

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN100224\
 Data File : VN084274.D
 Acq On : 02 Oct 2024 18:57
 Operator : JC\MD
 Sample : P4226-17
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Oct 03 02:03:59 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N093024W.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 01 07:11:01 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

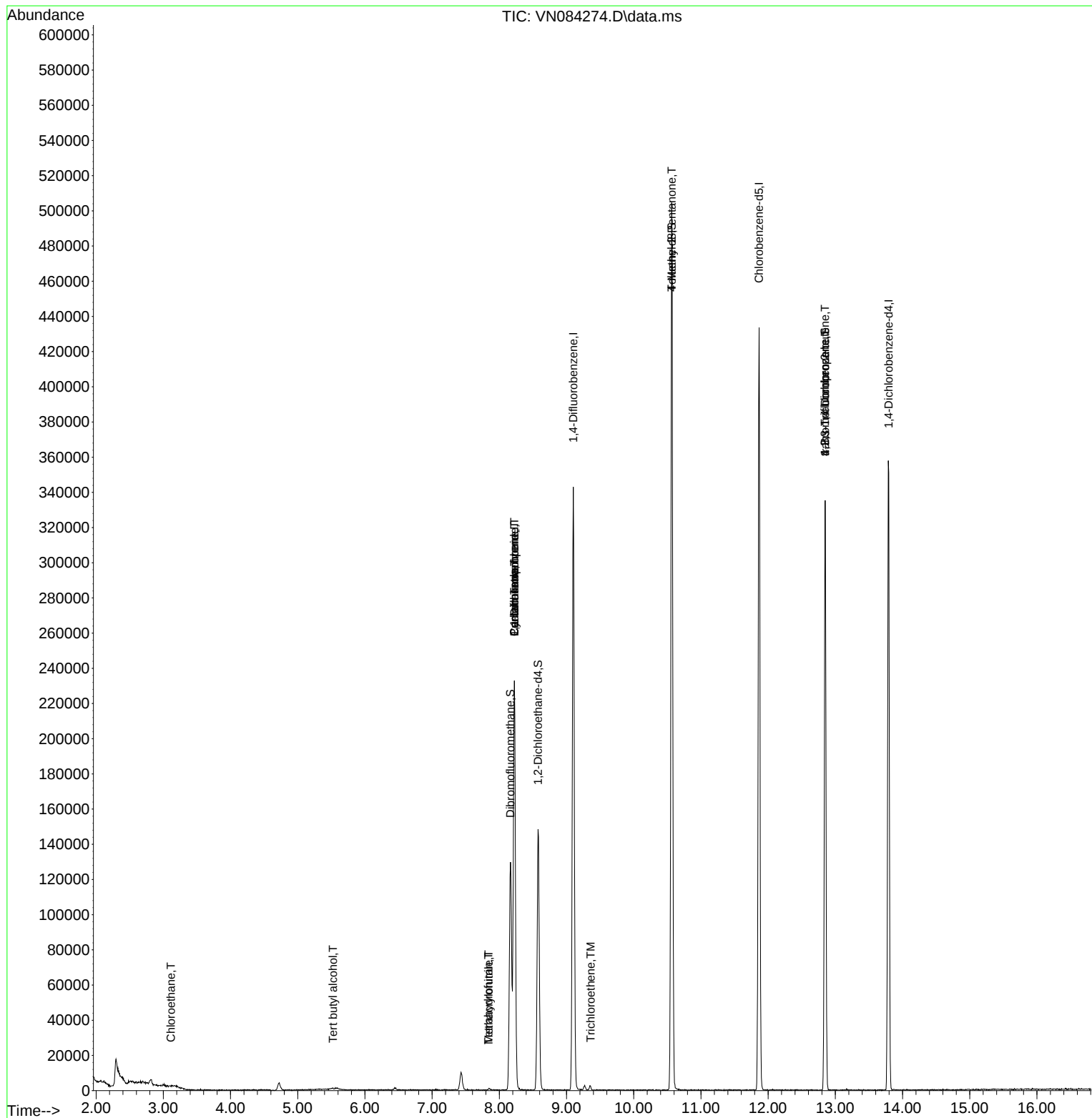
Internal Standards						
1) Pentafluorobenzene	8.224	168	159736	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	283406	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	244524	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	96610	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	121631	51.356	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 102.720%	
35) Dibromofluoromethane	8.165	113	93758	50.181	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 100.360%	
50) Toluene-d8	10.565	98	343085	49.910	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 99.820%	
62) 4-Bromofluorobenzene	12.847	95	115108	45.965	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 91.920%	
Target Compounds						
					Qvalue	
6) Chloroethane	3.112	64	435	0.291	ug/l #	45
11) Tert butyl alcohol	5.524	59	181	0.463	ug/l #	73
29) Tetrahydrofuran	7.836	42	185	0.216	ug/l #	34
31) Cyclohexane	8.224	56	3962	1.129	ug/l #	13
36) 1,1-Dichloropropene	8.224	75	14791	5.450	ug/l #	51
38) Carbon Tetrachloride	8.224	117	17783	5.973	ug/l #	16
41) Methacrylonitrile	7.842	41	308	0.204	ug/l #	35
44) Trichloroethene	9.359	130	859	0.435	ug/l	96
51) 4-Methyl-2-Pentanone	10.565	43	1501	0.566	ug/l #	1
76) 1,2,3-Trichloropropane	12.847	75	61536	31.200	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	61536	74.800	ug/l #	11

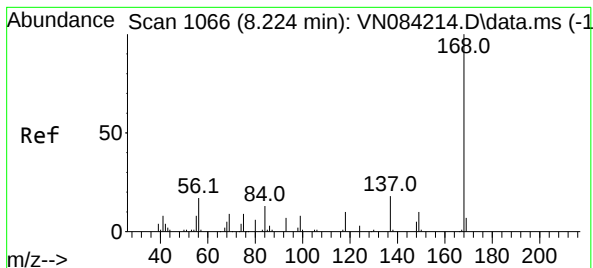
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN100224\
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N093024W.M
Quant Title : SW846 8260
QLast Update : Tue Oct 01 07:11:01 2024
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.224 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN084274.D

Acq: 02 Oct 2024 18:57

Instrument :

