

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN050720\
 Data File : VN061344.D
 Acq On : 7 May 2020 19:12
 Operator : JC/MD
 Sample : L2544-01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SS037MW036-200504

Quant Time: May 08 09:28:57 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

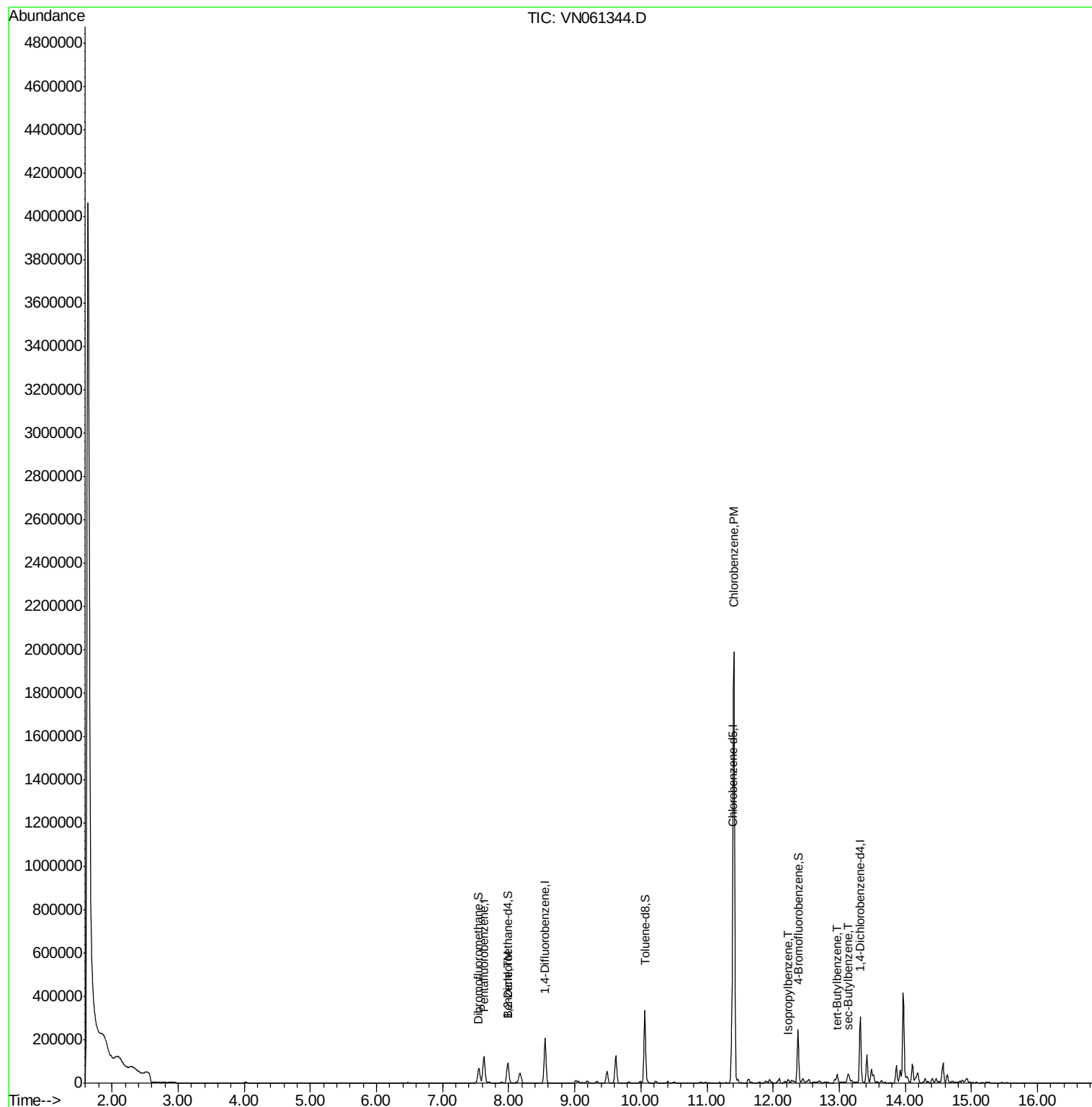
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	92951	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	170928	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	166494	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	74610	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	79022	53.73	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.46%	
35) Dibromofluoromethane	7.55	113	51892	51.34	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.68%	
50) Toluene-d8	10.06	98	216950	52.65	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.30%	
62) 4-Bromofluorobenzene	12.38	95	81306	52.44	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.88%	
Target Compounds						
40) Benzene	8.00	78	2254	0.442	ug/l #	88
65) Chlorobenzene	11.41	112	981822	297.279	ug/l	100
73) Isopropylbenzene	12.22	105	8574	1.563	ug/l	100
83) tert-Butylbenzene	12.97	119	16865	4.406	ug/l	92
85) sec-Butylbenzene	13.15	105	18921	3.626	ug/l #	54

