

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN110624\
 Data File : VN084712.D
 Acq On : 06 Nov 2024 15:38
 Operator : JC\MD
 Sample : VIBLK
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Nov 07 00:20:22 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)

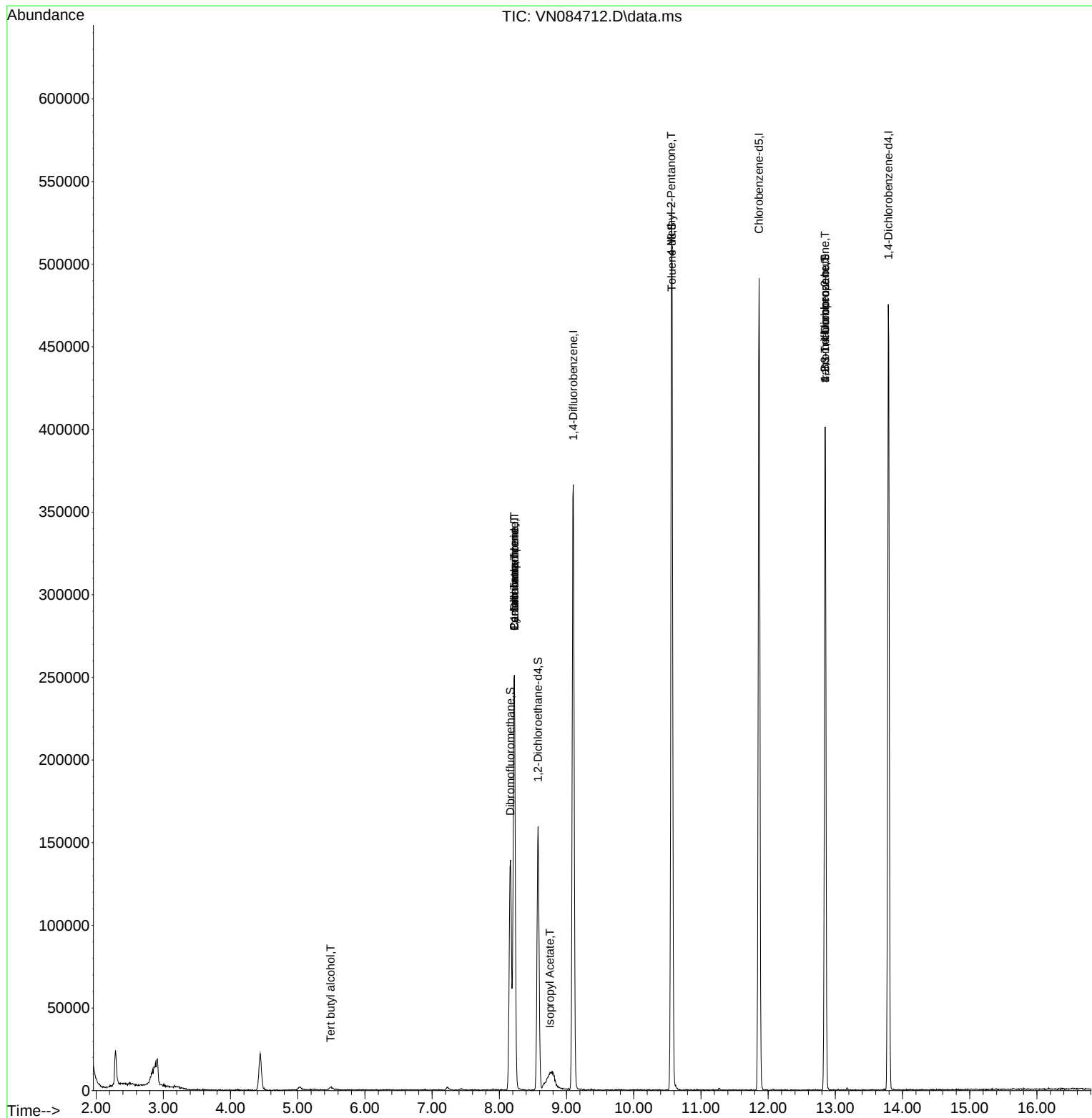
Internal Standards						
1) Pentafluorobenzene	8.224	168	184210	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	322841	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	281664	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	129671	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	128373	48.249	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	96.500%
35) Dibromofluoromethane	8.165	113	104438	47.792	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.580%
50) Toluene-d8	10.565	98	369758	45.934	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	91.860%
62) 4-Bromofluorobenzene	12.847	95	140117	46.574	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	93.140%
Target Compounds						
					Qvalue	
3) Chloromethane	2.365	50	621	Below Cal	#	60
6) Chloroethane	3.065	64	463	Below Cal	#	45
11) Tert butyl alcohol	5.489	59	1801	5.128	ug/l #	73
16) Acetone	4.442	43	433	Below Cal	#	44
18) Methyl Acetate	5.042	43	4162	Below Cal	#	73
31) Cyclohexane	8.224	56	3747	1.020	ug/l #	1
36) 1,1-Dichloropropene	8.224	75	14001	4.620	ug/l #	52
38) Carbon Tetrachloride	8.224	117	20304	5.994	ug/l #	15
43) Isopropyl Acetate	8.753	43	17334	2.495	ug/l #	56
51) 4-Methyl-2-Pentanone	10.559	43	1744	0.665	ug/l #	1
76) 1,2,3-Trichloropropane	12.847	75	71250	27.488	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	71250	65.212	ug/l #	11
88) 1,4-Dichlorobenzene	13.818	146	379	Below Cal	#	24

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

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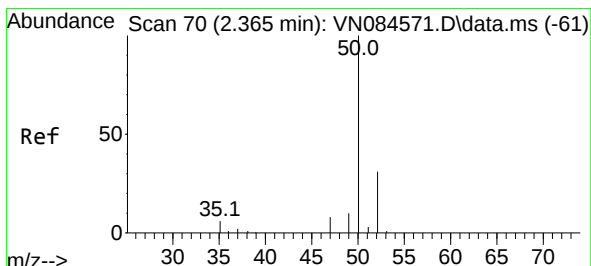
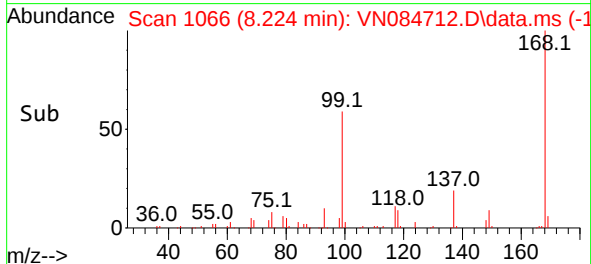
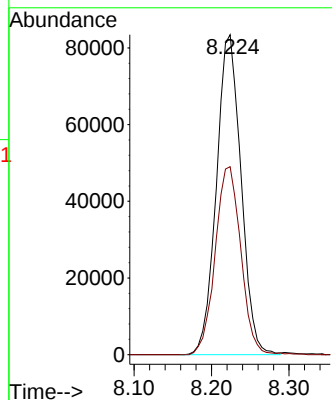
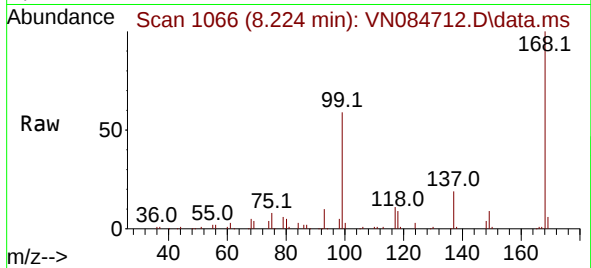




