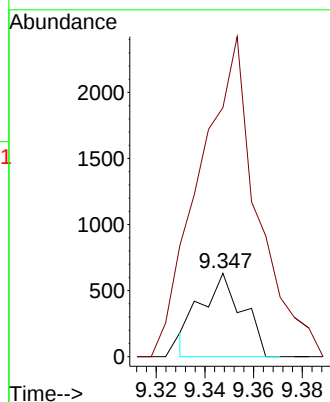
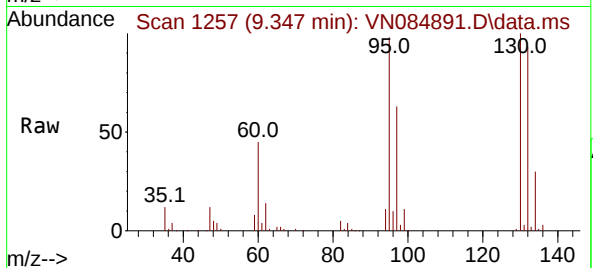
ClientSampleId :

Tgt Ion: 63 Resp: 750

Ion Ratio Lower Upper

63 100

65 227.6 24.6 37.0#



#50

Toluene-d8

Concen: 46.074 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. -0.000 min

Lab File: VN084891.D

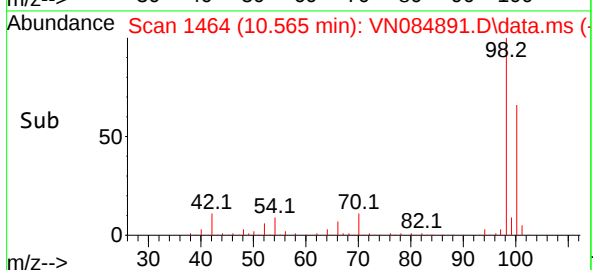
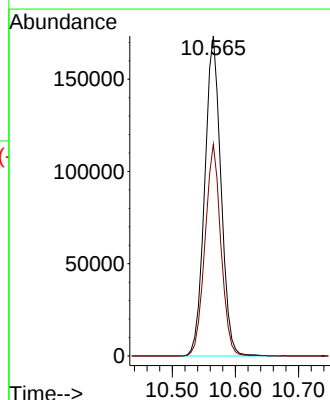
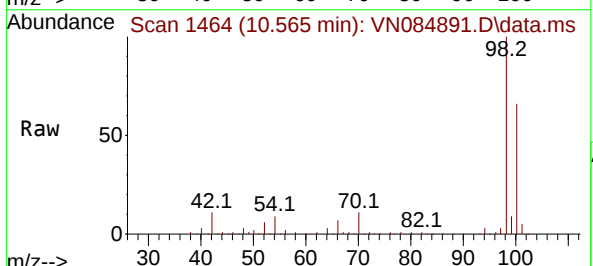
Acq: 17 Nov 2024 13:36