MSVOA_N

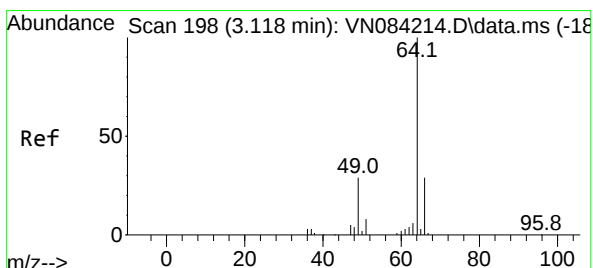
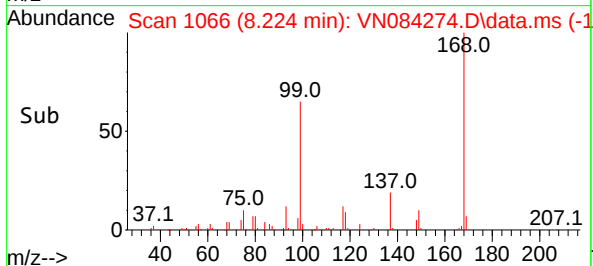
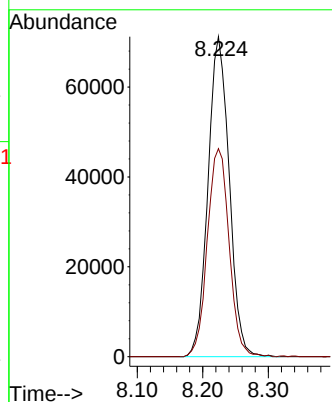
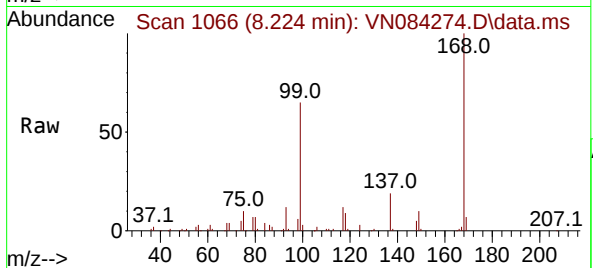
ClientSampleId :

Tgt Ion:168 Resp: 159736

Ion Ratio Lower Upper

168 100

99 65.0 54.2 81.2



#6

Chloroethane

Concen: 0.291 ug/l

RT: 3.112 min Scan# 197

Delta R.T. -0.006 min

Lab File: VN084274.D

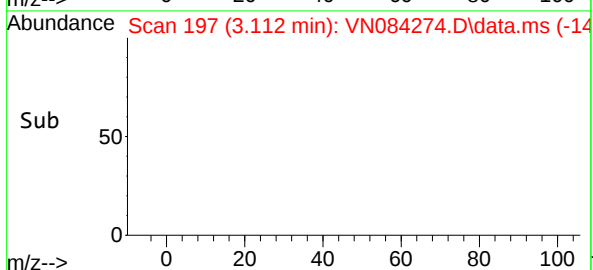
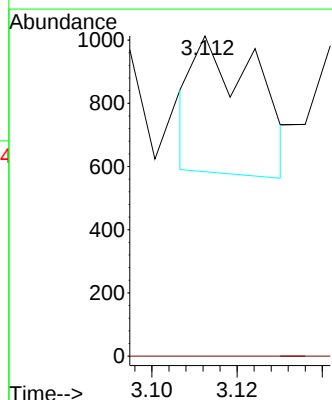
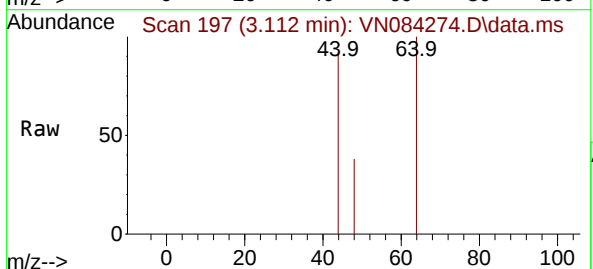
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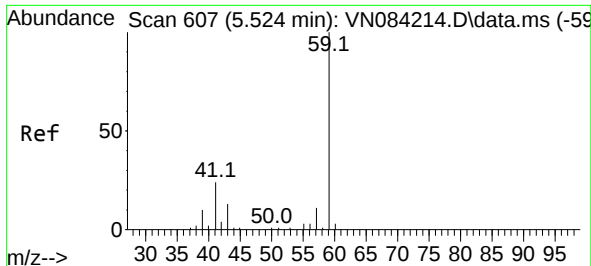
Tgt Ion: 64 Resp: 435

Ion Ratio Lower Upper

64 100

66 0.0 23.5 35.3#

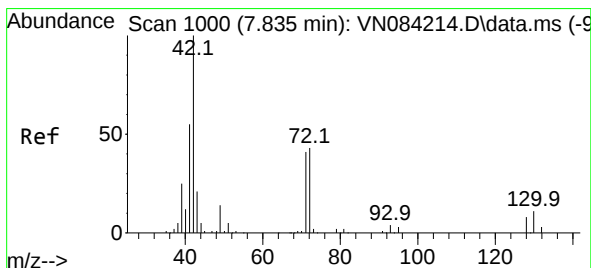
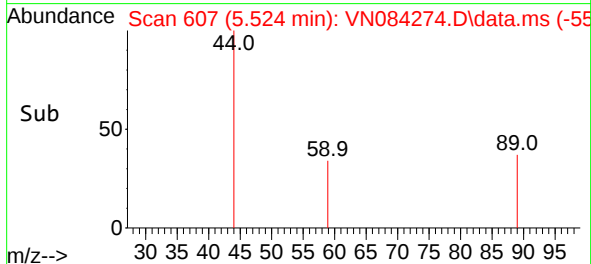
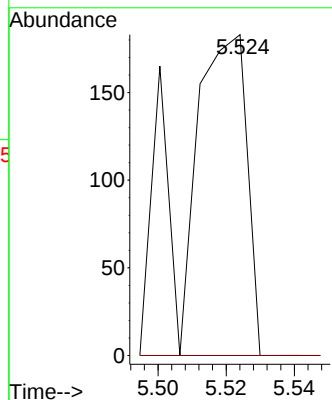
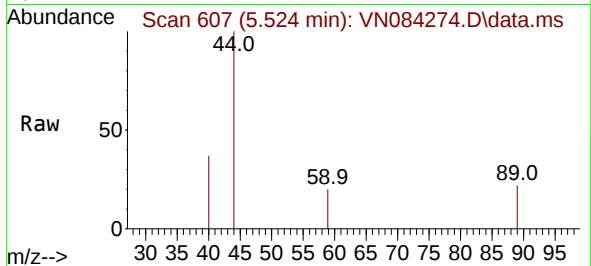