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN084712.D
Acq: 06 Nov 2024 15:38

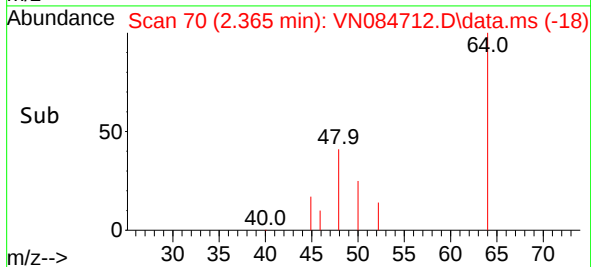
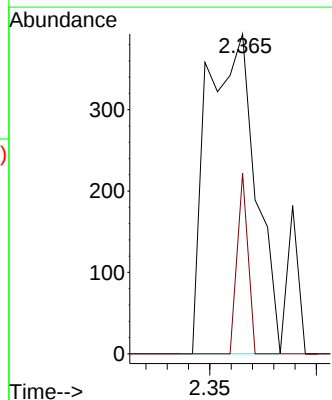
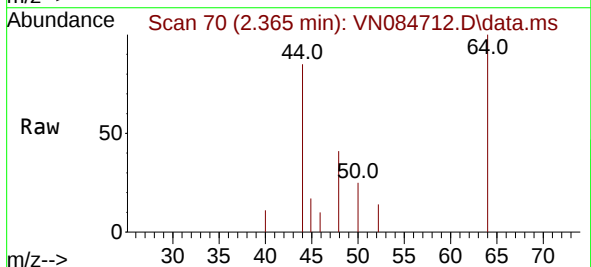
Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:168 Resp: 184210
Ion Ratio Lower Upper
168 100
99 58.7 54.2 81.2



#3
Chloromethane
Concen: Below Cal
RT: 2.365 min Scan# 70
Delta R.T. 0.006 min
Lab File: VN084712.D
Acq: 06 Nov 2024 15:38

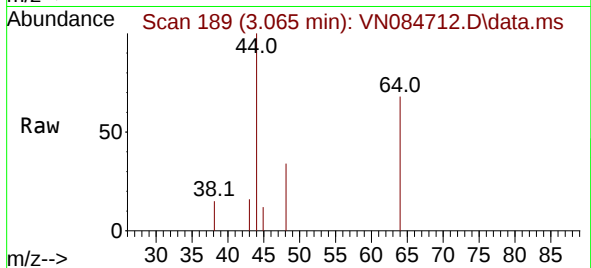
Tgt Ion: 50 Resp: 621
Ion Ratio Lower Upper
50 100
52 56.5 26.8 40.2#



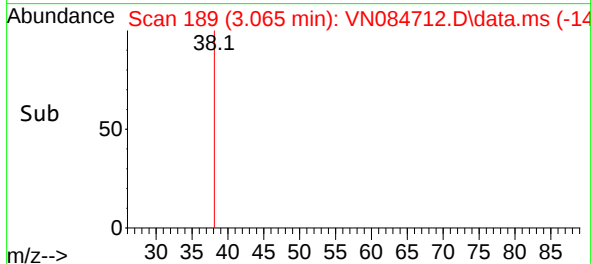
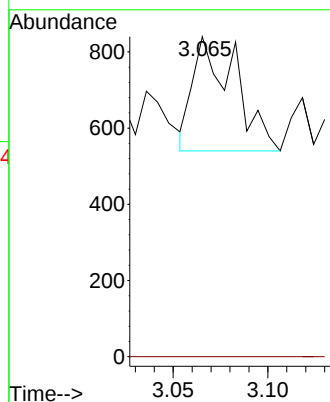


#6
Chloroethane
Concen: Below Cal
RT: 3.065 min Scan# 11
Delta R.T. -0.053 min
Lab File: VN084712.D
Acq: 06 Nov 2024 15:38

Instrument :
MSVOA_N
ClientSampleId :

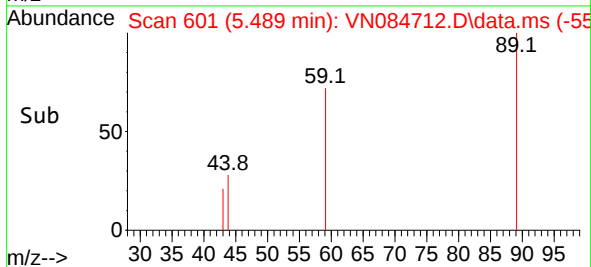
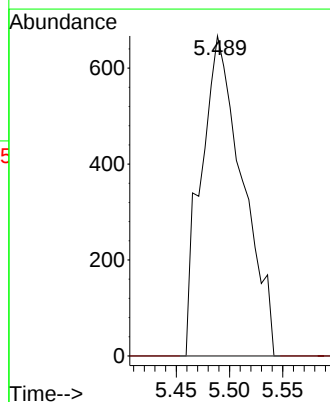
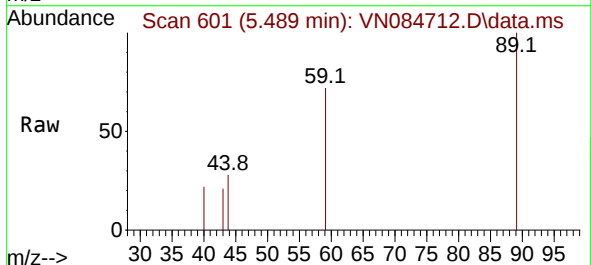


