

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN050820\
 Data File : VN061360.D
 Acq On : 8 May 2020 14:36
 Operator : JC/MD
 Sample : L2544-11
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SS038MW009-200505

Quant Time: May 11 02:54:52 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	99710	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	181963	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	176327	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	82501	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.99	65	82658	52.39	ug/l	0.00
Spiked Amount			Recovery	=	104.78%	
35) Dibromofluoromethane	7.55	113	53822	50.02	ug/l	0.00
Spiked Amount			Recovery	=	100.04%	
50) Toluene-d8	10.06	98	227007	51.75	ug/l	0.00
Spiked Amount			Recovery	=	103.50%	
62) 4-Bromofluorobenzene	12.38	95	91311	55.32	ug/l	0.00
Spiked Amount			Recovery	=	110.64%	

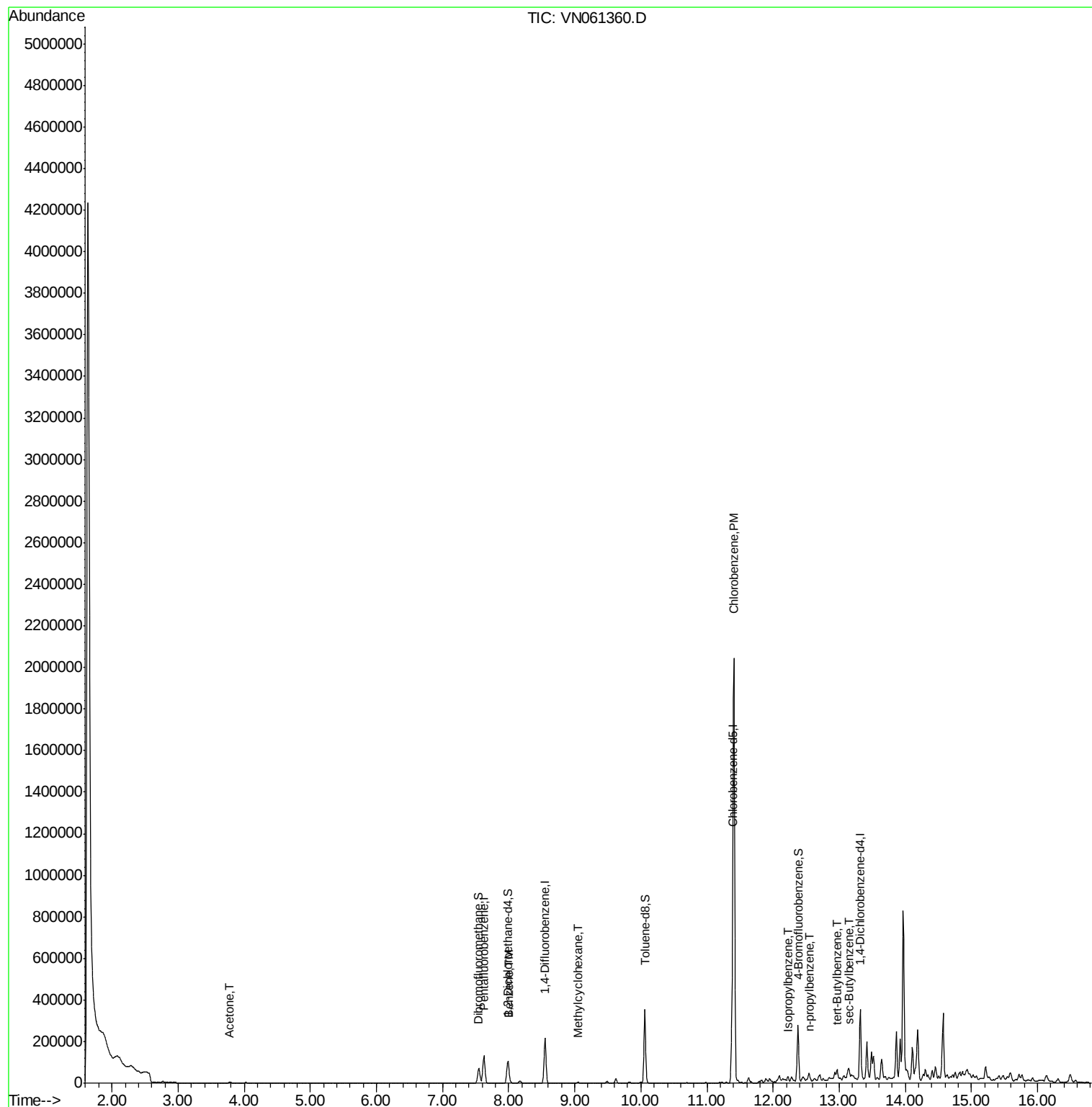
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.78	43	8688	8.911	ug/l	100
39) Methylcyclohexane	9.04	83	1058	0.518	ug/l #	91
40) Benzene	8.00	78	19916	3.670	ug/l	98
65) Chlorobenzene	11.41	112	1009906	288.730	ug/l	99
73) Isopropylbenzene	12.22	105	13515	2.228	ug/l	98
78) n-propylbenzene	12.56	91	8400	1.168	ug/l	94
83) tert-Butylbenzene	12.97	119	22296	5.268	ug/l	92
85) sec-Butylbenzene	13.15	105	26783	4.641	ug/l #	65

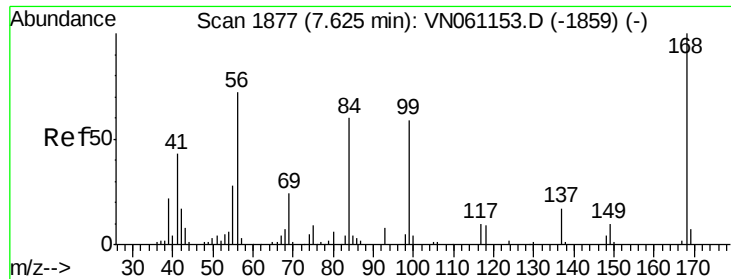
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN061360.D

Acq: 8 May 2020 14:36

Instrument :

MSVOA_N

ClientSampleId :