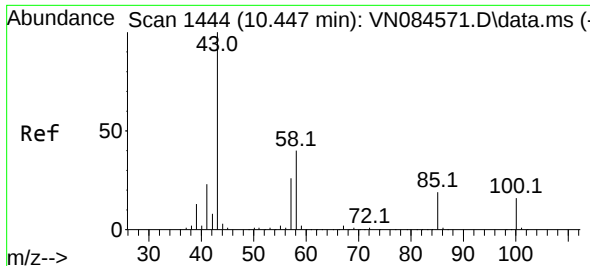
Tgt Ion: 98 Resp: 309204

Ion Ratio Lower Upper

98 100

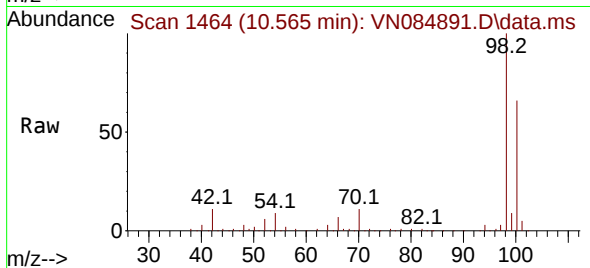
100 64.9 52.7 79.1



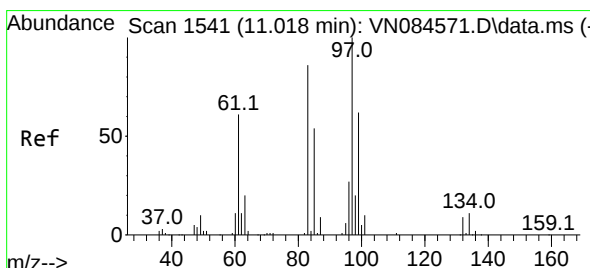
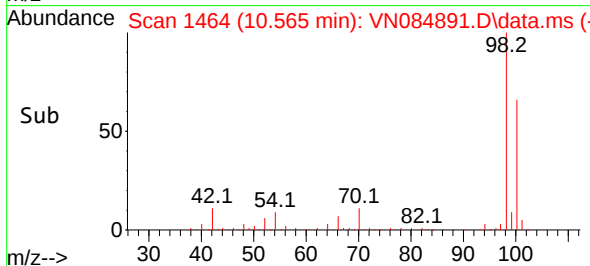
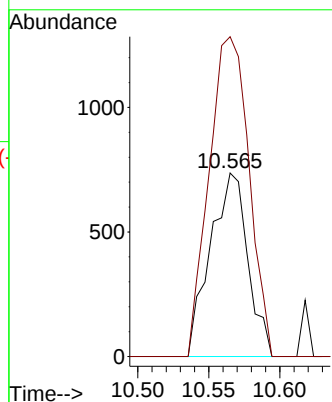


#51
4-Methyl-2-Pentanone
Concen: 0.618 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.124 min
Lab File: VN084891.D
Acq: 17 Nov 2024 13:36

Instrument :
MSVOA_N
ClientSampleId :

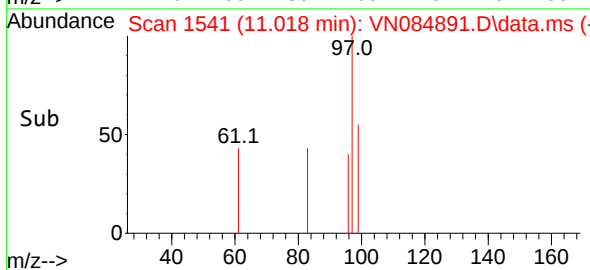
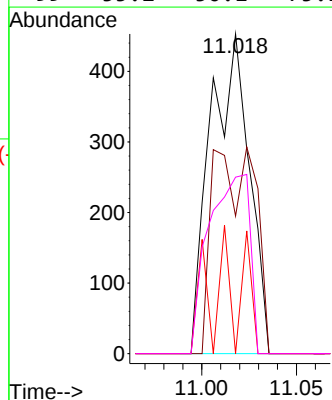
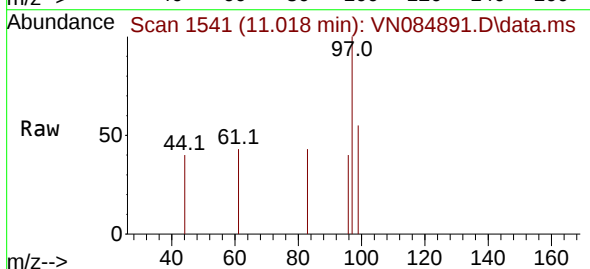


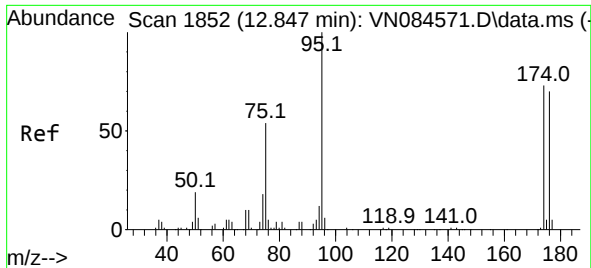
Tgt Ion: 43 Resp: 1350
Ion Ratio Lower Upper
43 100
58 186.1 31.6 47.4#



