

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN110724\
 Data File : VN084732.D
 Acq On : 07 Nov 2024 19:34
 Operator : JC\MD
 Sample : VIBLK
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Nov 08 00:34:36 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)

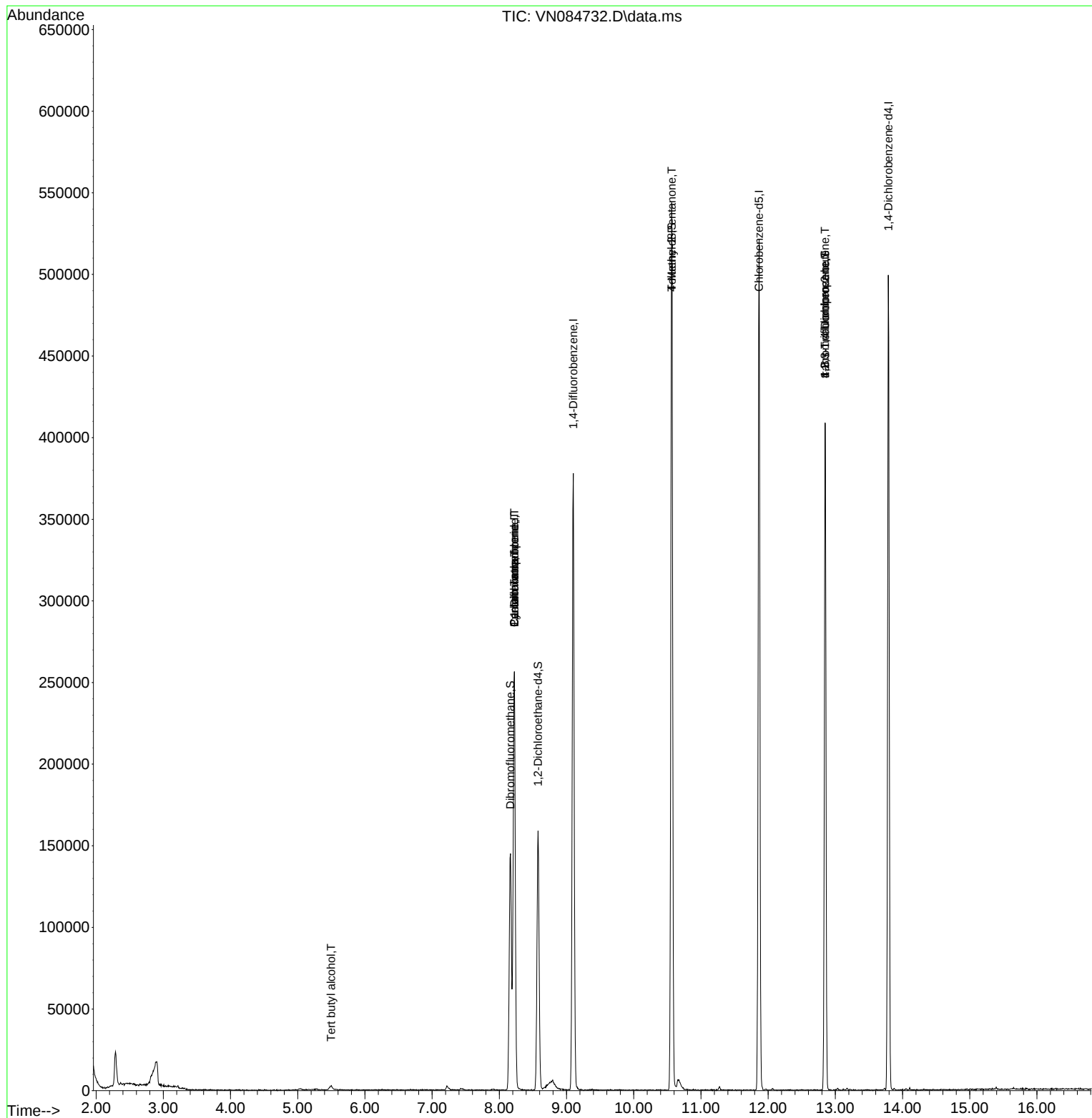
Internal Standards						
1) Pentafluorobenzene	8.224	168	184631	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	323920	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	298043	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	134629	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	132907	49.840	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	99.680%		
35) Dibromofluoromethane	8.165	113	105898	48.299	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	96.600%		
50) Toluene-d8	10.565	98	380699	47.136	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	94.280%		
62) 4-Bromofluorobenzene	12.847	95	143858	47.659	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	95.320%		
Target Compounds						
					Qvalue	
3) Chloromethane	2.365	50	504	Below Cal	#	87
6) Chloroethane	3.154	64	202	Below Cal	#	45
11) Tert butyl alcohol	5.495	59	2269	6.446	ug/l #	73
16) Acetone	4.430	43	56	Below Cal	#	44
18) Methyl Acetate	5.024	43	811	Below Cal	#	51
31) Cyclohexane	8.224	56	4057	1.102	ug/l #	1
36) 1,1-Dichloropropene	8.224	75	15909	5.232	ug/l #	50
38) Carbon Tetrachloride	8.224	117	19741	5.808	ug/l #	15
43) Isopropyl Acetate	8.677	43	1007	Below Cal	#	56
51) 4-Methyl-2-Pentanone	10.565	43	1622	0.617	ug/l #	1
76) 1,2,3-Trichloropropane	12.847	75	72729	27.025	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	72729	64.114	ug/l #	11
88) 1,4-Dichlorobenzene	13.735	146	393	Below Cal		73

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

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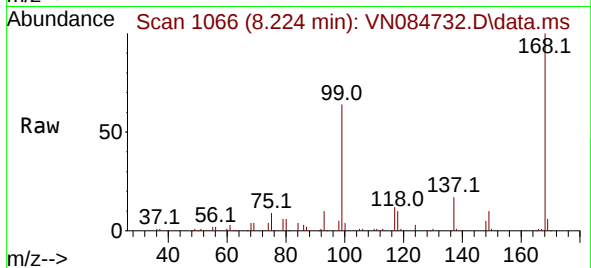
Quant Time: Nov 08 00:34:36 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N103024W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 31 18:45:38 2024
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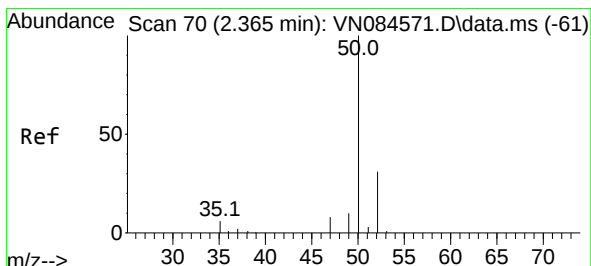
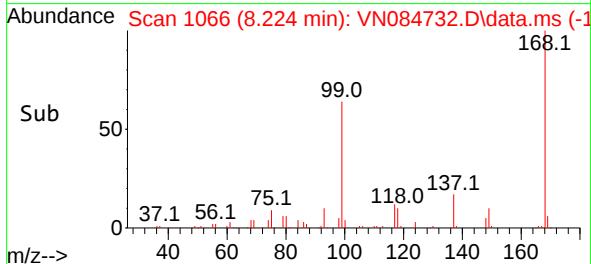
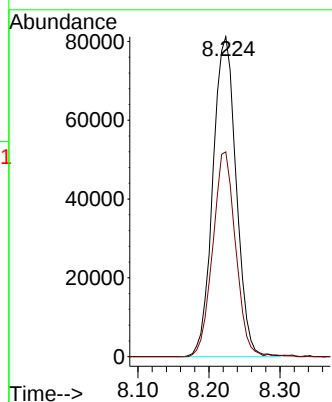


