

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN051120\
 Data File : VN061386.D
 Acq On : 11 May 2020 14:59
 Operator : JC/MD
 Sample : L2544-11DL 5X
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SS038MW009-200505DL

Quant Time: May 12 03:33:59 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

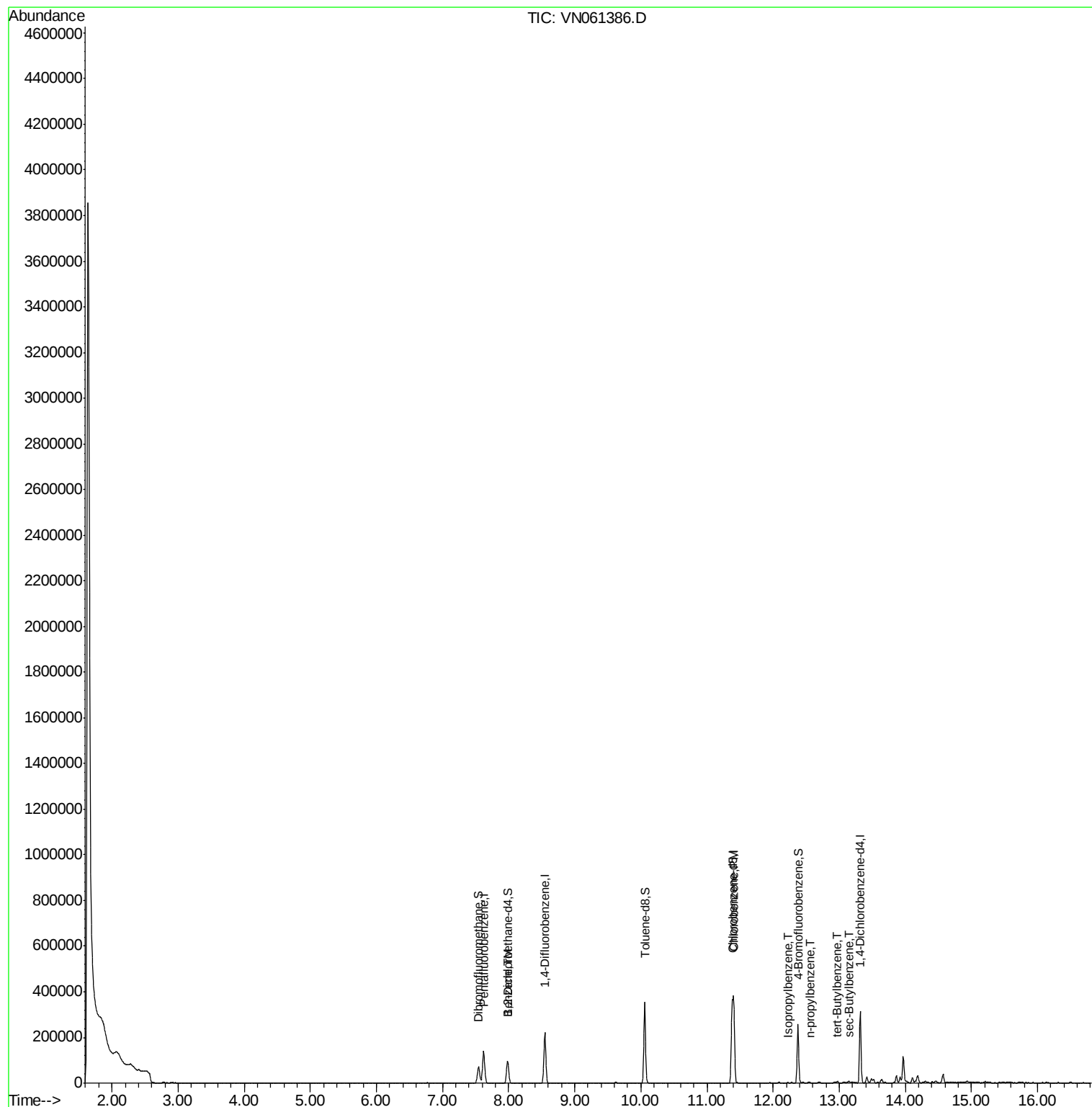
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	104618	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	189466	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	178323	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	78563	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.98	65	84402	50.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.98%	
35) Dibromofluoromethane	7.54	113	54935	49.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.06%	
50) Toluene-d8	10.06	98	231794	50.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.50%	
62) 4-Bromofluorobenzene	12.38	95	88439	51.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.92%	
Target Compounds						
40) Benzene	7.99	78	3284	0.581	ug/l	96
65) Chlorobenzene	11.41	112	176732	49.962	ug/l	100
73) Isopropylbenzene	12.22	105	1932	0.335	ug/l	97
78) n-propylbenzene	12.57	91	1467	0.214	ug/l	88
83) tert-Butylbenzene	12.97	119	3525	0.875	ug/l	92
85) sec-Butylbenzene	13.15	105	3974	0.723	ug/l #	71