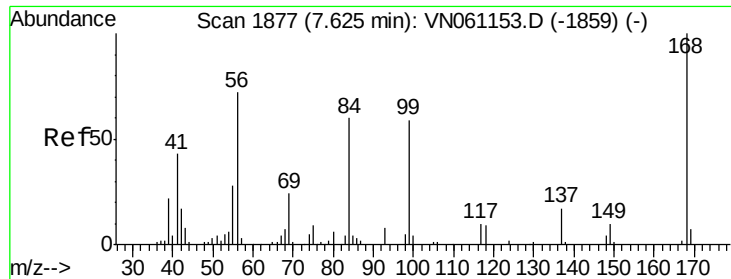
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN061344.D

Acq: 7 May 2020 19:12

Instrument :

MSVOA_N

ClientSampleId :

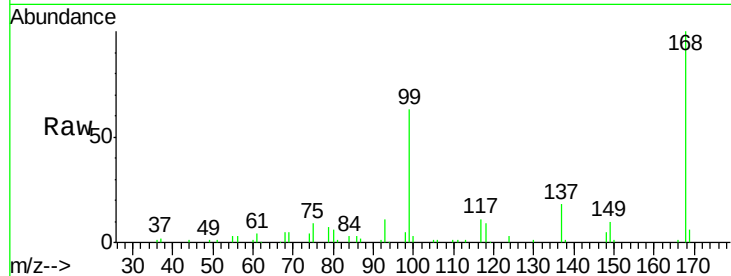
SS037MW036-200504

Tot Ion:168 Resp: 92951

Ion Ratio Lower Upper

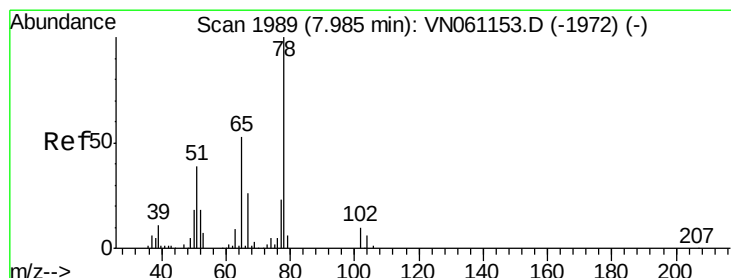
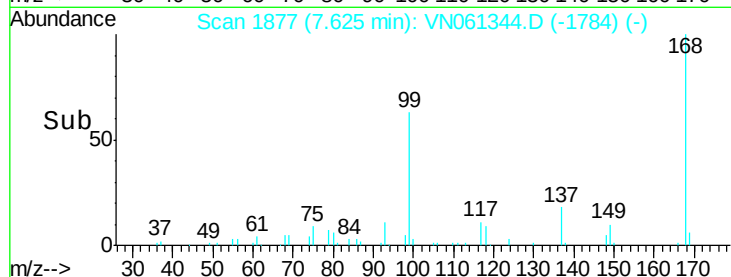
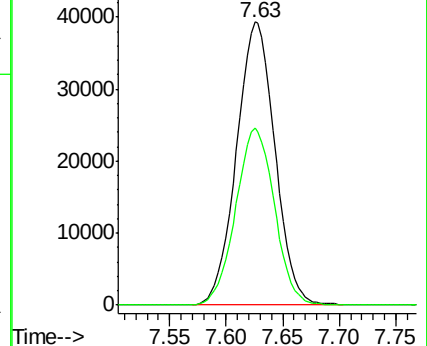
168 100

99 62.5 51.2 76.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0



#33

1,2-Dichloroethane-d4

Concen: 53.728 ug/l

RT: 7.99 min Scan# 1990

Delta R.T. 0.00 min

Lab File: VN061344.D

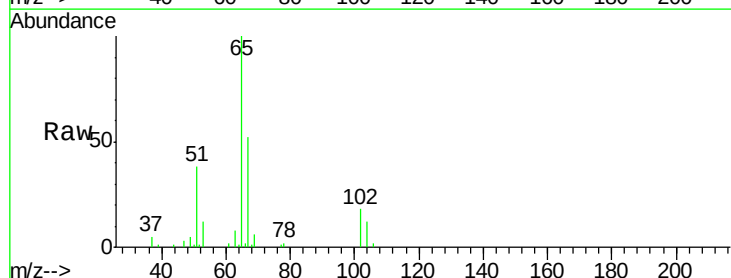
Acq: 7 May 2020 19:12

Tgt Ion: 65 Resp: 79022

Ion Ratio Lower Upper

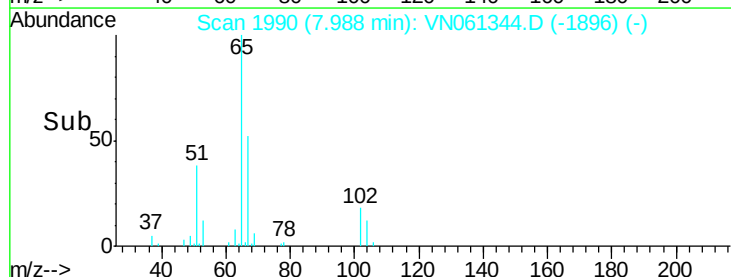
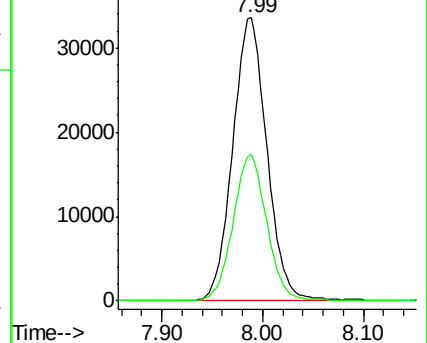
65 100

