

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN050820\
 Data File : VN061354.D
 Acq On : 8 May 2020 12:17
 Operator : JC/MD
 Sample : L2544-01DL 5X
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SS037MW036-200504DL

Quant Time: May 09 01:51:49 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

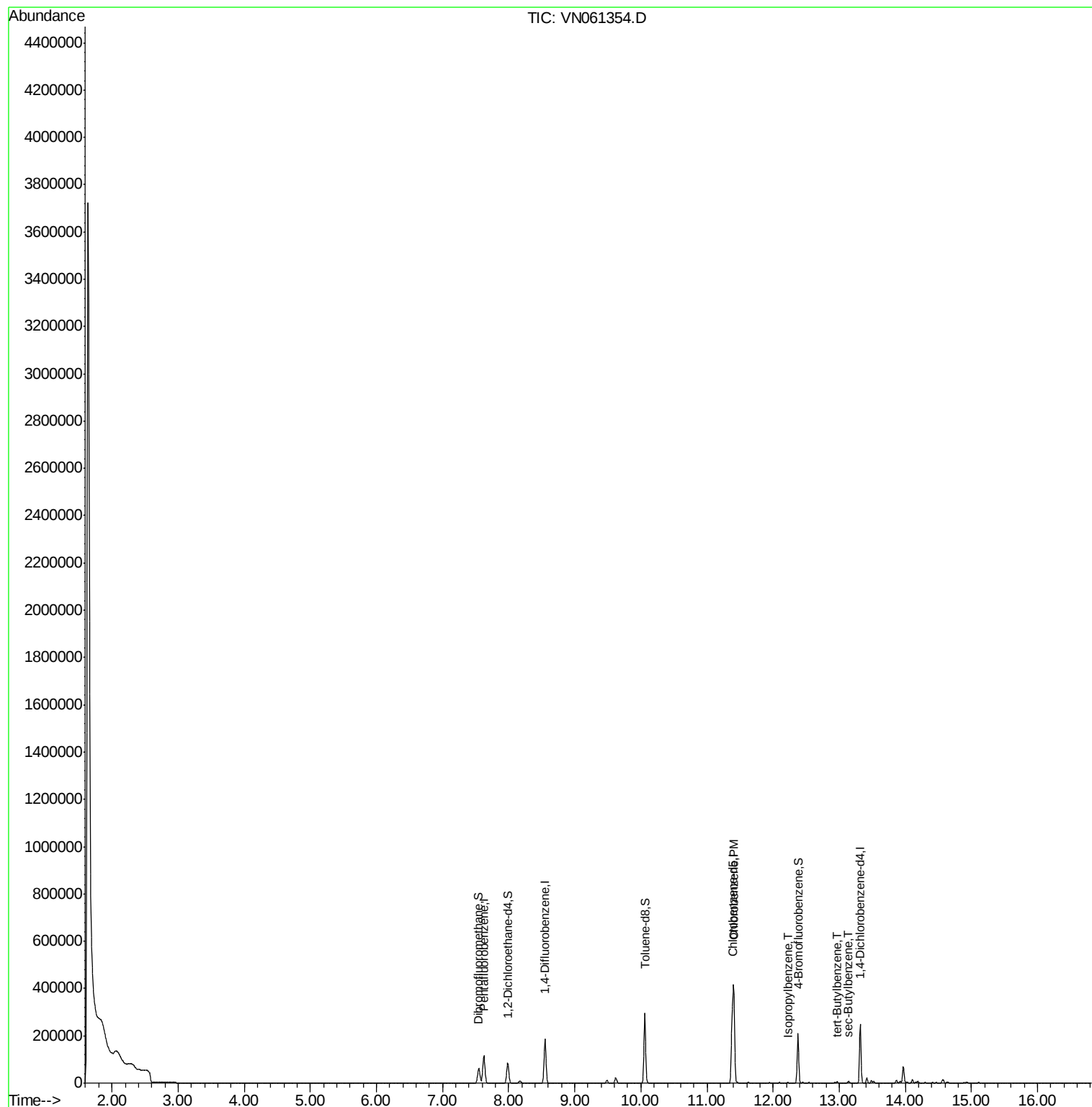
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	87152	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	156730	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	147133	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	62424	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	72693	52.71	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.42%	
35) Dibromofluoromethane	7.55	113	46782	50.48	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.96%	
50) Toluene-d8	10.06	98	194971	51.61	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.22%	
62) 4-Bromofluorobenzene	12.38	95	70899	49.87	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.74%	
Target Compounds						
65) Chlorobenzene	11.41	112	195930	67.131	ug/l	Qvalue 100
73) Isopropylbenzene	12.22	105	2069	0.451	ug/l	91
83) tert-Butylbenzene	12.97	119	3392	1.059	ug/l	98
85) sec-Butylbenzene	13.15	105	3841	0.880	ug/l #	63

