

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN110724\
 Data File : VN084727.D
 Acq On : 07 Nov 2024 17:33
 Operator : JC\MD
 Sample : VIBLK
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Nov 08 00:30:10 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)

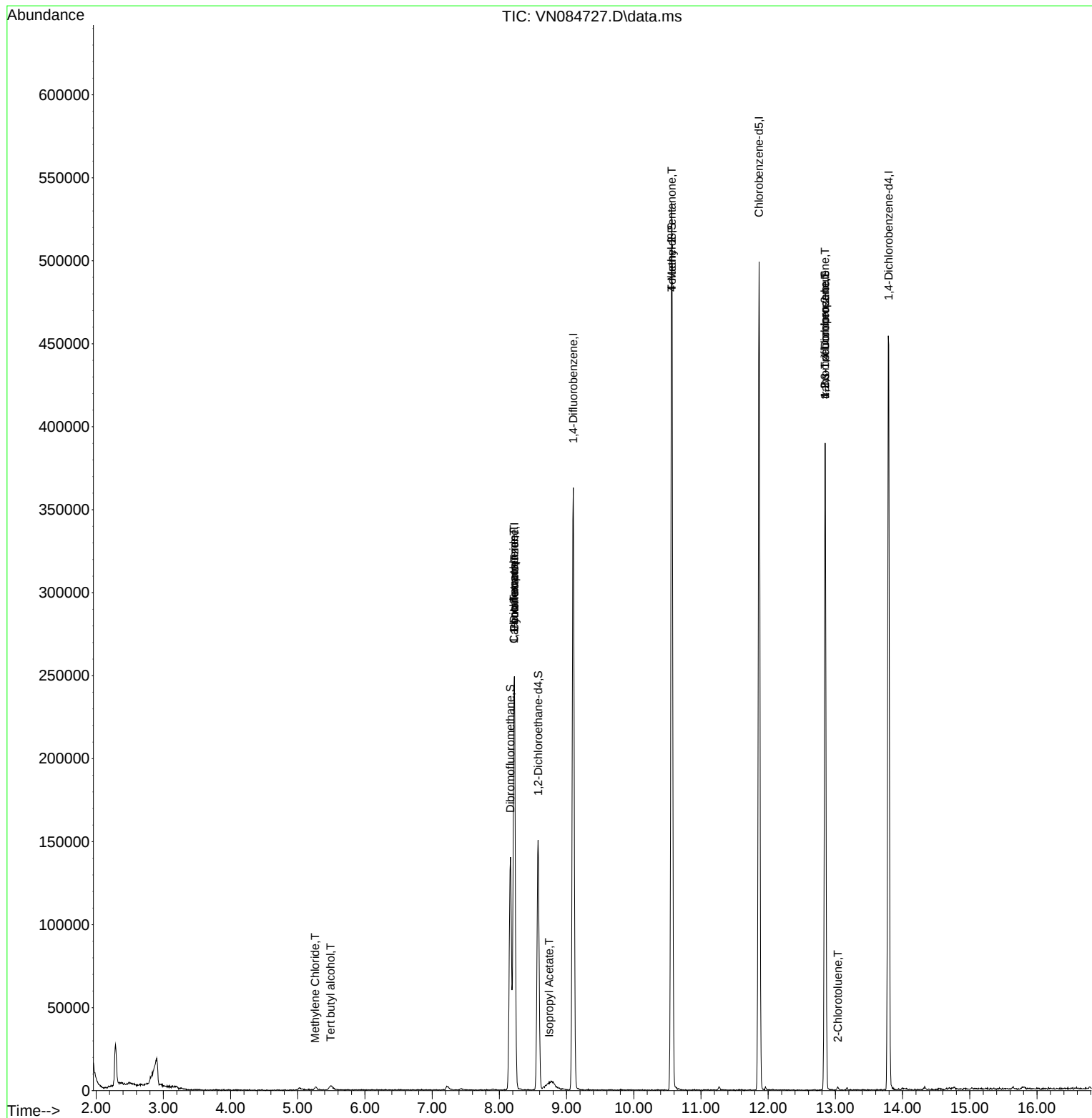
Internal Standards						
1) Pentafluorobenzene	8.224	168	183632	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	316996	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	283074	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	125860	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	123589	46.598	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	93.200%
35) Dibromofluoromethane	8.165	113	103155	48.076	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.160%
50) Toluene-d8	10.565	98	365477	46.240	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	92.480%
62) 4-Bromofluorobenzene	12.847	95	134642	45.580	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	91.160%
Target Compounds						
					Qvalue	
3) Chloromethane	2.371	50	645	Below Cal	#	41
6) Chloroethane	3.136	64	267	Below Cal	#	45
11) Tert butyl alcohol	5.488	59	1874	5.353	ug/l #	73
18) Methyl Acetate	5.030	43	2985	Below Cal	#	70
20) Methylene Chloride	5.259	84	640	0.274	ug/l #	72
31) Cyclohexane	8.224	56	4110	1.122	ug/l #	14
36) 1,1-Dichloropropene	8.218	75	14555	4.891	ug/l #	50
38) Carbon Tetrachloride	8.218	117	19073	5.734	ug/l #	15
43) Isopropyl Acetate	8.741	43	6210	0.285	ug/l #	56
51) 4-Methyl-2-Pentanone	10.565	43	1457	0.566	ug/l #	1
76) 1,2,3-Trichloropropane	12.847	75	69023	27.435	ug/l #	1
79) 2-Chlorotoluene	13.035	91	2066	0.306	ug/l #	43
81) trans-1,4-Dichloro-2-b...	12.847	75	69023	65.087	ug/l #	11
88) 1,4-Dichlorobenzene	13.794	146	349	Below Cal	#	1

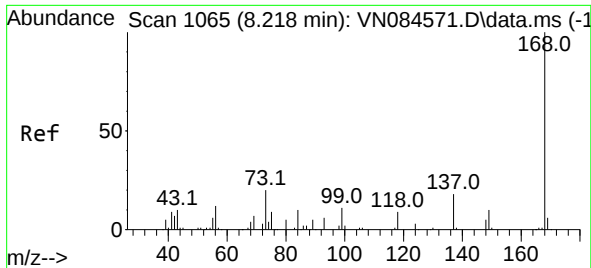
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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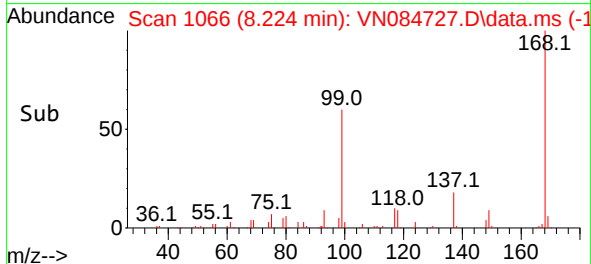
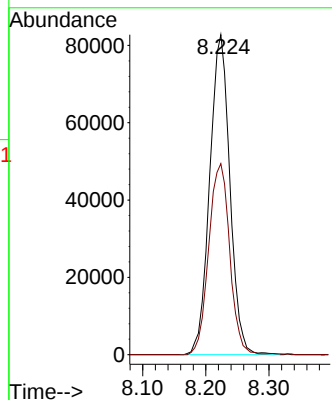
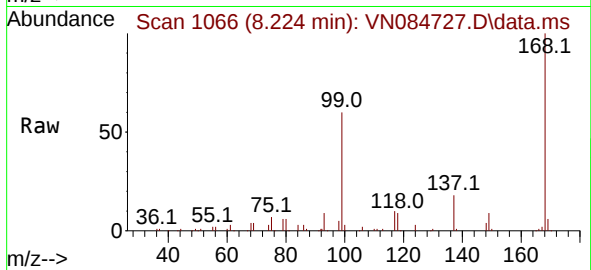