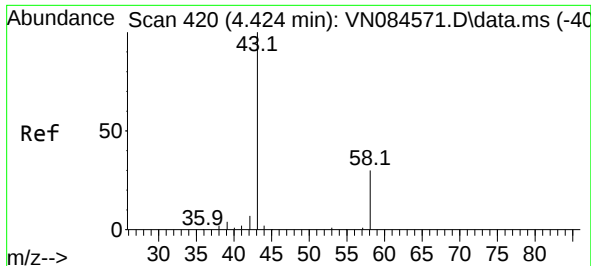
Tgt Ion: 64 Resp: 463
Ion Ratio Lower Upper
64 100
66 0.0 23.5 35.3#



#11
Tert butyl alcohol
Concen: 5.128 ug/l
RT: 5.489 min Scan# 601
Delta R.T. -0.035 min
Lab File: VN084712.D
Acq: 06 Nov 2024 15:38

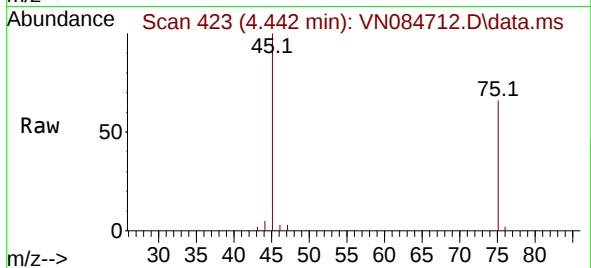
Tgt Ion: 59 Resp: 1801
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.2#



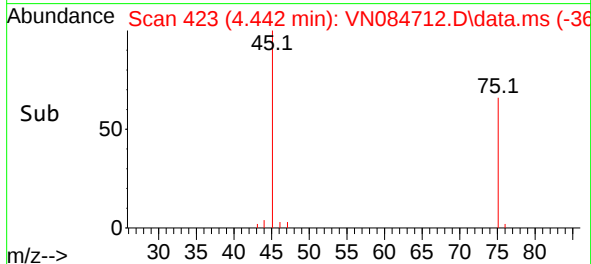
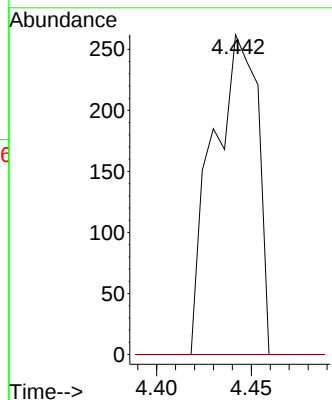


#16
Acetone
Concen: Below Cal
RT: 4.442 min Scan# 41
Delta R.T. 0.018 min
Lab File: VN084712.D
Acq: 06 Nov 2024 15:38

Instrument :
MSVOA_N
ClientSampleId :

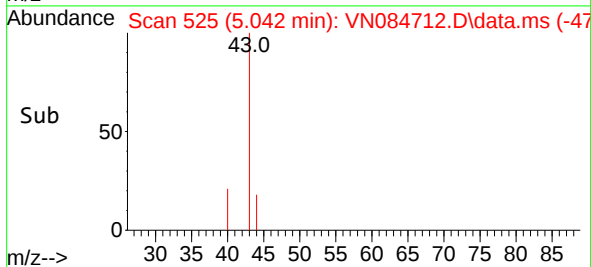
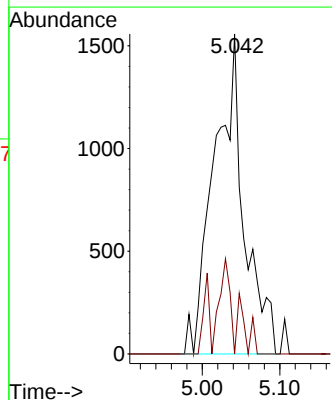
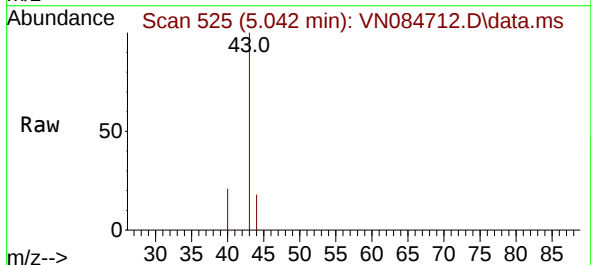


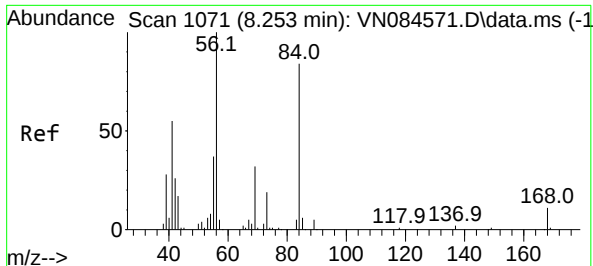
Tgt Ion: 43 Resp: 433
Ion Ratio Lower Upper
43 100
58 0.0 24.4 36.6#



#18
Methyl Acetate
Concen: Below Cal
RT: 5.042 min Scan# 525
Delta R.T. 0.024 min
Lab File: VN084712.D
Acq: 06 Nov 2024 15:38

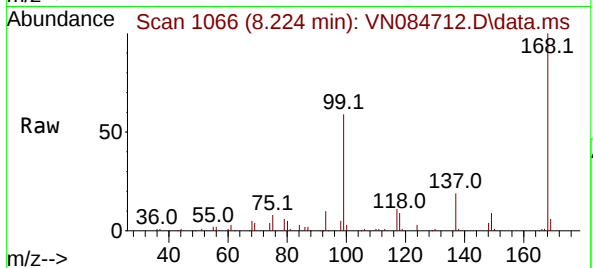
Tgt Ion: 43 Resp: 4162
Ion Ratio Lower Upper
43 100
74 10.7 19.2 28.8#



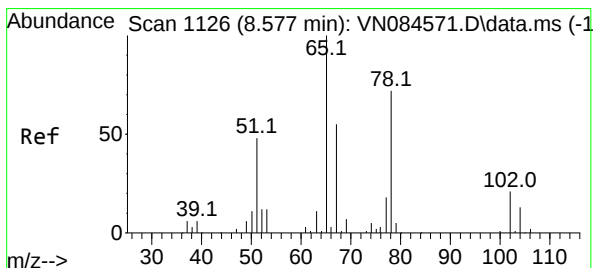
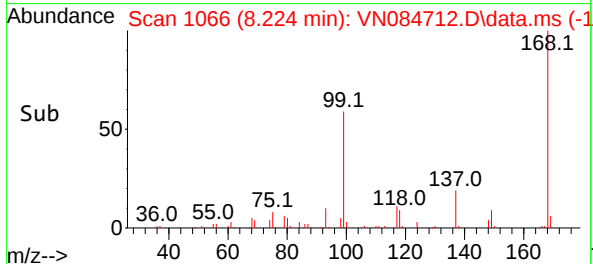
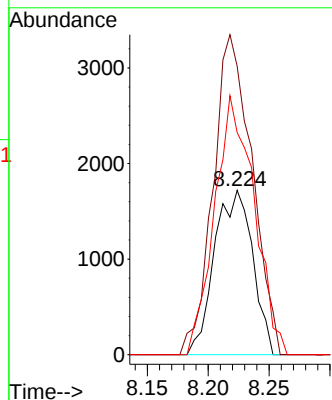