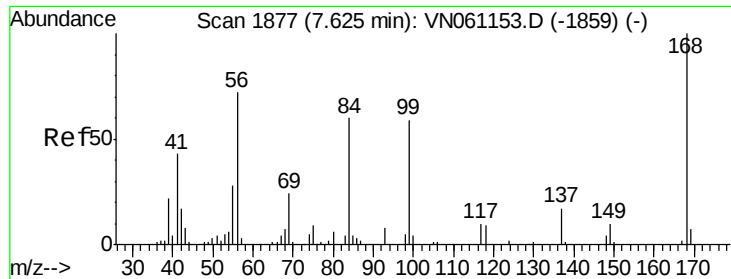
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: 7.62 min Scan# 1876

Delta R.T. -0.00 min

Lab File: VN061386.D

Acq: 11 May 2020 14:59

Instrument :

MSVOA_N

ClientSampleId :

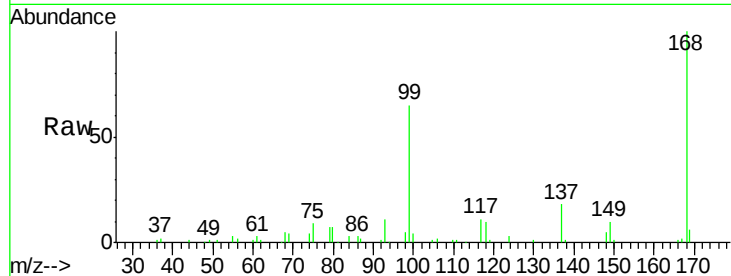
SS038MW009-200505DL

Tot Ion:168 Resp: 104618

Ion Ratio Lower Upper

168 100

99 65.4 51.2 76.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.62

40000

30000

20000

10000

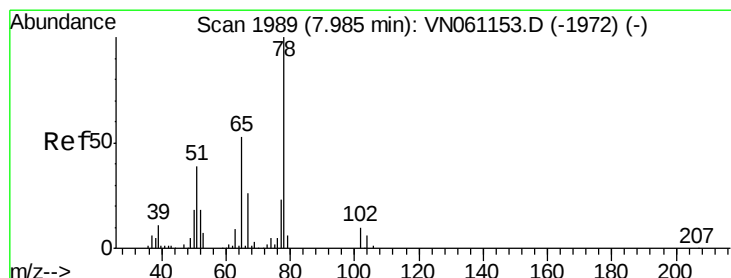
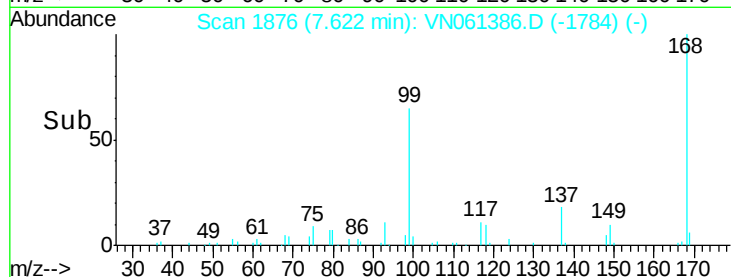
0