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN084727.D
Acq: 07 Nov 2024 17:33

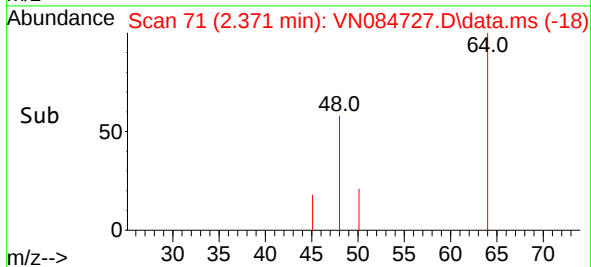
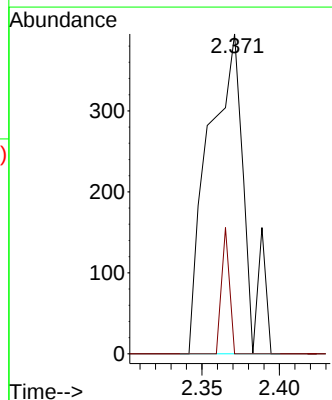
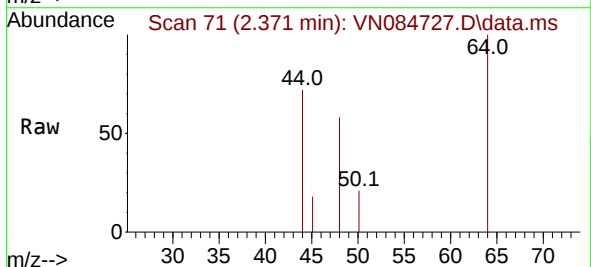
Instrument :
MSVOA_N
ClientSampleId :

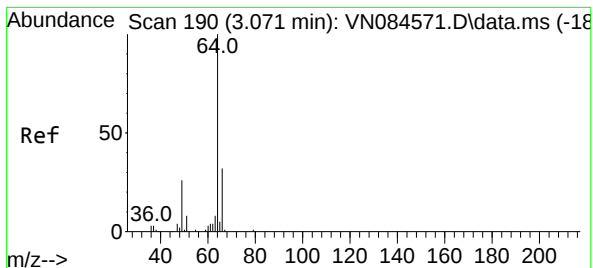
Tgt Ion:168 Resp: 183632
Ion Ratio Lower Upper
168 100
99 59.7 54.2 81.2



#3
Chloromethane
Concen: Below Cal
RT: 2.371 min Scan# 71
Delta R.T. 0.012 min
Lab File: VN084727.D
Acq: 07 Nov 2024 17:33

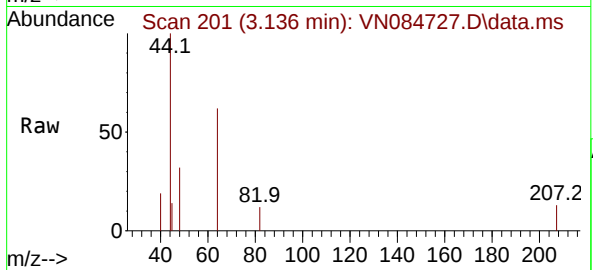
Tgt Ion: 50 Resp: 645
Ion Ratio Lower Upper
50 100
52 0.0 26.8 40.2#



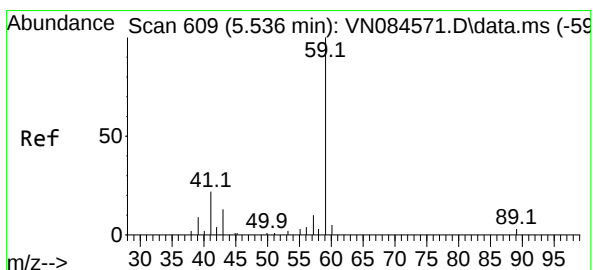
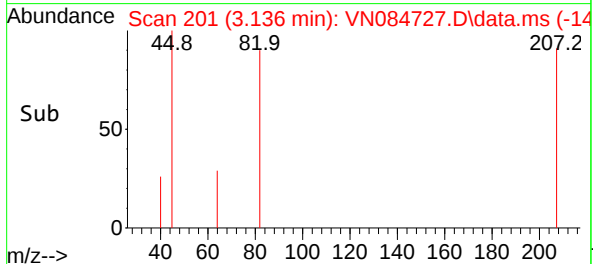
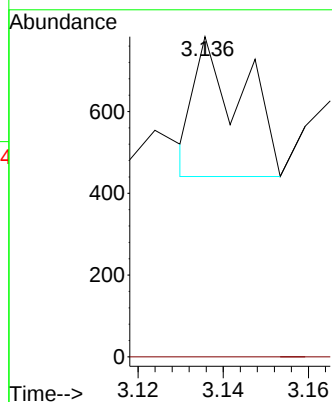


#6
Chloroethane
Concen: Below Cal
RT: 3.136 min Scan# 201
Delta R.T. 0.018 min
Lab File: VN084727.D
Acq: 07 Nov 2024 17:33

Instrument :
MSVOA_N
ClientSampleId :

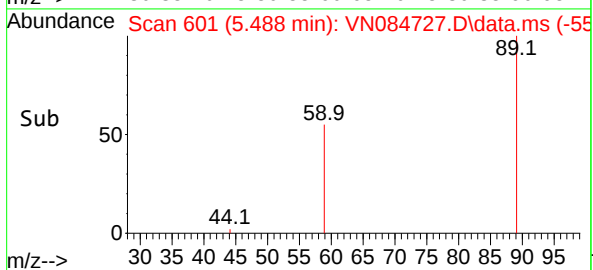
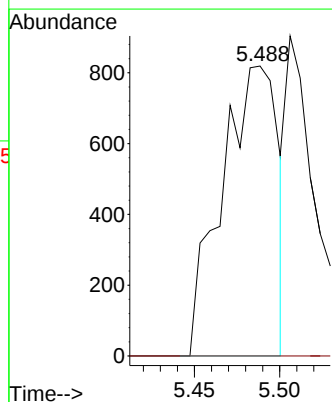
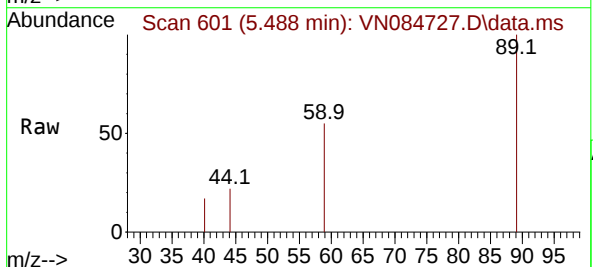