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 10
Delta R.T. -0.000 min
Lab File: VN084732.D
Acq: 07 Nov 2024 19:34

Instrument :
MSVOA_N
ClientSampleId :

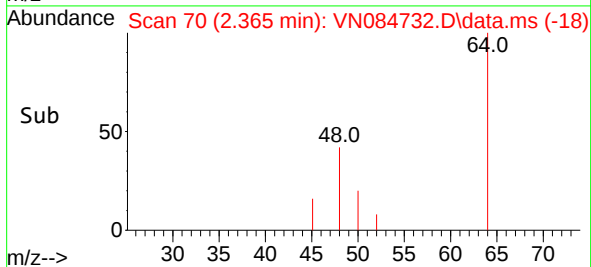
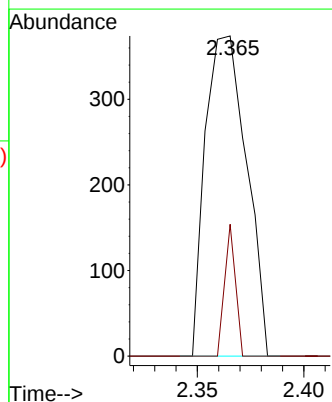
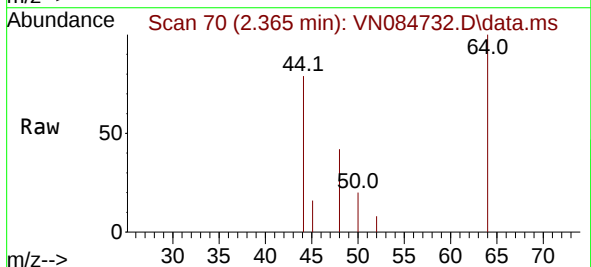


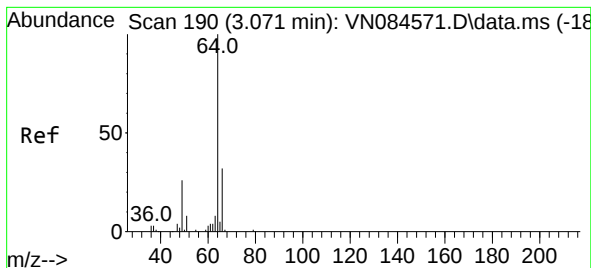
Tgt Ion:168 Resp: 184631
Ion Ratio Lower Upper
168 100
99 64.0 54.2 81.2



#3
Chloromethane
Concen: Below Cal
RT: 2.365 min Scan# 70
Delta R.T. 0.006 min
Lab File: VN084732.D
Acq: 07 Nov 2024 19:34

Tgt Ion: 50 Resp: 504
Ion Ratio Lower Upper
50 100
52 41.2 26.8 40.2#





#6

Chloroethane

Concen: Below Cal

RT: 3.154 min Scan# 204

Delta R.T. 0.036 min

Lab File: VN084732.D

Acq: 07 Nov 2024 19:34

Instrument :

MSVOA_N

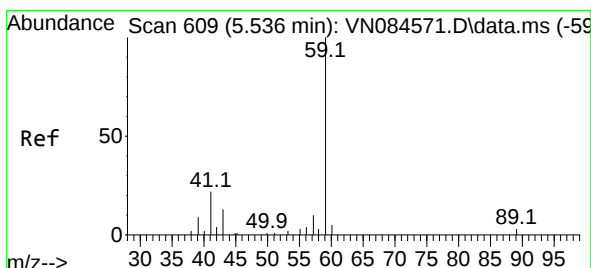
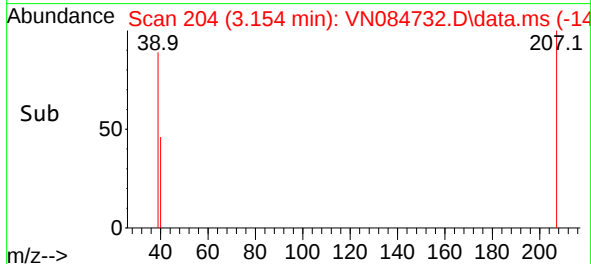
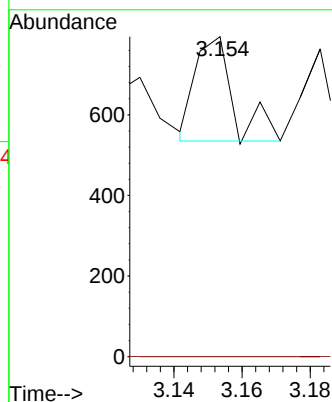
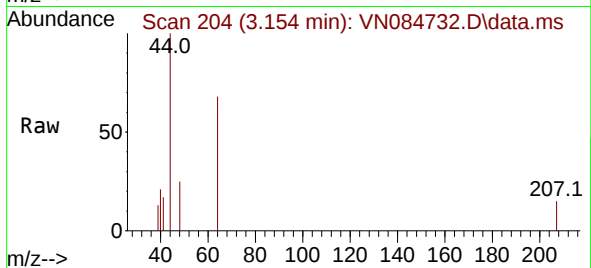
ClientSampleId :