Time-->

7.50

7.60

7.70



#33

1,2-Dichloroethane-d4

Concen: 50.986 ug/l

RT: 7.98 min Scan# 1988

Delta R.T. -0.00 min

Lab File: VN061386.D

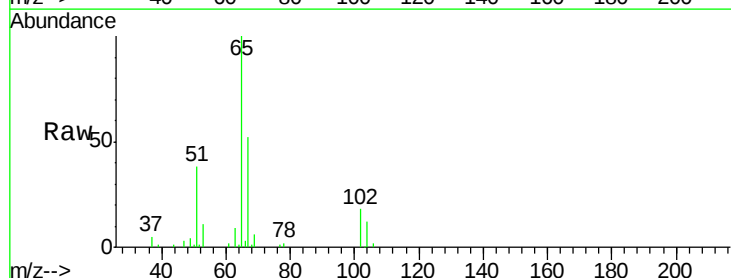
Acq: 11 May 2020 14:59

Tgt Ion: 65 Resp: 84402

Ion Ratio Lower Upper

65 100

67 50.7 0.0 101.6



Abundance Ion 64.90 (64.60 to 65.60): VNO

Ion 66.90 (66.60 to 67.60): VNO

7.98

40000

30000

20000

10000

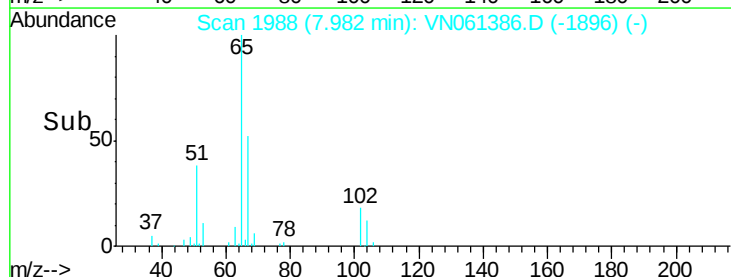
0

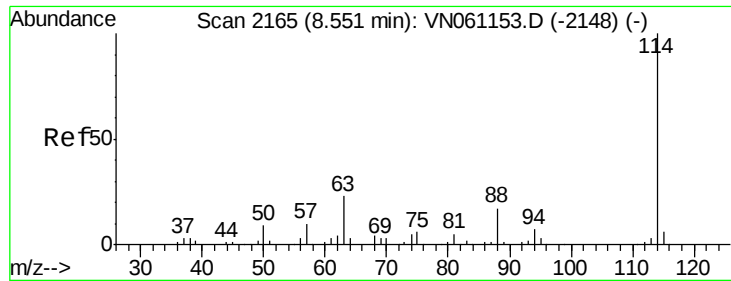
Time-->

7.90

8.00

8.10





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.55 min Scan# 2164

Delta R.T. -0.00 min

Lab File: VN061386.D

Acq: 11 May 2020 14:59

Instrument :

MSVOA_N

ClientSampleId :

SS038MW009-200505DL

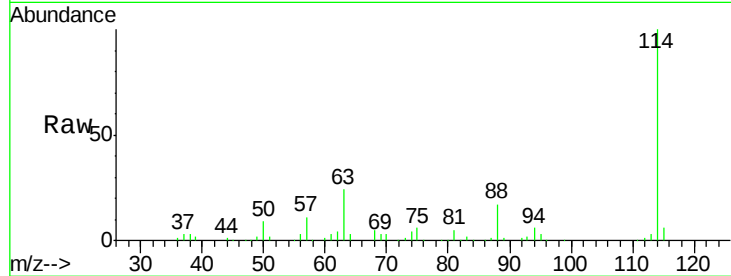
Tot Ion:114 Resp: 189466

Ion Ratio Lower Upper

114 100

63 23.5 0.0 46.6

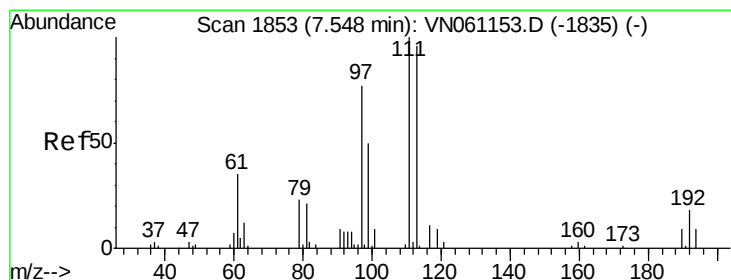
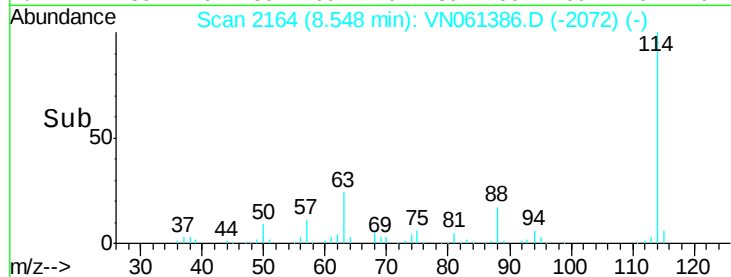
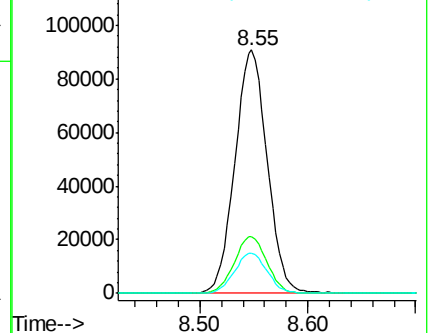
88 16.6 0.0 33.4



