

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN050820\
 Data File : VN061376.D
 Acq On : 8 May 2020 20:48
 Operator : JC/MD
 Sample : L2544-04DL 5X
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SS038MW013-200504DL

Quant Time: May 11 04:47:22 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N042720W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 05 07:01:08 2020
 Response via : Initial Calibration

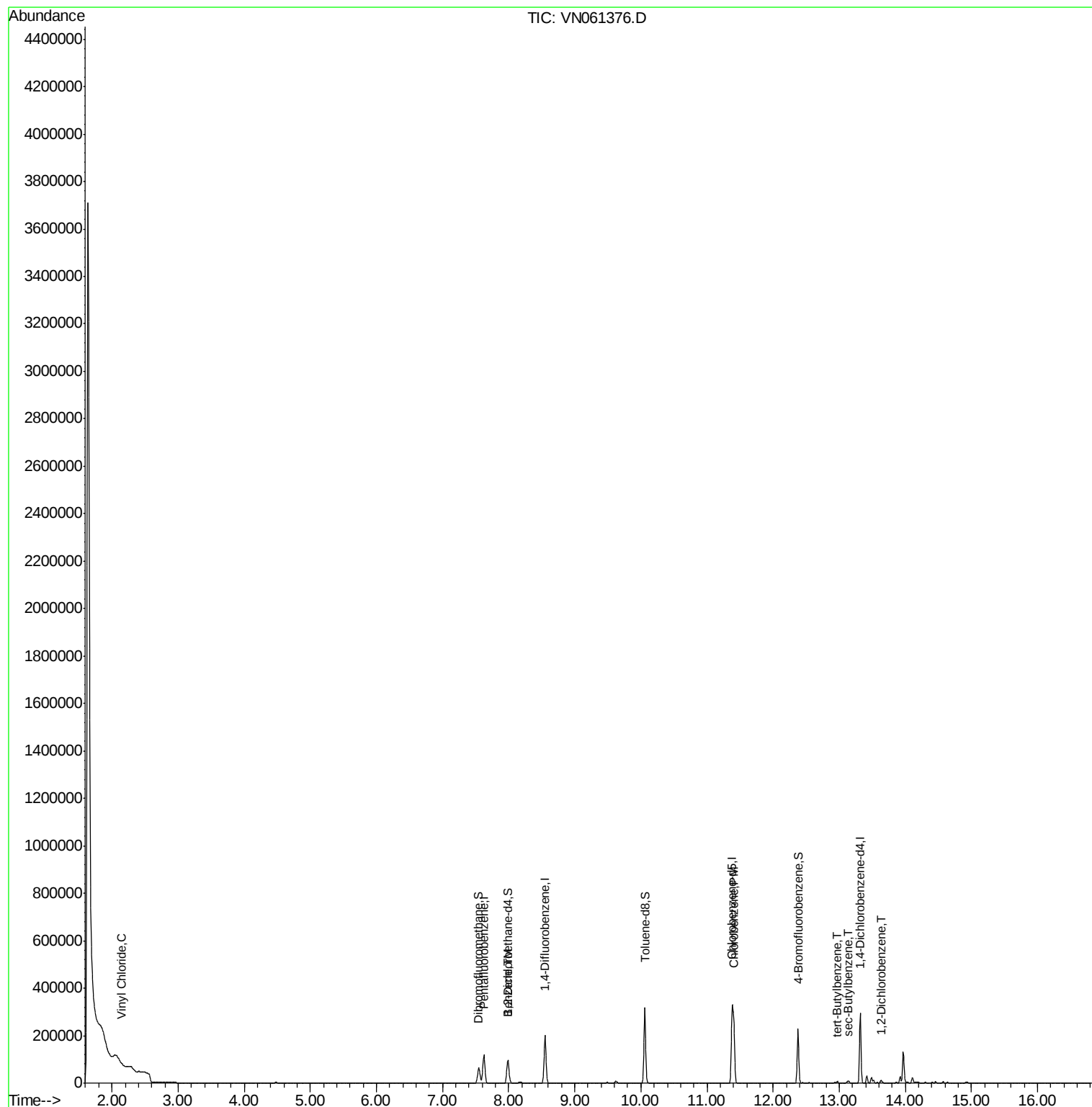
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	89882	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	165487	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	161383	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	72675	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	77172	54.26	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.52%	
35) Dibromofluoromethane	7.55	113	49612	50.70	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.40%	
50) Toluene-d8	10.06	98	208659	52.31	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.62%	
62) 4-Bromofluorobenzene	12.38	95	78561	52.33	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.66%	
Target Compounds						
4) Vinyl Chloride	2.16	62	1652	1.260	ug/l	97
40) Benzene	8.00	78	11519	2.334	ug/l	96
65) Chlorobenzene	11.41	112	129026	40.304	ug/l	98
83) tert-Butylbenzene	12.97	119	3546	0.951	ug/l	94
85) sec-Butylbenzene	13.15	105	4875	0.959	ug/l #	61
91) 1,2-Dichlorobenzene	13.63	146	4858	2.232	ug/l	98

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

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN050820\
Data File : VN061376.D
Acq On : 8 May 2020 20:48
Operator : JC/MD
Sample : L2544-04DL 5X
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 28 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
SS038MW013-200504DL

Quant Time: May 11 04:47:22 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N042720W.M
Quant Title : SW846 8260
QLast Update : Tue May 05 07:01:08 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1877

Delta R.T. 0.00 min

Lab File: VN061376.D

Acq: 8 May 2020 20:48

Instrument :