Tgt Ion: 64 Resp: 202

Ion Ratio Lower Upper

64 100

66 0.0 23.5 35.3#



#11

Tert butyl alcohol

Concen: 6.446 ug/l

RT: 5.495 min Scan# 602

Delta R.T. -0.029 min

Lab File: VN084732.D

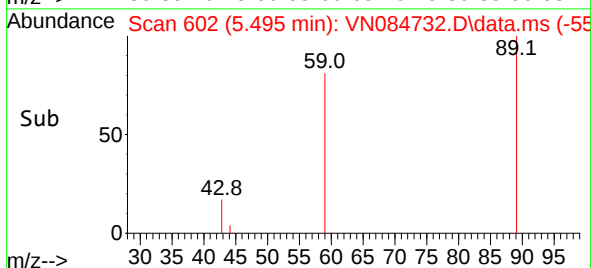
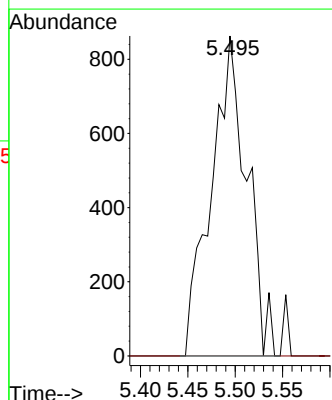
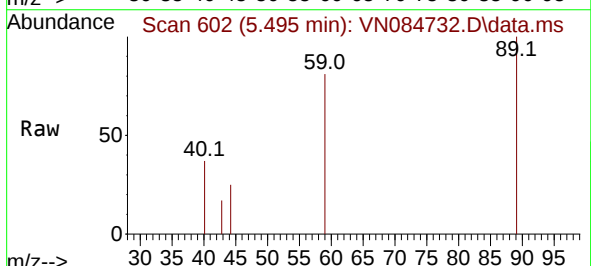
Acq: 07 Nov 2024 19:34

Tgt Ion: 59 Resp: 2269

Ion Ratio Lower Upper

59 100

57 0.0 8.2 12.2#

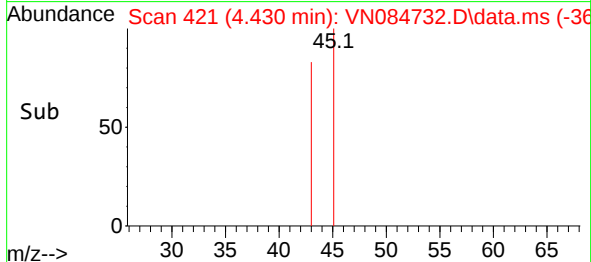
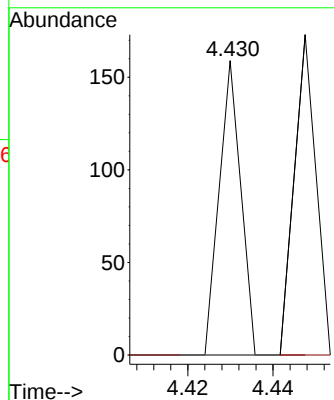
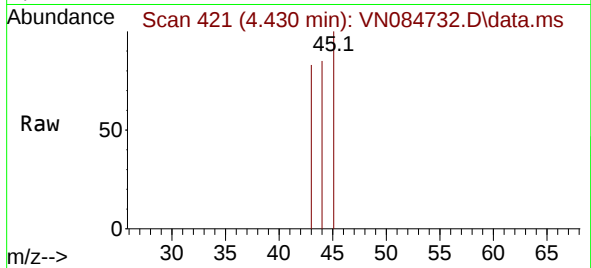




#16
Acetone
Concen: Below Cal
RT: 4.430 min Scan# 41
Delta R.T. 0.006 min
Lab File: VN084732.D
Acq: 07 Nov 2024 19:34

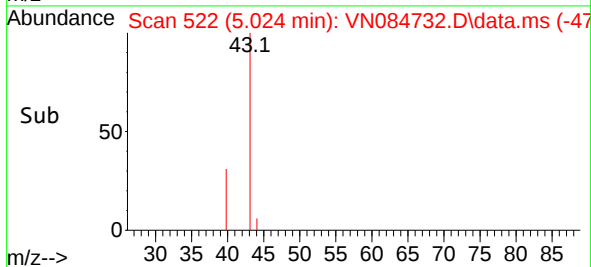
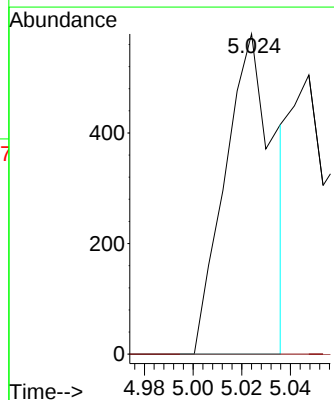
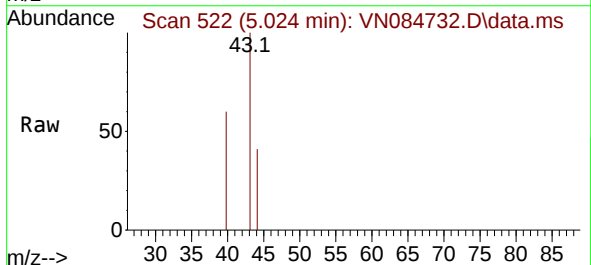
Instrument :
MSVOA_N
ClientSampleId :

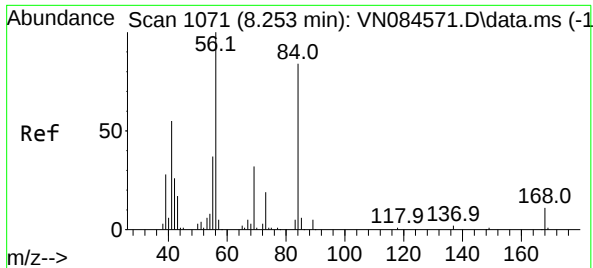
Tgt Ion: 43 Resp: 56
Ion Ratio Lower Upper
43 100
58 0.0 24.4 36.6#



#18
Methyl Acetate
Concen: Below Cal
RT: 5.024 min Scan# 522
Delta R.T. 0.006 min
Lab File: VN084732.D
Acq: 07 Nov 2024 19:34

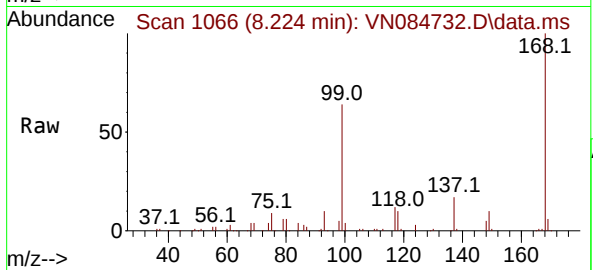
Tgt Ion: 43 Resp: 811
Ion Ratio Lower Upper
43 100
74 0.0 19.2 28.8#