#55
1,1,2-Trichloroethane
Concen: 0.361 ug/l
RT: 11.018 min Scan# 1541
Delta R.T. 0.006 min
Lab File: VN084891.D
Acq: 17 Nov 2024 13:36

Tgt Ion: 97 Resp: 646
Ion Ratio Lower Upper
97 100
83 43.0 71.0 106.4#
85 0.0 41.7 62.5#
99 55.2 50.1 75.1

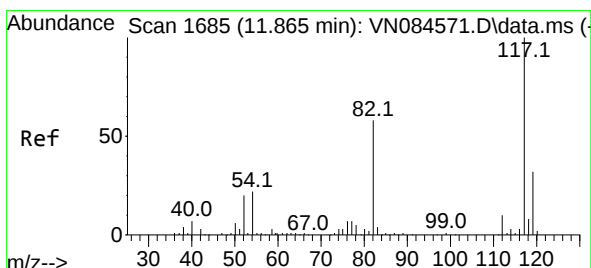
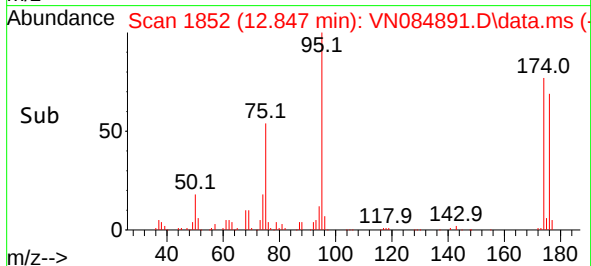
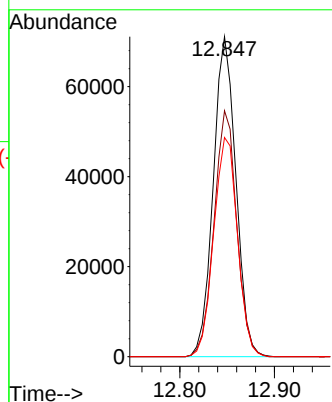
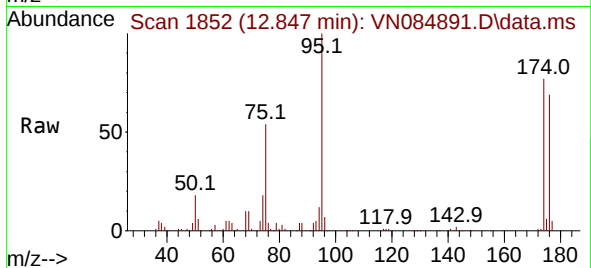




#62
4-Bromofluorobenzene
Concen: 46.985 ug/l
RT: 12.847 min Scan# 117844
Delta R.T. 0.000 min
Lab File: VN084891.D
Acq: 17 Nov 2024 13:36

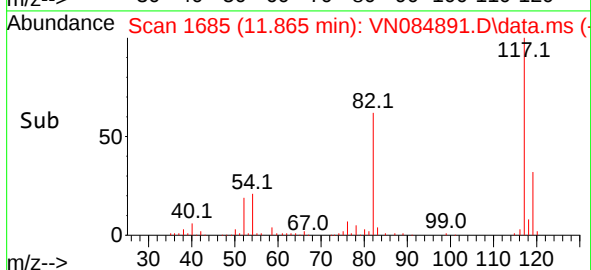
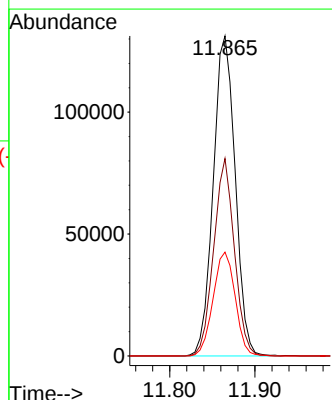
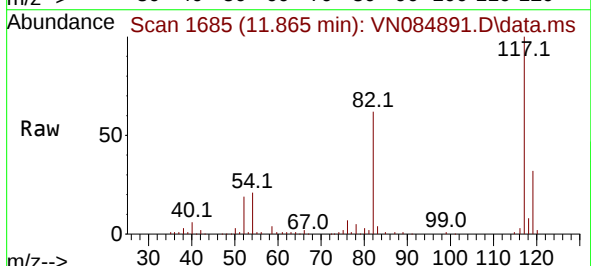
Instrument :
MSVOA_N
ClientSampleId :