#11
Tert butyl alcohol
Concen: 0.463 ug/l
RT: 5.524 min Scan# 607
Delta R.T. 0.000 min
Lab File: VN084274.D
Acq: 02 Oct 2024 18:57

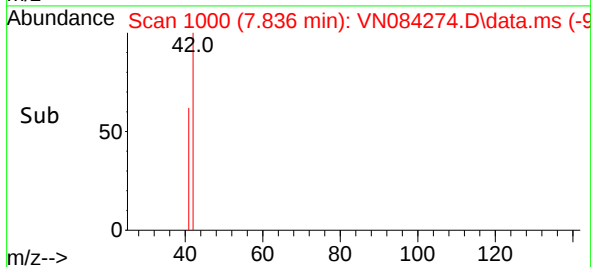
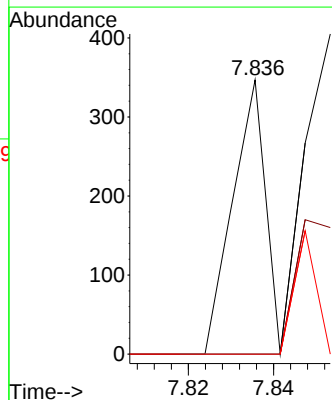
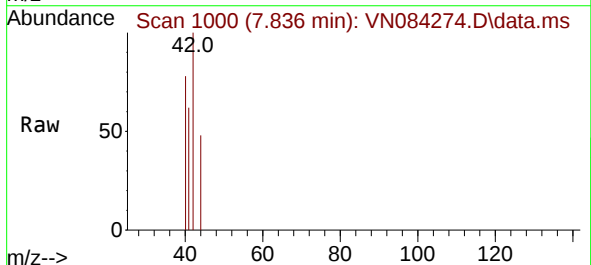
Instrument :
MSVOA_N
ClientSampleId :

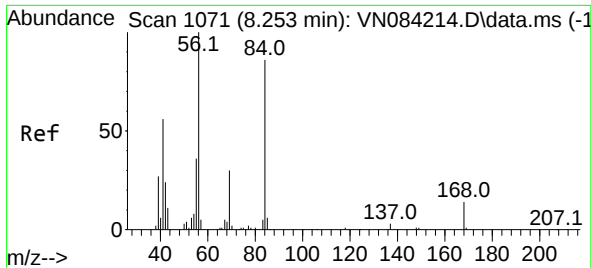
Tgt Ion: 59 Resp: 181
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.2#



#29
Tetrahydrofuran
Concen: 0.216 ug/l
RT: 7.836 min Scan# 1000
Delta R.T. 0.000 min
Lab File: VN084274.D
Acq: 02 Oct 2024 18:57

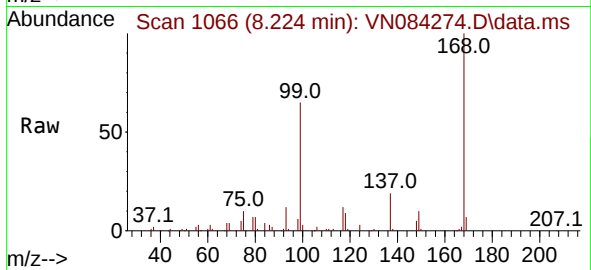
Tgt Ion: 42 Resp: 185
Ion Ratio Lower Upper
42 100
72 0.0 34.6 51.8#
71 0.0 32.2 48.4#



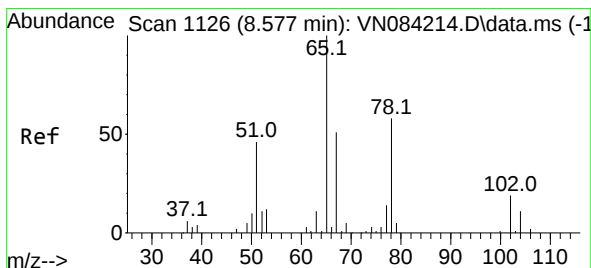
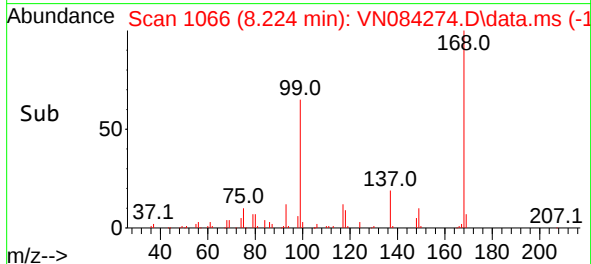
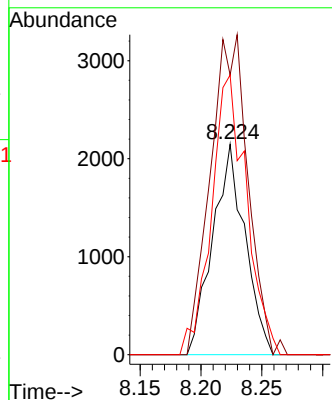


#31
Cyclohexane
Concen: 1.129 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.029 min
Lab File: VN084274.D
Acq: 02 Oct 2024 18:57

Instrument :
MSVOA_N
ClientSampleId :

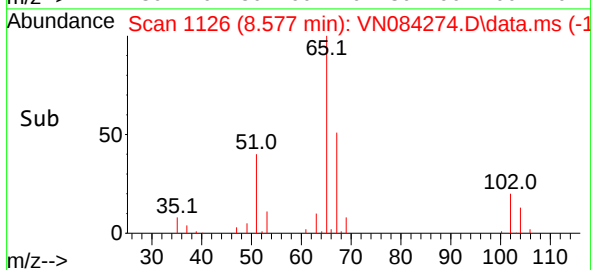
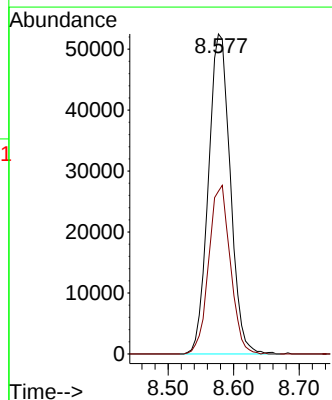
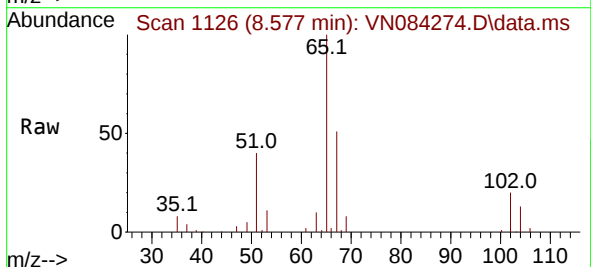