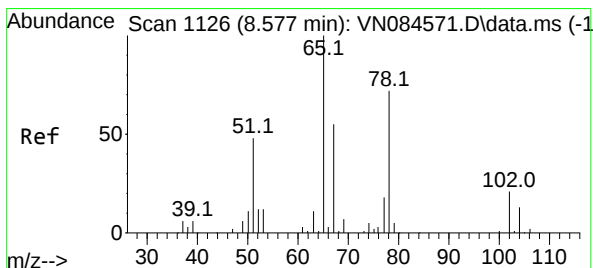
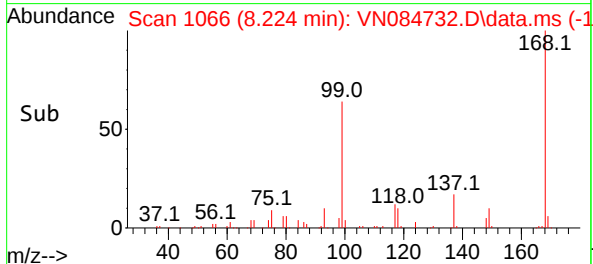
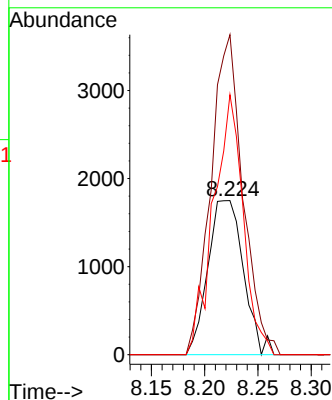


#31
Cyclohexane
Concen: 1.102 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.029 min
Lab File: VN084732.D
Acq: 07 Nov 2024 19:34

Instrument :
MSVOA_N
ClientSampleId :

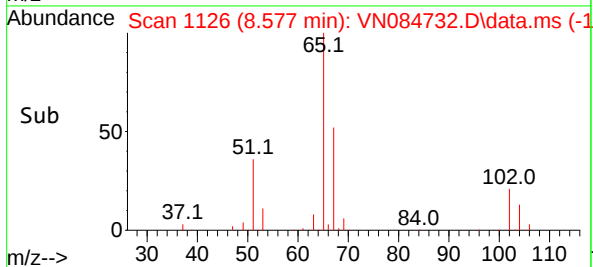
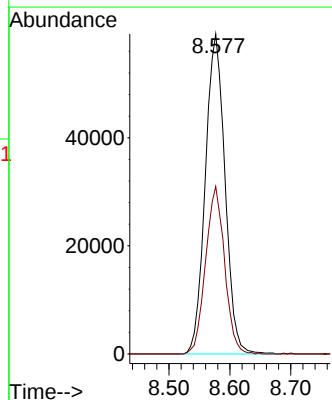
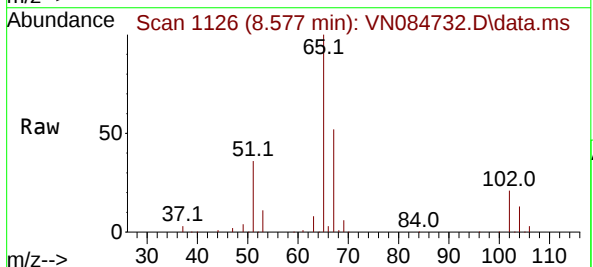


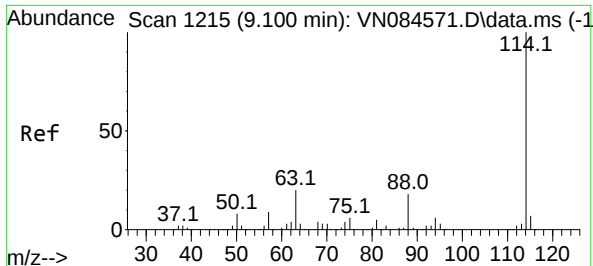
Tgt Ion: 56 Resp: 4057
Ion Ratio Lower Upper
56 100
69 207.7 23.8 35.6#
84 168.7 68.8 103.2#



#33
1,2-Dichloroethane-d4
Concen: 49.840 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN084732.D
Acq: 07 Nov 2024 19:34

Tgt Ion: 65 Resp: 132907
Ion Ratio Lower Upper
65 100
67 50.6 0.0 102.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN084732.D

Acq: 07 Nov 2024 19:34

Instrument :

MSVOA_N

ClientSampleId :

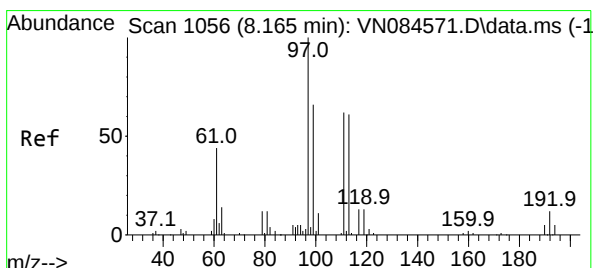
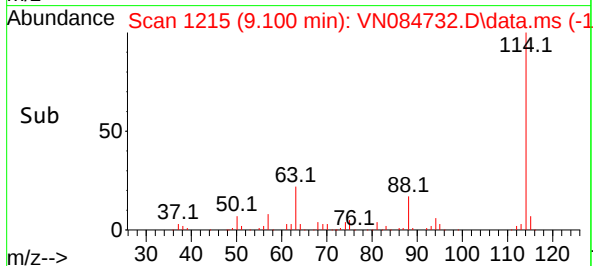
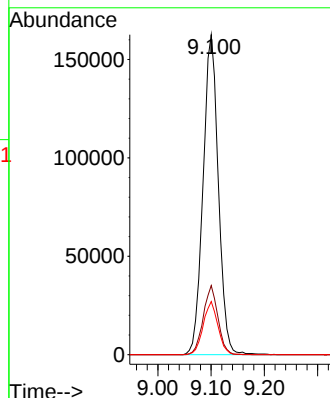
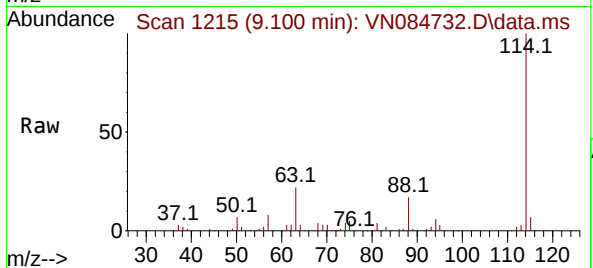
Tgt Ion:114 Resp: 323920