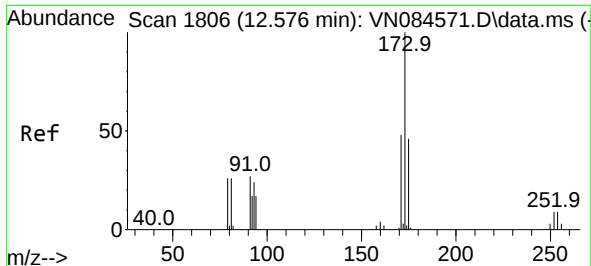
Tgt Ion: 95 Resp: 117844
Ion Ratio Lower Upper
95 100
174 77.5 0.0 145.2
176 72.1 0.0 140.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN084891.D
Acq: 17 Nov 2024 13:36

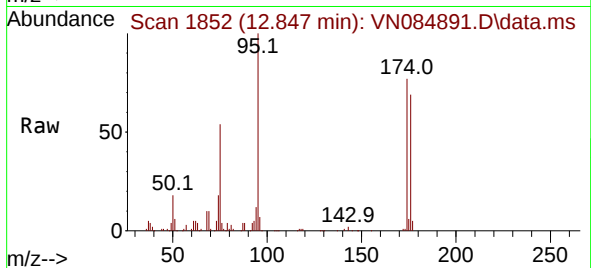
Tgt Ion: 117 Resp: 235219
Ion Ratio Lower Upper
117 100
82 61.7 47.2 70.8
119 32.5 25.4 38.0



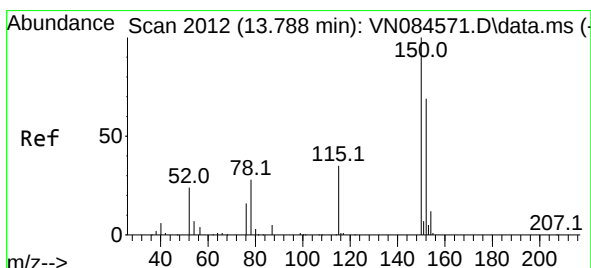
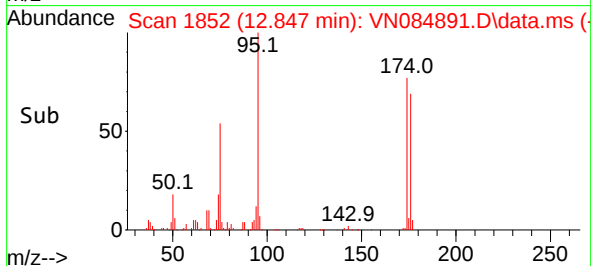
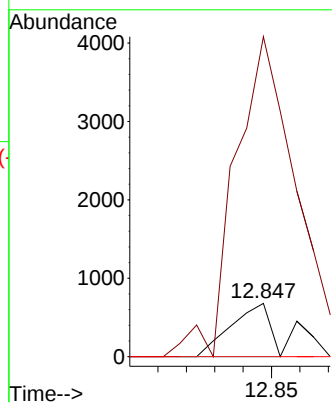


#71
Bromoform
Concen: 0.468 ug/l
RT: 12.847 min Scan# 1806
Delta R.T. 0.271 min
Lab File: VN084891.D
Acq: 17 Nov 2024 13:36

Instrument :
MSVOA_N
ClientSampleId :