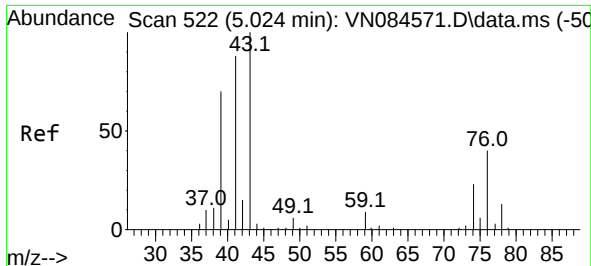
Tgt Ion: 64 Resp: 267
Ion Ratio Lower Upper
64 100
66 0.0 23.5 35.3#



#11
Tert butyl alcohol
Concen: 5.353 ug/l
RT: 5.488 min Scan# 601
Delta R.T. -0.035 min
Lab File: VN084727.D
Acq: 07 Nov 2024 17:33

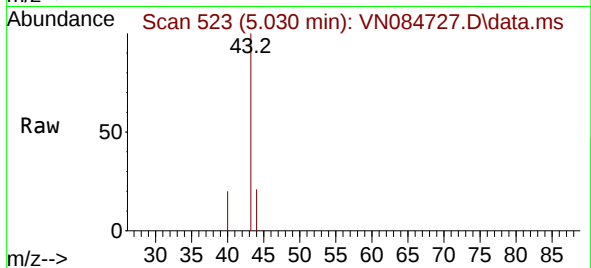
Tgt Ion: 59 Resp: 1874
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.2#



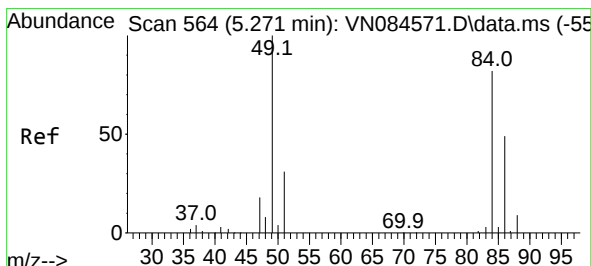
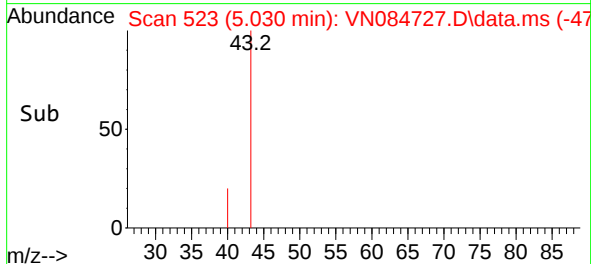
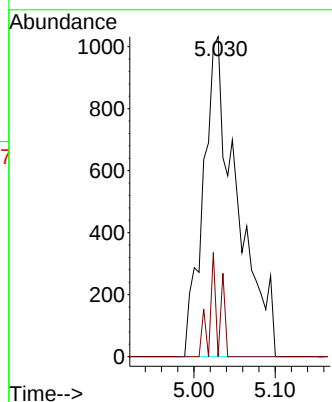


#18
Methyl Acetate
Concen: Below Cal
RT: 5.030 min Scan# 51
Delta R.T. 0.012 min
Lab File: VN084727.D
Acq: 07 Nov 2024 17:33

Instrument :
MSVOA_N
ClientSampleId :

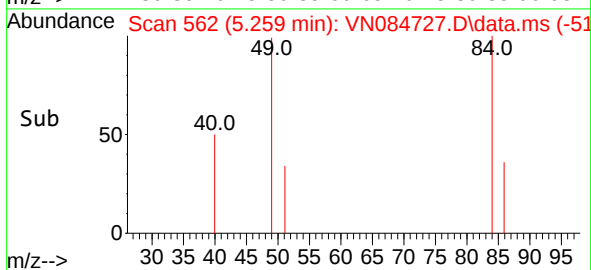
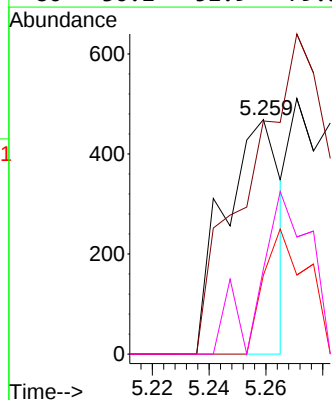
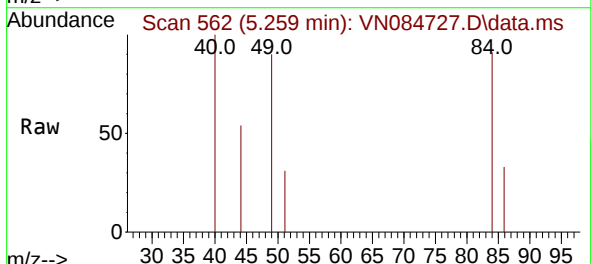


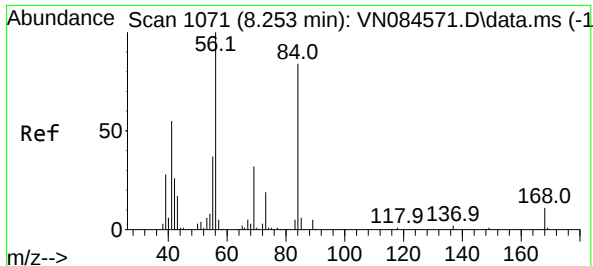
Tgt Ion: 43 Resp: 2985
Ion Ratio Lower Upper
43 100
74 9.0 19.2 28.8#



#20
Methylene Chloride
Concen: 0.274 ug/l
RT: 5.259 min Scan# 562
Delta R.T. -0.018 min
Lab File: VN084727.D
Acq: 07 Nov 2024 17:33

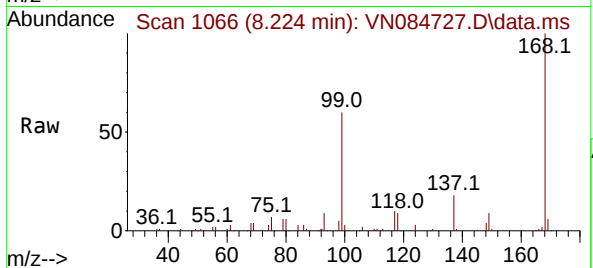
Tgt Ion: 84 Resp: 640
Ion Ratio Lower Upper
84 100
49 99.4 107.2 160.8#
51 33.7 31.8 47.8
86 36.2 52.9 79.3#