Ion Ratio Lower Upper

114 100

63 21.6 0.0 43.8

88 16.6 0.0 31.6



#35

Dibromofluoromethane

Concen: 48.299 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. 0.000 min

Lab File: VN084732.D

Acq: 07 Nov 2024 19:34

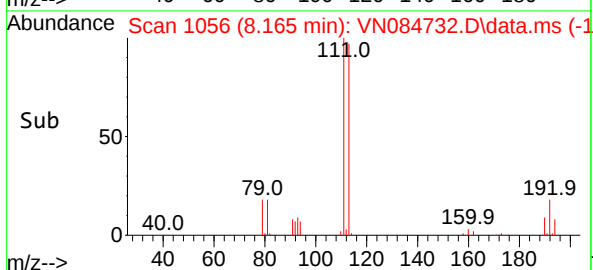
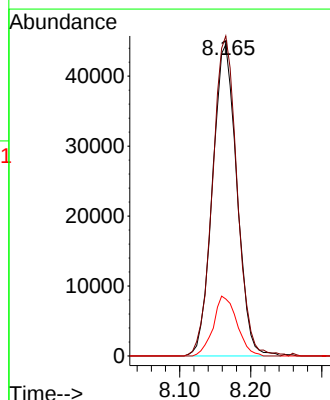
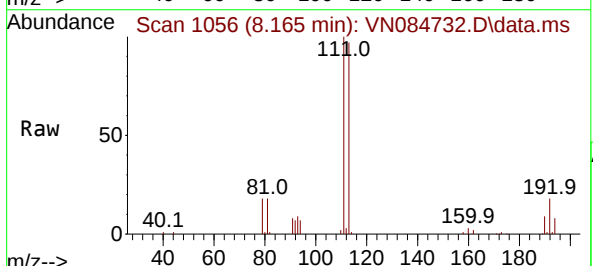
Tgt Ion:113 Resp: 105898

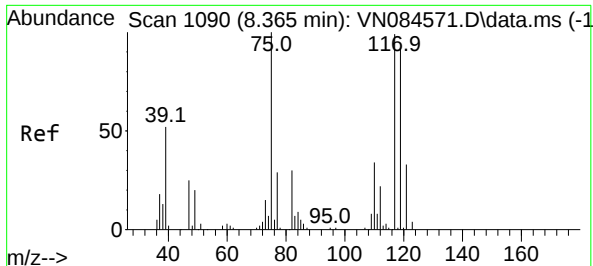
Ion Ratio Lower Upper

113 100

111 103.2 83.3 124.9

192 18.6 13.5 20.3





#36

1,1-Dichloropropene

Concen: 5.232 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.147 min

Lab File: VN084732.D

Acq: 07 Nov 2024 19:34

Instrument :

MSVOA_N

ClientSampleId :

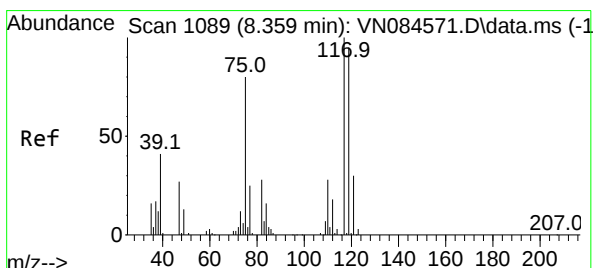
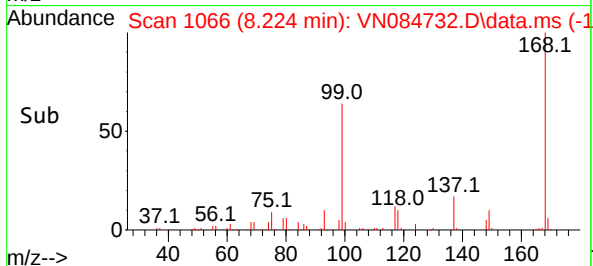
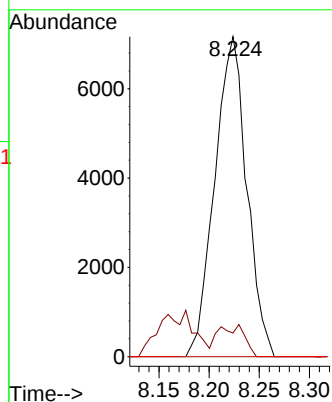
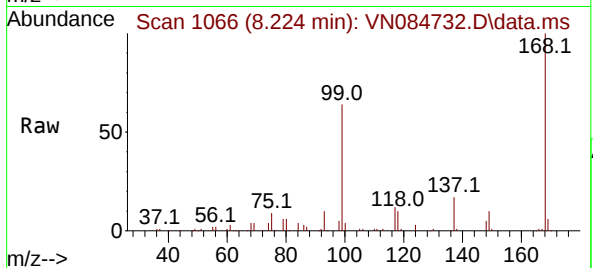
Tgt Ion: 75 Resp: 15909

Ion Ratio Lower Upper

75 100

110 8.2 16.9 50.7#

77 0.0 24.7 37.1#



#38

Carbon Tetrachloride

Concen: 5.808 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.135 min

Lab File: VN084732.D

Acq: 07 Nov 2024 19:34

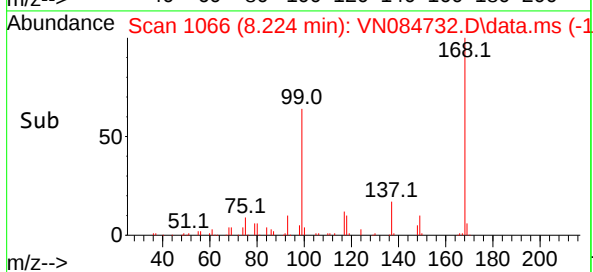
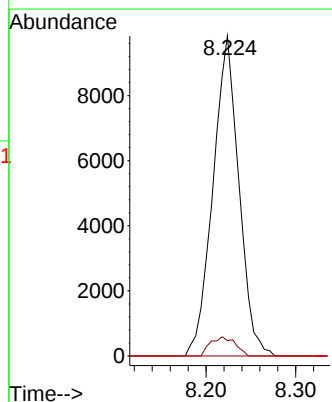
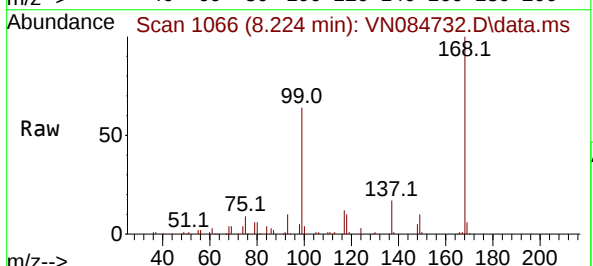
Tgt Ion: 117 Resp: 19741