#31
Cyclohexane
Concen: 1.020 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.029 min
Lab File: VN084712.D
Acq: 06 Nov 2024 15:38

Instrument :
MSVOA_N
ClientSampleId :

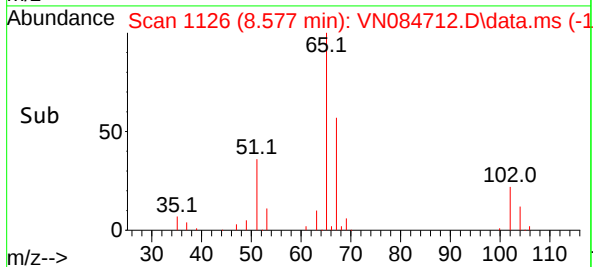
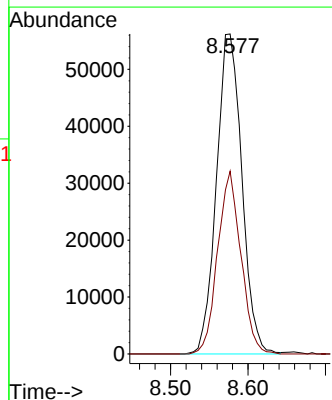
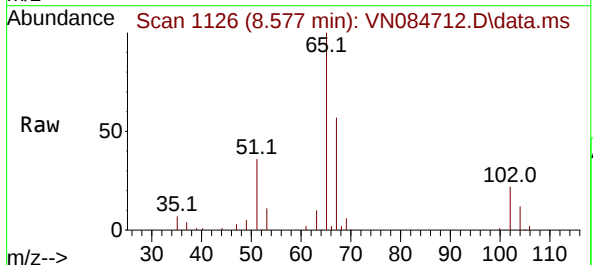


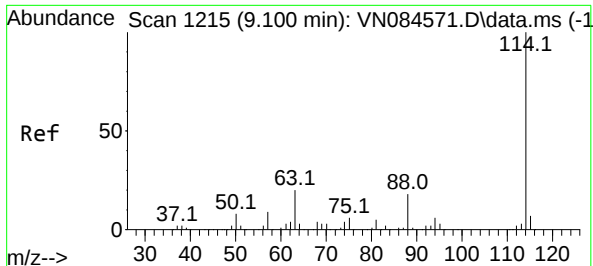
Tgt Ion: 56 Resp: 3747
Ion Ratio Lower Upper
56 100
69 175.6 23.8 35.6#
84 135.1 68.8 103.2#



#33
1,2-Dichloroethane-d4
Concen: 48.249 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN084712.D
Acq: 06 Nov 2024 15:38

Tgt Ion: 65 Resp: 128373
Ion Ratio Lower Upper
65 100
67 52.2 0.0 102.0

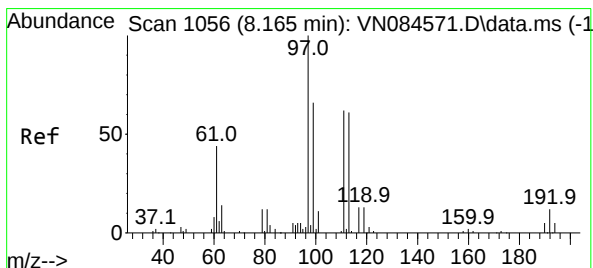
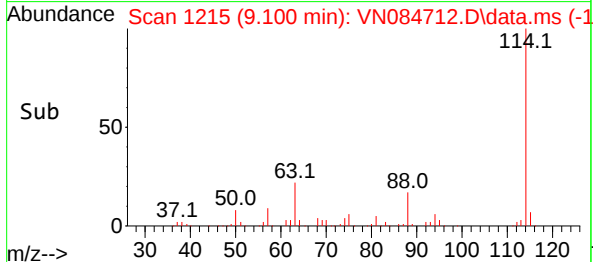
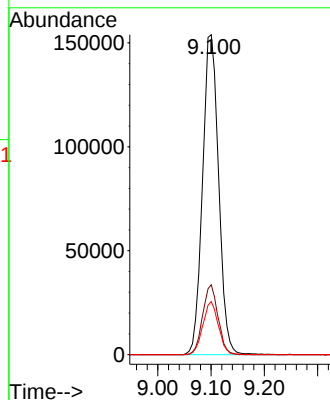
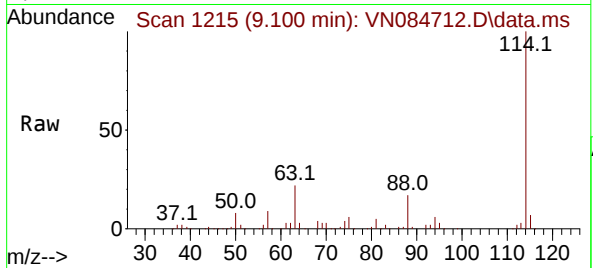




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN084712.D
Acq: 06 Nov 2024 15:38

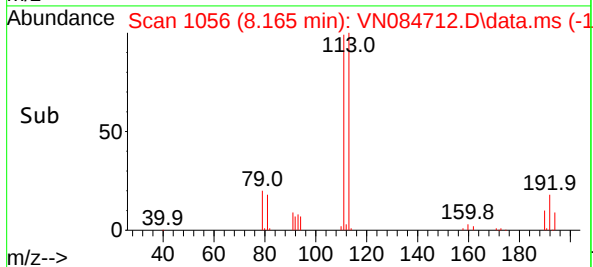
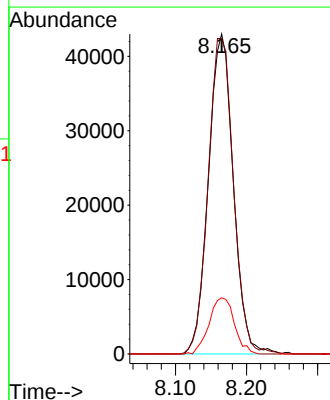
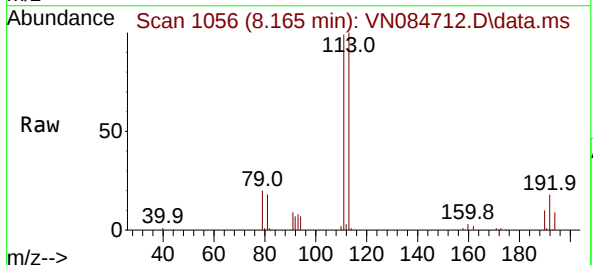
Instrument :
MSVOA_N
ClientSampleId :