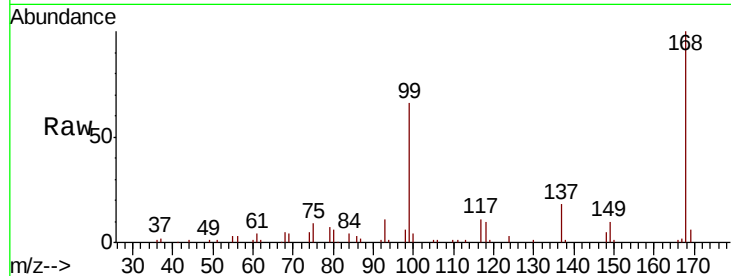
SS038MW009-200505

Tot Ion:168 Resp: 99710

Ion Ratio Lower Upper

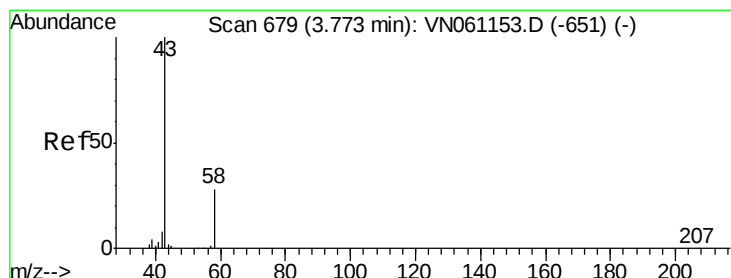
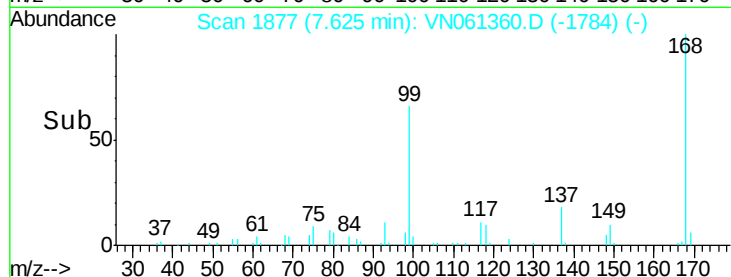
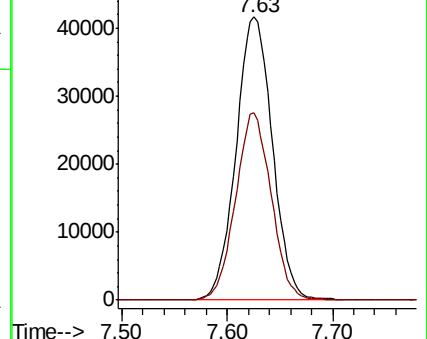
168 100

99 66.4 51.2 76.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN



#16

Acetone

Concen: 8.911 ug/l

RT: 3.78 min Scan# 681

Delta R.T. 0.01 min

Lab File: VN061360.D

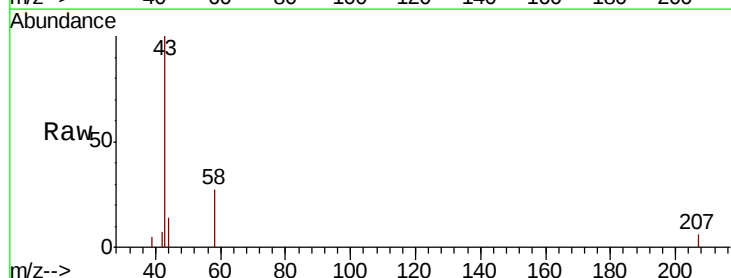
Acq: 8 May 2020 14:36

Tgt Ion: 43 Resp: 8688

Ion Ratio Lower Upper

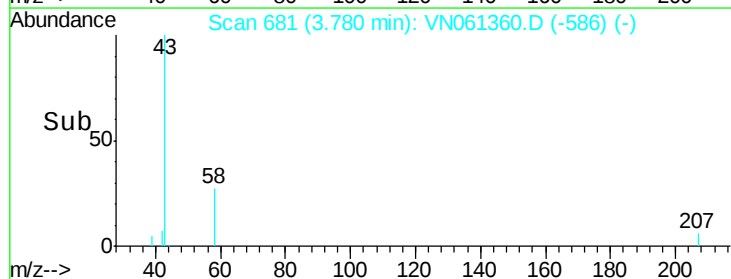
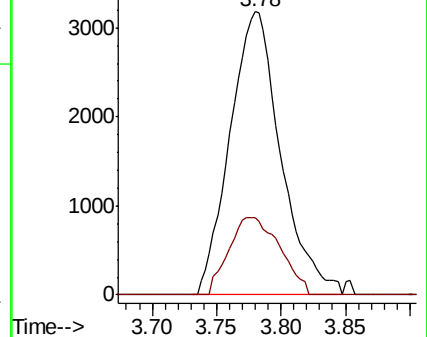
43 100

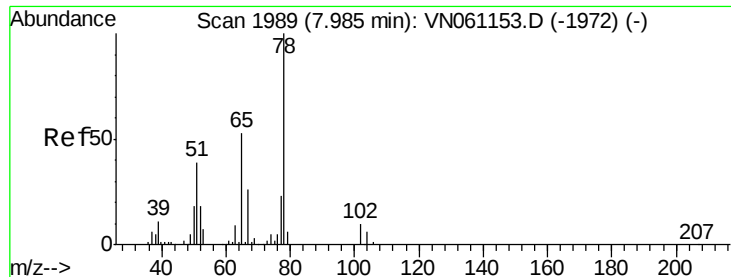
58 27.5 22.2 33.2



Abundance Ion 43.00 (42.70 to 43.70): VN

Ion 58.00 (57.70 to 58.70): VN





#33

1,2-Dichloroethane-d4

Concen: 52.391 ug/l

RT: 7.99 min Scan# 1990

Delta R.T. 0.00 min

Lab File: VN061360.D

Acq: 8 May 2020 14:36

Instrument :

MSVOA_N

ClientSampleId :

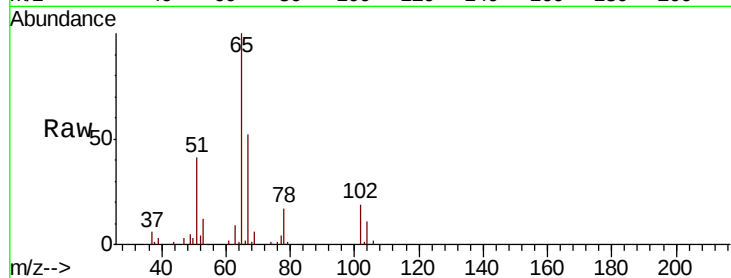
SS038MW009-200505

Tot Ion: 65 Resp: 82658

Ion Ratio Lower Upper

65 100

67 51.4 0.0 101.6



Abundance Ion 64.90 (64.60 to 65.60): VN061360.D (-1896) (-)