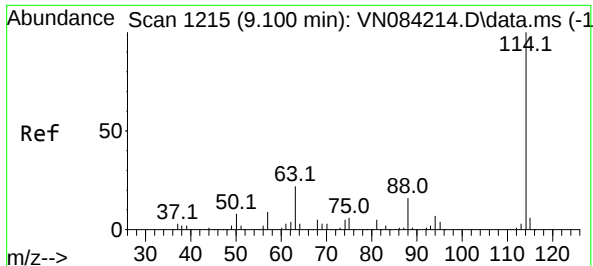
Tgt Ion: 56 Resp: 3962
Ion Ratio Lower Upper
56 100
69 132.9 23.8 35.6#
84 133.0 68.8 103.2#



#33
1,2-Dichloroethane-d4
Concen: 51.356 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VN084274.D
Acq: 02 Oct 2024 18:57

Tgt Ion: 65 Resp: 121631
Ion Ratio Lower Upper
65 100
67 52.0 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: VN084274.D

Acq: 02 Oct 2024 18:57

Instrument :

MSVOA_N

ClientSampleId :

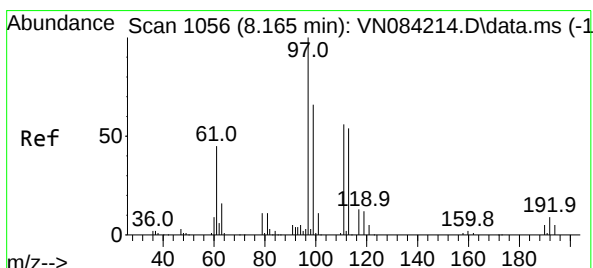
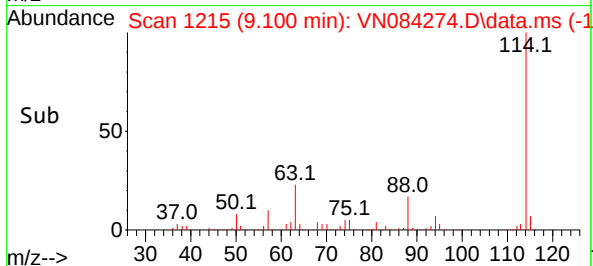
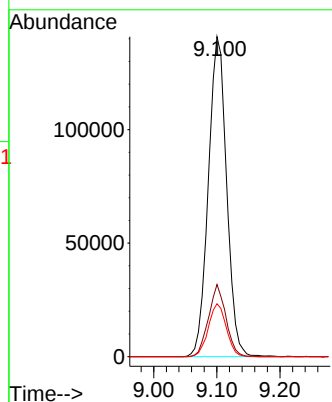
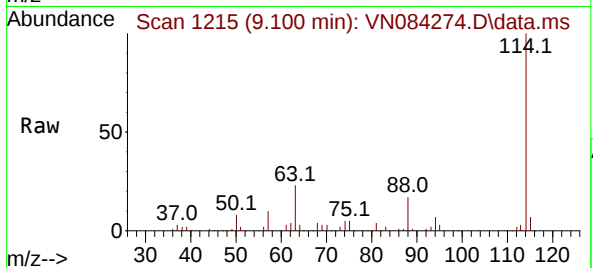
Tgt Ion:114 Resp: 283406

Ion Ratio Lower Upper

114 100

63 22.6 0.0 43.8

88 16.6 0.0 31.6



#35

Dibromofluoromethane

Concen: 50.181 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. 0.000 min

Lab File: VN084274.D

Acq: 02 Oct 2024 18:57

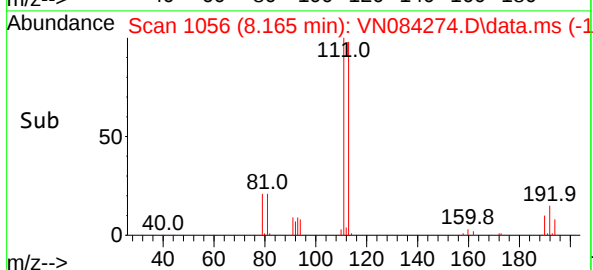
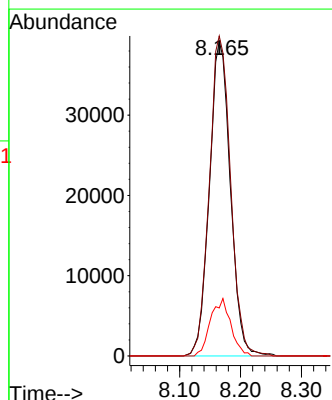
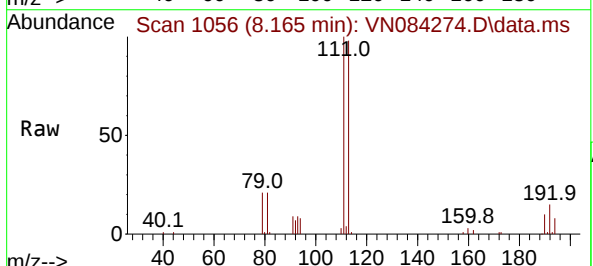
Tgt Ion:113 Resp: 93758

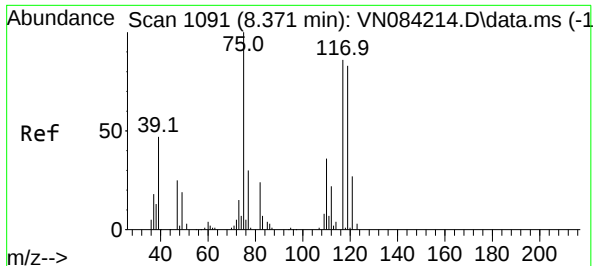
Ion Ratio Lower Upper

113 100

111 103.3 83.3 124.9

192 17.8 13.5 20.3





#36

1,1-Dichloropropene

Concen: 5.450 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.147 min

Lab File: VN084274.D

Acq: 02 Oct 2024 18:57

Instrument :