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

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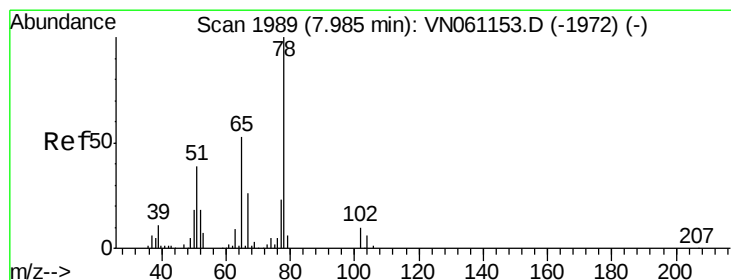
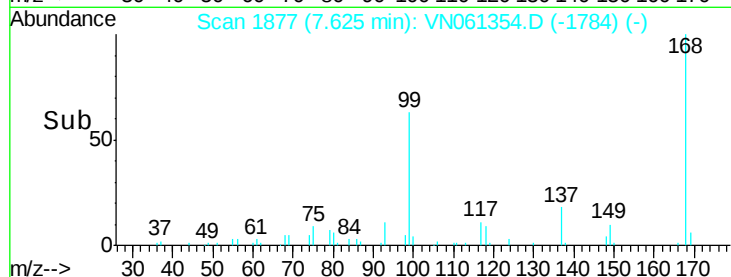
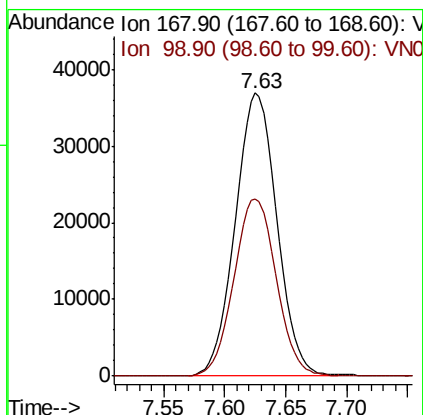
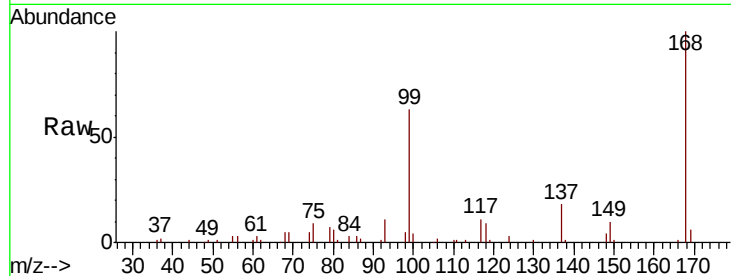




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.63 min Scan# 1877
Delta R.T. 0.00 min
Lab File: VN061354.D
Acq: 8 May 2020 12:17

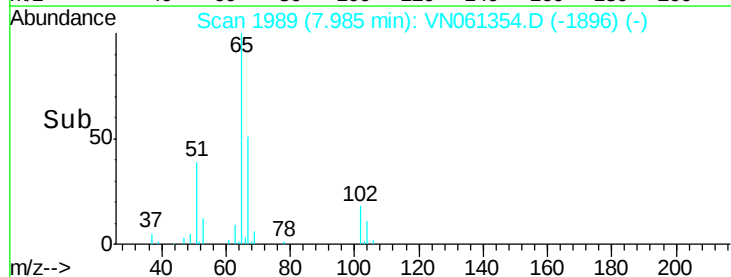
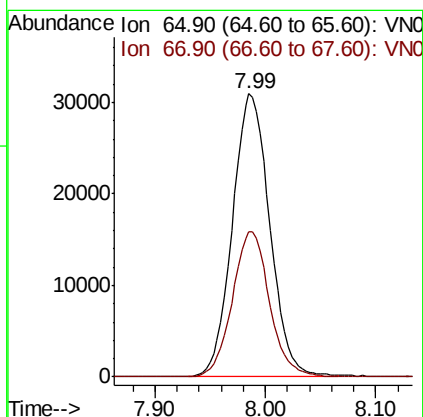
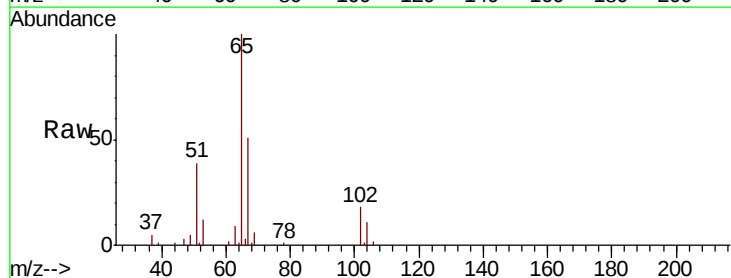
Instrument :
MSVOA_N
ClientSampleId :
SS037MW036-200504DL