Ion 66.90 (66.60 to 67.60): VN061360.D (-1896) (-)

7.99

40000

30000

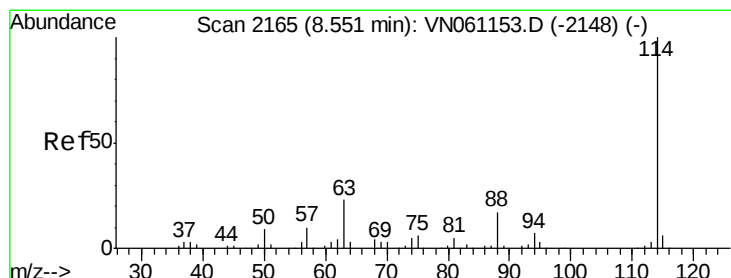
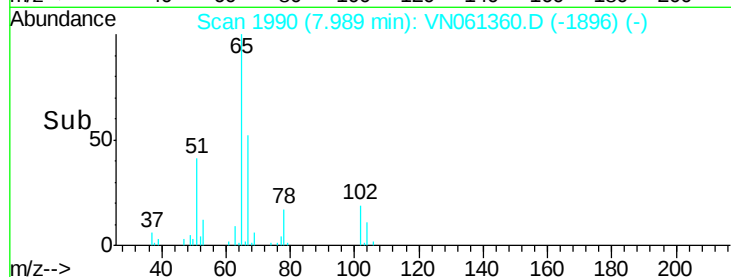
20000

10000

0

Time-->

7.90 8.00 8.10



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.55 min Scan# 2165

Delta R.T. 0.00 min

Lab File: VN061360.D

Acq: 8 May 2020 14:36

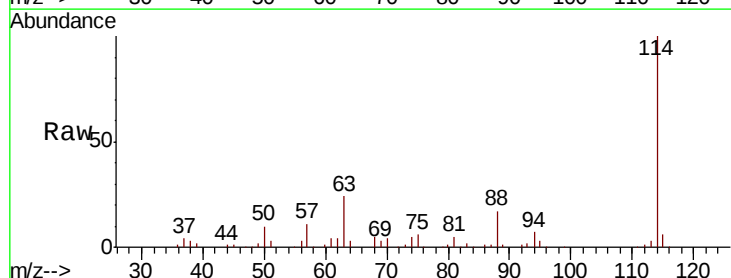
Tgt Ion: 114 Resp: 181963

Ion Ratio Lower Upper

114 100

63 24.2 0.0 46.6

88 16.6 0.0 33.4



Abundance Ion 113.90 (113.60 to 114.60): VN061360.D (-2072) (-)

Ion 63.00 (62.70 to 63.70): VN061360.D (-2072) (-)

Ion 87.90 (87.60 to 88.60): VN061360.D (-2072) (-)

8.55

120000

100000

80000

60000

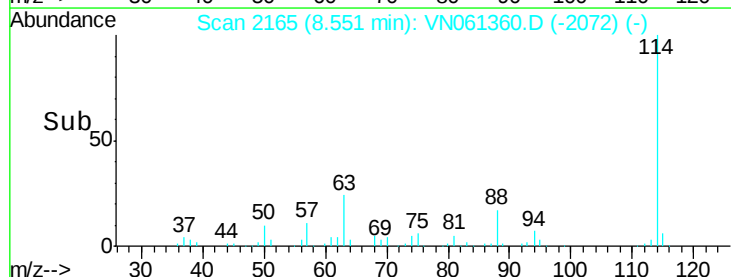
40000

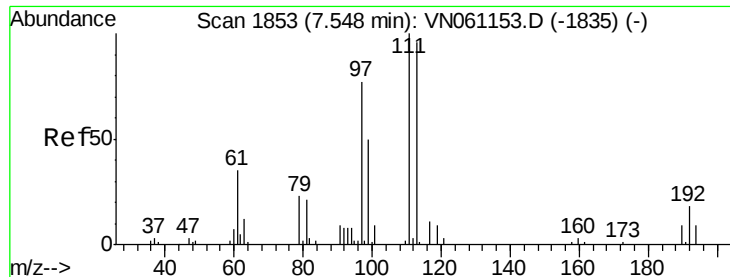
20000

0

Time-->

8.50 8.60





#35

Dibromofluoromethane

Concen: 50.021 ug/l

RT: 7.55 min Scan# 1853

Delta R.T. 0.00 min

Lab File: VN061360.D

Acq: 8 May 2020 14:36

Instrument :

MSVOA_N

ClientSampleId :