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: 49.033 ug/l

RT: 7.54 min Scan# 1852

Delta R.T. -0.00 min

Lab File: VN061386.D

Acq: 11 May 2020 14:59

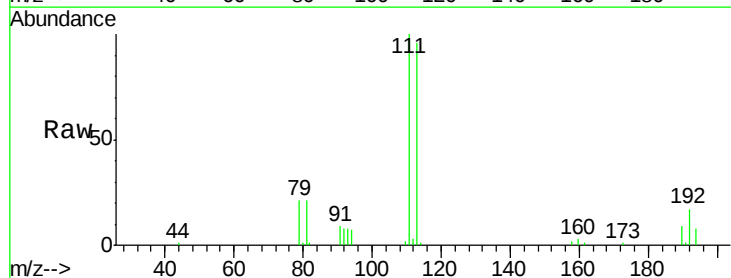
Tgt Ion:113 Resp: 54935

Ion Ratio Lower Upper

113 100

111 104.8 82.9 124.3

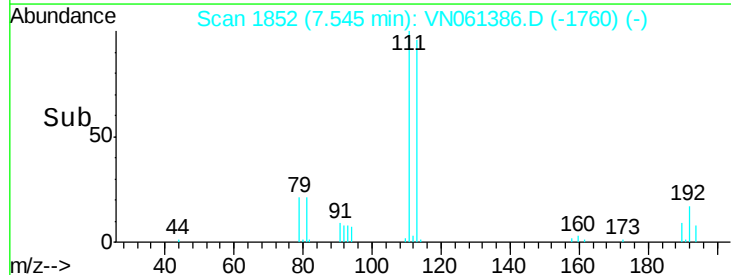
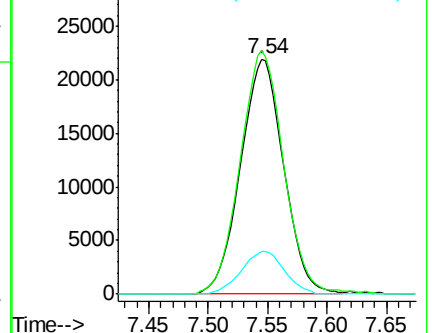
192 18.2 14.7 22.1

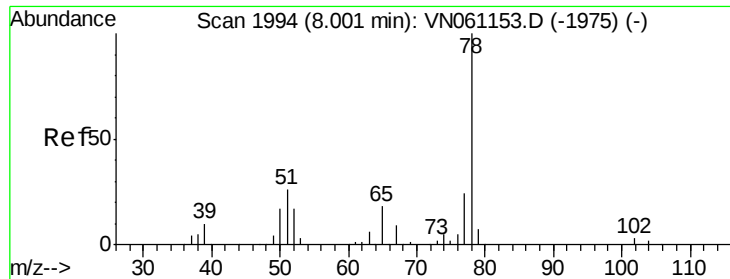


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#40

Benzene

Concen: 0.581 ug/l

RT: 7.99 min Scan# 1992

Delta R.T. -0.01 min

Lab File: VN061386.D

Acq: 11 May 2020 14:59

Instrument :

MSVOA_N

ClientSampleId :