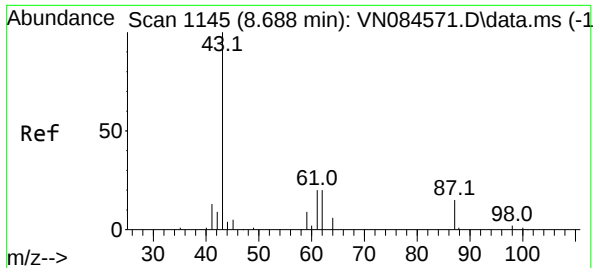
Ion Ratio Lower Upper

117 100

119 4.8 78.7 118.1#

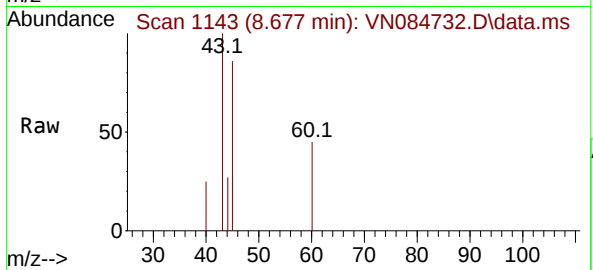
121 0.0 24.4 36.6#



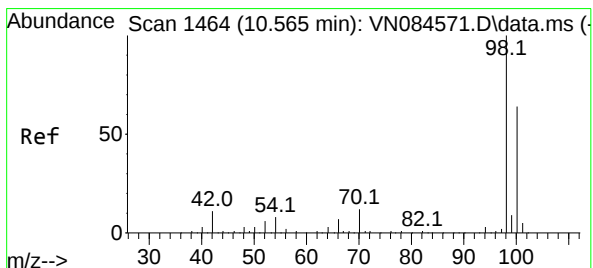
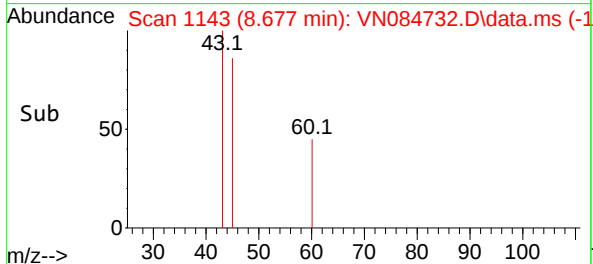
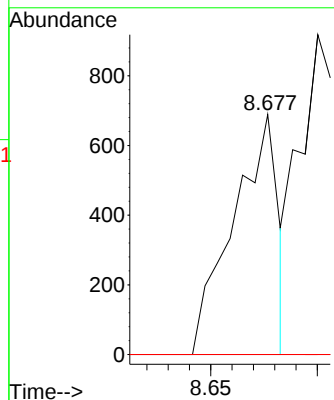


#43
Isopropyl Acetate
Concen: Below Cal
RT: 8.677 min Scan# 1143
Delta R.T. -0.011 min
Lab File: VN084732.D
Acq: 07 Nov 2024 19:34

Instrument :
MSVOA_N
ClientSampleId :

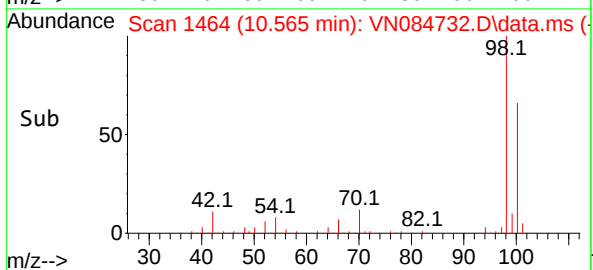
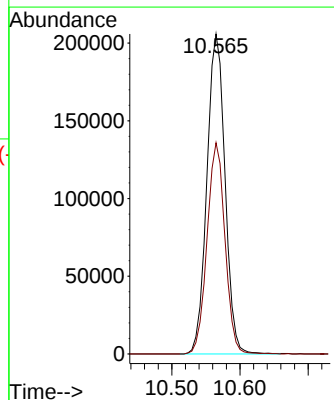
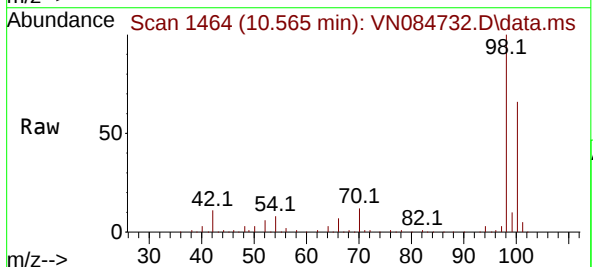


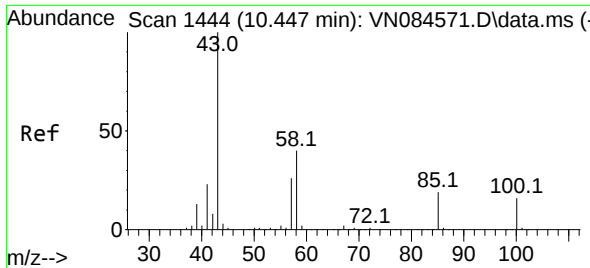
Tgt Ion: 43 Resp: 1007
Ion Ratio Lower Upper
43 100
61 0.0 20.4 30.6#
87 0.0 10.3 15.5#



#50
Toluene-d8
Concen: 47.136 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN084732.D
Acq: 07 Nov 2024 19:34

Tgt Ion: 98 Resp: 380699
Ion Ratio Lower Upper
98 100
100 65.2 52.7 79.1

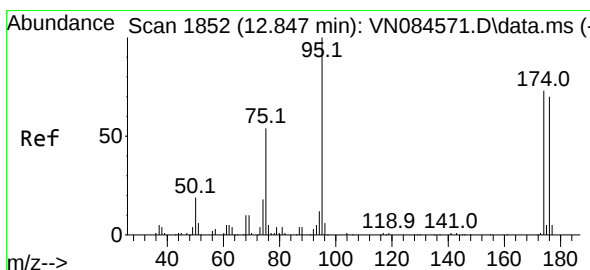
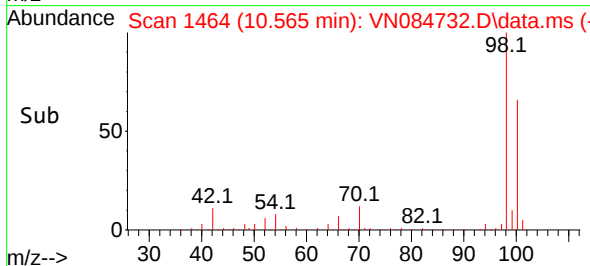
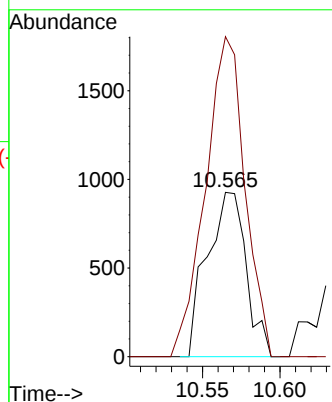
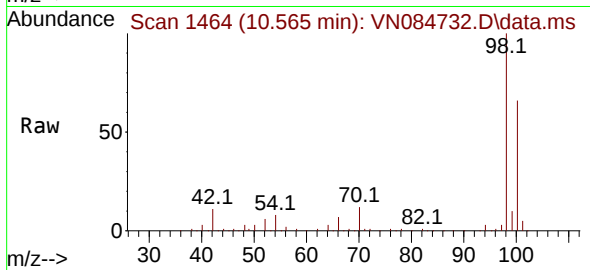