MSVOA_N

ClientSampleId :

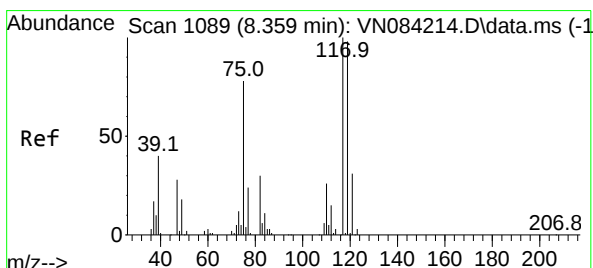
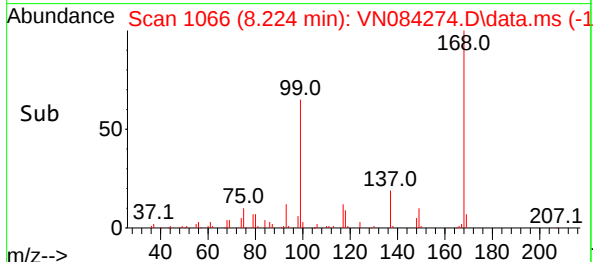
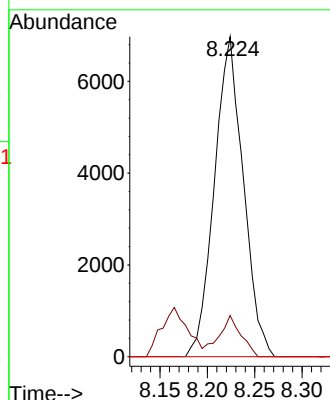
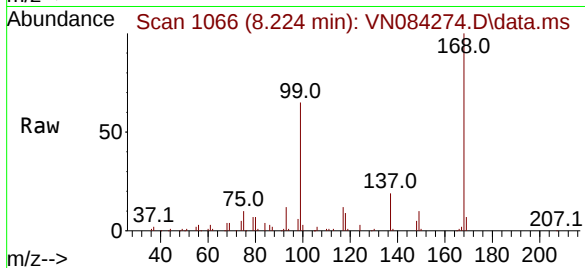
Tgt Ion: 75 Resp: 14791

Ion Ratio Lower Upper

75 100

110 9.2 16.9 50.7#

77 0.0 24.7 37.1#



#38

Carbon Tetrachloride

Concen: 5.973 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.135 min

Lab File: VN084274.D

Acq: 02 Oct 2024 18:57

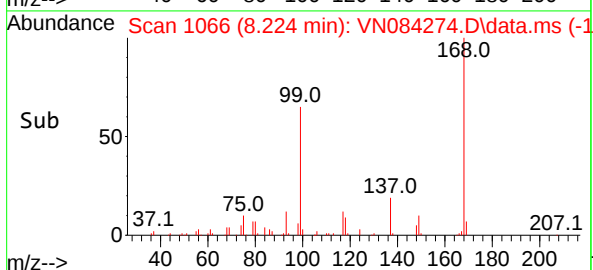
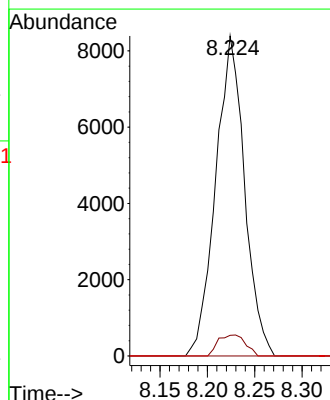
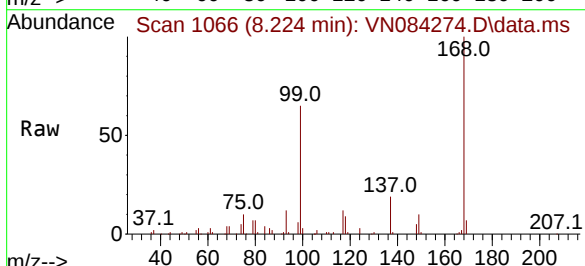
Tgt Ion: 117 Resp: 17783

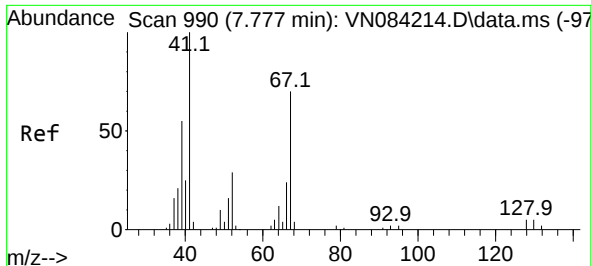
Ion Ratio Lower Upper

117 100

119 6.4 78.7 118.1#

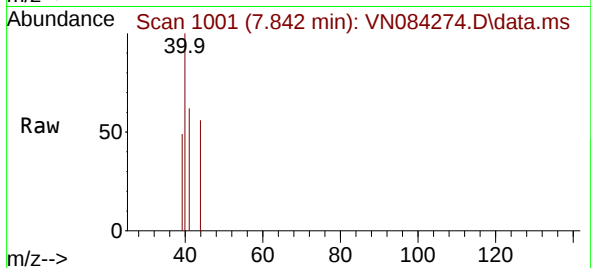
121 0.0 24.4 36.6#



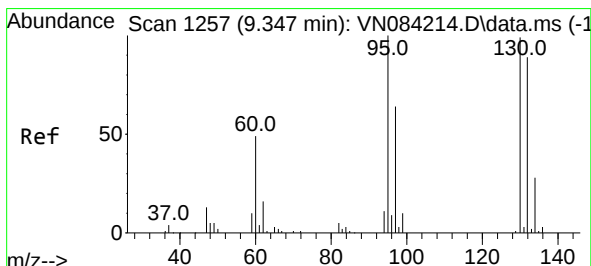
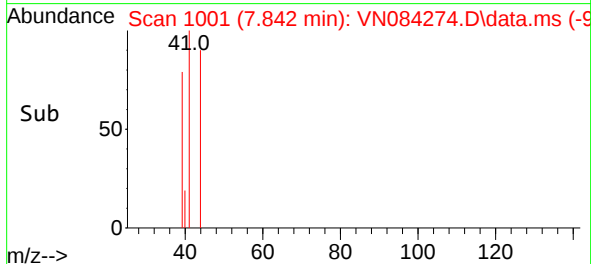
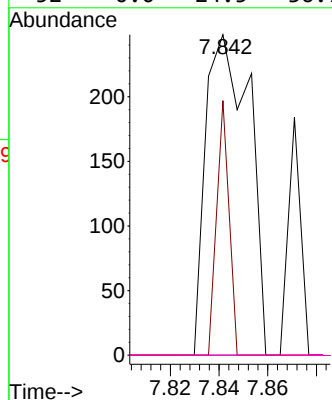