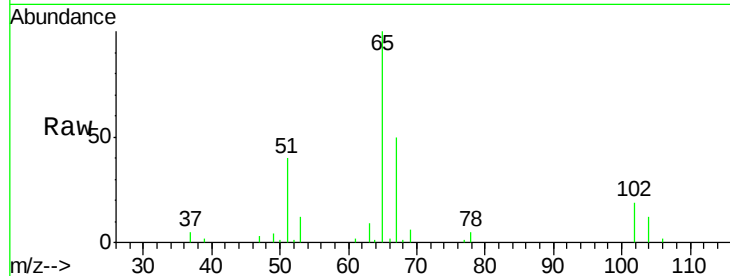
SS038MW009-200505DL

Tot Ion: 78 Resp: 3284

Ion Ratio Lower Upper

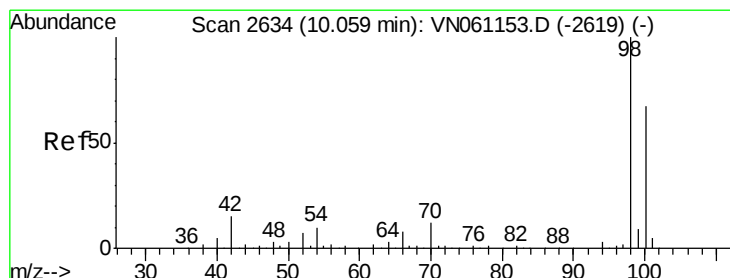
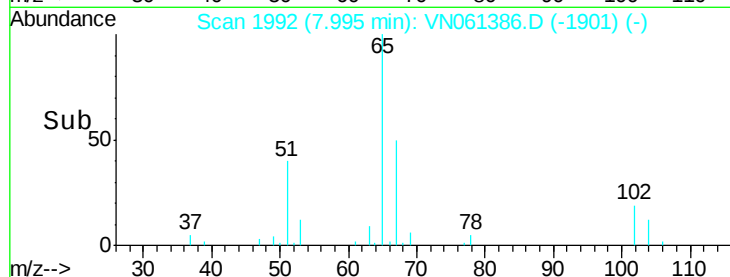
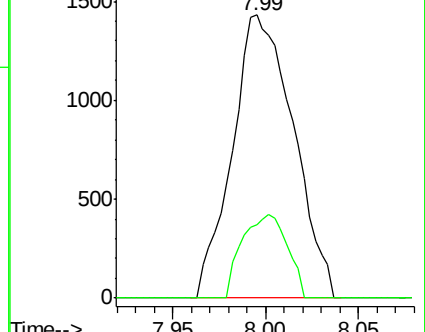
78 100

77 25.9 19.0 28.6



Abundance Ion 78.00 (77.70 to 78.70): VN061153.D (-1975) (-)

Ion 77.00 (76.70 to 77.70): VN061153.D (-1975) (-)



#50

Toluene-d8

Concen: 50.752 ug/l

RT: 10.06 min Scan# 2634

Delta R.T. 0.00 min

Lab File: VN061386.D

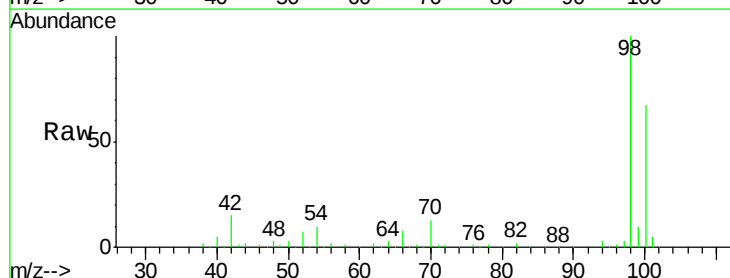
Acq: 11 May 2020 14:59

Tgt Ion: 98 Resp: 231794

Ion Ratio Lower Upper

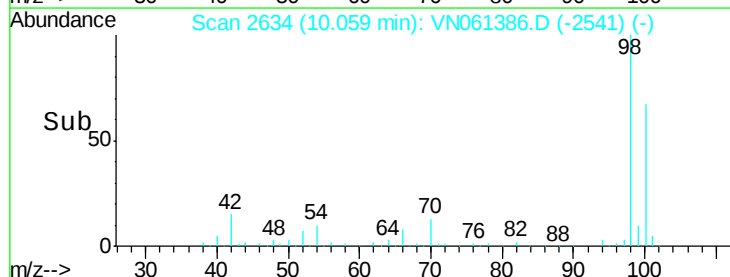
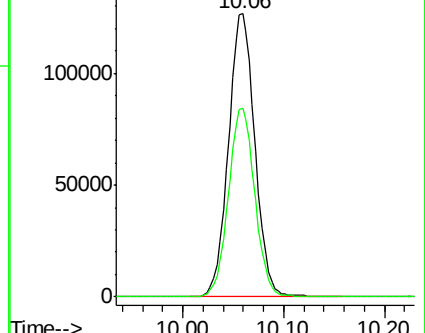
98 100

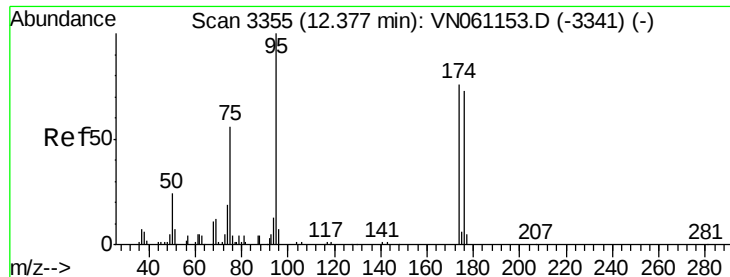
100 66.6 53.4 80.0



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

Ion 100.00 (99.70 to 100.70): VN061153.D (-2619) (-)





#62

4-Bromofluorobenzene

Concen: 51.457 ug/l

RT: 12.38 min Scan# 3355

Delta R.T. 0.00 min

Lab File: VN061386.D

Acq: 11 May 2020 14:59

Instrument :

MSVOA_N

ClientSampleId :