#51
4-Methyl-2-Pentanone
Concen: 0.617 ug/l
RT: 10.565 min Scan# 1444
Delta R.T. 0.124 min
Lab File: VN084732.D
Acq: 07 Nov 2024 19:34

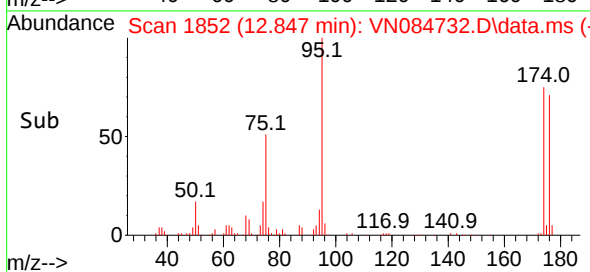
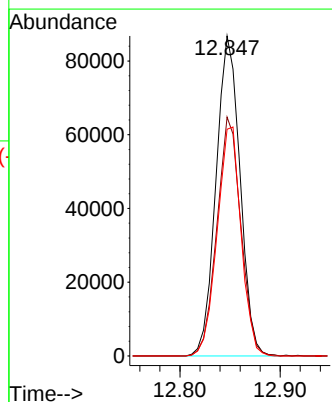
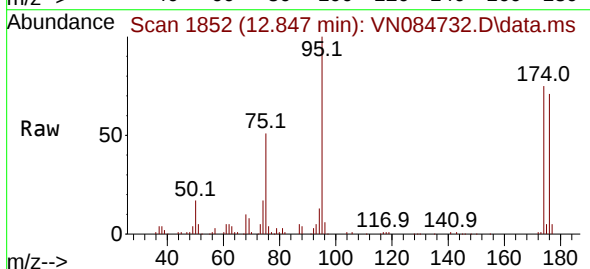
Instrument :
MSVOA_N
ClientSampleId :

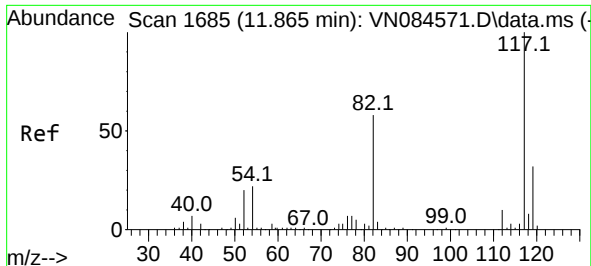
Tgt Ion: 43 Resp: 1622
Ion Ratio Lower Upper
43 100
58 197.4 31.6 47.4#



#62
4-Bromofluorobenzene
Concen: 47.659 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN084732.D
Acq: 07 Nov 2024 19:34

Tgt Ion: 95 Resp: 143858
Ion Ratio Lower Upper
95 100
174 74.6 0.0 145.2
176 71.3 0.0 140.0

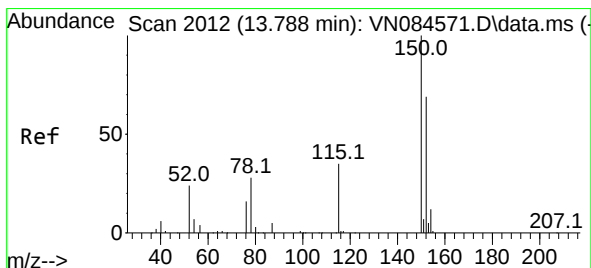
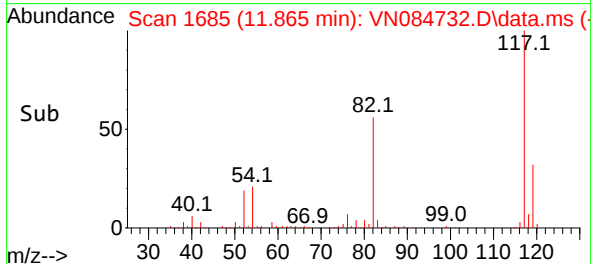
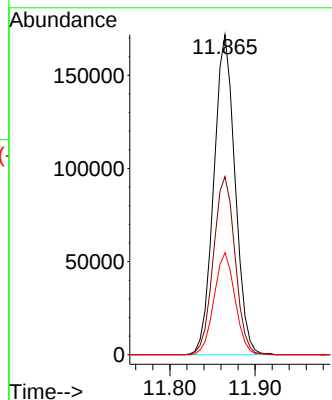
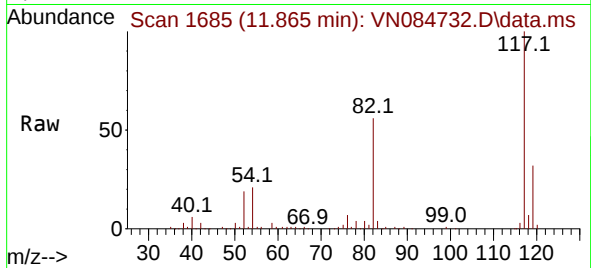




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN084732.D
Acq: 07 Nov 2024 19:34

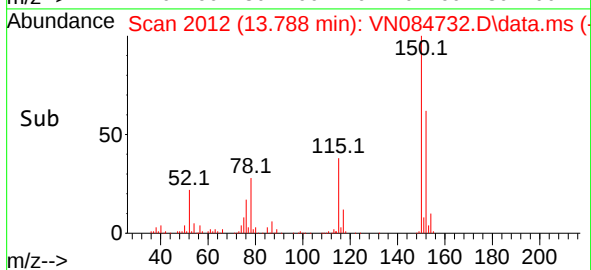
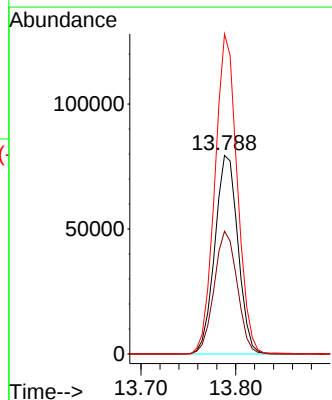
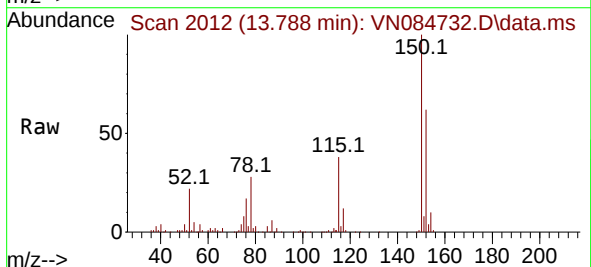
Instrument :
MSVOA_N
ClientSampleId :