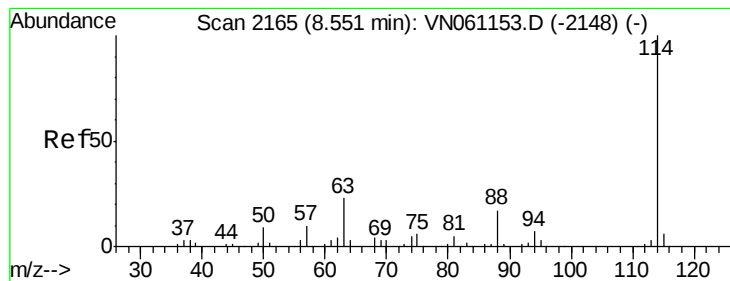
Tot Ion:168 Resp: 87152
Ion Ratio Lower Upper
168 100
99 62.8 51.2 76.8



#33
1,2-Dichloroethane-d4
Concen: 52.714 ug/l
RT: 7.99 min Scan# 1989
Delta R.T. 0.00 min
Lab File: VN061354.D
Acq: 8 May 2020 12:17

Tgt Ion: 65 Resp: 72693
Ion Ratio Lower Upper
65 100
67 50.7 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: VN061354.D

Acq: 8 May 2020 12:17

Instrument :

MSVOA_N

ClientSampleId :

SS037MW036-200504DL

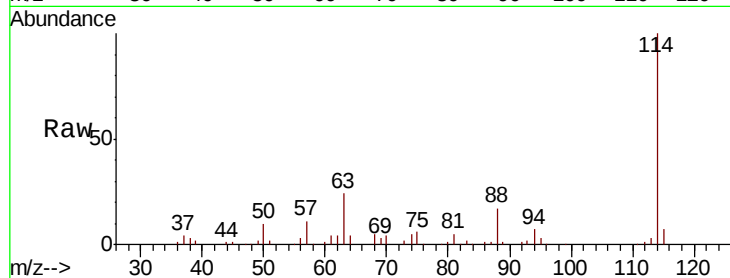
Tot Ion:114 Resp: 156730

Ion Ratio Lower Upper

114 100

63 23.8 0.0 46.6

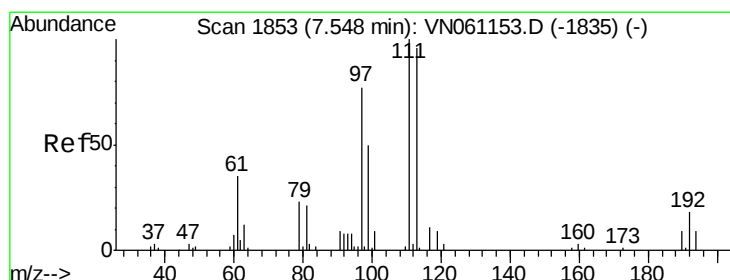
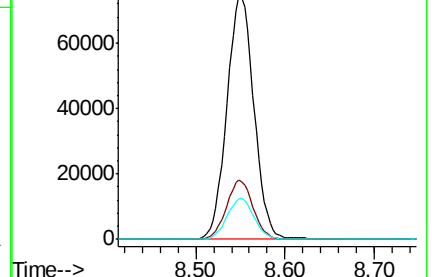
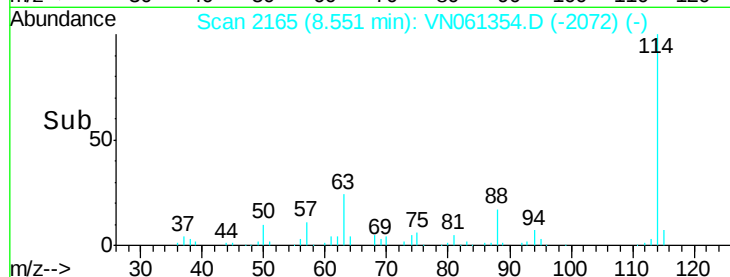
88 16.8 0.0 33.4