SS038MW009-200505

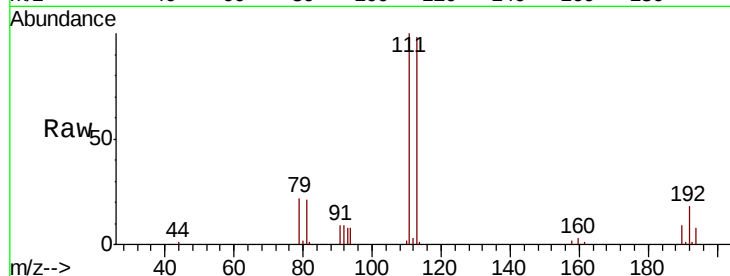
Tot Ion:113 Resp: 53822

Ion Ratio Lower Upper

113 100

111 102.5 82.9 124.3

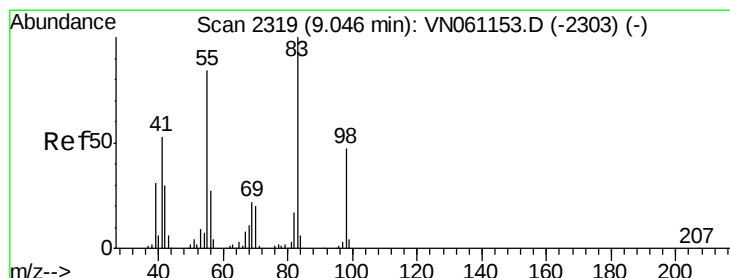
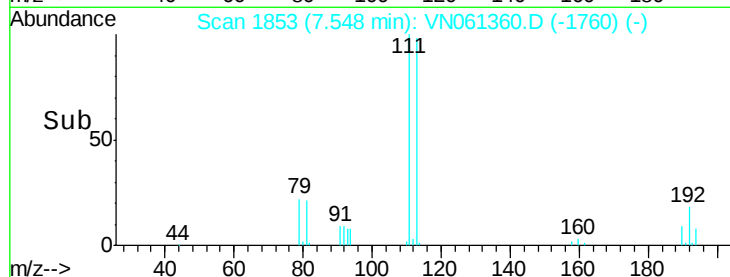
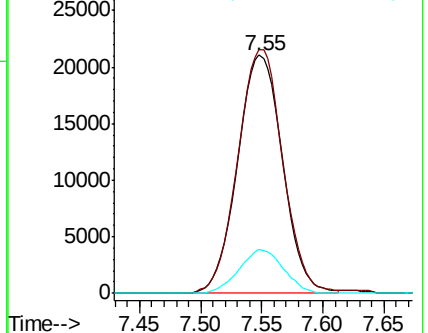
192 18.0 14.7 22.1



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



#39

Methylcyclohexane

Concen: 0.518 ug/l

RT: 9.04 min Scan# 2318

Delta R.T. -0.00 min

Lab File: VN061360.D

Acq: 8 May 2020 14:36

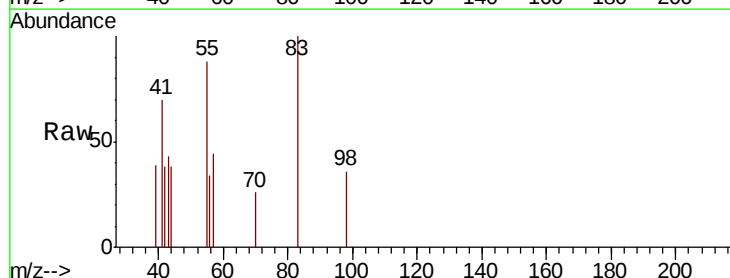
Tgt Ion: 83 Resp: 1058

Ion Ratio Lower Upper

83 100

55 88.1 67.3 100.9

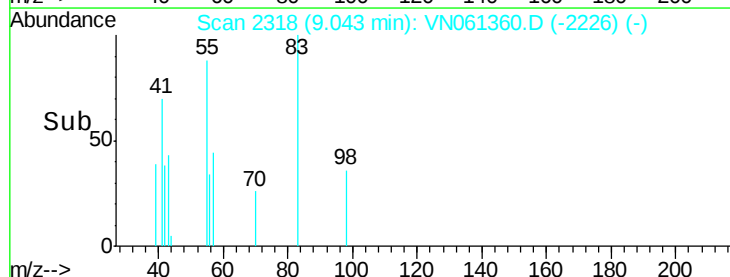
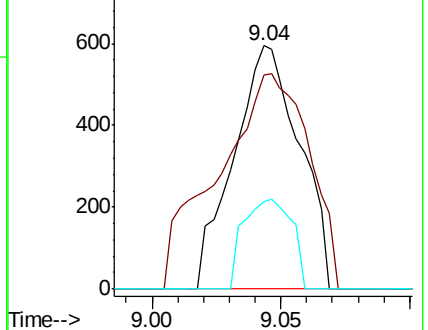
98 36.0 37.7 56.5#

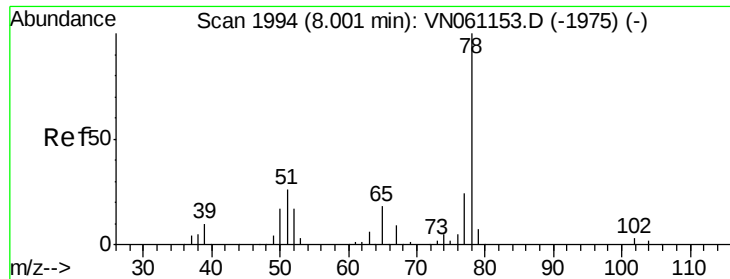


Abundance Ion 83.00 (82.70 to 83.70): VNO

Ion 55.00 (54.70 to 55.70): VNO

Ion 98.00 (97.70 to 98.70): VNO





#40

Benzene

Concen: 3.670 ug/l

RT: 8.00 min Scan# 1995

Delta R.T. 0.00 min

Lab File: VN061360.D

Acq: 8 May 2020 14:36

Instrument :

MSVOA_N

ClientSampleId :

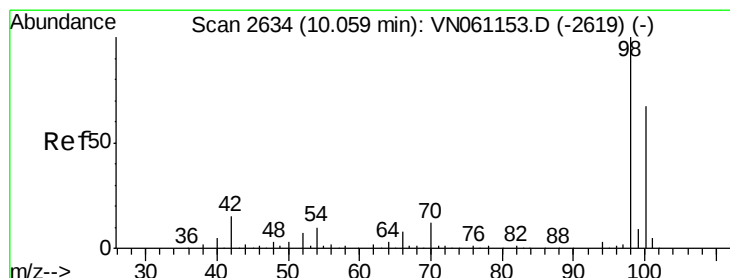
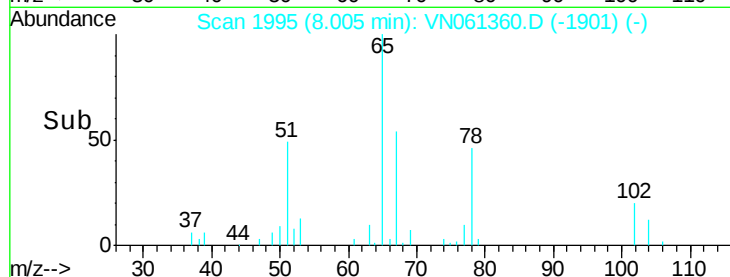
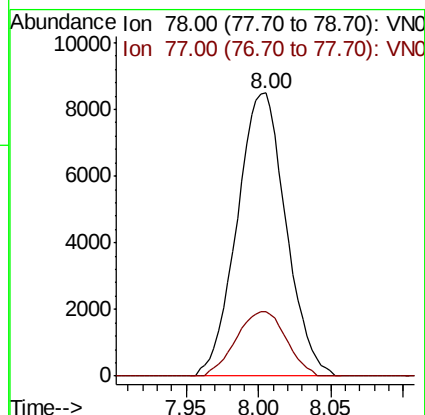
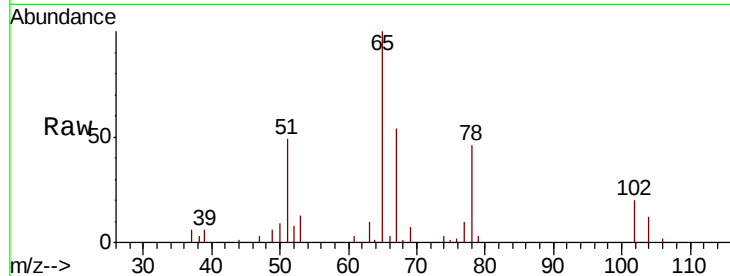
SS038MW009-200505