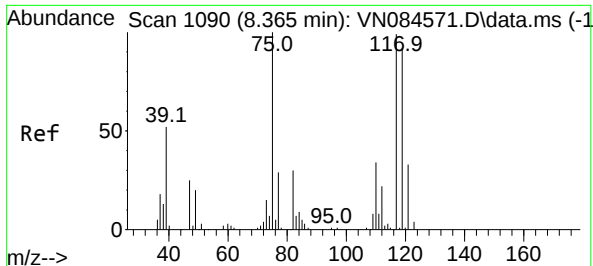
Tgt Ion:114 Resp: 322841
Ion Ratio Lower Upper
114 100
63 21.9 0.0 43.8
88 16.6 0.0 31.6



#35
Dibromofluoromethane
Concen: 47.792 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN084712.D
Acq: 06 Nov 2024 15:38

Tgt Ion:113 Resp: 104438
Ion Ratio Lower Upper
113 100
111 100.9 83.3 124.9
192 17.9 13.5 20.3





#36

1,1-Dichloropropene

Concen: 4.620 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.147 min

Lab File: VN084712.D

Acq: 06 Nov 2024 15:38

Instrument :

MSVOA_N

ClientSampleId :

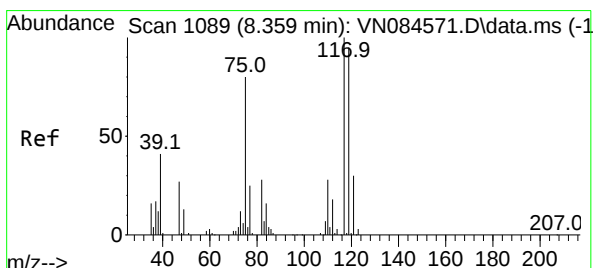
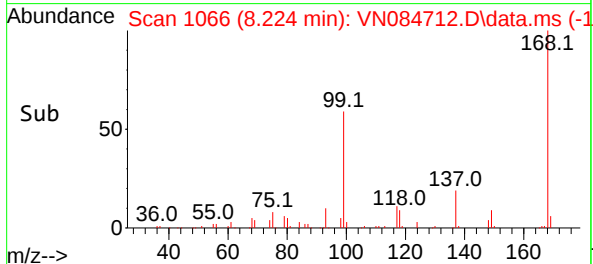
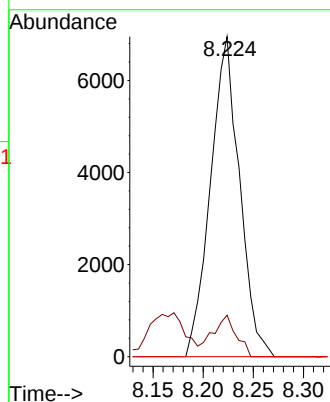
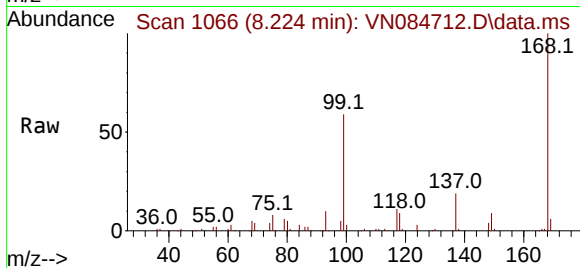
Tgt Ion: 75 Resp: 14001

Ion Ratio Lower Upper

75 100

110 10.6 16.9 50.7#

77 0.0 24.7 37.1#



#38

Carbon Tetrachloride

Concen: 5.994 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.135 min

Lab File: VN084712.D

Acq: 06 Nov 2024 15:38

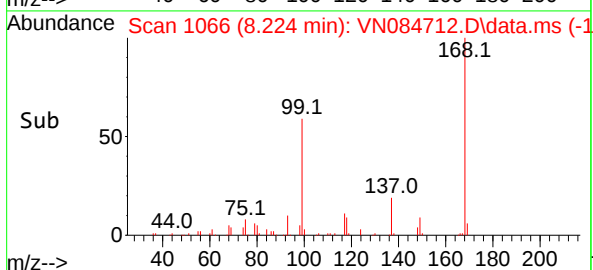
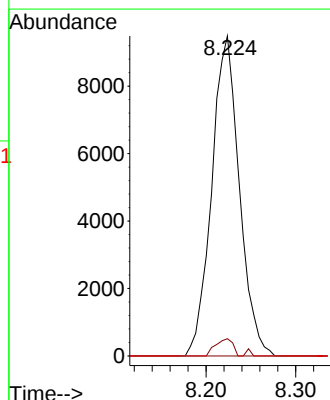
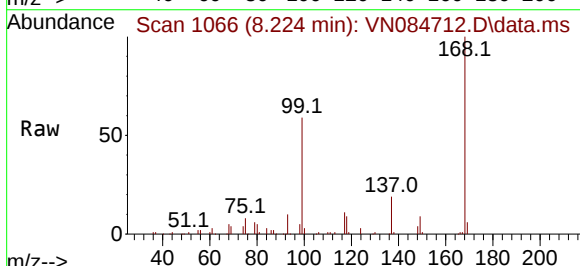
Tgt Ion: 117 Resp: 20304

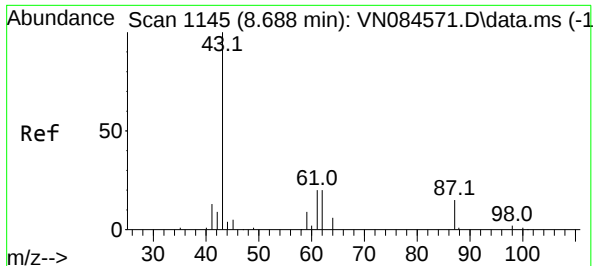
Ion Ratio Lower Upper

117 100

119 5.4 78.7 118.1#

121 0.0 24.4 36.6#





#43

Isopropyl Acetate

Concen: 2.495 ug/l

RT: 8.753 min Scan# 1145

Delta R.T. 0.065 min

Lab File: VN084712.D

Acq: 06 Nov 2024 15:38

Instrument :

MSVOA_N

ClientSampleId :