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN

Ion 87.90 (87.60 to 88.60): VN



#35

Dibromofluoromethane

Concen: 50.478 ug/l

RT: 7.55 min Scan# 1853

Delta R.T. 0.00 min

Lab File: VN061354.D

Acq: 8 May 2020 12:17

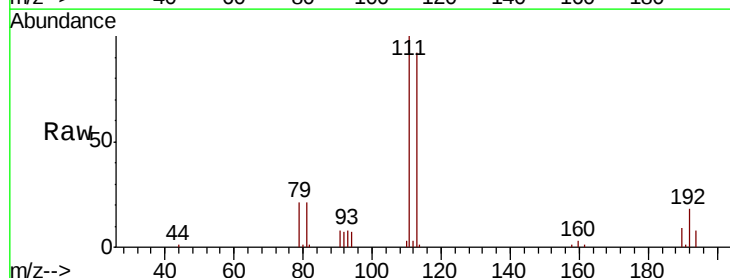
Tgt Ion:113 Resp: 46782

Ion Ratio Lower Upper

113 100

111 105.7 82.9 124.3

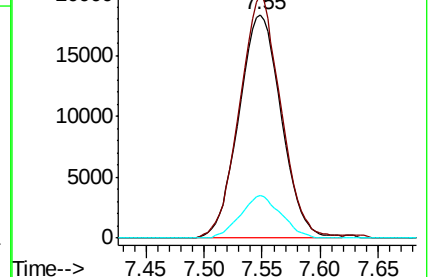
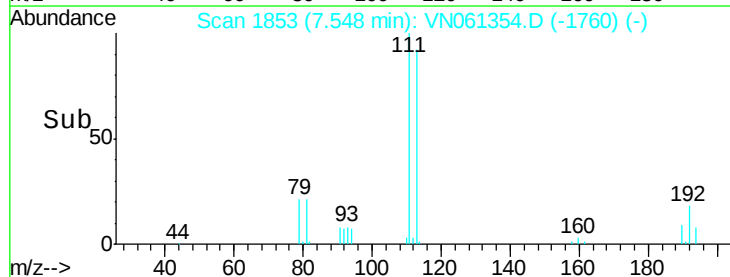
192 18.1 14.7 22.1

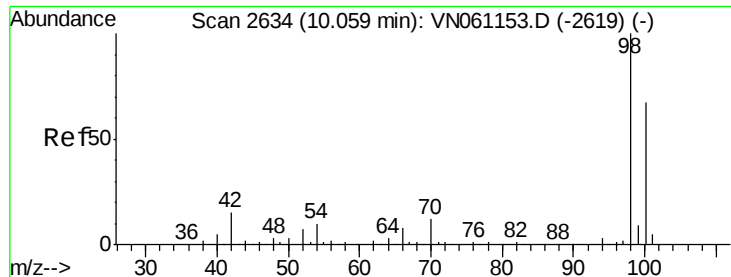


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 51.606 ug/l

RT: 10.06 min Scan# 2634

Delta R.T. 0.00 min

Lab File: VN061354.D

Acq: 8 May 2020 12:17

Instrument :

MSVOA_N

ClientSampleId :

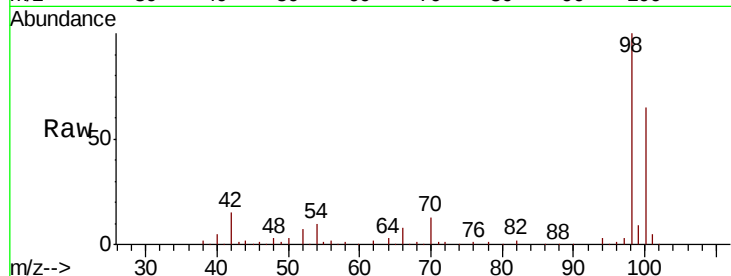
SS037MW036-200504DL

Tot Ion: 98 Resp: 194971

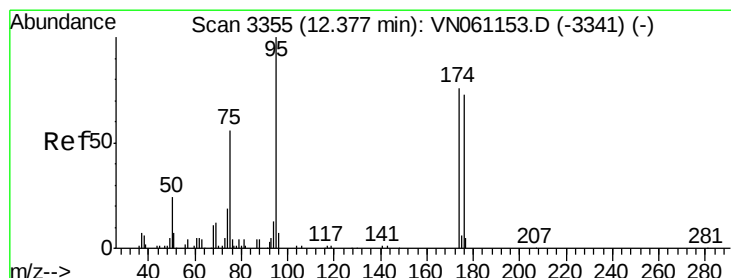
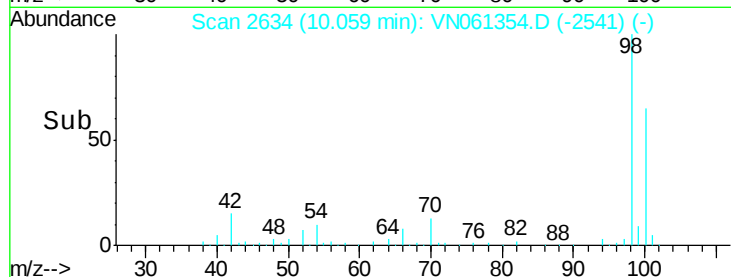
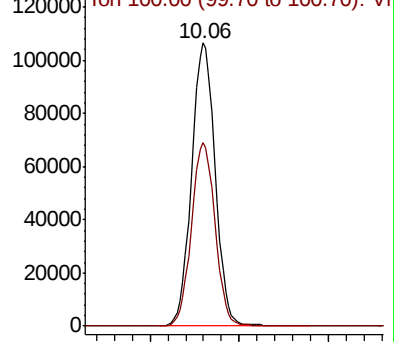
Ion Ratio Lower Upper