MSVOA_N

ClientSampleId :

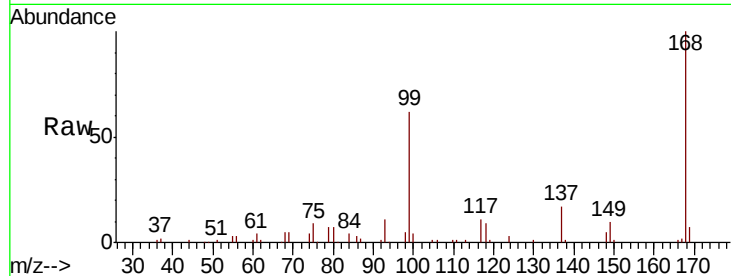
SS038MW013-200504DL

Tot Ion:168 Resp: 89882

Ion Ratio Lower Upper

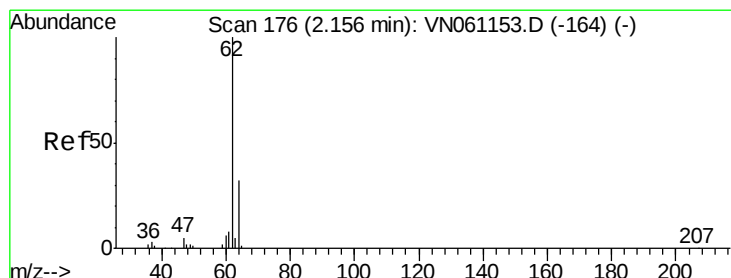
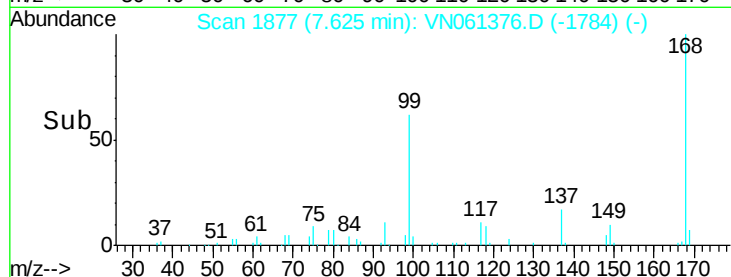
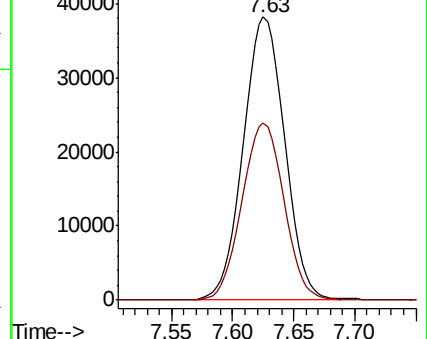
168 100

99 62.4 51.2 76.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#4

Vinyl Chloride

Concen: 1.260 ug/l

RT: 2.16 min Scan# 176

Delta R.T. 0.00 min

Lab File: VN061376.D

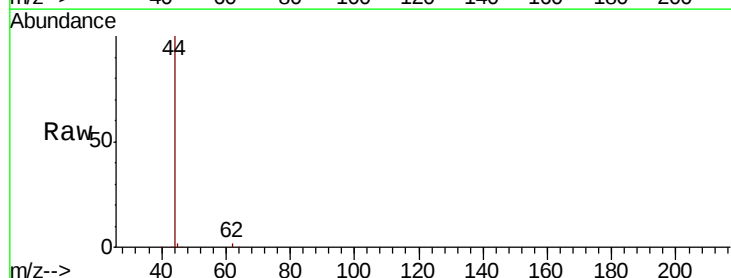
Acq: 8 May 2020 20:48

Tgt Ion: 62 Resp: 1652

Ion Ratio Lower Upper

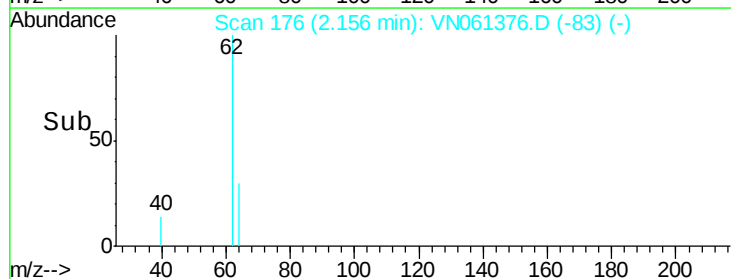
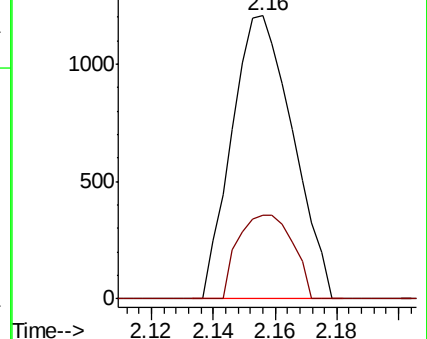
62 100