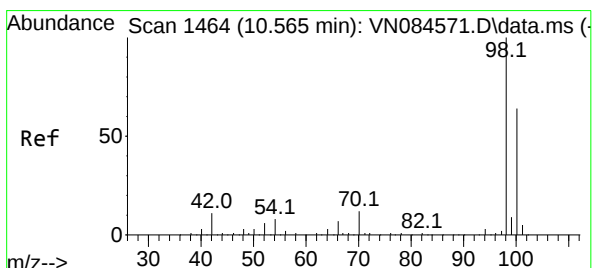
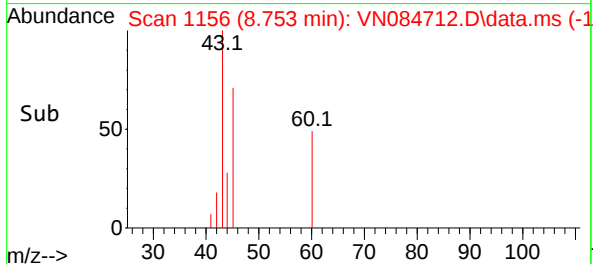
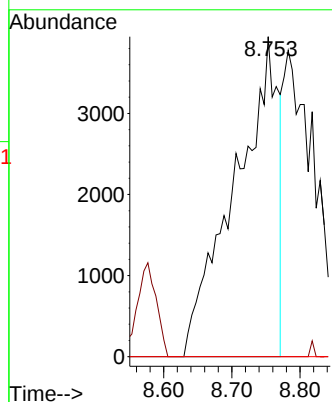
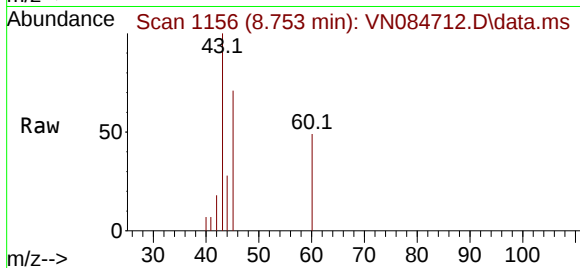
Tgt Ion: 43 Resp: 17334

Ion Ratio Lower Upper

43 100

61 0.0 20.4 30.6#

87 0.0 10.3 15.5#



#50

Toluene-d8

Concen: 45.934 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. -0.000 min

Lab File: VN084712.D

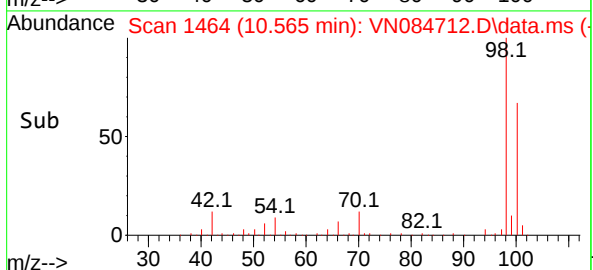
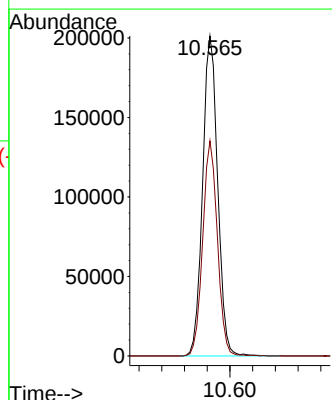
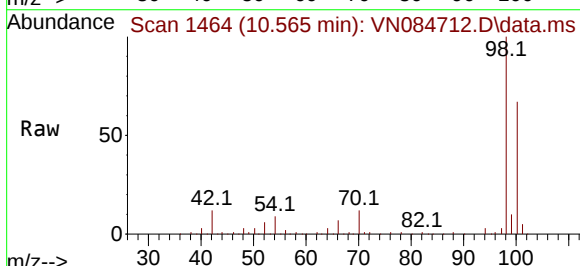
Acq: 06 Nov 2024 15:38

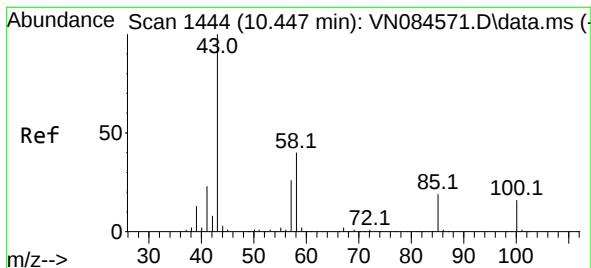
Tgt Ion: 98 Resp: 369758

Ion Ratio Lower Upper

98 100

100 65.6 52.7 79.1

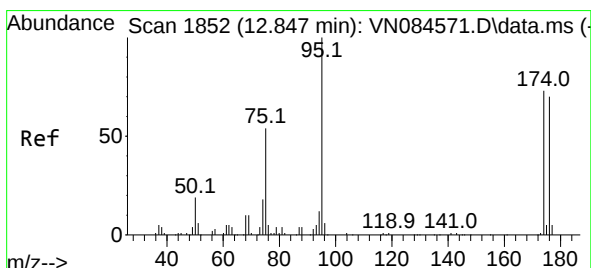
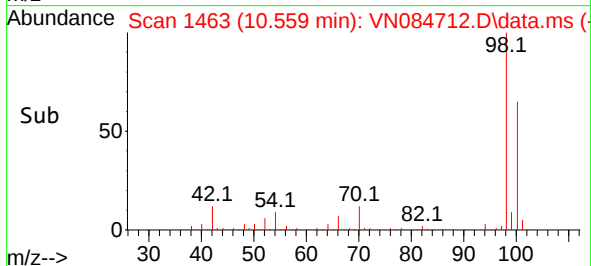
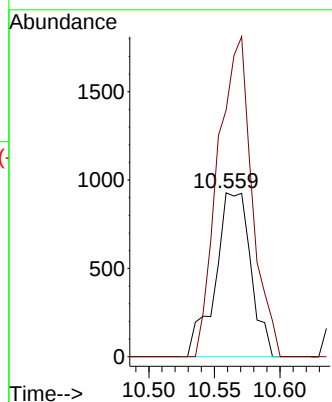
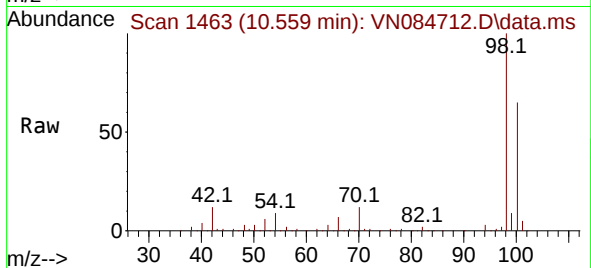