SS038MW009-200505DL

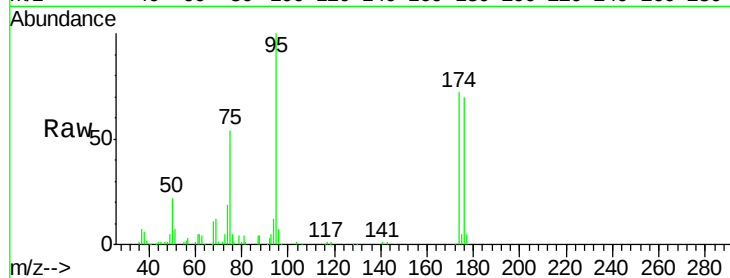
Tot Ion: 95 Resp: 88439

Ion Ratio Lower Upper

95 100

174 71.4 0.0 149.4

176 69.0 0.0 144.8

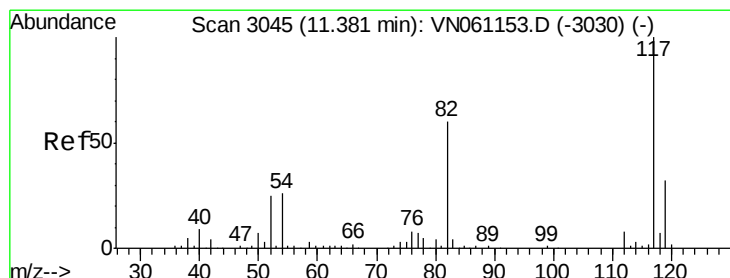
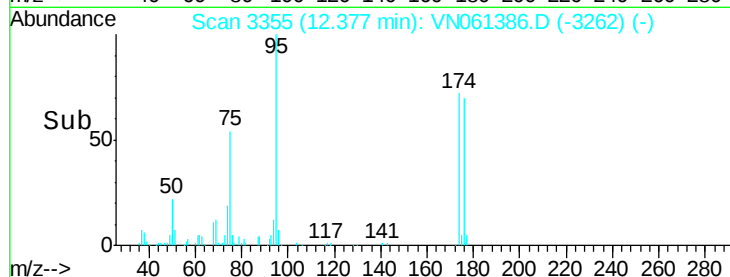


Abundance Ion 94.90 (94.60 to 95.60): VN061153.D (-3341) (-)

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

Ion 175.80 (175.50 to 176.50): VN061153.D (-3341) (-)

Time-->



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.38 min Scan# 3045

Delta R.T. 0.00 min

Lab File: VN061386.D

Acq: 11 May 2020 14:59

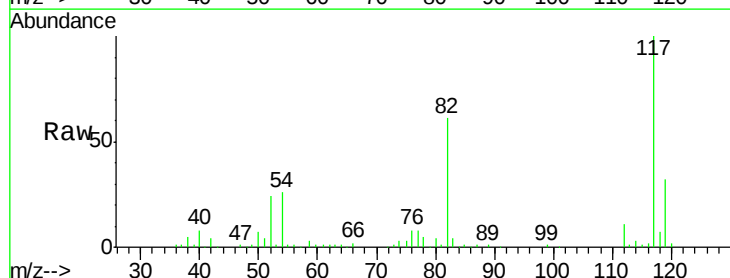
Tgt Ion: 117 Resp: 178323

Ion Ratio Lower Upper

117 100

82 61.4 47.8 71.8

119 32.1 25.8 38.6

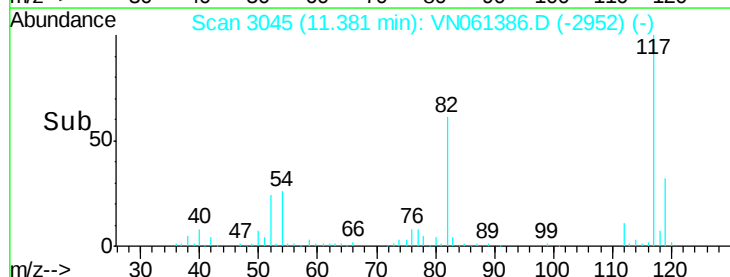


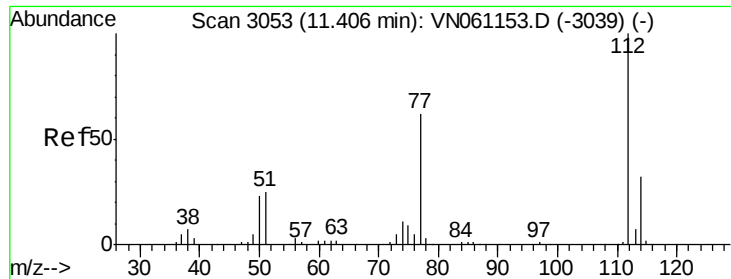
Abundance Ion 116.90 (116.60 to 117.60): VN061153.D (-3030) (-)