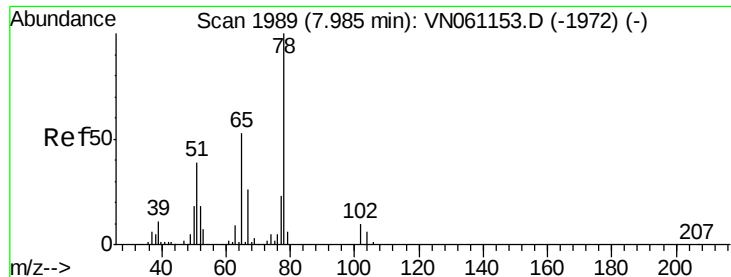
64 29.8 25.2 37.8



Abundance Ion 61.90 (61.60 to 62.60): VNO

Ion 63.90 (63.60 to 64.60): VNO

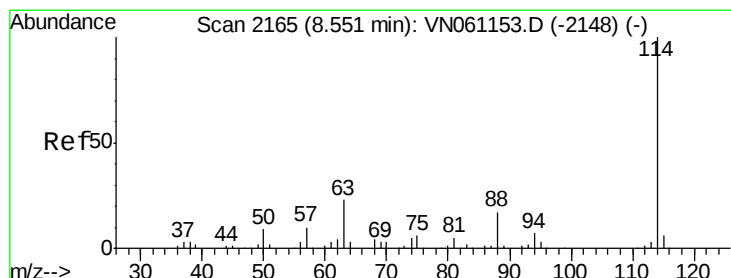
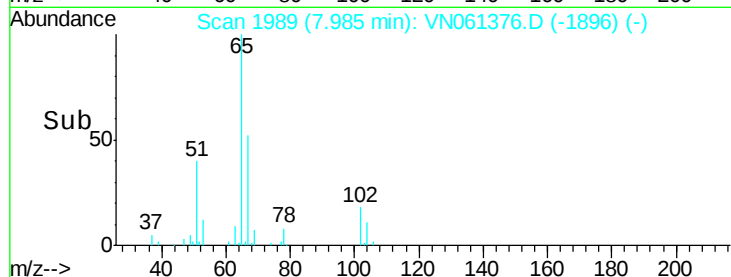
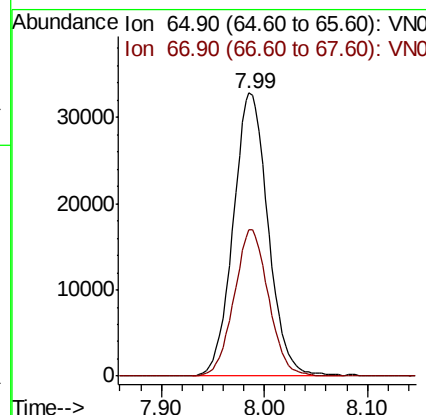
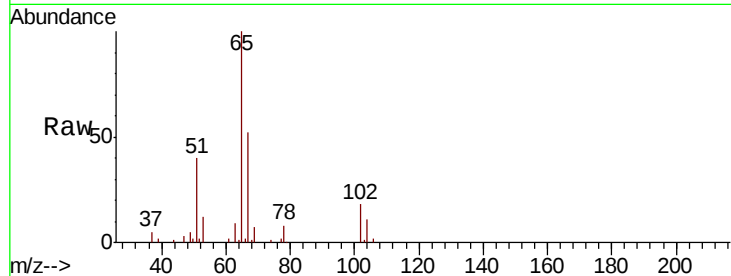




#33
 1,2-Dichloroethane-d4
 Concen: 54.262 ug/l
 RT: 7.99 min Scan# 1989
 Delta R.T. 0.00 min
 Lab File: VN061376.D
 Acq: 8 May 2020 20:48

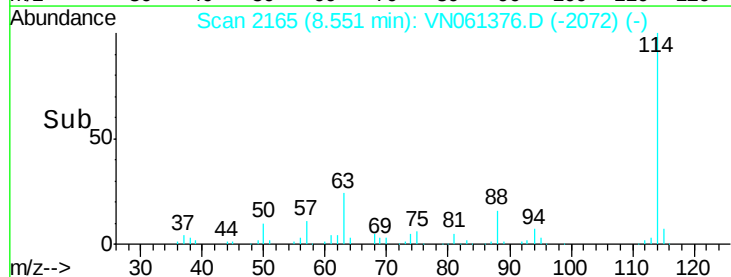
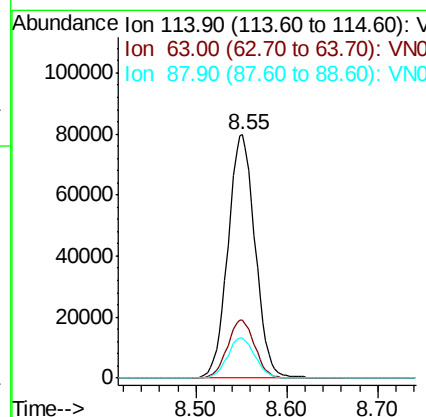
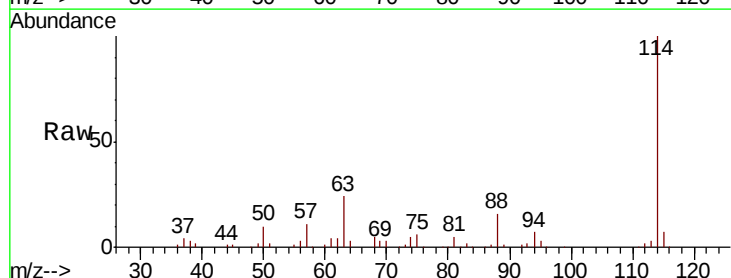
Instrument :
 MSVOA_N
 ClientSampleId :
 SS038MW013-200504DL