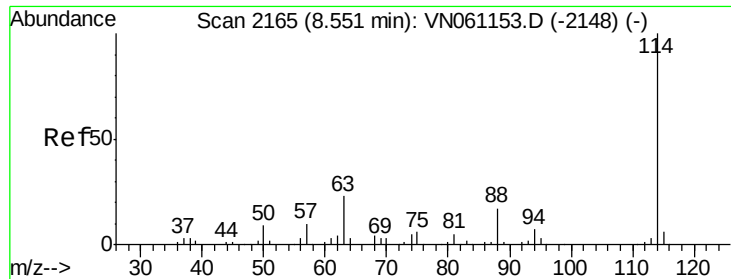
67 50.8 0.0 101.6



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

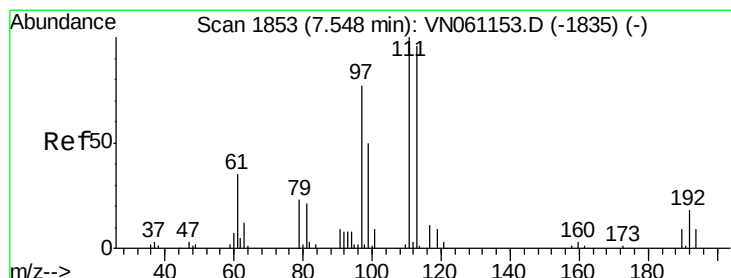
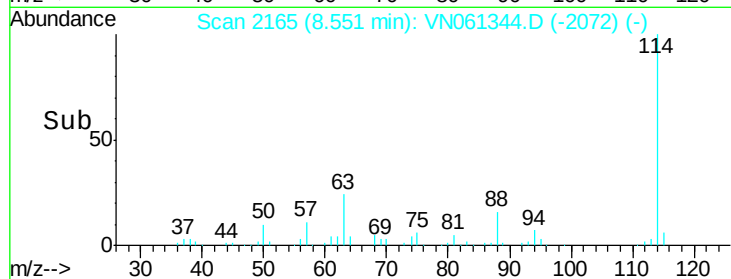
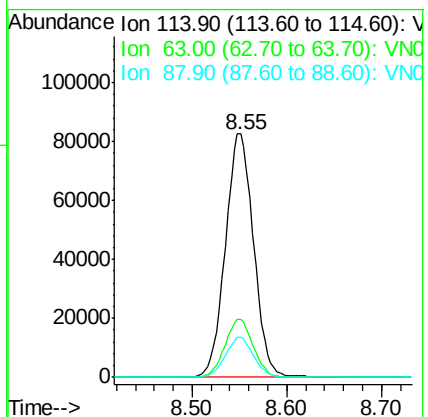
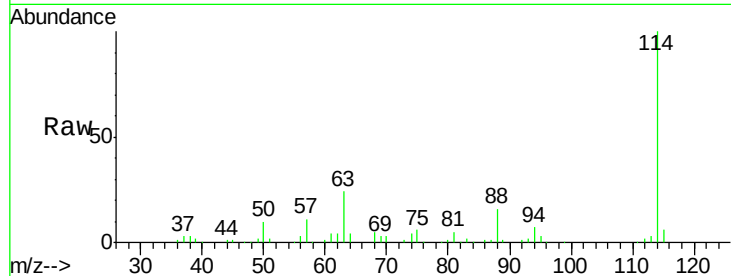




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2165
 Delta R.T. 0.00 min
 Lab File: VN061344.D
 Acq: 7 May 2020 19:12

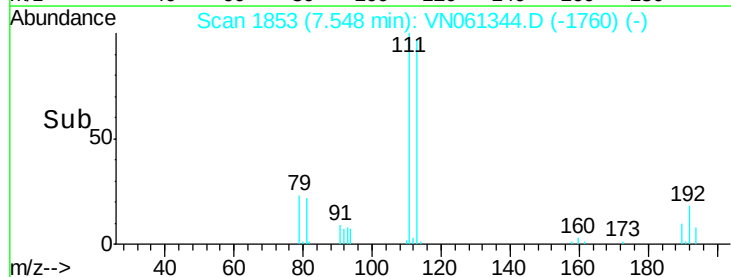
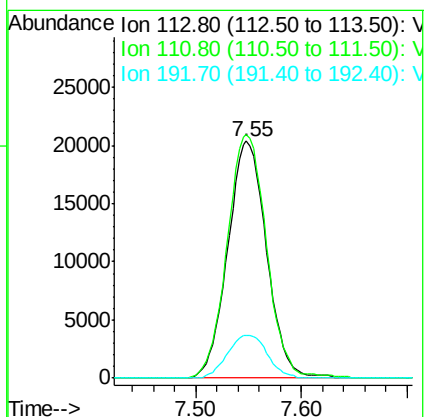
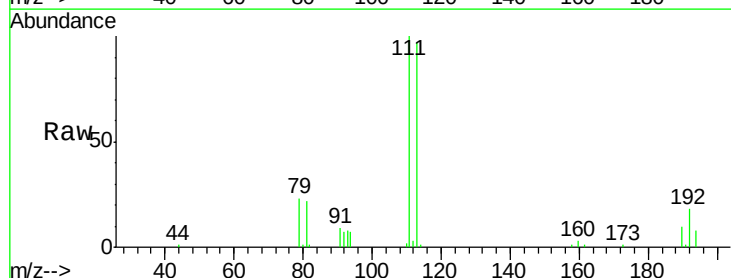
Instrument :
 MSVOA_N
 ClientSampleId :
 SS037MW036-200504