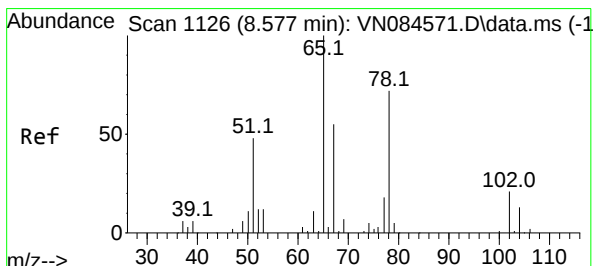
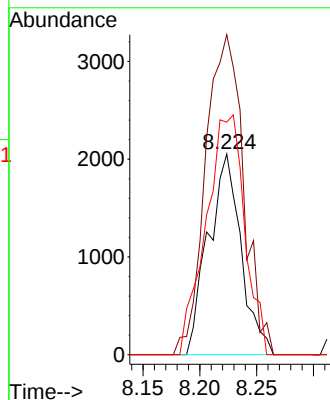
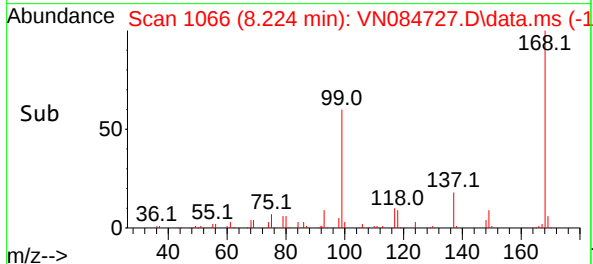


#31
Cyclohexane
Concen: 1.122 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.029 min
Lab File: VN084727.D
Acq: 07 Nov 2024 17:33

Instrument :
MSVOA_N
ClientSampleId :

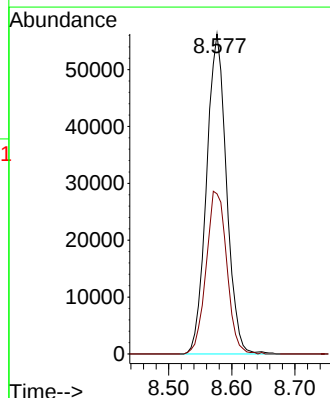
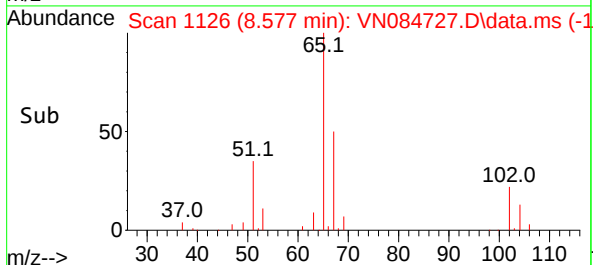
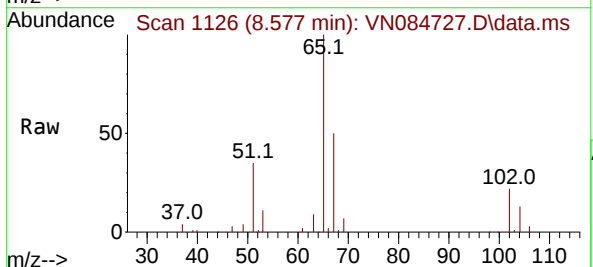


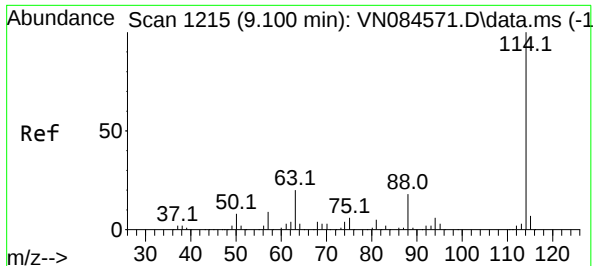
Tgt Ion: 56 Resp: 4110
Ion Ratio Lower Upper
56 100
69 159.5 23.8 35.6#
84 115.9 68.8 103.2#



#33
1,2-Dichloroethane-d4
Concen: 46.598 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN084727.D
Acq: 07 Nov 2024 17:33

Tgt Ion: 65 Resp: 123589
Ion Ratio Lower Upper
65 100
67 52.5 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: VN084727.D

Acq: 07 Nov 2024 17:33

Instrument :

MSVOA_N

ClientSampleId :

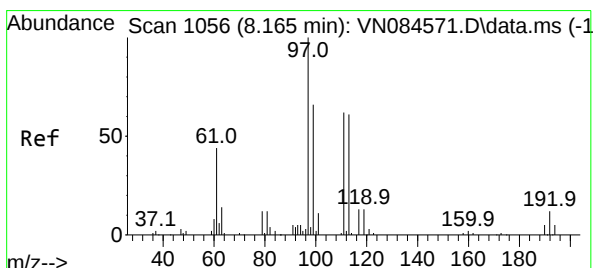
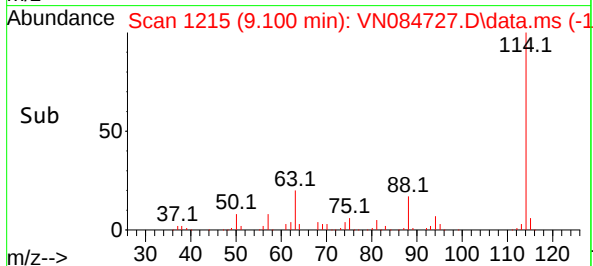
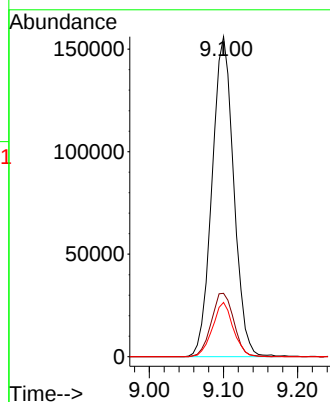
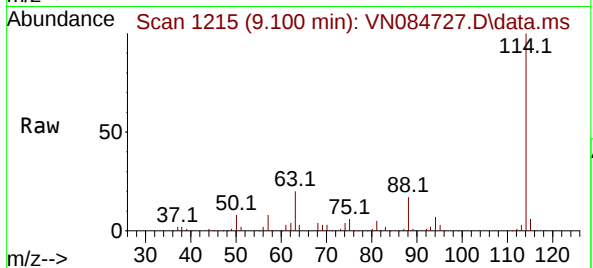
Tgt Ion:114 Resp: 316996

Ion Ratio Lower Upper

114 100

63 19.8 0.0 43.8

88 16.9 0.0 31.6



#35

Dibromofluoromethane

Concen: 48.076 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VN084727.D

Acq: 07 Nov 2024 17:33

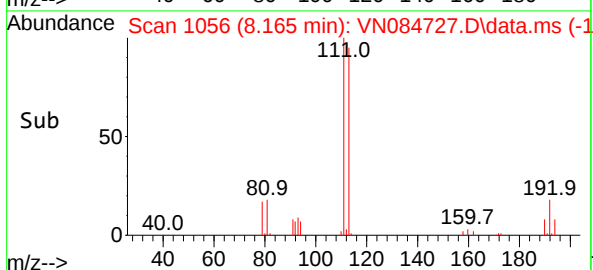
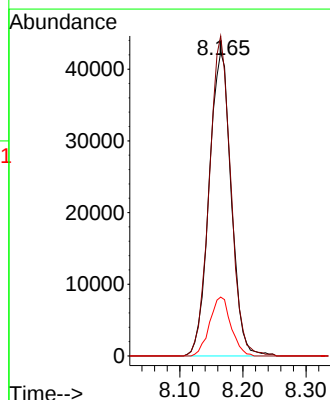
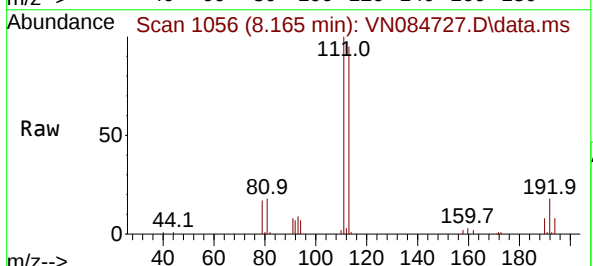
Tgt Ion:113 Resp: 103155