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

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

Time-->

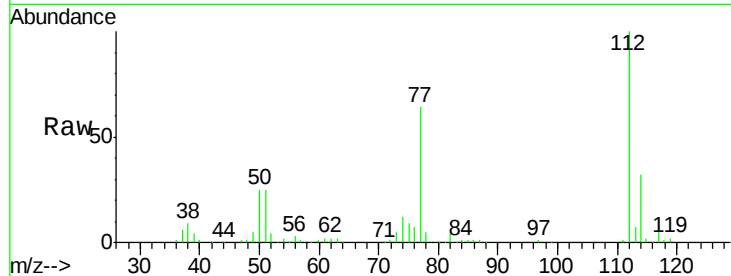




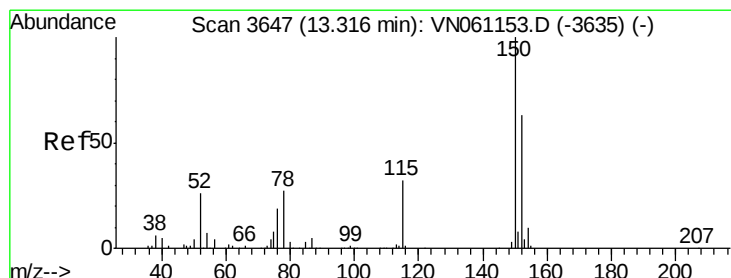
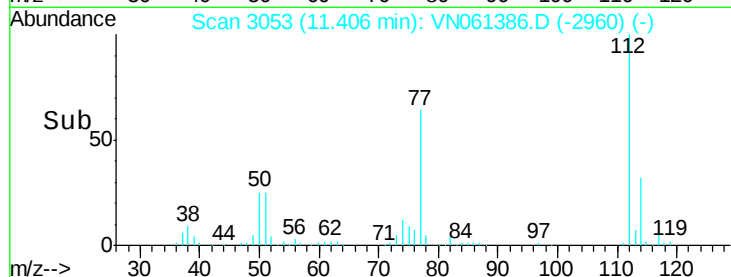
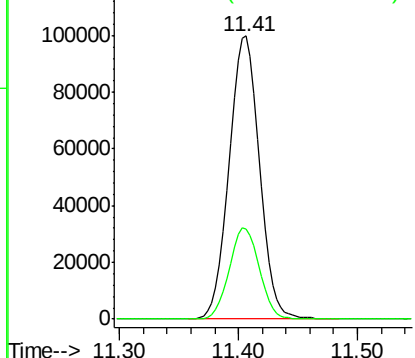
#65
Chlorobenzene
Concen: 49.962 ug/l
RT: 11.41 min Scan# 3053
Delta R.T. 0.00 min
Lab File: VN061386.D
Acq: 11 May 2020 14:59

Instrument :
MSVOA_N
ClientSampleId :
SS038MW009-200505DL

Tot Ion:112 Resp: 176732
Ion Ratio Lower Upper
112 100
114 31.9 25.4 38.2

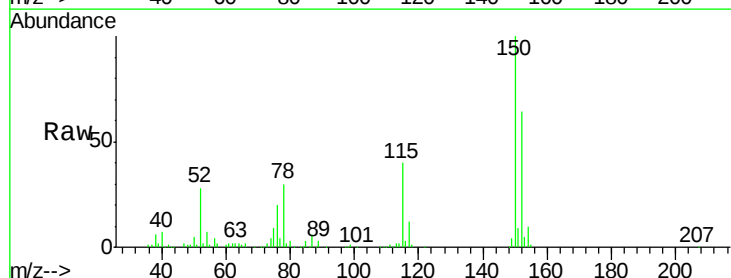


Abundance Ion 111.90 (111.60 to 112.60): V
Ion 113.90 (113.60 to 114.60): V

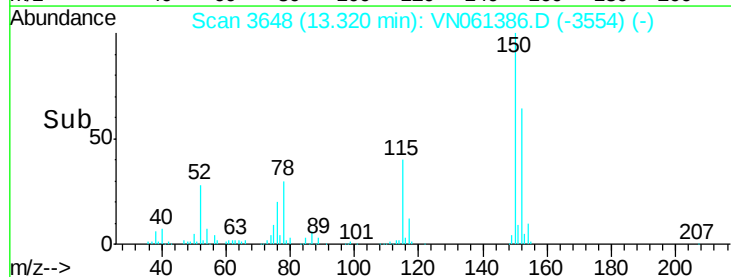
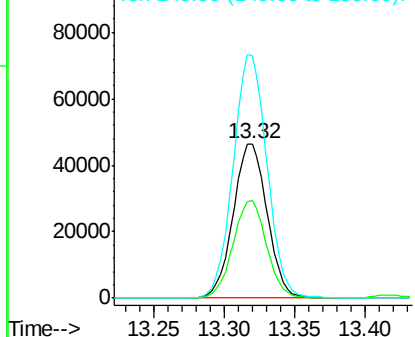