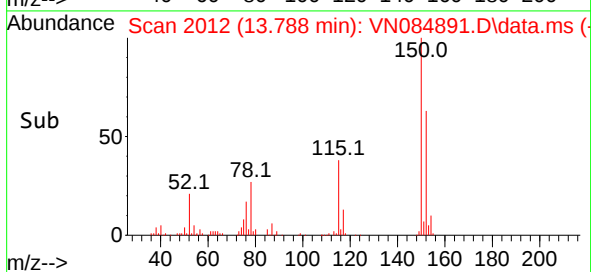
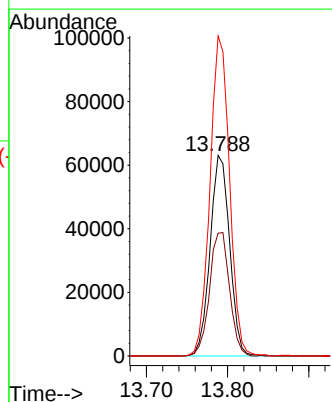
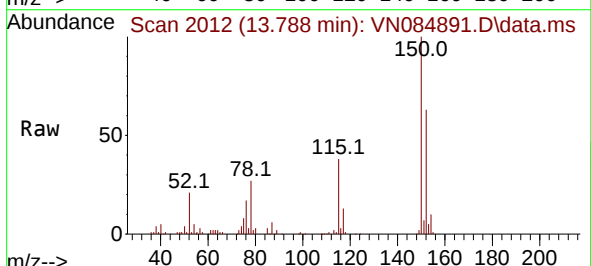


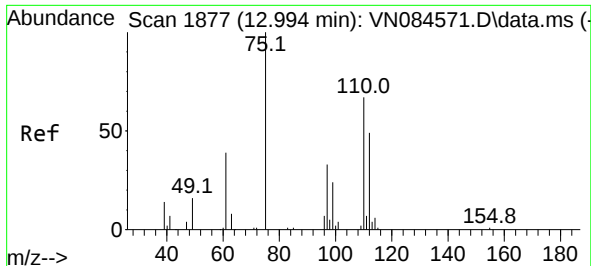
Tgt Ion:173 Resp: 645
Ion Ratio Lower Upper
173 100
175 718.8 23.5 70.6#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. 0.000 min
Lab File: VN084891.D
Acq: 17 Nov 2024 13:36

Tgt Ion:152 Resp: 105367
Ion Ratio Lower Upper
152 100
115 63.0 31.3 93.9
150 159.5 0.0 349.8

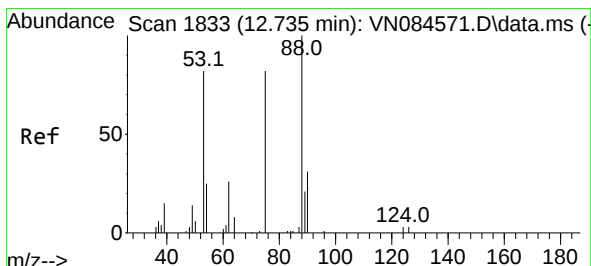
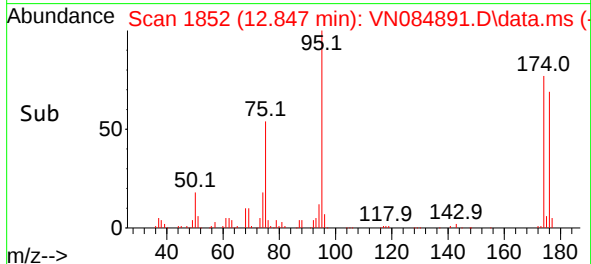
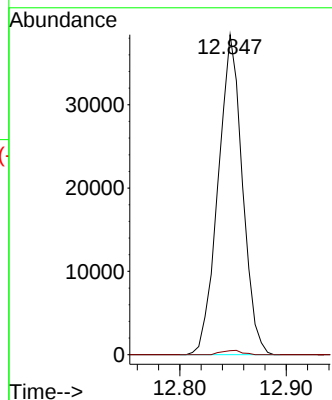
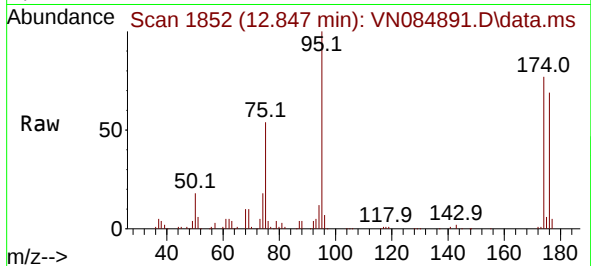