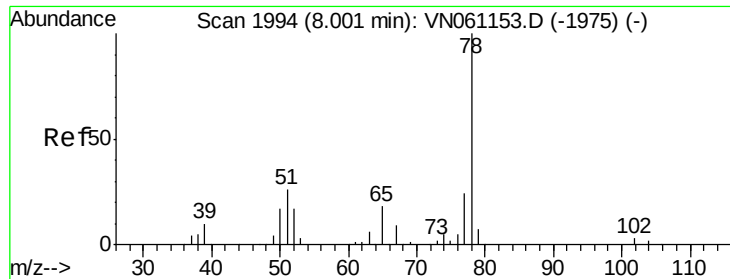
Tot Ion:114 Resp: 170928
 Ion Ratio Lower Upper
 114 100
 63 23.9 0.0 46.6
 88 16.5 0.0 33.4



#35
 Dibromofluoromethane
 Concen: 51.341 ug/l
 RT: 7.55 min Scan# 1853
 Delta R.T. 0.00 min
 Lab File: VN061344.D
 Acq: 7 May 2020 19:12

Tgt Ion:113 Resp: 51892
 Ion Ratio Lower Upper
 113 100
 111 104.0 82.9 124.3
 192 18.4 14.7 22.1





#40

Benzene

Concen: 0.442 ug/l

RT: 8.00 min Scan# 1993

Delta R.T. -0.00 min

Lab File: VN061344.D

Acq: 7 May 2020 19:12

Instrument :

MSVOA_N

ClientSampleId :

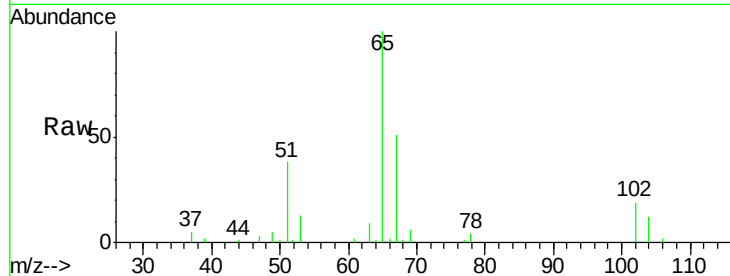
SS037MW036-200504

Tot Ion: 78 Resp: 2254

Ion Ratio Lower Upper

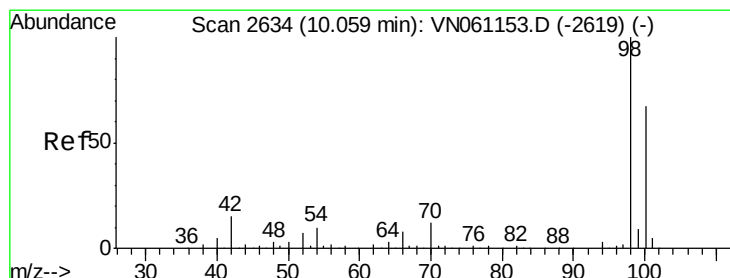
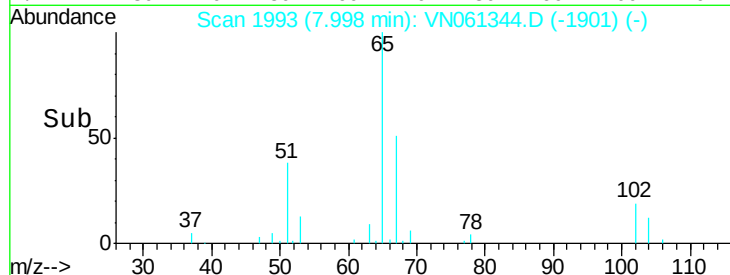
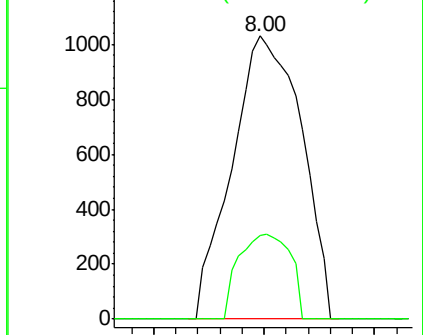
78 100