98 100

100 65.0 53.4 80.0



Abundance Ion 98.00 (97.70 to 98.70): VN061153.D (-2619) (-)



#62

4-Bromofluorobenzene

Concen: 49.868 ug/l

RT: 12.38 min Scan# 3355

Delta R.T. 0.00 min

Lab File: VN061354.D

Acq: 8 May 2020 12:17

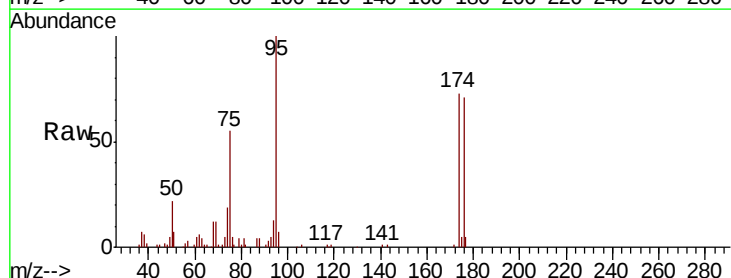
Tgt Ion: 95 Resp: 70899

Ion Ratio Lower Upper

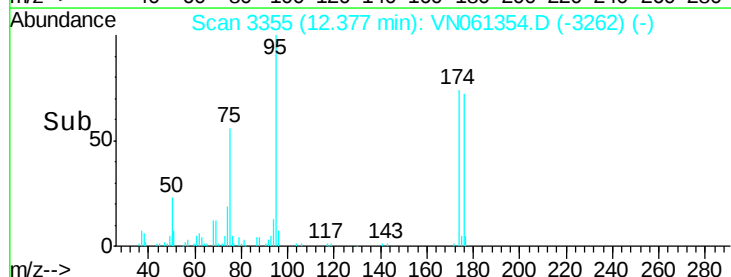
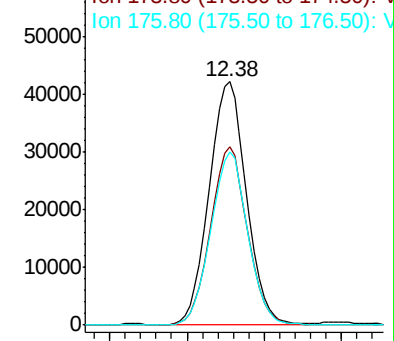
95 100

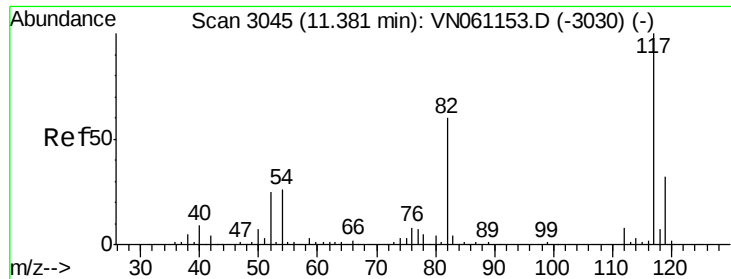
174 71.9 0.0 149.4

176 70.2 0.0 144.8



Abundance Ion 94.90 (94.60 to 95.60): VN061153.D (-3341) (-)