#51
4-Methyl-2-Pentanone
Concen: 0.665 ug/l
RT: 10.559 min Scan# 1444
Delta R.T. 0.118 min
Lab File: VN084712.D
Acq: 06 Nov 2024 15:38

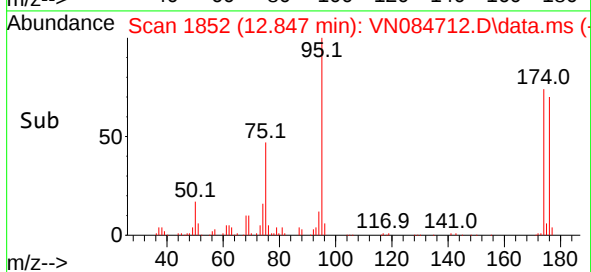
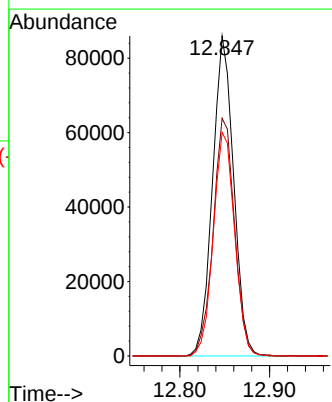
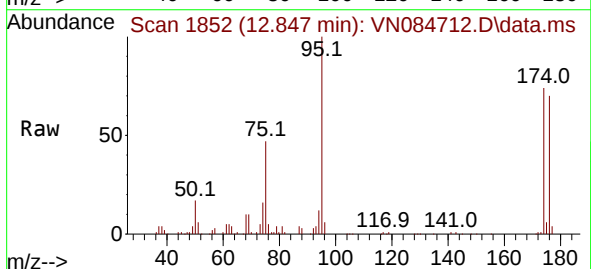
Instrument :
MSVOA_N
ClientSampleId :

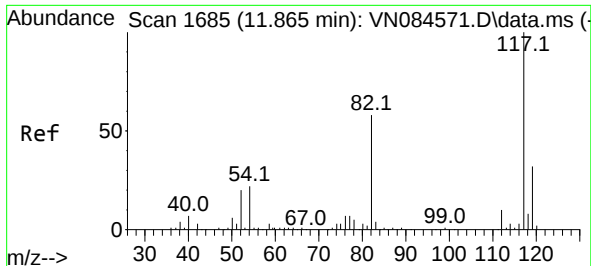
Tgt Ion: 43 Resp: 1744
Ion Ratio Lower Upper
43 100
58 188.0 31.6 47.4#



#62
4-Bromofluorobenzene
Concen: 46.574 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN084712.D
Acq: 06 Nov 2024 15:38

Tgt Ion: 95 Resp: 140117
Ion Ratio Lower Upper
95 100
174 75.3 0.0 145.2
176 70.9 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: VN084712.D

Acq: 06 Nov 2024 15:38

Instrument :

MSVOA_N

ClientSampleId :

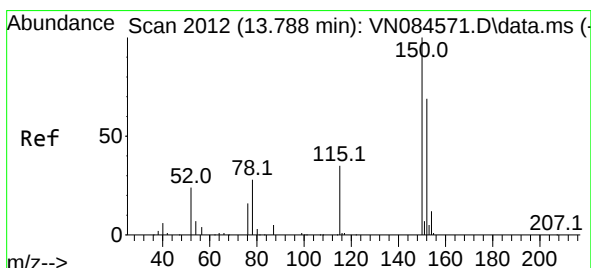
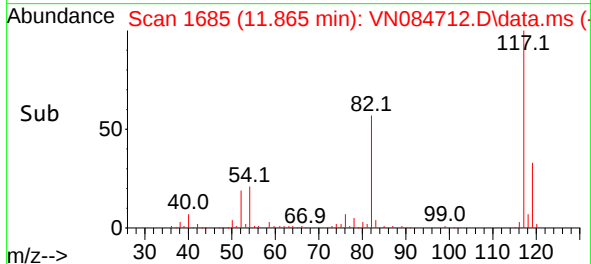
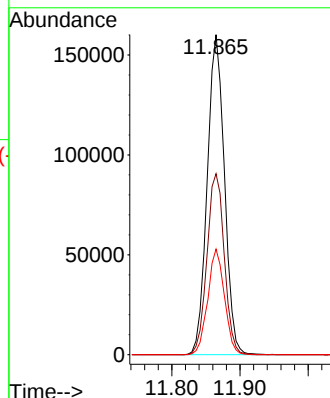
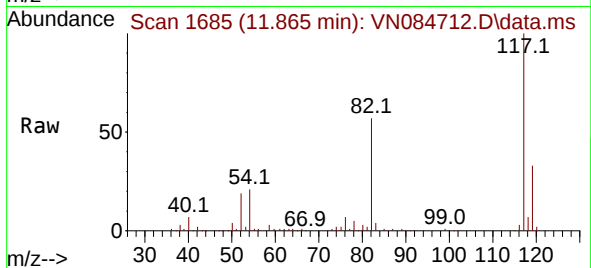
Tgt Ion:117 Resp: 281664

Ion Ratio Lower Upper

117 100

82 56.6 47.2 70.8

119 33.0 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: VN084712.D

Acq: 06 Nov 2024 15:38

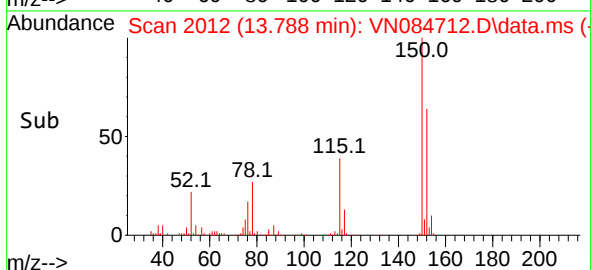
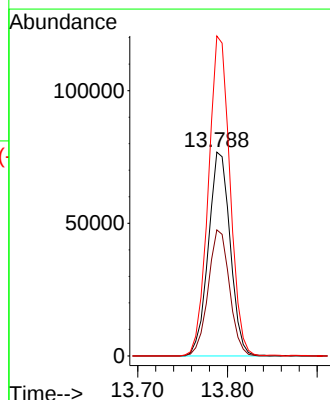
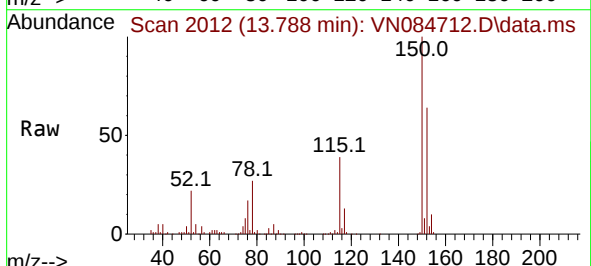
Tgt Ion:152 Resp: 129671