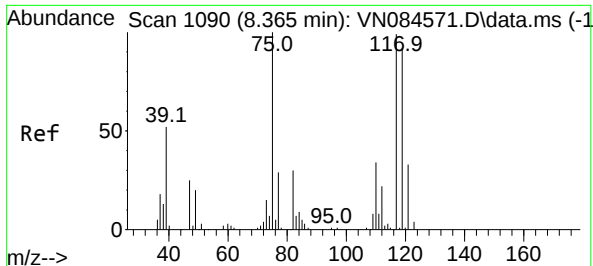
Ion Ratio Lower Upper

113 100

111 102.0 83.3 124.9

192 18.6 13.5 20.3





#36

1,1-Dichloropropene

Concen: 4.891 ug/l

RT: 8.218 min Scan# 1065

Delta R.T. -0.153 min

Lab File: VN084727.D

Acq: 07 Nov 2024 17:33

Instrument :

MSVOA_N

ClientSampleId :

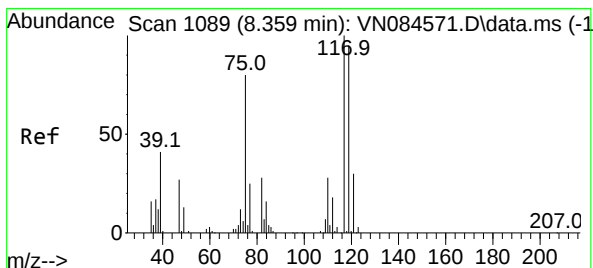
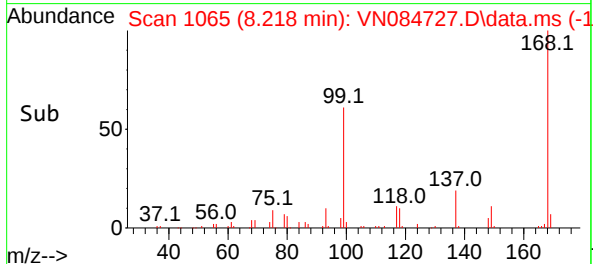
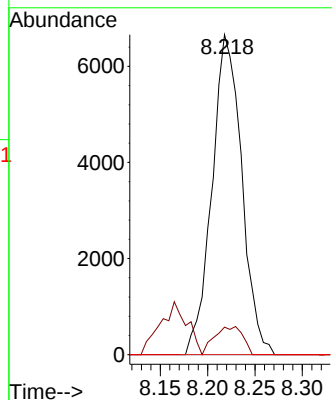
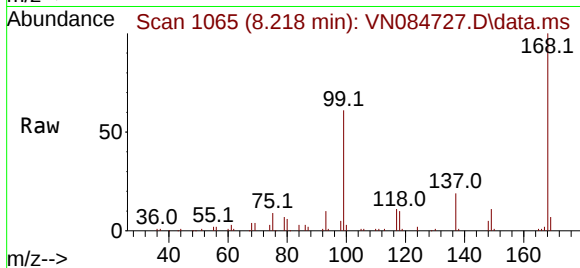
Tgt Ion: 75 Resp: 14555

Ion Ratio Lower Upper

75 100

110 8.4 16.9 50.7#

77 0.0 24.7 37.1#



#38

Carbon Tetrachloride

Concen: 5.734 ug/l

RT: 8.218 min Scan# 1065

Delta R.T. -0.141 min

Lab File: VN084727.D

Acq: 07 Nov 2024 17:33

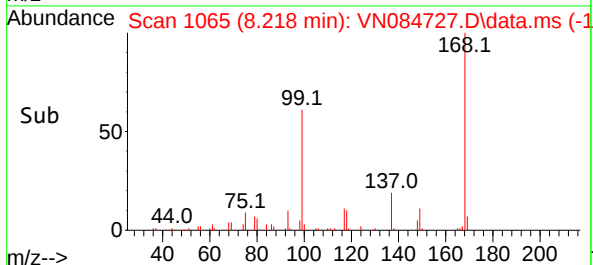
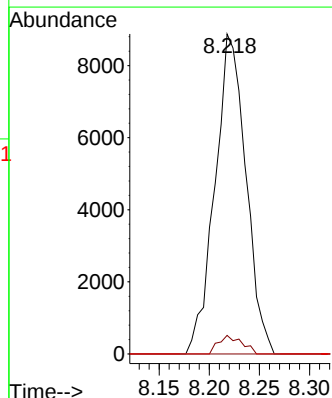
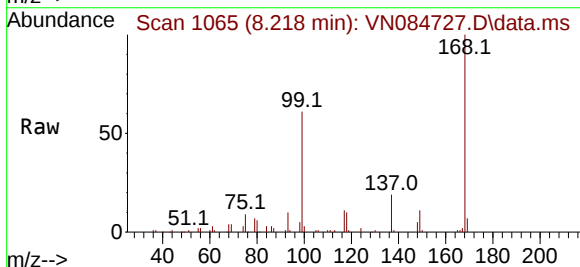
Tgt Ion: 117 Resp: 19073

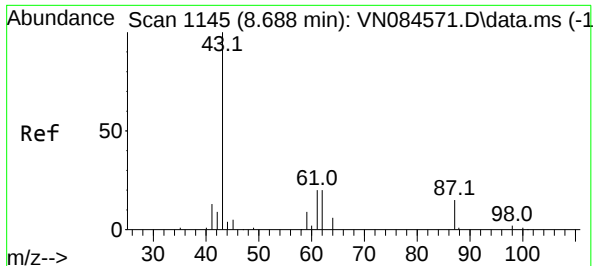
Ion Ratio Lower Upper

117 100

119 5.8 78.7 118.1#

121 0.0 24.4 36.6#





#43

Isopropyl Acetate

Concen: 0.285 ug/l

RT: 8.741 min Scan# 1145

Delta R.T. 0.053 min

Lab File: VN084727.D

Acq: 07 Nov 2024 17:33

Instrument :

MSVOA_N

ClientSampleId :