77 29.5 19.0 28.6#



Abundance Ion 78.00 (77.70 to 78.70): VN0

Ion 77.00 (76.70 to 77.70): VN0



#50

Toluene-d8

Concen: 52.654 ug/l

RT: 10.06 min Scan# 2634

Delta R.T. 0.00 min

Lab File: VN061344.D

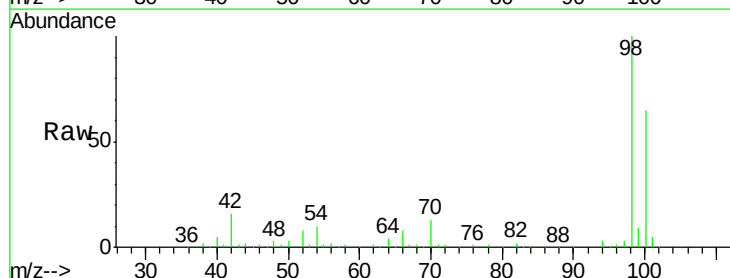
Acq: 7 May 2020 19:12

Tgt Ion: 98 Resp: 216950

Ion Ratio Lower Upper

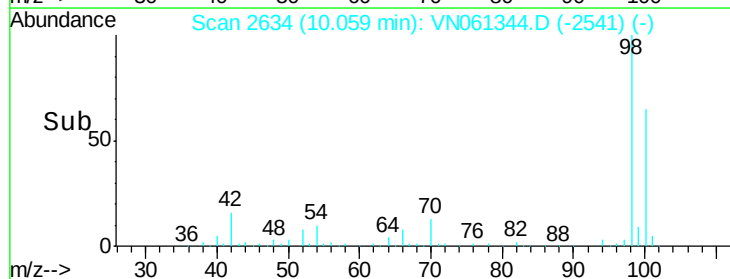
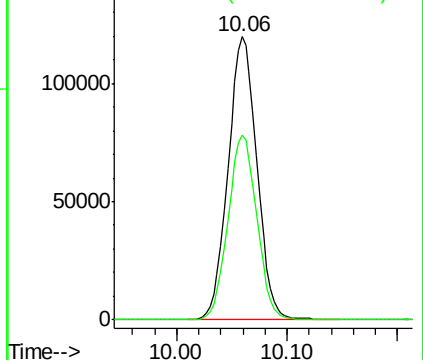
98 100

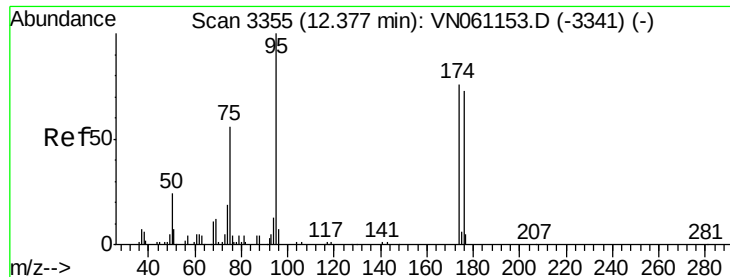
100 65.3 53.4 80.0



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0





#62

4-Bromofluorobenzene

Concen: 52.437 ug/l

RT: 12.38 min Scan# 3355

Delta R.T. 0.00 min

Lab File: VN061344.D

Acq: 7 May 2020 19:12

Instrument :

MSVOA_N

ClientSampleId :

SS037MW036-200504

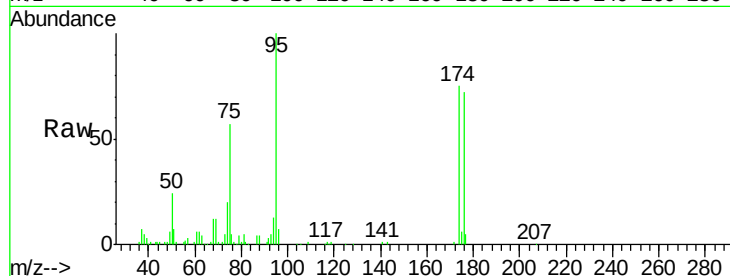
Tot Ion: 95 Resp: 81306

Ion Ratio Lower Upper

95 100

174 73.9 0.0 149.4

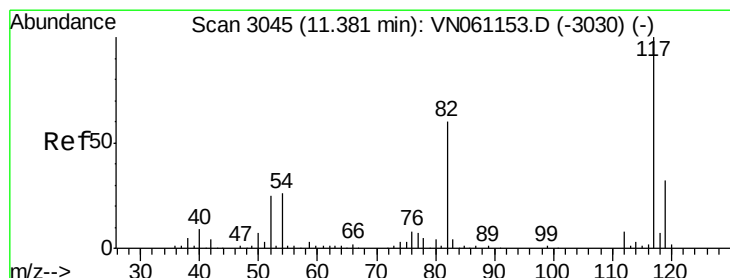
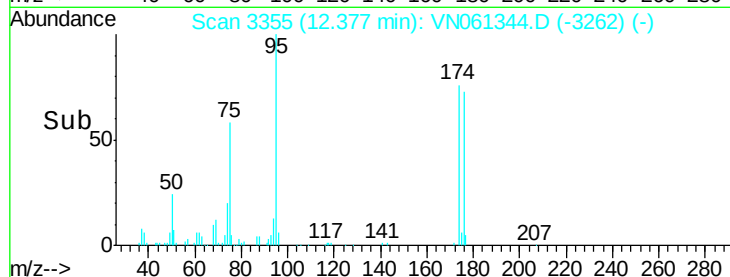
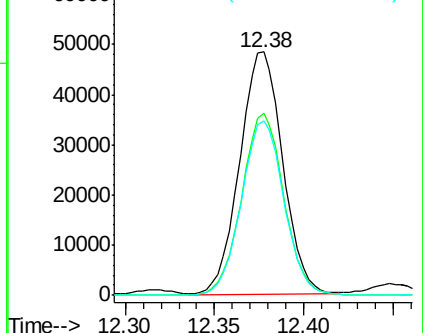
176 71.2 0.0 144.8