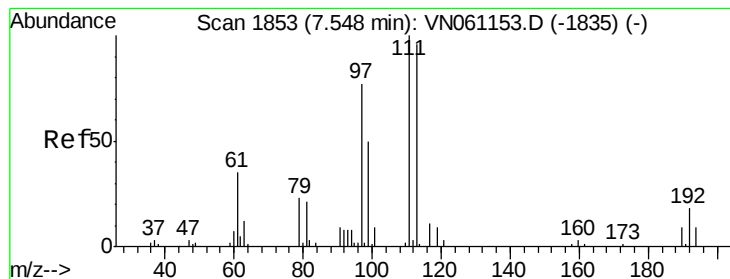
Tot Ion: 65 Resp: 77172
 Ion Ratio Lower Upper
 65 100
 67 51.1 0.0 101.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2165
 Delta R.T. 0.00 min
 Lab File: VN061376.D
 Acq: 8 May 2020 20:48

Tgt Ion: 114 Resp: 165487
 Ion Ratio Lower Upper
 114 100
 63 23.7 0.0 46.6
 88 16.4 0.0 33.4





#35

Dibromofluoromethane

Concen: 50.699 ug/l

RT: 7.55 min Scan# 1853

Delta R.T. 0.00 min

Lab File: VN061376.D

Acq: 8 May 2020 20:48

Instrument :

MSVOA_N

ClientSampleId :

SS038MW013-200504DL

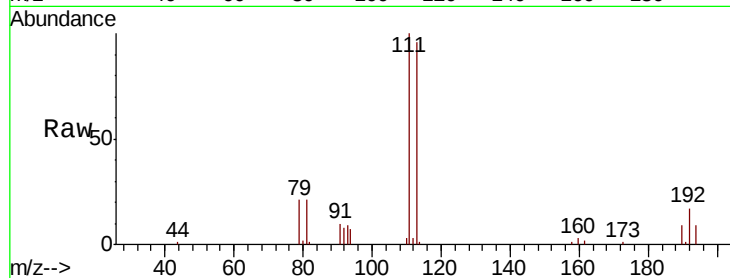
Tot Ion:113 Resp: 49612

Ion Ratio Lower Upper

113 100

111 103.4 82.9 124.3

192 17.8 14.7 22.1

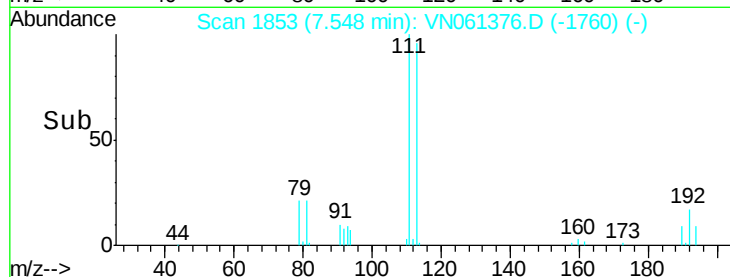


Abundance Ion 112.80 (112.50 to 113.50): V

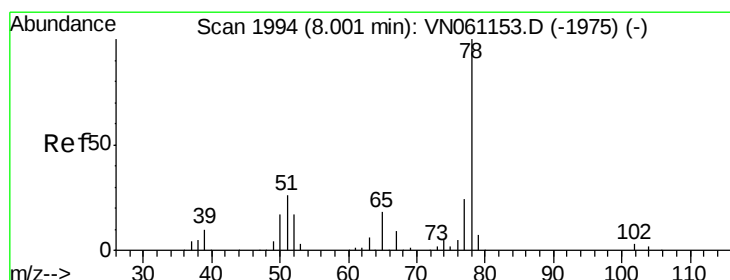
Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