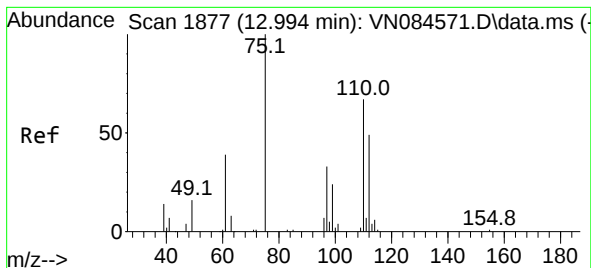
Ion Ratio Lower Upper

152 100

115 60.4 31.3 93.9

150 155.2 0.0 349.8





#76

1,2,3-Trichloropropane

Concen: 27.488 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. -0.141 min

Lab File: VN084712.D

Acq: 06 Nov 2024 15:38

Instrument :

MSVOA_N

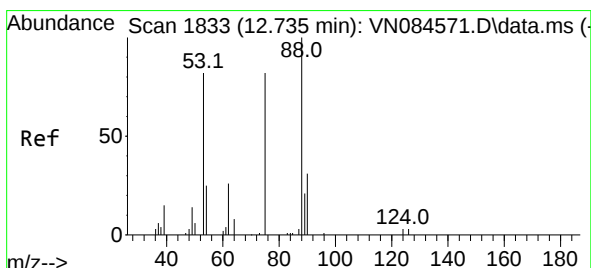
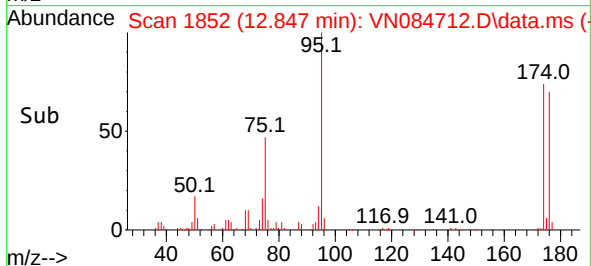
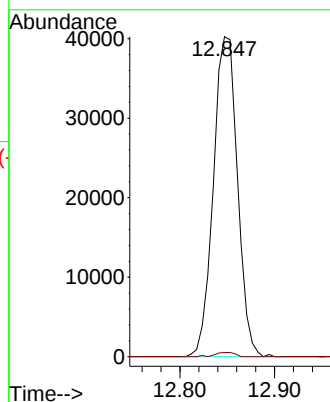
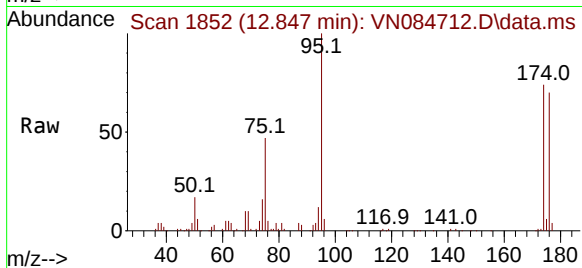
ClientSampleId :

Tgt Ion: 75 Resp: 71250

Ion Ratio Lower Upper

75 100

77 1.1 96.9 290.7#



#81

trans-1,4-Dichloro-2-butene

Concen: 65.212 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. 0.112 min

Lab File: VN084712.D

Acq: 06 Nov 2024 15:38

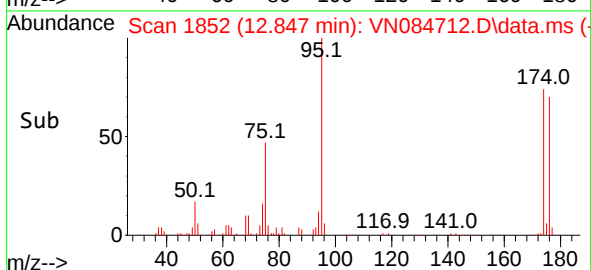
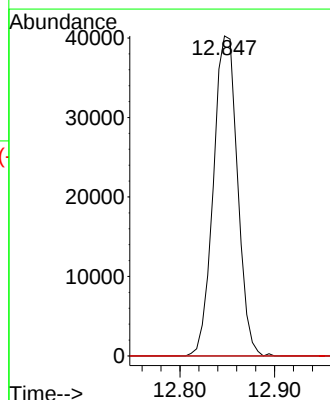
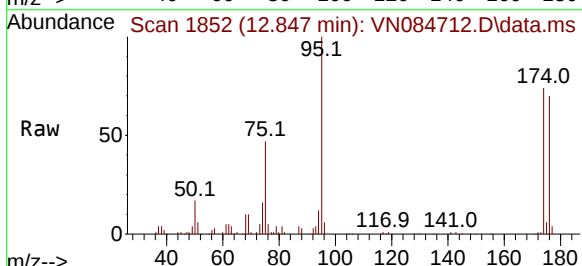
Tgt Ion: 75 Resp: 71250

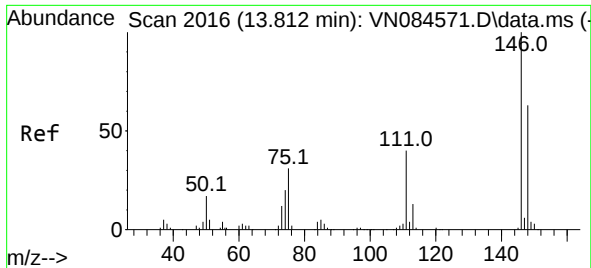
Ion Ratio Lower Upper

75 100

53 0.0 78.0 117.0#

89 0.0 35.5 53.3#





#88

1,4-Dichlorobenzene

Concen: Below Cal

RT: 13.818 min Scan# 20

Delta R.T. 0.006 min

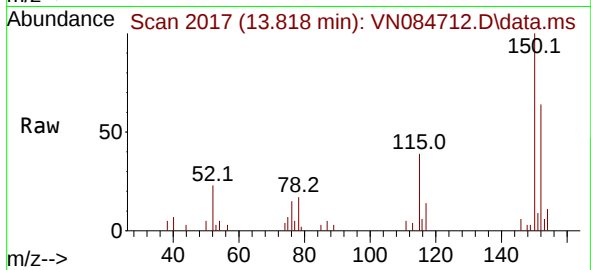
Lab File: VN084712.D

Acq: 06 Nov 2024 15:38

Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion:146 Resp: 379

Ion Ratio Lower Upper

146 100

111 0.0 21.2 63.6#

148 0.0 31.9 95.9#