Tot Ion: 78 Resp: 19916

Ion Ratio Lower Upper

78 100

77 22.7 19.0 28.6



#50

Toluene-d8

Concen: 51.754 ug/l

RT: 10.06 min Scan# 2634

Delta R.T. 0.00 min

Lab File: VN061360.D

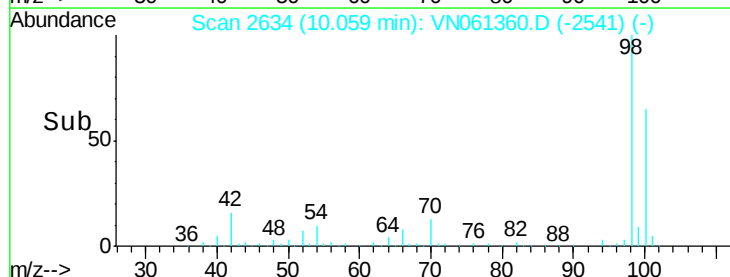
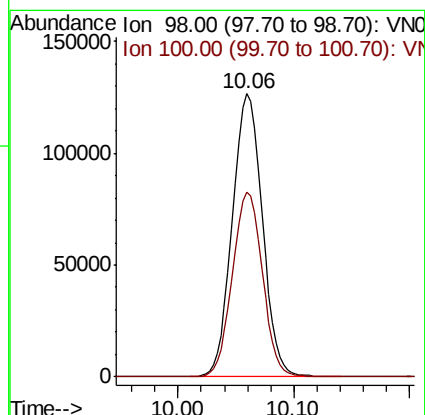
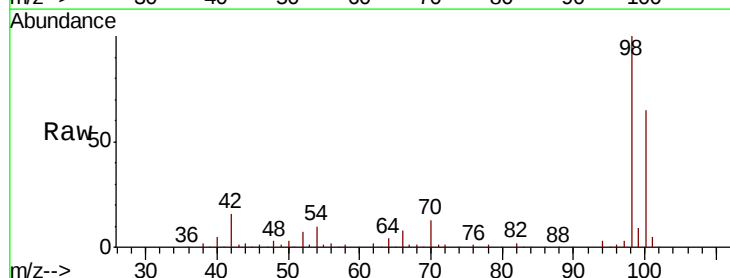
Acq: 8 May 2020 14:36

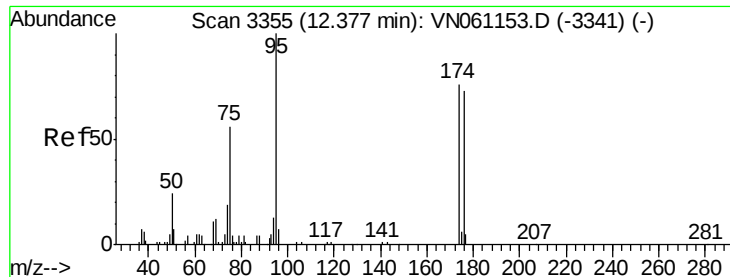
Tgt Ion: 98 Resp: 227007

Ion Ratio Lower Upper

98 100

100 65.4 53.4 80.0





#62

4-Bromofluorobenzene

Concen: 55.319 ug/l

RT: 12.38 min Scan# 3355

Delta R.T. 0.00 min

Lab File: VN061360.D

Acq: 8 May 2020 14:36

Instrument :

MSVOA_N

ClientSampleId :

SS038MW009-200505

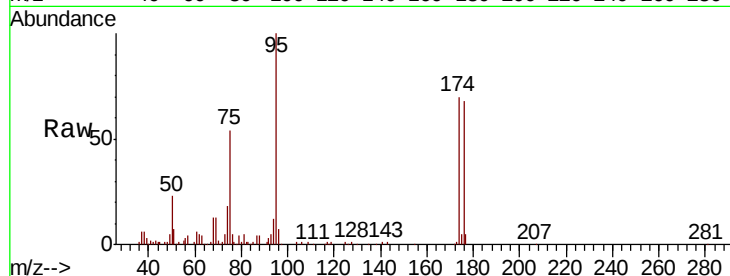
Tot Ion: 95 Resp: 91311

Ion Ratio Lower Upper

95 100

174 71.5 0.0 149.4

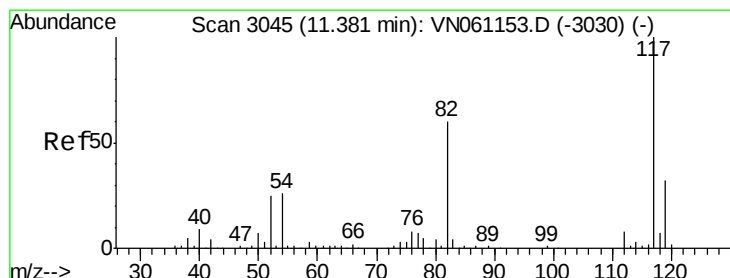
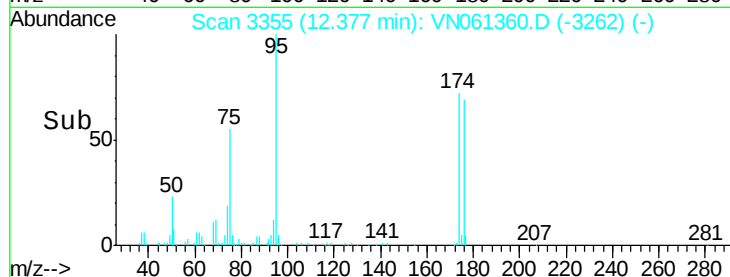
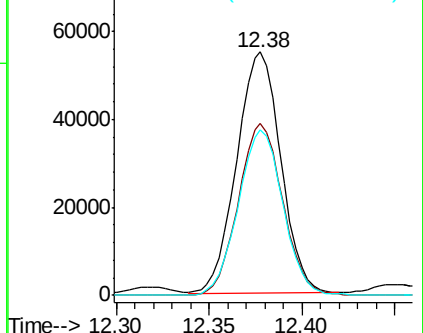
176 69.4 0.0 144.8