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

Ion 173.80 (173.50 to 174.50): VN061153.D (-3341) (-)

Ion 175.80 (175.50 to 176.50): 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: VN061344.D

Acq: 7 May 2020 19:12

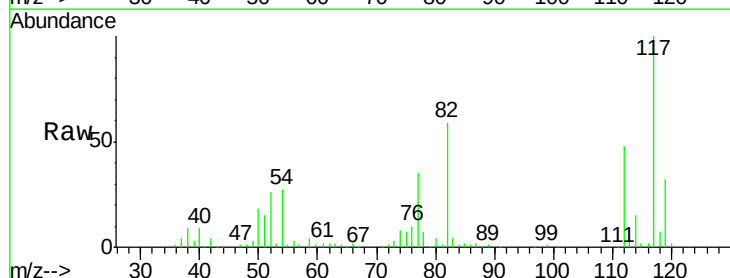
Tgt Ion: 117 Resp: 166494

Ion Ratio Lower Upper

117 100

82 59.5 47.8 71.8

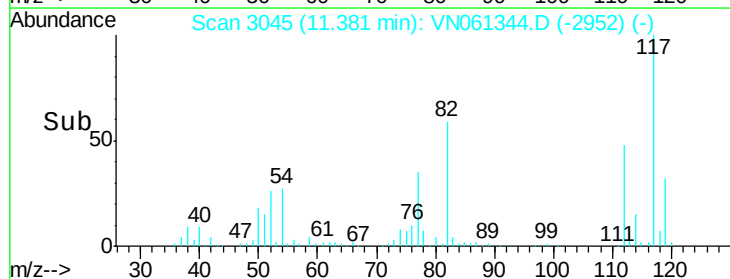
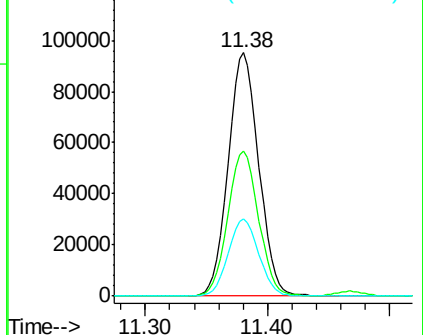
119 31.8 25.8 38.6

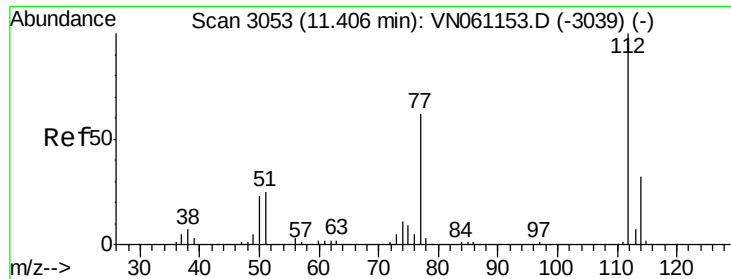


Abundance Ion 116.90 (116.60 to 117.60): VN061153.D (-3030) (-)

Ion 82.00 (81.70 to 82.70): VN061153.D (-3030) (-)

Ion 118.90 (118.60 to 119.60): VN061153.D (-3030) (-)

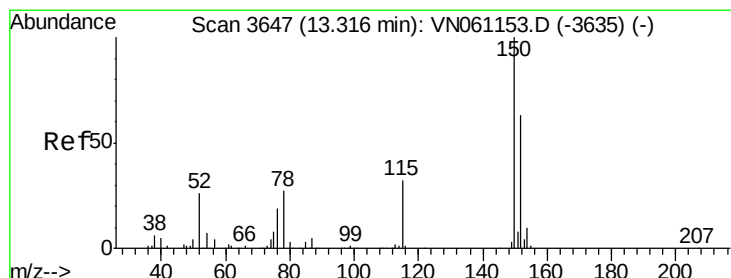
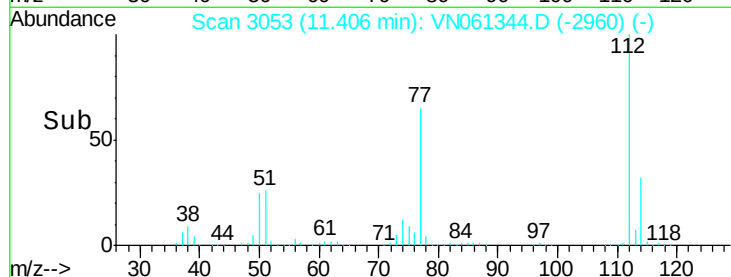
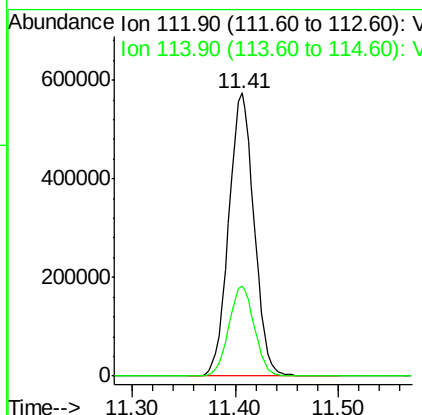
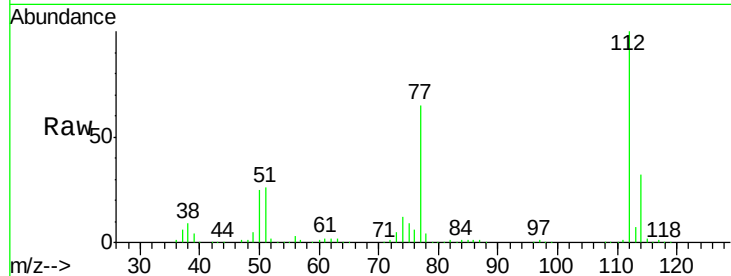