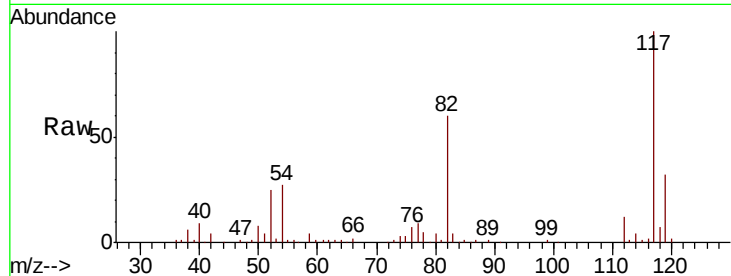




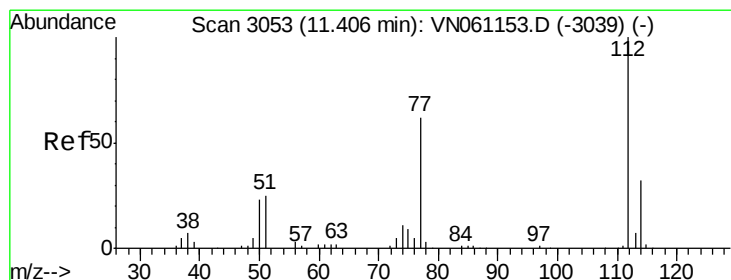
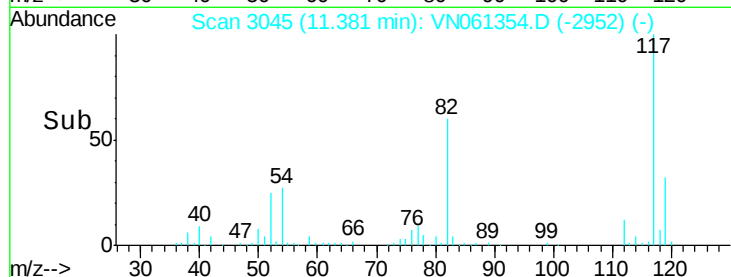
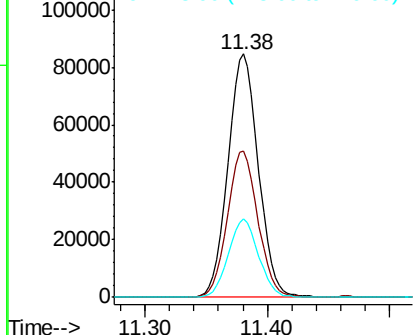
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 3045
Delta R.T. 0.00 min
Lab File: VN061354.D
Acq: 8 May 2020 12:17

Instrument :
MSVOA_N
ClientSampleId :
SS037MW036-200504DL

Tot Ion:117 Resp: 147133
Ion Ratio Lower Upper
117 100
82 60.1 47.8 71.8
119 32.1 25.8 38.6

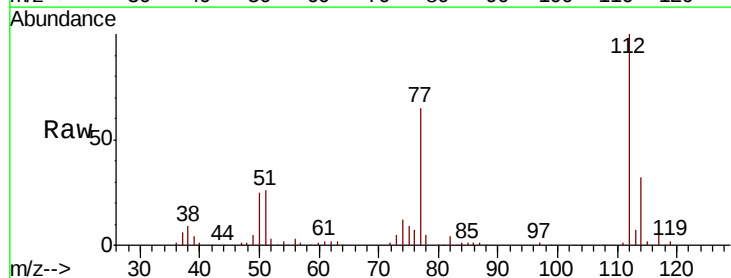


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VN
Ion 118.90 (118.60 to 119.60): V

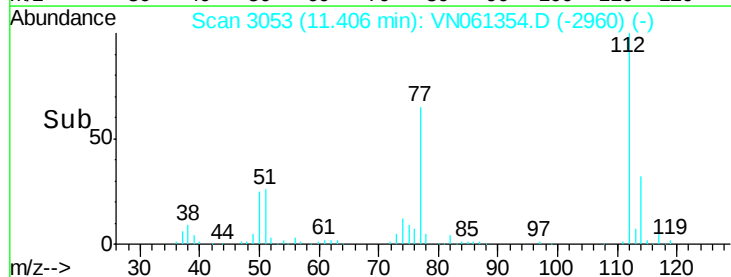
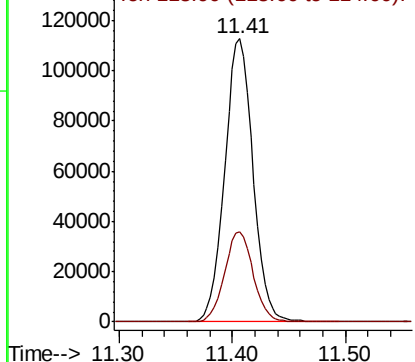


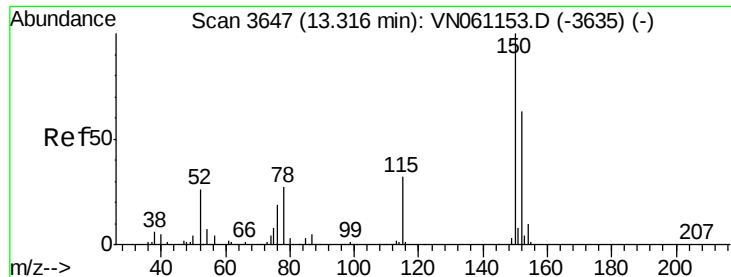
#65
Chlorobenzene
Concen: 67.131 ug/l
RT: 11.41 min Scan# 3053
Delta R.T. 0.00 min
Lab File: VN061354.D
Acq: 8 May 2020 12:17

Tgt Ion:112 Resp: 195930
Ion Ratio Lower Upper
112 100
114 31.8 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: VN061354.D

Acq: 8 May 2020 12:17

Instrument :

MSVOA_N

ClientSampleId :