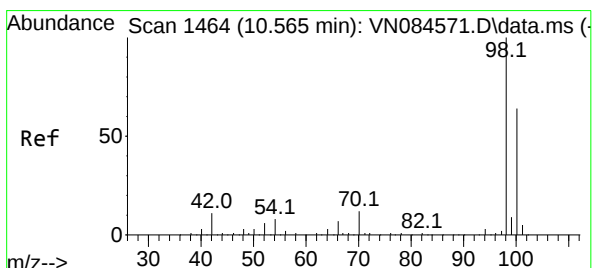
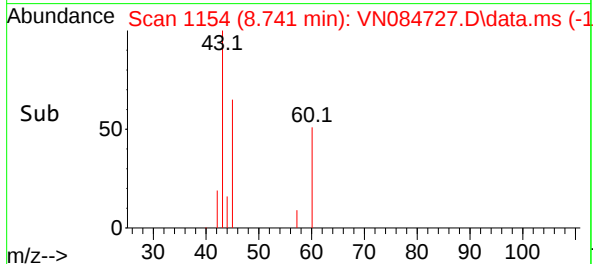
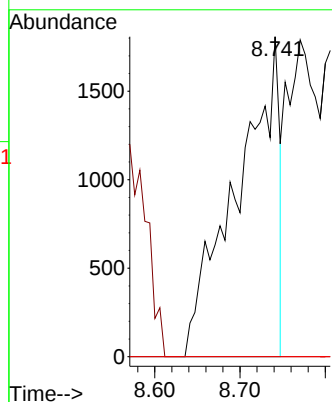
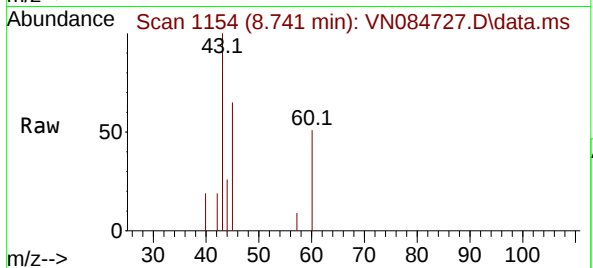
Tgt Ion: 43 Resp: 6210

Ion Ratio Lower Upper

43 100

61 0.0 20.4 30.6#

87 0.0 10.3 15.5#



#50

Toluene-d8

Concen: 46.240 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. -0.000 min

Lab File: VN084727.D

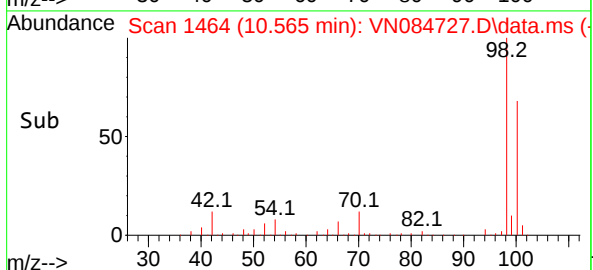
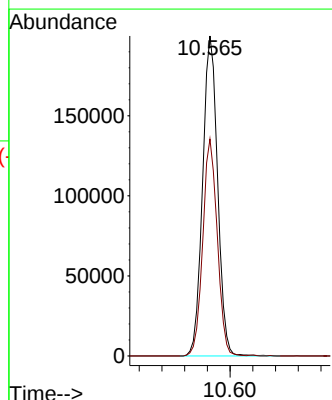
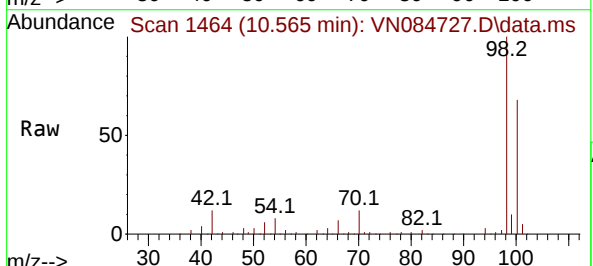
Acq: 07 Nov 2024 17:33

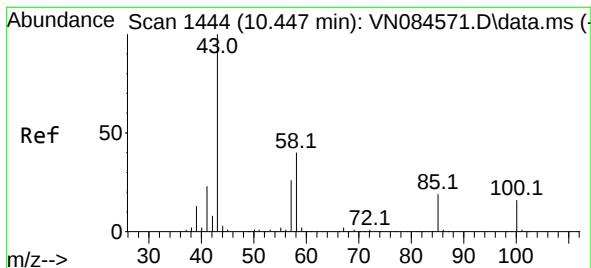
Tgt Ion: 98 Resp: 365477

Ion Ratio Lower Upper

98 100

100 65.4 52.7 79.1

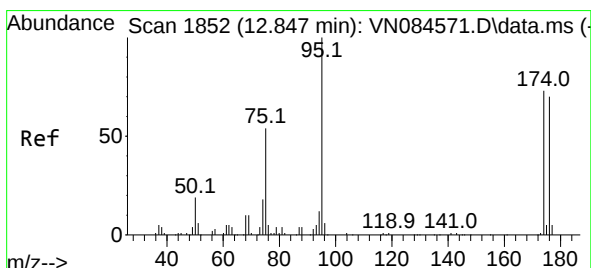
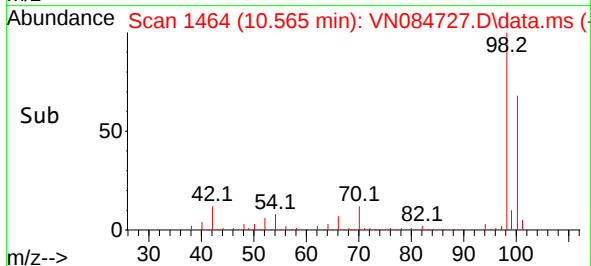
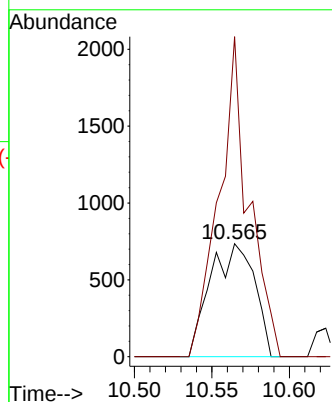
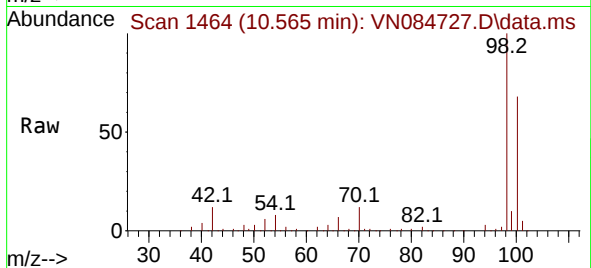




#51
4-Methyl-2-Pentanone
Concen: 0.566 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.123 min
Lab File: VN084727.D
Acq: 07 Nov 2024 17:33