#76
1,2,3-Trichloropropane
Concen: 28.901 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.141 min
Lab File: VN084891.D
Acq: 17 Nov 2024 13:36

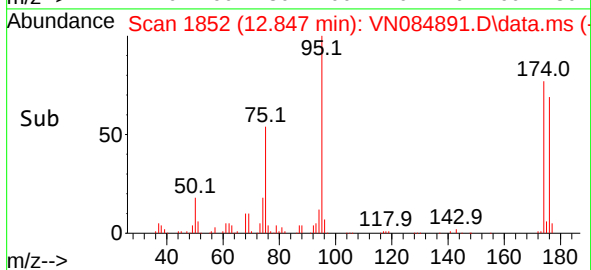
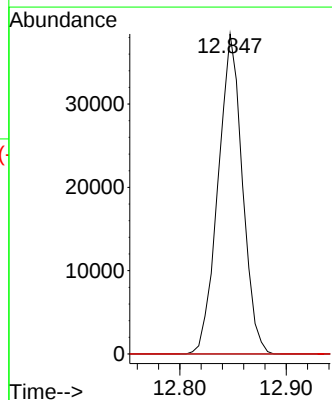
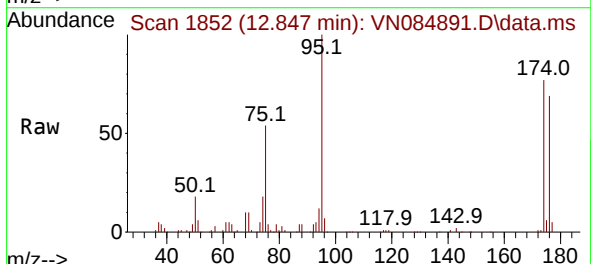
Instrument :
MSVOA_N
ClientSampleId :

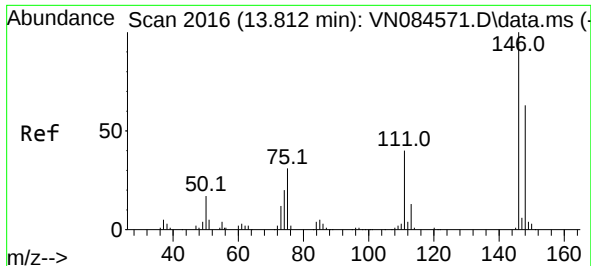
Tgt Ion: 75 Resp: 60872
Ion Ratio Lower Upper
75 100
77 1.1 96.9 290.7#



#81
trans-1,4-Dichloro-2-butene
Concen: 68.564 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.112 min
Lab File: VN084891.D
Acq: 17 Nov 2024 13:36

Tgt Ion: 75 Resp: 60872
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: 13.806 min Scan# 20

Delta R.T. -0.006 min

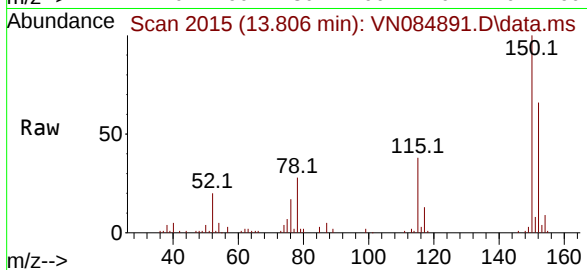
Lab File: VN084891.D

Acq: 17 Nov 2024 13:36

Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion:	146	Resp:	526
Ion	Ratio	Lower	Upper
146	100		
111	314.4	21.2	63.6#
148	45.2	31.9	95.9