Time-->



Time-->



#40

Benzene

Concen: 2.334 ug/l

RT: 8.00 min Scan# 1994

Delta R.T. 0.00 min

Lab File: VN061376.D

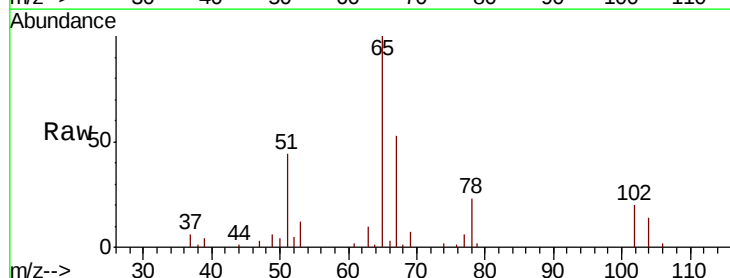
Acq: 8 May 2020 20:48

Tgt Ion: 78 Resp: 11519

Ion Ratio Lower Upper

78 100

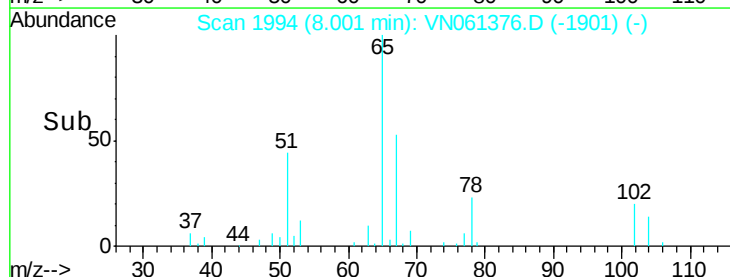
77 25.8 19.0 28.6



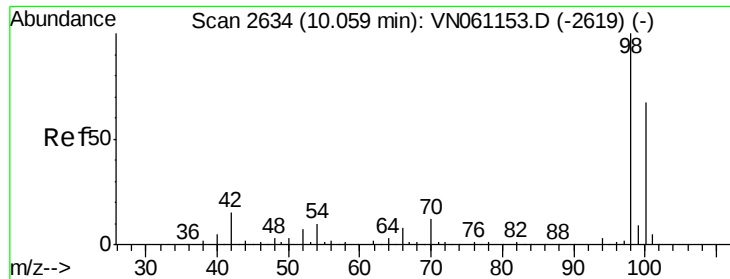
Abundance Ion 78.00 (77.70 to 78.70): V

Ion 77.00 (76.70 to 77.70): V

Time-->



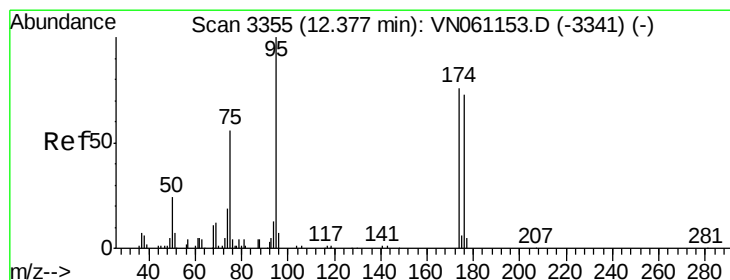
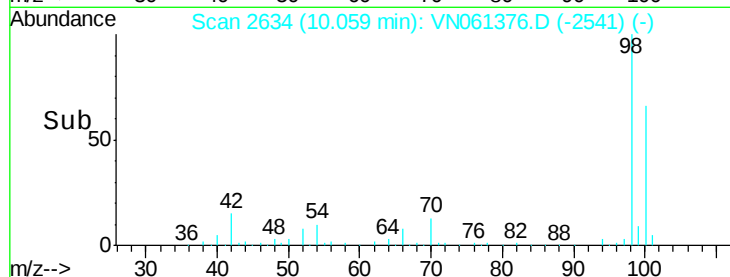
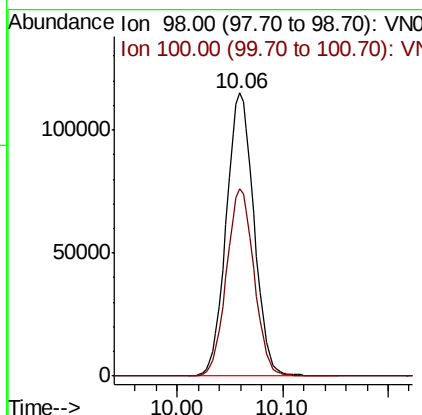
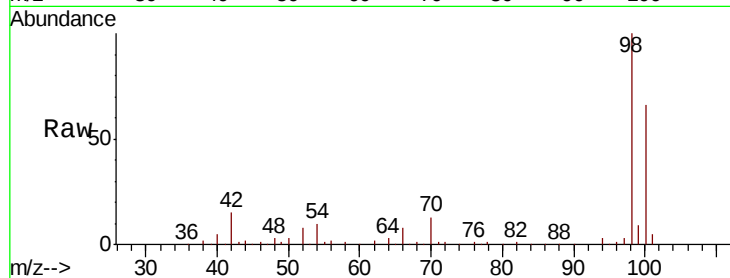
Time-->



#50
Toluene-d8
Concen: 52.307 ug/l
RT: 10.06 min Scan# 2634
Delta R.T. 0.00 min
Lab File: VN061376.D
Acq: 8 May 2020 20:48

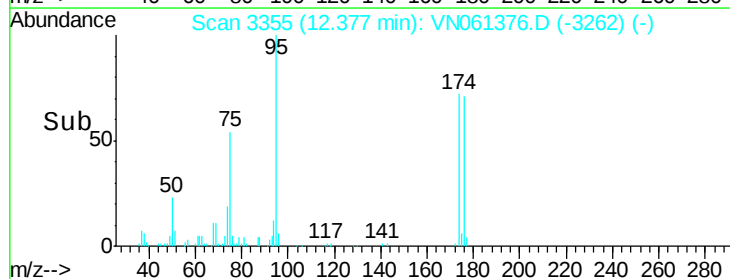
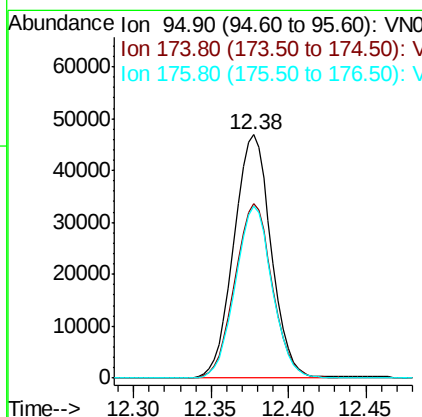
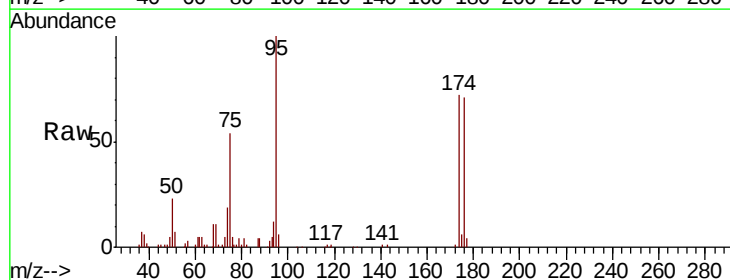
Instrument :
MSVOA_N
ClientSampleId :
SS038MW013-200504DL