#65
Chlorobenzene
Concen: 297.279 ug/l
RT: 11.41 min Scan# 3053
Delta R.T. 0.00 min
Lab File: VN061344.D
Acq: 7 May 2020 19:12

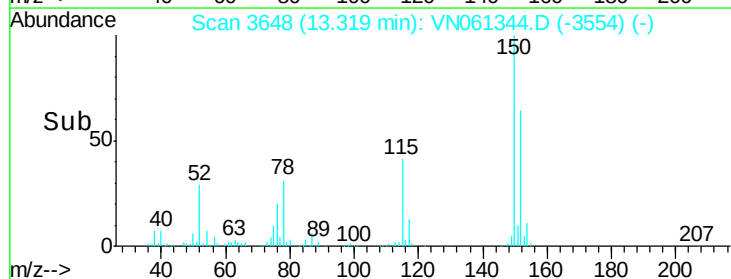
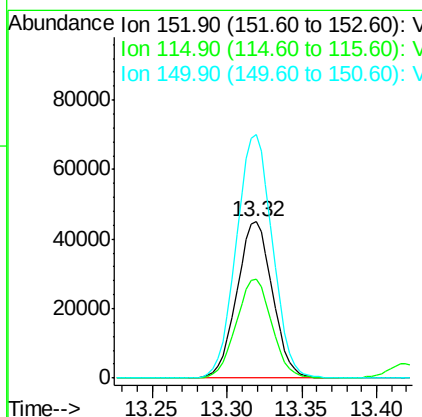
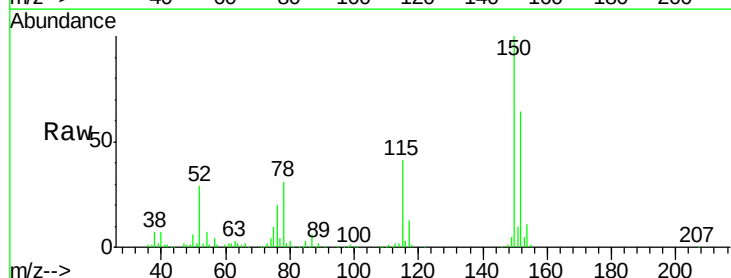
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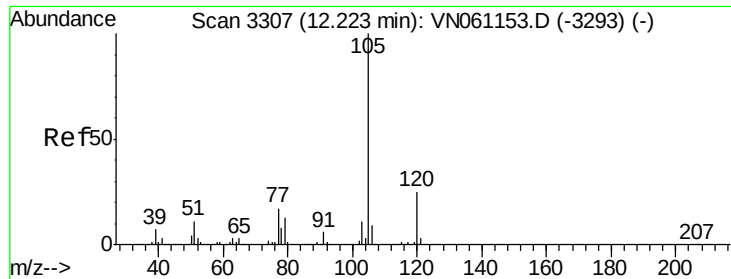
Tot Ion:112 Resp: 981822
Ion Ratio Lower Upper
112 100
114 32.0 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3648
Delta R.T. 0.00 min
Lab File: VN061344.D
Acq: 7 May 2020 19:12

Tgt Ion:152 Resp: 74610
Ion Ratio Lower Upper
152 100
115 63.2 31.0 93.0
150 158.4 0.0 351.8





#73

Isopropylbenzene

Concen: 1.563 ug/l

RT: 12.22 min Scan# 3307

Delta R.T. 0.00 min

Lab File: VN061344.D

Acq: 7 May 2020 19:12

Instrument :

MSVOA_N

ClientSampleId :