#41
Methacrylonitrile
Concen: 0.204 ug/l
RT: 7.842 min Scan# 1001
Delta R.T. 0.065 min
Lab File: VN084274.D
Acq: 02 Oct 2024 18:57

Instrument :
MSVOA_N
ClientSampleId :

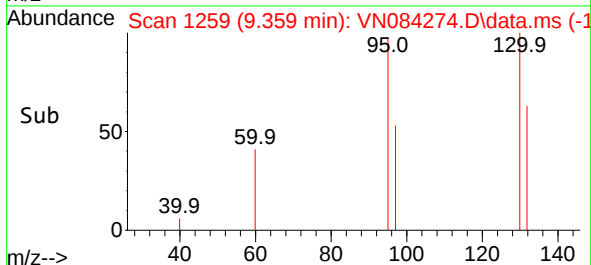
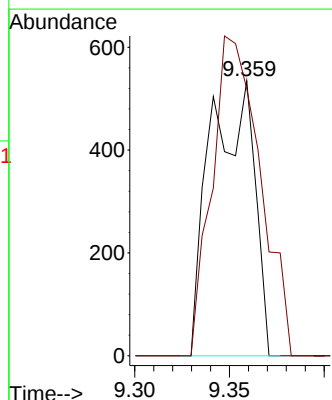
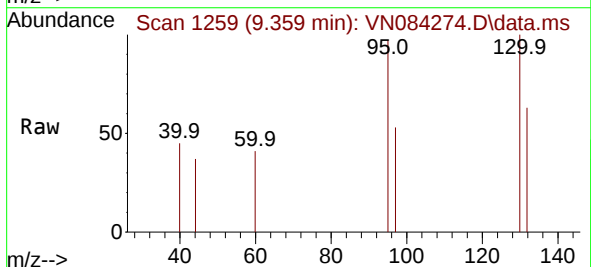


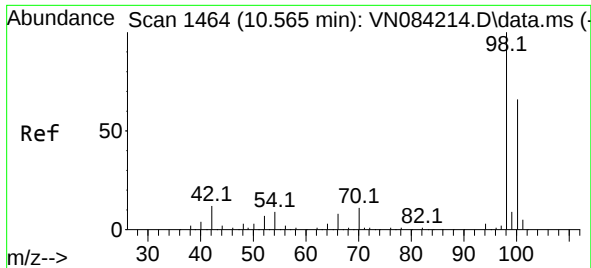
Tgt Ion: 41	Resp: 308
Ion Ratio	Lower Upper
41 100	
39 22.7	43.3 64.9#
67 0.0	56.1 84.1#
52 0.0	24.5 36.7#



#44
Trichloroethene
Concen: 0.435 ug/l
RT: 9.359 min Scan# 1259
Delta R.T. 0.012 min
Lab File: VN084274.D
Acq: 02 Oct 2024 18:57

Tgt Ion:130	Resp:	859	
Ion	Ratio	Lower	Upper
130	100		
95	97.0	0.0	203.0

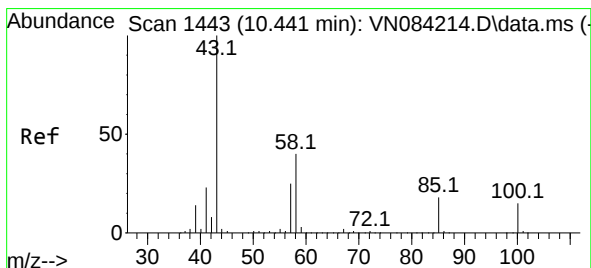
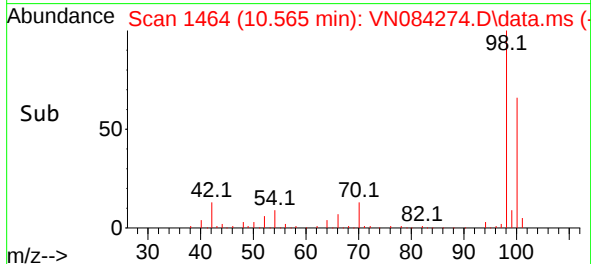
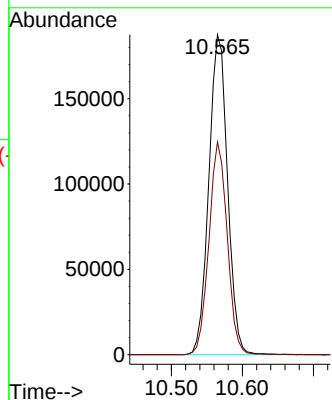
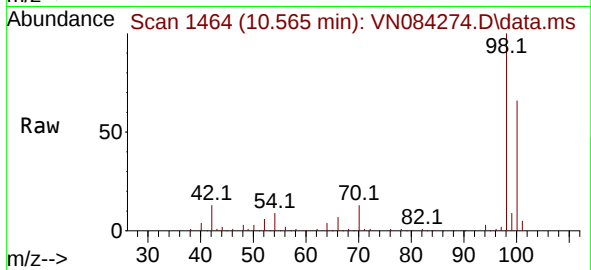




#50
Toluene-d8
Concen: 49.910 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VN084274.D
Acq: 02 Oct 2024 18:57