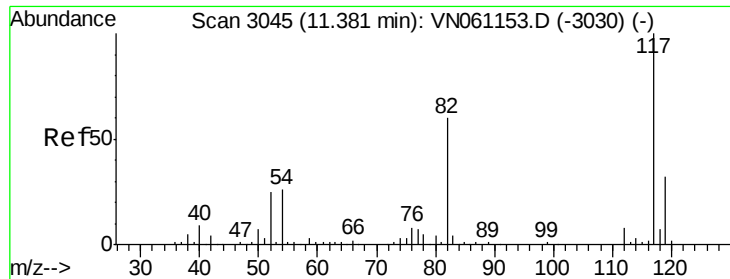
Tot Ion: 98 Resp: 208659
Ion Ratio Lower Upper
98 100
100 65.9 53.4 80.0



#62
4-Bromofluorobenzene
Concen: 52.333 ug/l
RT: 12.38 min Scan# 3355
Delta R.T. 0.00 min
Lab File: VN061376.D
Acq: 8 May 2020 20:48

Tgt Ion: 95 Resp: 78561
Ion Ratio Lower Upper
95 100
174 72.1 0.0 149.4
176 69.7 0.0 144.8

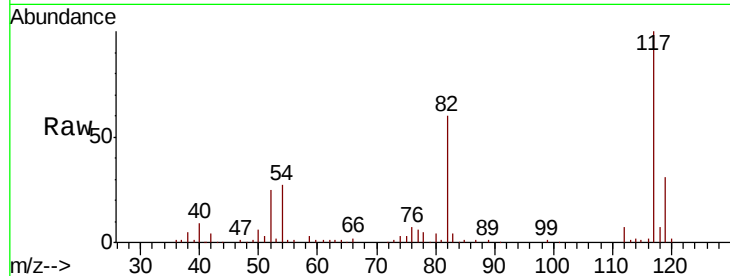




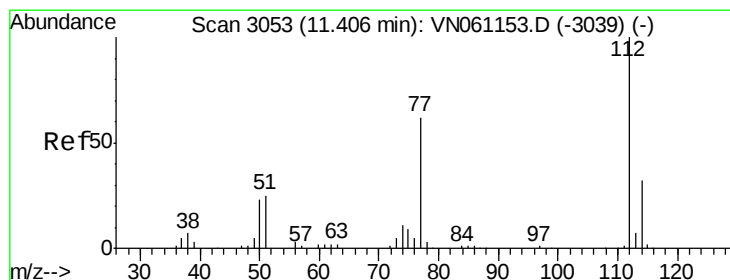
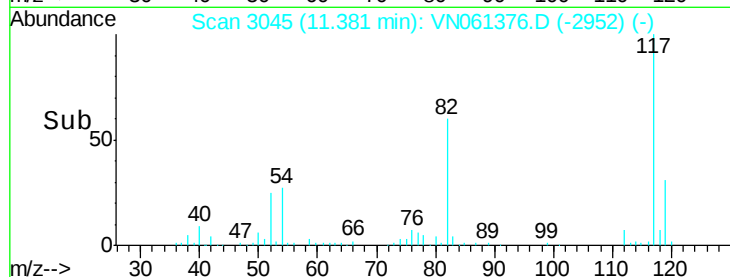
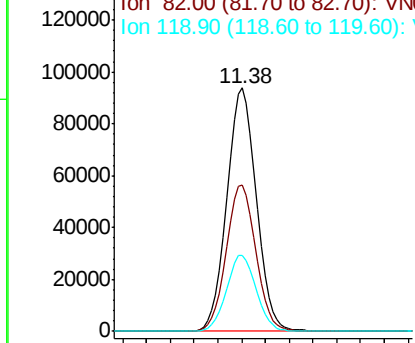
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 3045
Delta R.T. 0.00 min
Lab File: VN061376.D
Acq: 8 May 2020 20:48

Instrument :
MSVOA_N
ClientSampleId :
SS038MW013-200504DL

Tot Ion:117 Resp: 161383
Ion Ratio Lower Upper
117 100
82 60.2 47.8 71.8
119 31.4 25.8 38.6

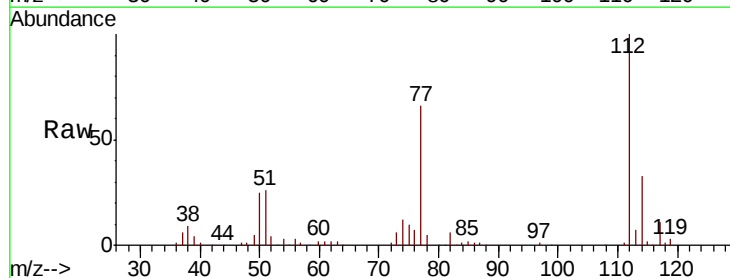


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VN
Ion 118.90 (118.60 to 119.60): V

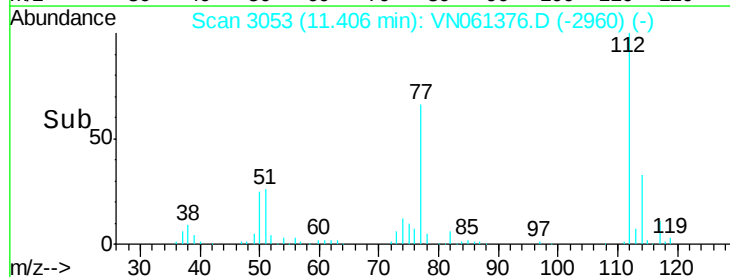
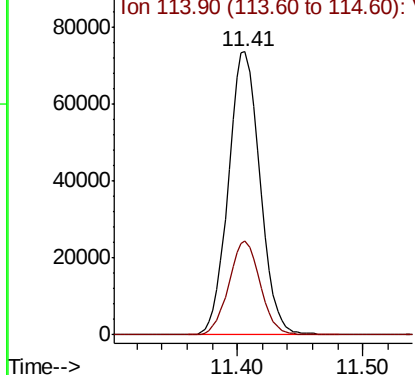