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: VN061360.D

Acq: 8 May 2020 14:36

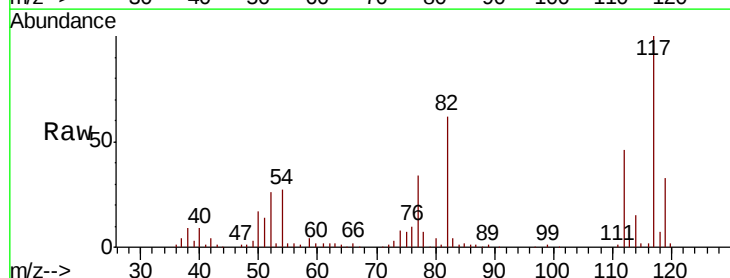
Tgt Ion: 117 Resp: 176327

Ion Ratio Lower Upper

117 100

82 61.8 47.8 71.8

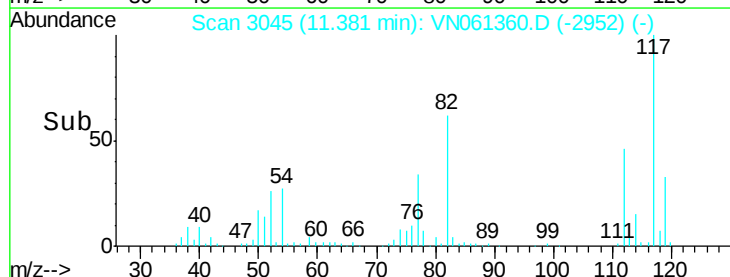
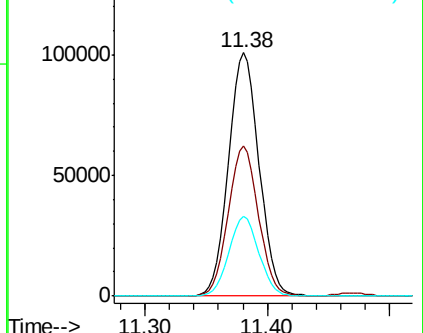
119 32.5 25.8 38.6

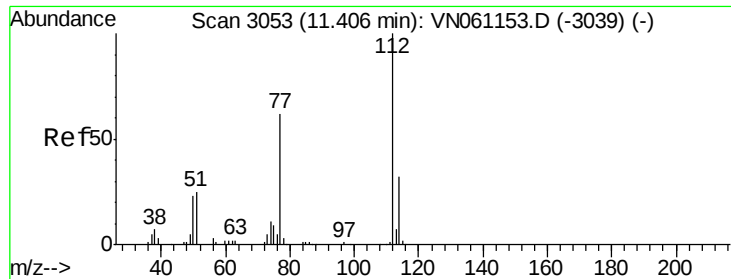


Abundance Ion 116.90 (116.60 to 117.60): VN061153.D (-3030) (-)

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

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

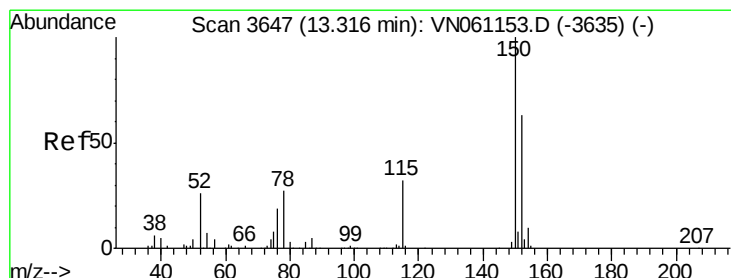
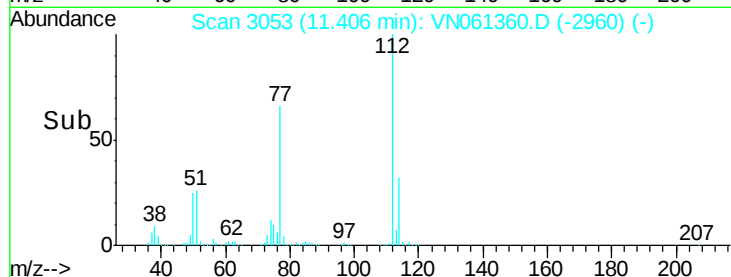
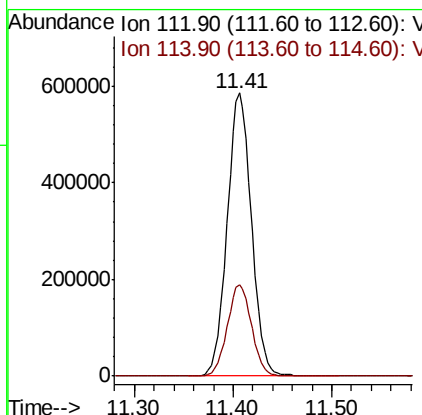
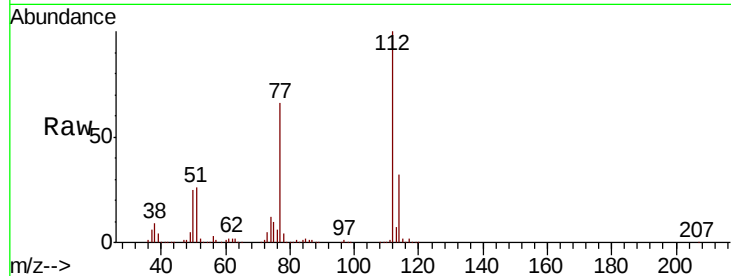