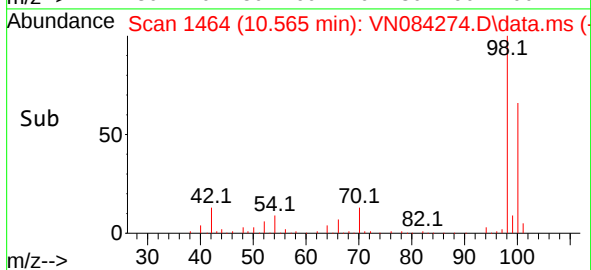
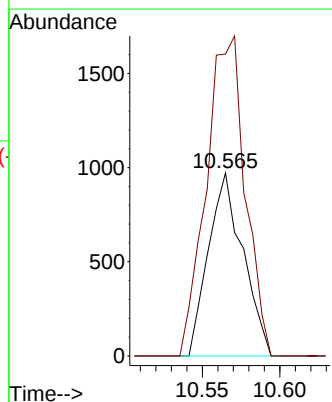
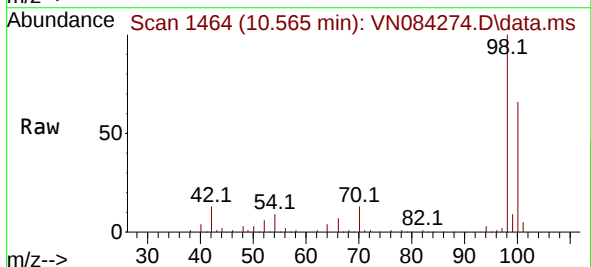
Instrument :
MSVOA_N
ClientSampleId :

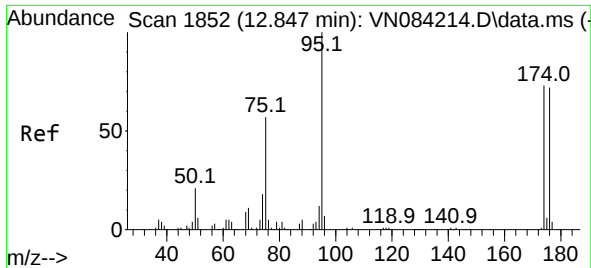
Tgt Ion: 98 Resp: 343085
Ion Ratio Lower Upper
98 100
100 65.1 52.7 79.1



#51
4-Methyl-2-Pentanone
Concen: 0.566 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.124 min
Lab File: VN084274.D
Acq: 02 Oct 2024 18:57

Tgt Ion: 43 Resp: 1501
Ion Ratio Lower Upper
43 100
58 197.2 31.6 47.4#

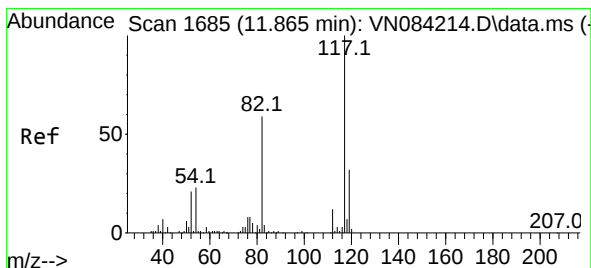
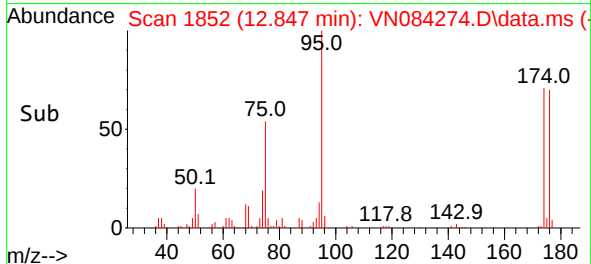
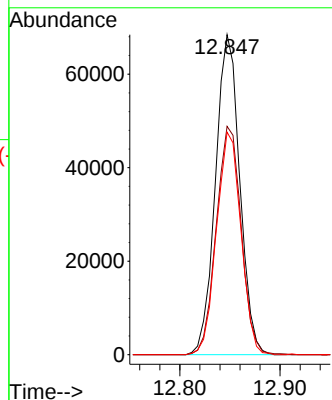
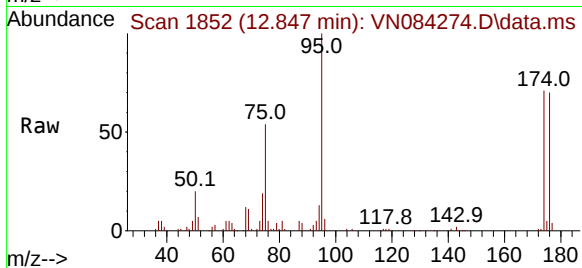




#62
4-Bromofluorobenzene
Concen: 45.965 ug/l
RT: 12.847 min Scan# 115108
Delta R.T. 0.000 min
Lab File: VN084274.D
Acq: 02 Oct 2024 18:57

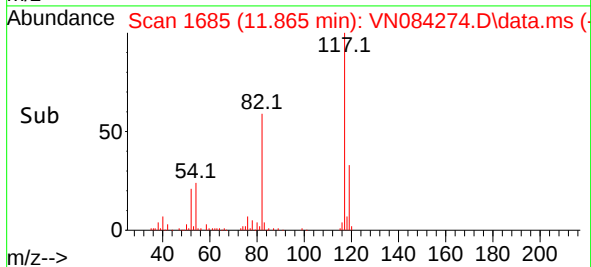
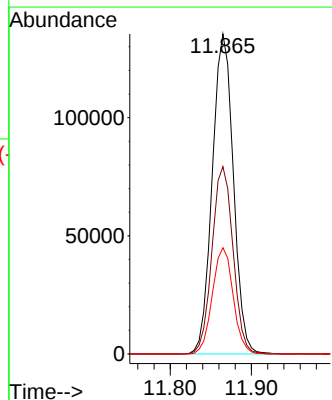
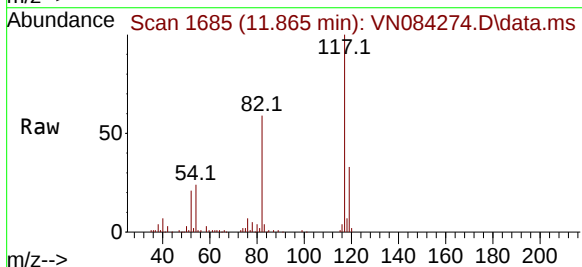
Instrument :
MSVOA_N
ClientSampleId :