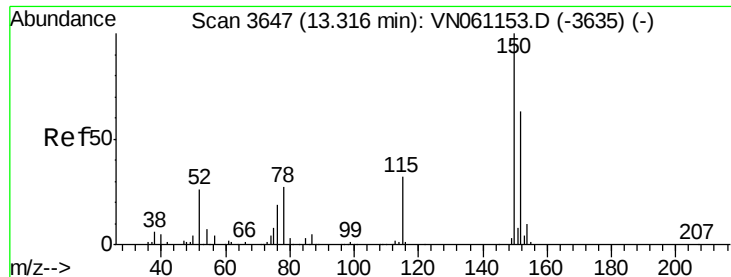
#65
Chlorobenzene
Concen: 40.304 ug/l
RT: 11.41 min Scan# 3053
Delta R.T. 0.00 min
Lab File: VN061376.D
Acq: 8 May 2020 20:48

Tgt Ion:112 Resp: 129026
Ion Ratio Lower Upper
112 100
114 33.0 25.4 38.2



Abundance Ion 111.90 (111.60 to 112.60): V
Ion 113.90 (113.60 to 114.60): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3648

Delta R.T. 0.00 min

Lab File: VN061376.D

Acq: 8 May 2020 20:48

Instrument :

MSVOA_N

ClientSampleId :

SS038MW013-200504DL

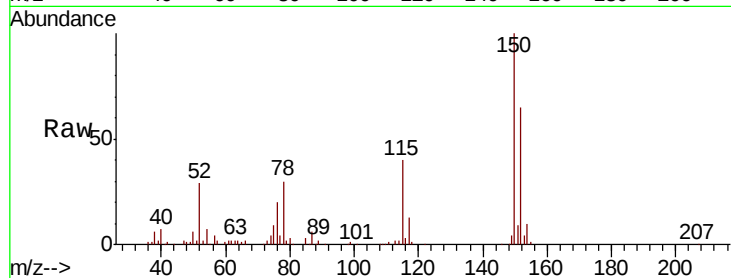
Tot Ion:152 Resp: 72675

Ion Ratio Lower Upper

152 100

115 62.7 31.0 93.0

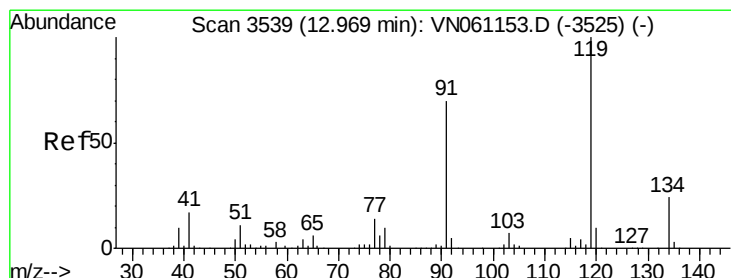
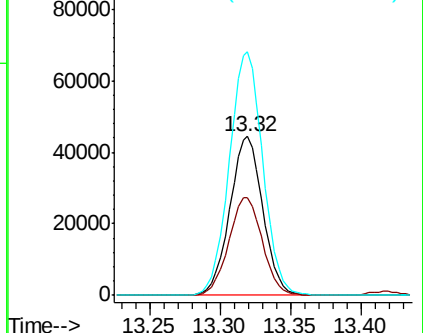
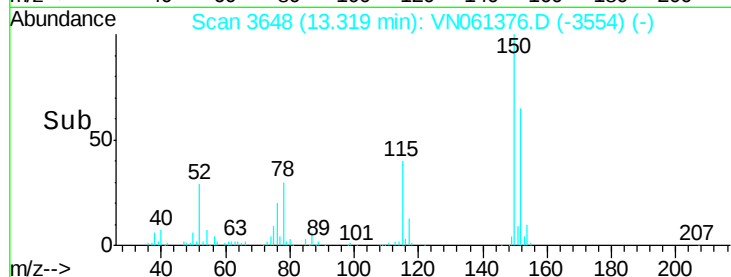
150 155.4 0.0 351.8