#65
Chlorobenzene
Concen: 288.730 ug/l
RT: 11.41 min Scan# 3053
Delta R.T. 0.00 min
Lab File: VN061360.D
Acq: 8 May 2020 14:36

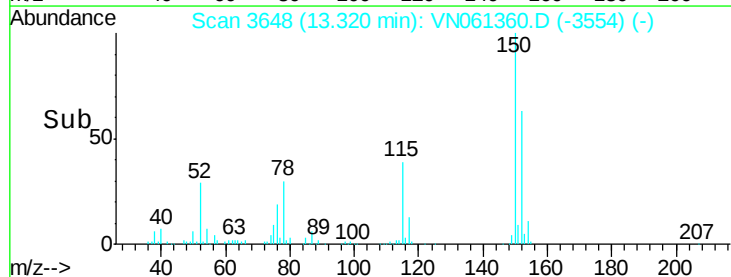
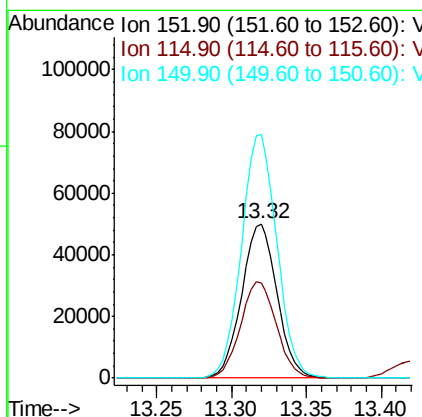
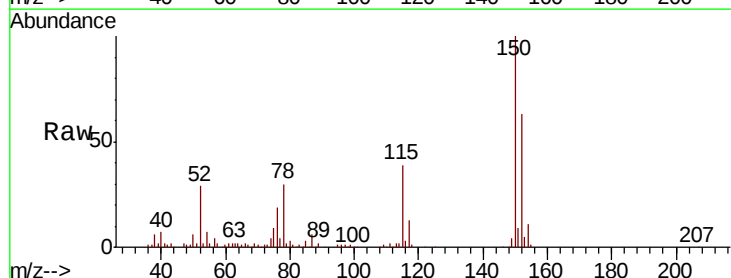
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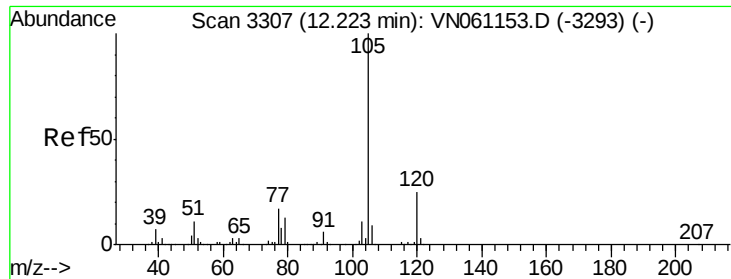
Tot Ion:112 Resp: 1009906
Ion Ratio Lower Upper
112 100
114 32.5 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3648
Delta R.T. 0.00 min
Lab File: VN061360.D
Acq: 8 May 2020 14:36

Tgt Ion:152 Resp: 82501
Ion Ratio Lower Upper
152 100
115 63.3 31.0 93.0
150 158.0 0.0 351.8





#73

Isopropylbenzene

Concen: 2.228 ug/l

RT: 12.22 min Scan# 3307

Delta R.T. 0.00 min

Lab File: VN061360.D

Acq: 8 May 2020 14:36

Instrument :

MSVOA_N

ClientSampleId :

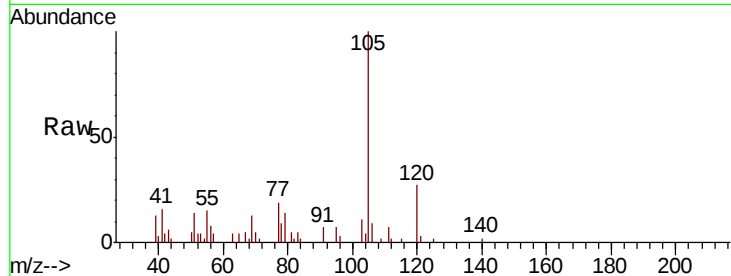
SS038MW009-200505

Tot Ion:105 Resp: 13515

Ion Ratio Lower Upper

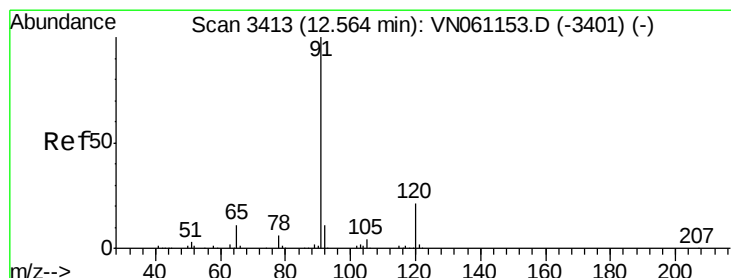
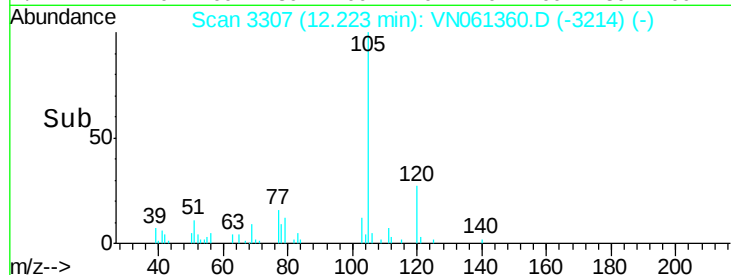
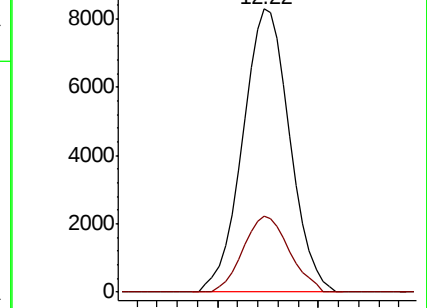
105 100