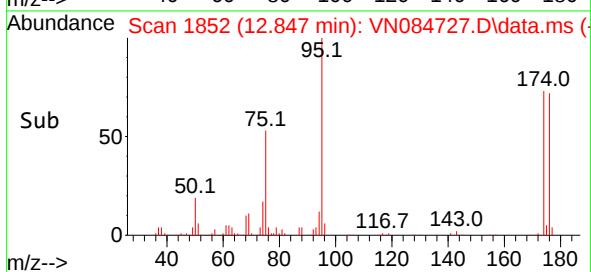
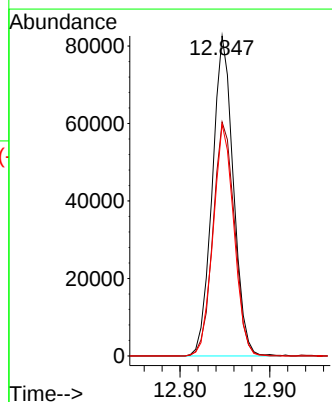
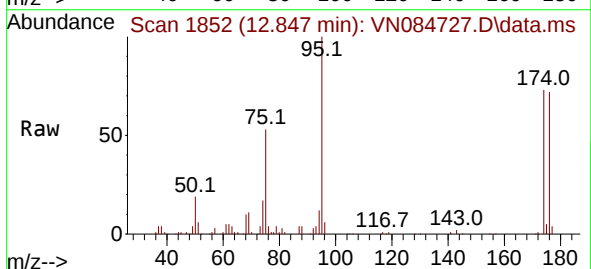
Instrument :
MSVOA_N
ClientSampleId :

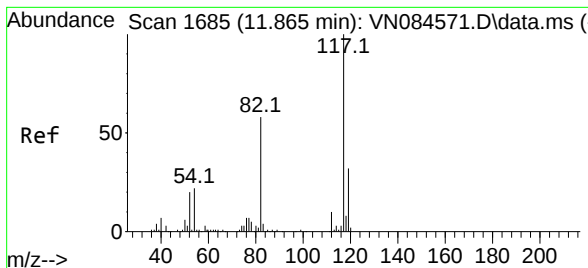
Tgt Ion: 43 Resp: 1457
Ion Ratio Lower Upper
43 100
58 190.8 31.6 47.4#



#62
4-Bromofluorobenzene
Concen: 45.580 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN084727.D
Acq: 07 Nov 2024 17:33

Tgt Ion: 95 Resp: 134642
Ion Ratio Lower Upper
95 100
174 74.6 0.0 145.2
176 71.4 0.0 140.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.865 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN084727.D

Acq: 07 Nov 2024 17:33

Instrument :

MSVOA_N

ClientSampleId :

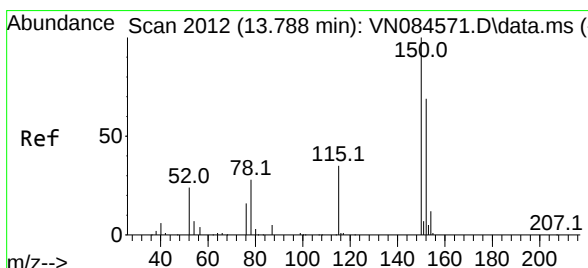
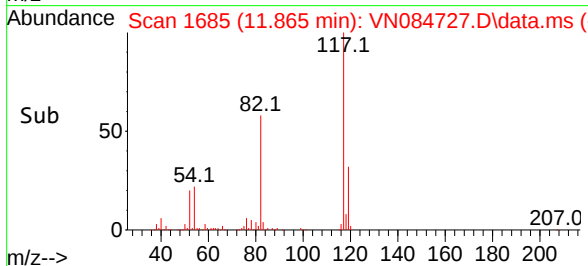
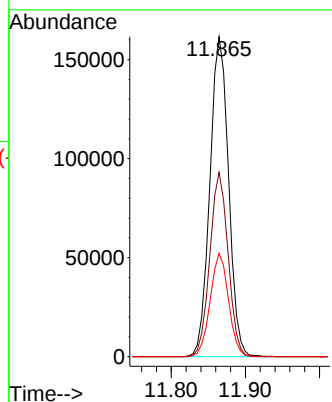
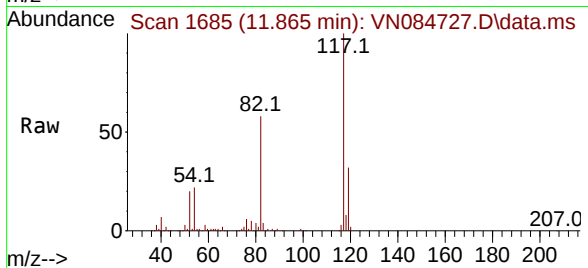
Tgt Ion:117 Resp: 283074

Ion Ratio Lower Upper

117 100

82 57.6 47.2 70.8

119 32.3 25.4 38.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 2013

Delta R.T. 0.006 min

Lab File: VN084727.D

Acq: 07 Nov 2024 17:33

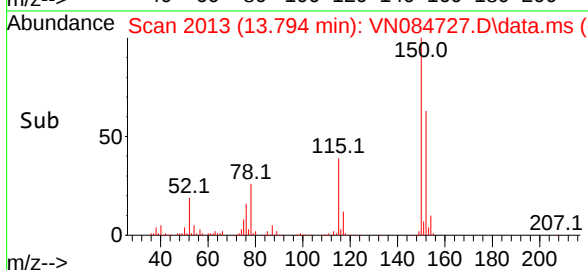
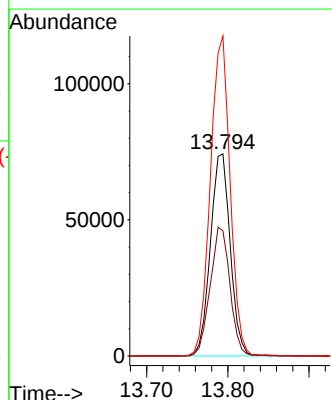
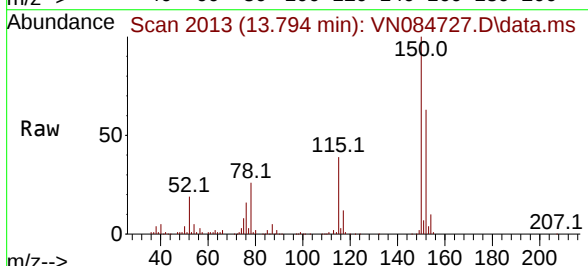
Tgt Ion:152 Resp: 125860

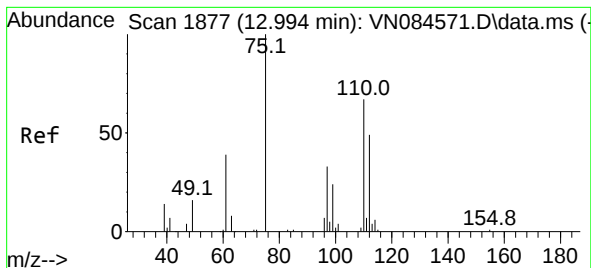
Ion Ratio Lower Upper

152 100

115 63.5 31.3 93.9

150 157.5 0.0 349.8





#76

1,2,3-Trichloropropane

Concen: 27.435 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. -0.141 min

Lab File: VN084727.D

Acq: 07 Nov 2024 17:33

Instrument :