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



#83

tert-Butylbenzene

Concen: 0.951 ug/l

RT: 12.97 min Scan# 3539

Delta R.T. 0.00 min

Lab File: VN061376.D

Acq: 8 May 2020 20:48

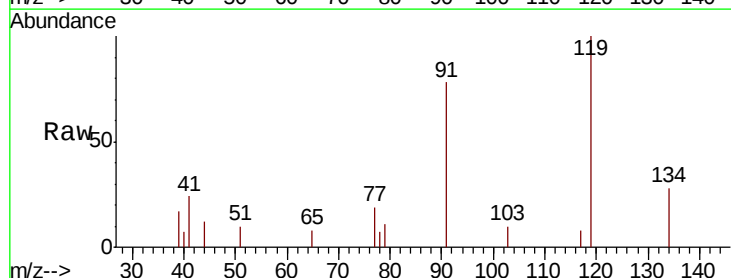
Tgt Ion:119 Resp: 3546

Ion Ratio Lower Upper

119 100

91 76.1 34.8 104.4

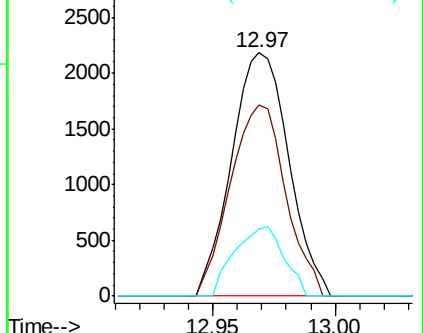
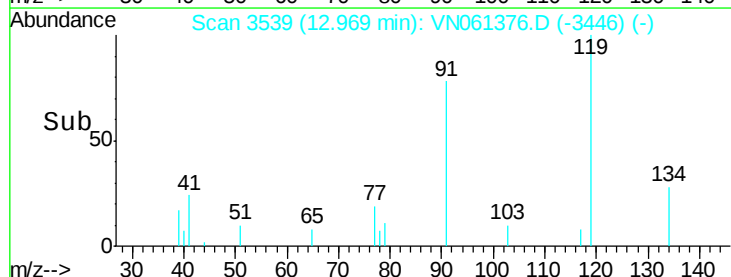
134 24.6 12.9 38.7

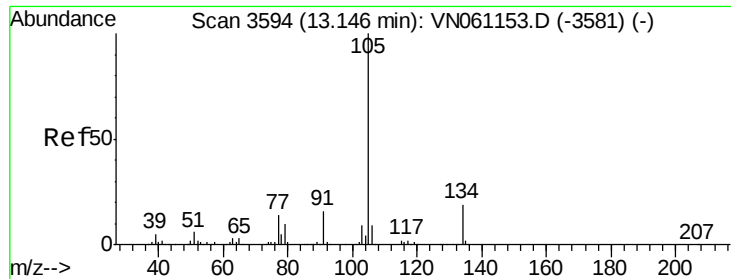


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): V

Ion 134.00 (133.70 to 134.70): V

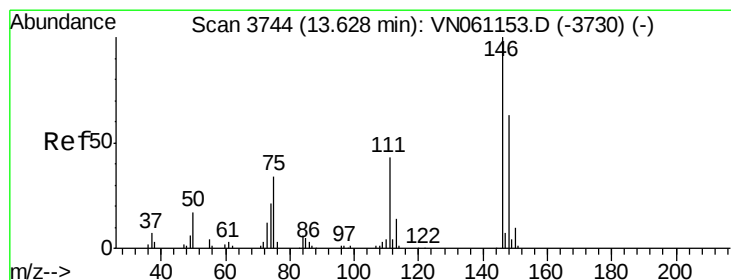
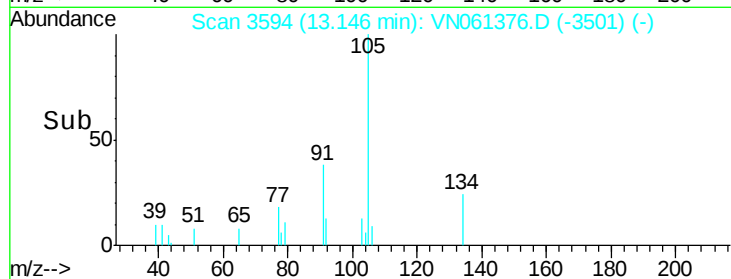
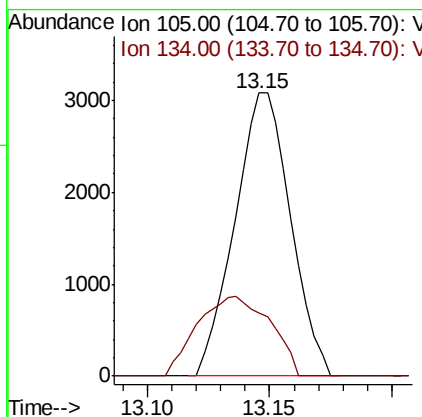
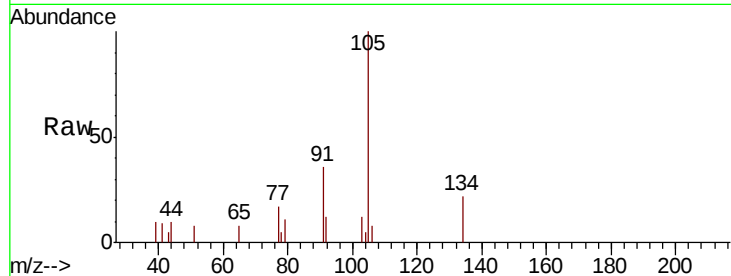




#85
 sec-Butylbenzene
 Concen: 0.959 ug/l
 RT: 13.15 min Scan# 3594
 Delta R.T. 0.00 min
 Lab File: VN061376.D
 Acq: 8 May 2020 20:48

Instrument :
 MSVOA_N
 ClientSampleId :
 SS038MW013-200504DL

Tot Ion:105 Resp: 4875
 Ion Ratio Lower Upper
 105 100
 134 36.9 9.6 28.8#



#91
 1,2-Dichlorobenzene
 Concen: 2.232 ug/l
 RT: 13.63 min Scan# 3744
 Delta R.T. 0.00 min
 Lab File: VN061376.D
 Acq: 8 May 2020 20:48

Tgt Ion:146 Resp: 4858
 Ion Ratio Lower Upper
 146 100
 111 41.4 21.8 65.3
 148 64.1 31.6 95.0