SS037MW036-200504DL

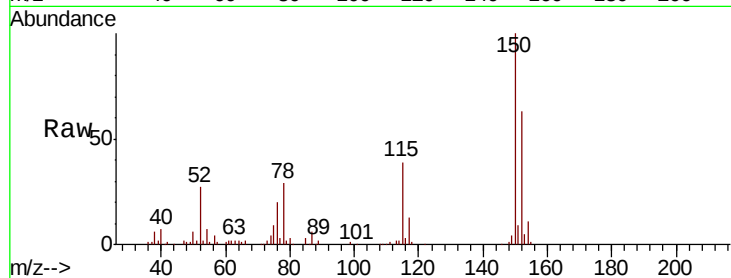
Tot Ion:152 Resp: 62424

Ion Ratio Lower Upper

152 100

115 61.3 31.0 93.0

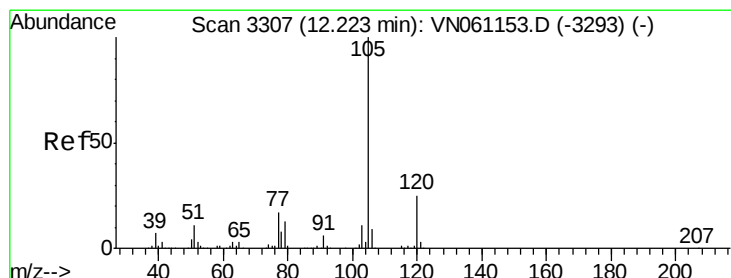
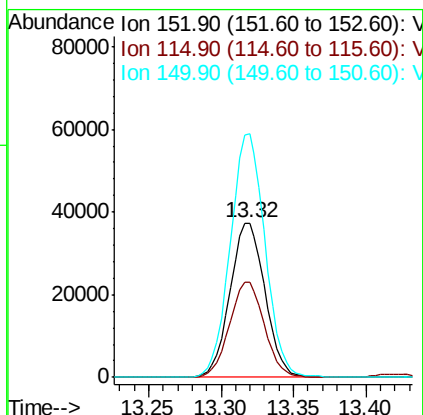
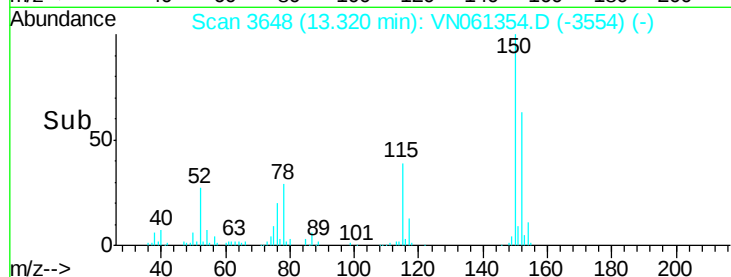
150 156.6 0.0 351.8



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



#73

Isopropylbenzene

Concen: 0.451 ug/l

RT: 12.22 min Scan# 3307

Delta R.T. 0.00 min

Lab File: VN061354.D

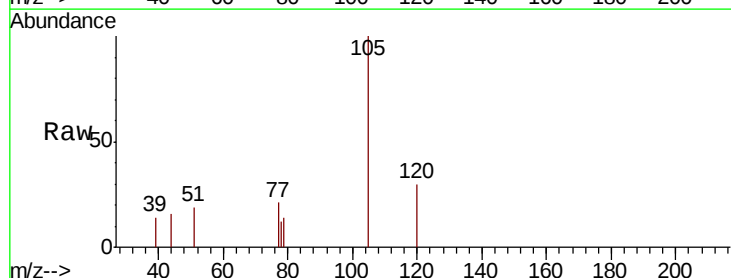
Acq: 8 May 2020 12:17

Tgt Ion:105 Resp: 2069

Ion Ratio Lower Upper

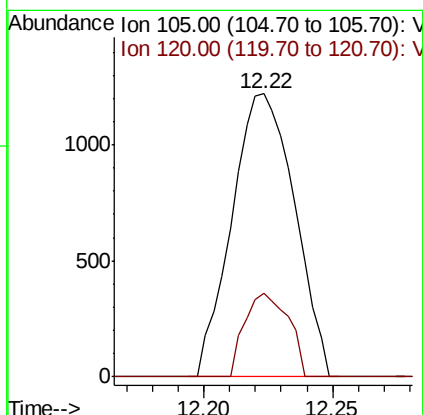
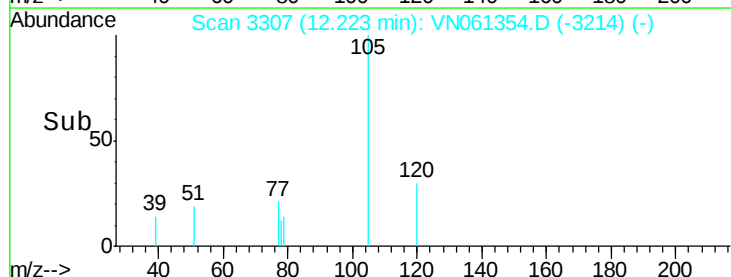
105 100