MSVOA_N

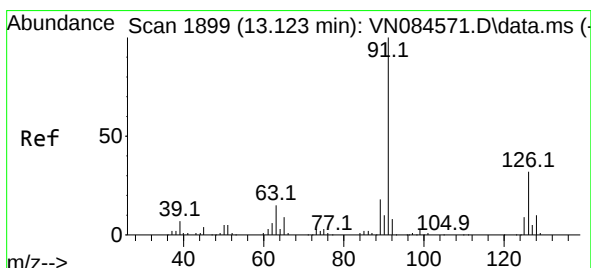
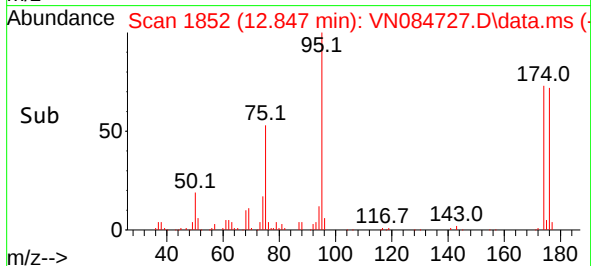
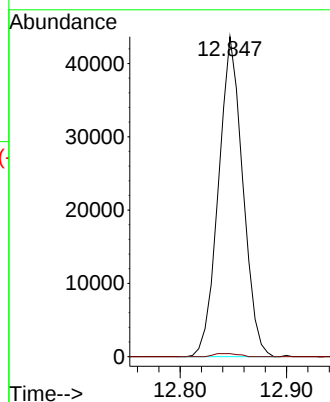
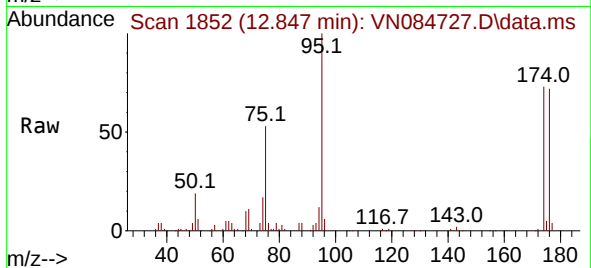
ClientSampleId :

Tgt Ion: 75 Resp: 69023

Ion Ratio Lower Upper

75 100

77 1.0 96.9 290.7#



#79

2-Chlorotoluene

Concen: 0.306 ug/l

RT: 13.035 min Scan# 1884

Delta R.T. -0.088 min

Lab File: VN084727.D

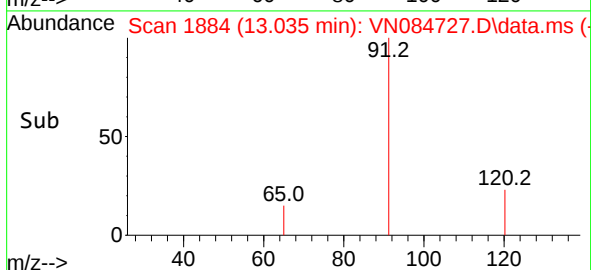
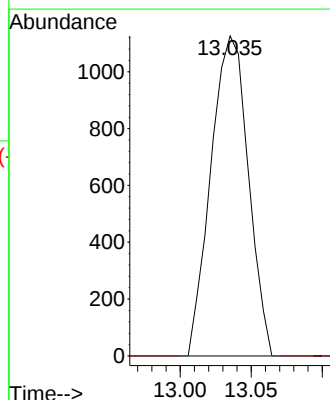
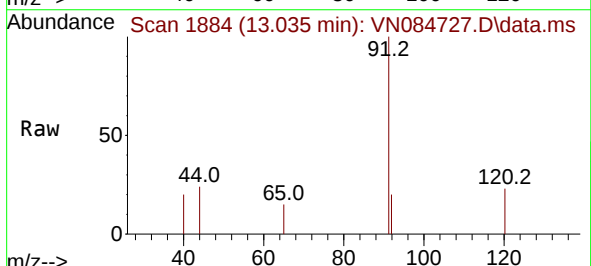
Acq: 07 Nov 2024 17:33

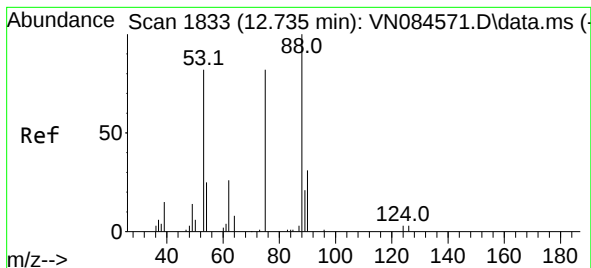
Tgt Ion: 91 Resp: 2066

Ion Ratio Lower Upper

91 100

126 0.0 15.7 47.1#

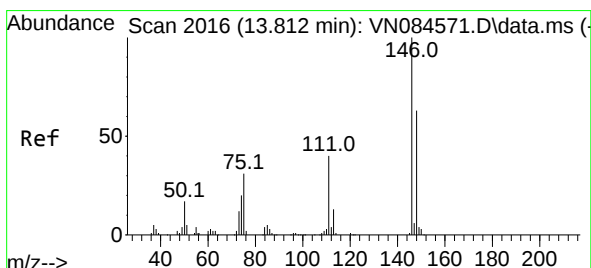
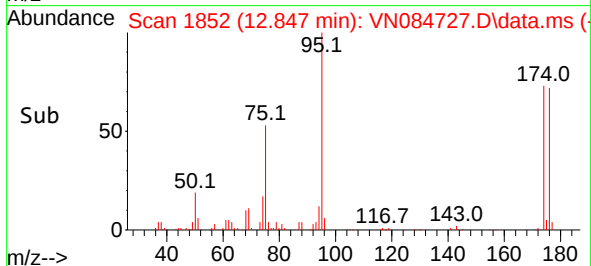
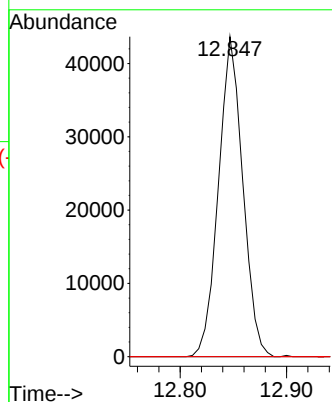
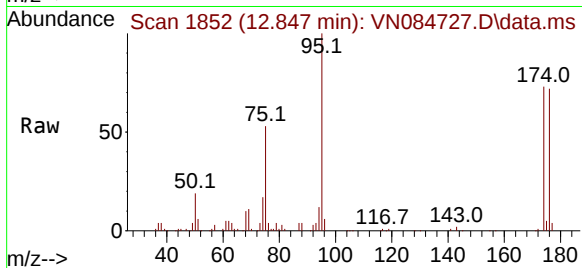




#81
trans-1,4-Dichloro-2-butene
Concen: 65.087 ug/l
RT: 12.847 min Scan# 1833
Delta R.T. 0.112 min
Lab File: VN084727.D
Acq: 07 Nov 2024 17:33

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 75 Resp: 69023
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: 13.794 min Scan# 2013
Delta R.T. -0.018 min
Lab File: VN084727.D
Acq: 07 Nov 2024 17:33

Tgt Ion:146 Resp: 349
Ion Ratio Lower Upper
146 100
111 580.8 21.2 63.6#
148 179.1 31.9 95.9#