120 26.2 12.6 37.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#78

n-propylbenzene

Concen: 1.168 ug/l

RT: 12.56 min Scan# 3413

Delta R.T. 0.00 min

Lab File: VN061360.D

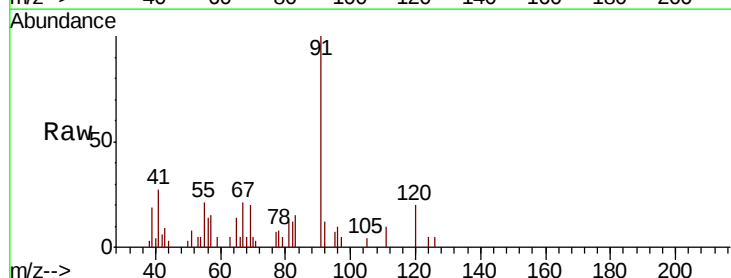
Acq: 8 May 2020 14:36

Tgt Ion: 91 Resp: 8400

Ion Ratio Lower Upper

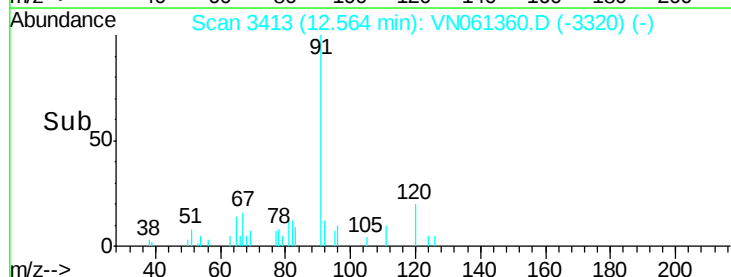
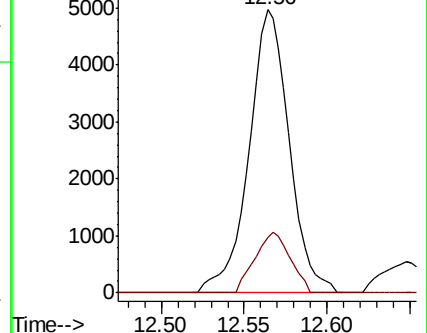
91 100

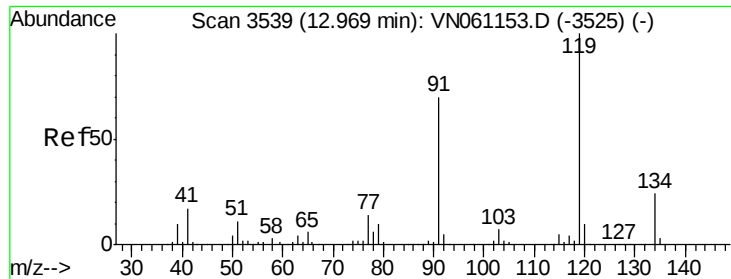
120 18.7 10.8 32.3



Abundance Ion 91.00 (90.70 to 91.70): V

Ion 120.00 (119.70 to 120.70): V

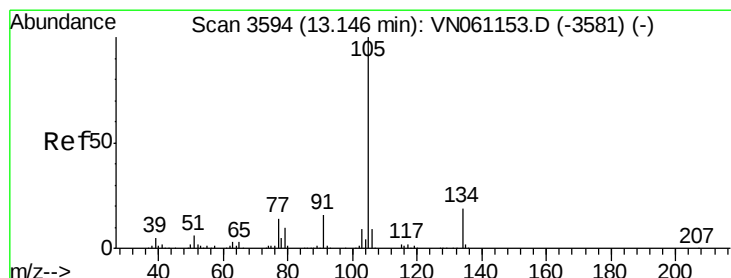
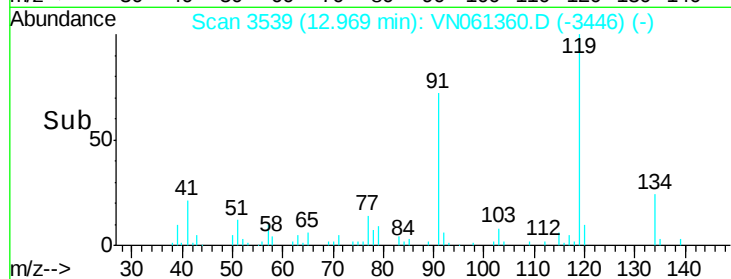
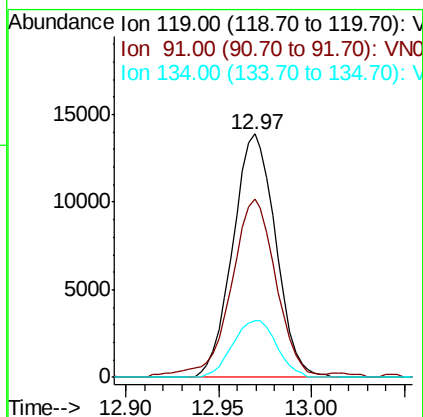
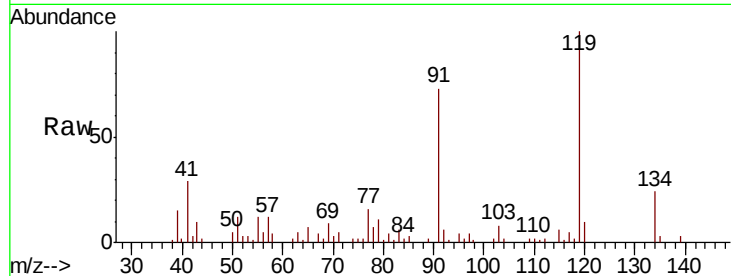




#83
tert-Butylbenzene
Concen: 5.268 ug/l
RT: 12.97 min Scan# 3539
Delta R.T. 0.00 min
Lab File: VN061360.D
Acq: 8 May 2020 14:36

Instrument :
MSVOA_N
ClientSampleId :
SS038MW009-200505

Tot Ion:119 Resp: 22296
Ion Ratio Lower Upper
119 100
91 77.1 34.8 104.4
134 23.9 12.9 38.7



#85
sec-Butylbenzene
Concen: 4.641 ug/l
RT: 13.15 min Scan# 3595
Delta R.T. 0.00 min
Lab File: VN061360.D
Acq: 8 May 2020 14:36

Tgt Ion:105 Resp: 26783
Ion Ratio Lower Upper
105 100
134 35.0 9.6 28.8#