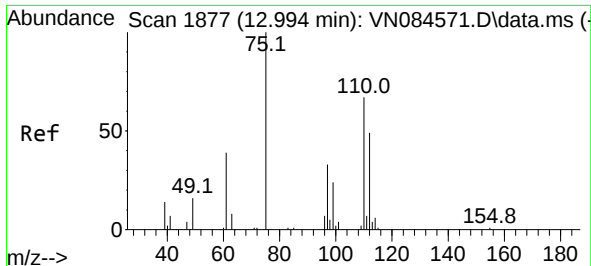
Tgt Ion:117 Resp: 298043
Ion Ratio Lower Upper
117 100
82 55.6 47.2 70.8
119 31.8 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. 0.000 min
Lab File: VN084732.D
Acq: 07 Nov 2024 19:34

Tgt Ion:152 Resp: 134629
Ion Ratio Lower Upper
152 100
115 61.8 31.3 93.9
150 156.1 0.0 349.8

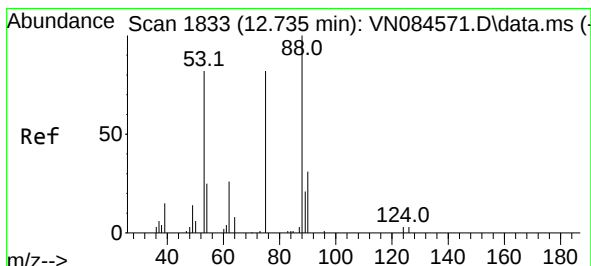
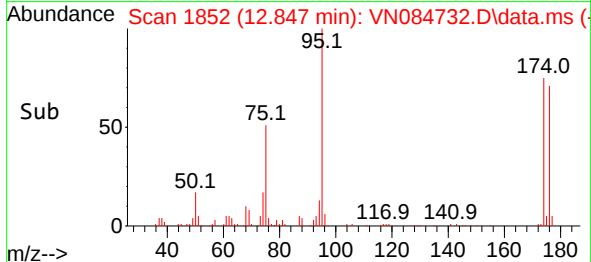
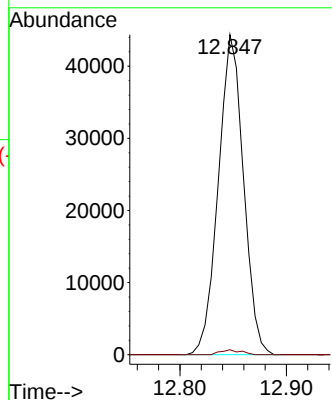
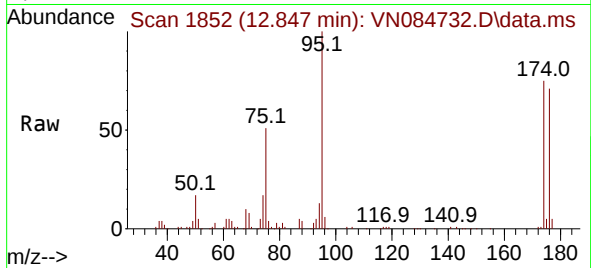




#76
1,2,3-Trichloropropane
Concen: 27.025 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.141 min
Lab File: VN084732.D
Acq: 07 Nov 2024 19:34

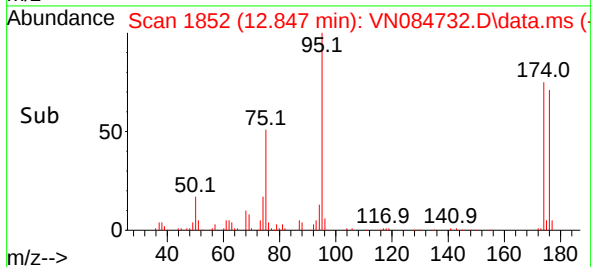
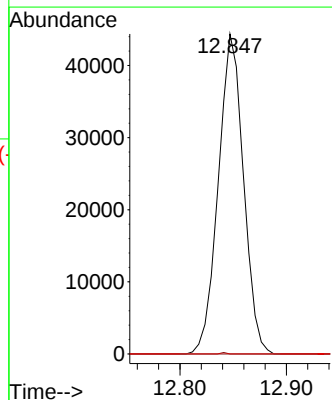
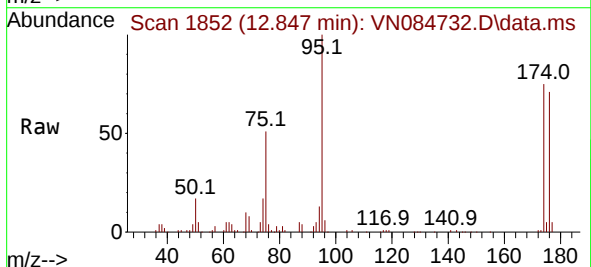
Instrument :
MSVOA_N
ClientSampleId :

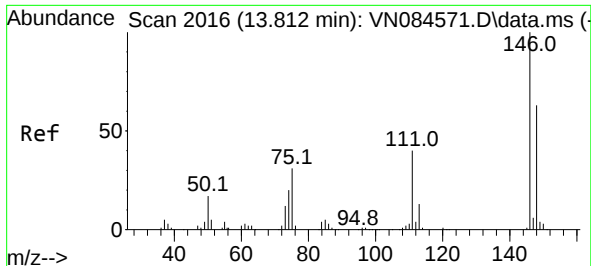
Tgt Ion: 75 Resp: 72729
Ion Ratio Lower Upper
75 100
77 1.3 96.9 290.7#



#81
trans-1,4-Dichloro-2-butene
Concen: 64.114 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.112 min
Lab File: VN084732.D
Acq: 07 Nov 2024 19:34

Tgt Ion: 75 Resp: 72729
Ion Ratio Lower Upper
75 100
53 0.1 78.0 117.0#
89 0.0 35.5 53.3#





#88

1,4-Dichlorobenzene

Concen: Below Cal

RT: 13.735 min Scan# 20

Delta R.T. -0.077 min

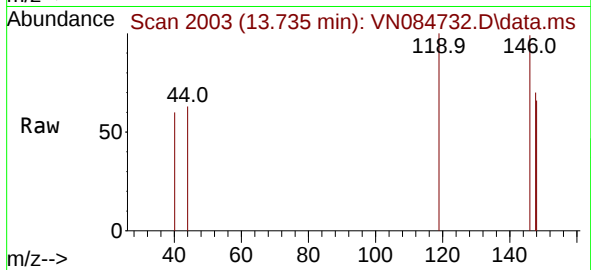
Lab File: VN084732.D

Acq: 07 Nov 2024 19:34

Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion:146 Resp: 393

Ion Ratio Lower Upper

146 100

111 33.6 21.2 63.6

148 92.4 31.9 95.9