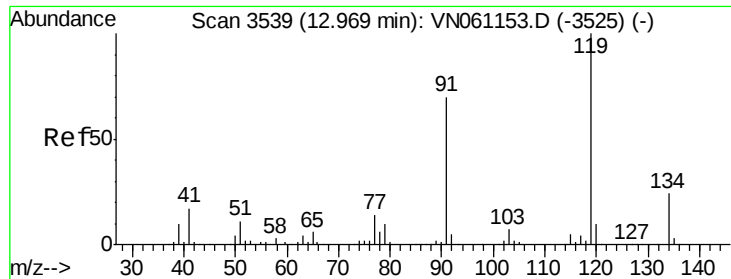
120 20.5 12.6 37.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#83

tert-Butylbenzene

Concen: 1.059 ug/l

RT: 12.97 min Scan# 3539

Delta R.T. 0.00 min

Lab File: VN061354.D

Acq: 8 May 2020 12:17

Instrument :

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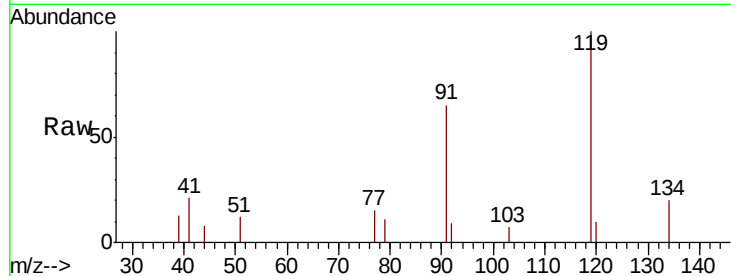
Tot Ion:119 Resp: 3392

Ion Ratio Lower Upper

119 100

91 70.3 34.8 104.4

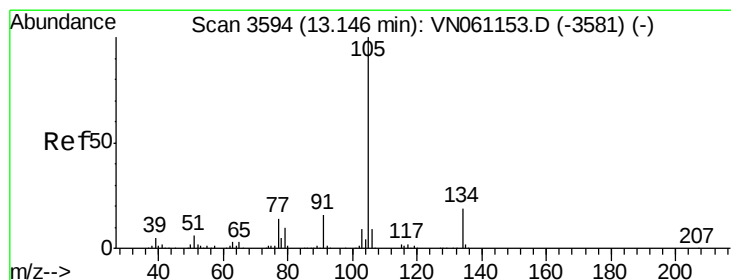
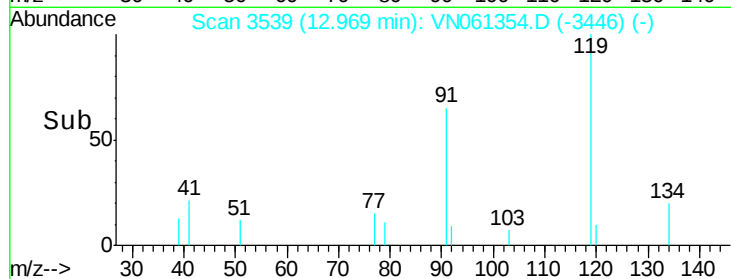
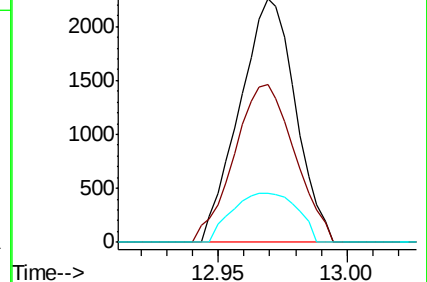
134 23.6 12.9 38.7



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VN

Ion 134.00 (133.70 to 134.70): V



#85

sec-Butylbenzene

Concen: 0.880 ug/l

RT: 13.15 min Scan# 3595

Delta R.T. 0.00 min

Lab File: VN061354.D

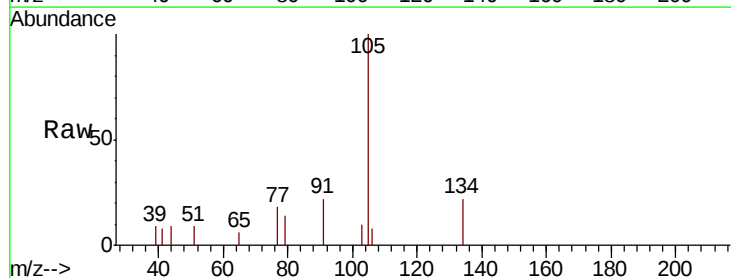
Acq: 8 May 2020 12:17

Tgt Ion:105 Resp: 3841

Ion Ratio Lower Upper

105 100

134 36.1 9.6 28.8#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