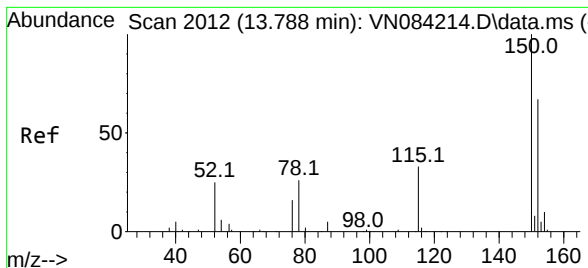
Tgt Ion: 95 Resp: 115108
Ion Ratio Lower Upper
95 100
174 73.4 0.0 145.2
176 69.9 0.0 140.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN084274.D
Acq: 02 Oct 2024 18:57

Tgt Ion: 117 Resp: 244524
Ion Ratio Lower Upper
117 100
82 58.5 47.2 70.8
119 33.2 25.4 38.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 20

Delta R.T. 0.006 min

Lab File: VN084274.D

Acq: 02 Oct 2024 18:57

Instrument :

MSVOA_N

ClientSampleId :

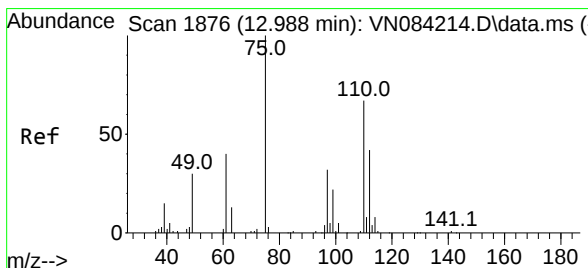
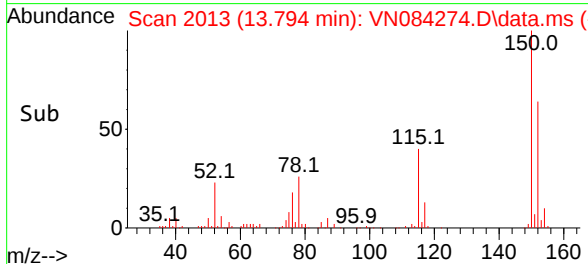
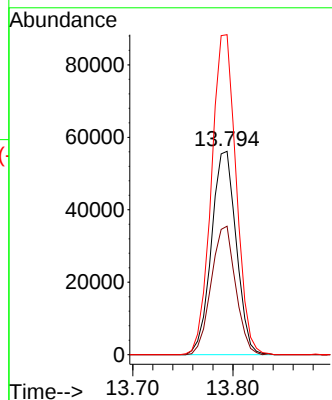
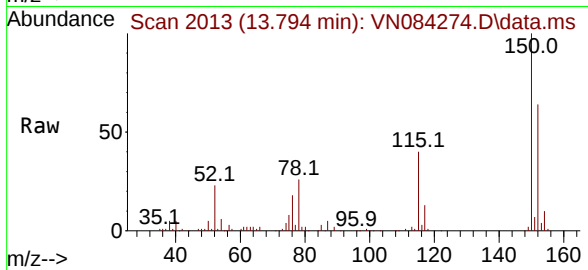
Tgt Ion:152 Resp: 96610

Ion Ratio Lower Upper

152 100

115 62.0 31.3 93.9

150 156.9 0.0 349.8



#76

1,2,3-Trichloropropane

Concen: 31.200 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. -0.141 min

Lab File: VN084274.D

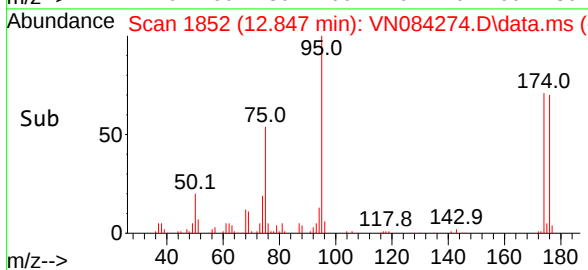
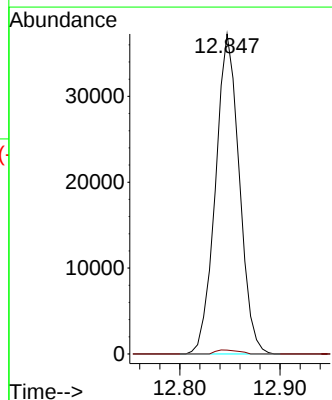
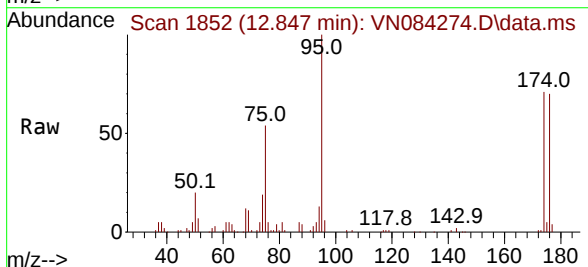
Acq: 02 Oct 2024 18:57

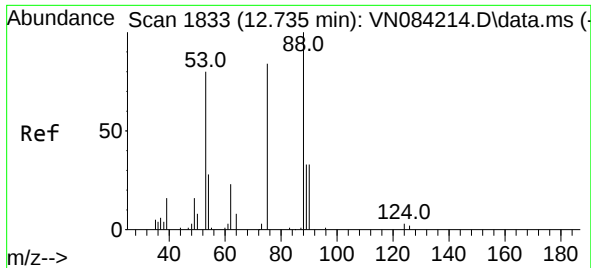
Tgt Ion: 75 Resp: 61536

Ion Ratio Lower Upper

75 100

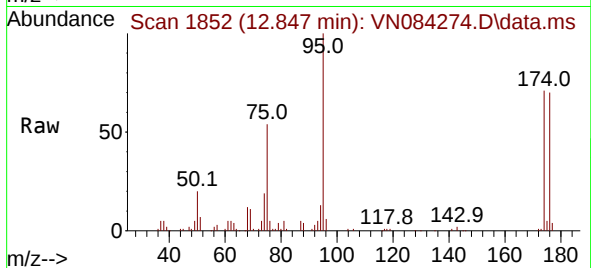
77 1.2 96.9 290.7#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 74.800 ug/l
 RT: 12.847 min Scan# 11
 Delta R.T. 0.112 min
 Lab File: VN084274.D
 Acq: 02 Oct 2024 18:57

Instrument :
 MSVOA_N
 ClientSampleId :



Tgt Ion: 75 Resp: 61536
 Ion Ratio Lower Upper
 75 100
 53 0.0 78.0 117.0#
 89 0.0 35.5 53.3#