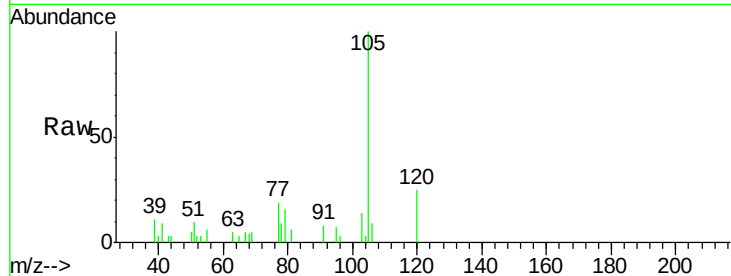
SS037MW036-200504

Tot Ion:105 Resp: 8574

Ion Ratio Lower Upper

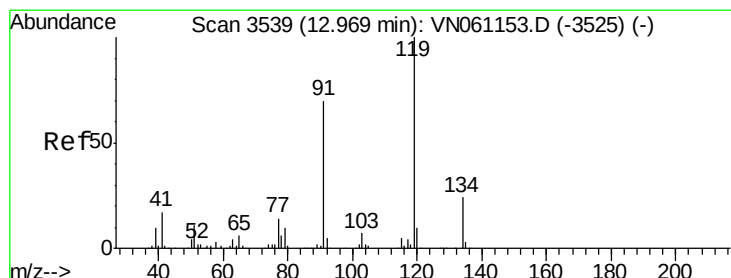
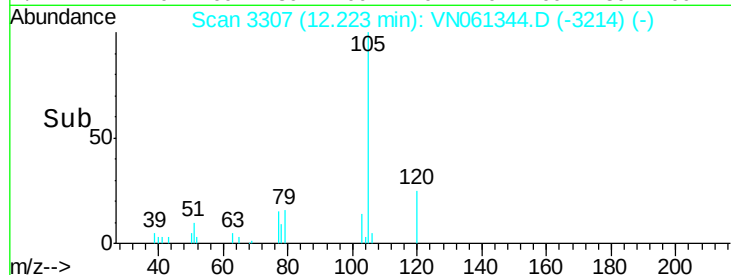
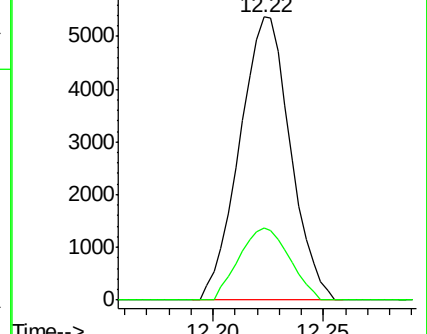
105 100

120 25.3 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: 4.406 ug/l

RT: 12.97 min Scan# 3539

Delta R.T. 0.00 min

Lab File: VN061344.D

Acq: 7 May 2020 19:12

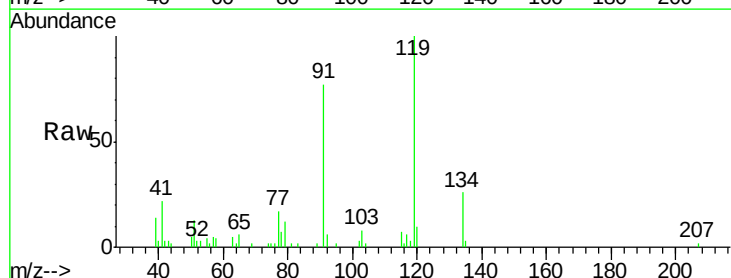
Tgt Ion:119 Resp: 16865

Ion Ratio Lower Upper

119 100

91 77.3 34.8 104.4

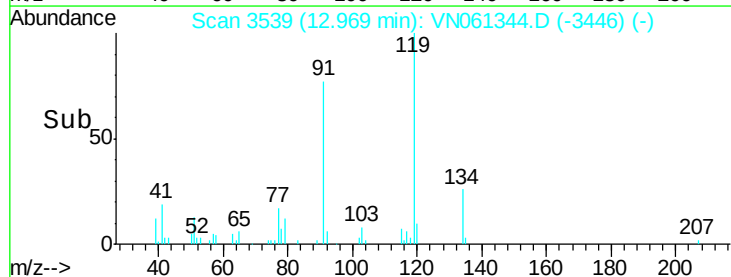
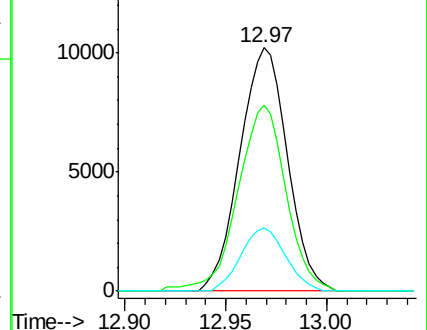
134 24.4 12.9 38.7

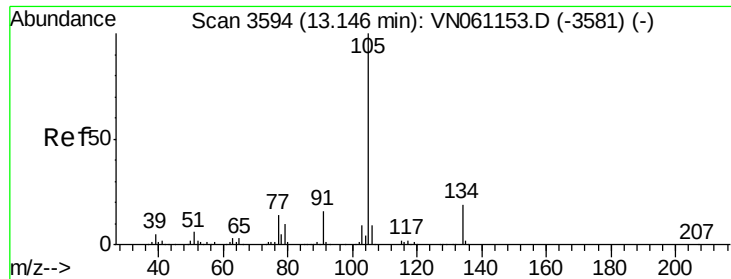


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): V

Ion 134.00 (133.70 to 134.70): V





#85

sec-Butylbenzene

Concen: 3.626 ug/l

RT: 13.15 min Scan# 3595

Delta R.T. 0.00 min

Lab File: VN061344.D

Acq: 7 May 2020 19:12

Instrument :

MSVOA_N

ClientSampleId :

SS037MW036-200504

Tot Ion:105 Resp: 18921

Ion Ratio Lower Upper

105 100

134 40.0 9.6 28.8#