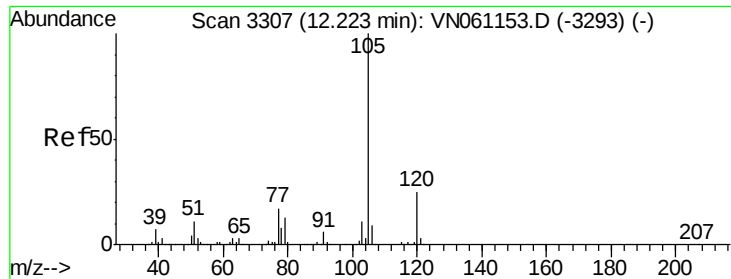
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3648
Delta R.T. 0.00 min
Lab File: VN061386.D
Acq: 11 May 2020 14:59

Tgt Ion:152 Resp: 78563
Ion Ratio Lower Upper
152 100
115 62.2 31.0 93.0
150 156.9 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: 0.335 ug/l

RT: 12.22 min Scan# 3307

Delta R.T. 0.00 min

Lab File: VN061386.D

Acq: 11 May 2020 14:59

Instrument :

MSVOA_N

ClientSampleId :

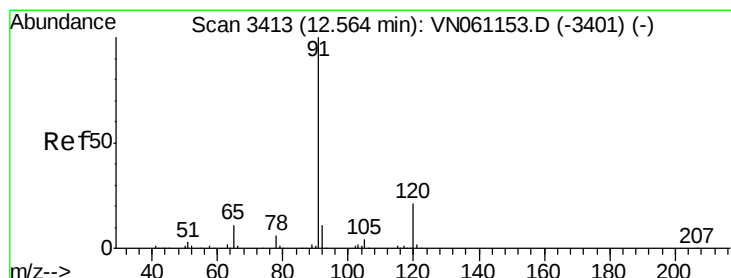
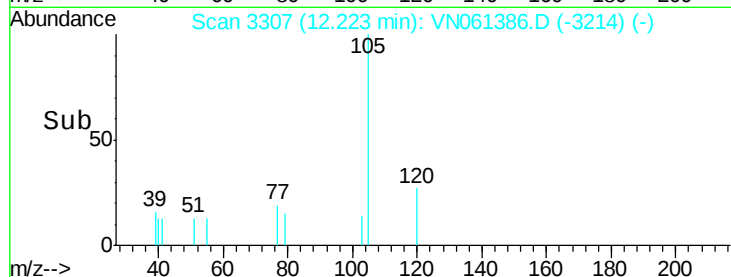
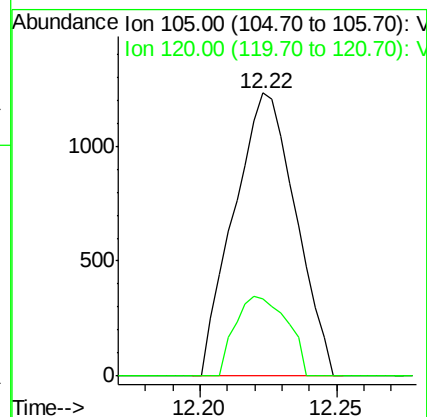
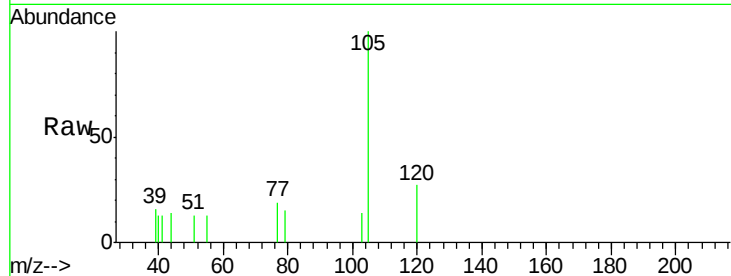
SS038MW009-200505DL

Tot Ion: 105 Resp: 1932

Ion Ratio Lower Upper

105 100

120 23.8 12.6 37.8



#78

n-propylbenzene

Concen: 0.214 ug/l

RT: 12.57 min Scan# 3414

Delta R.T. 0.00 min

Lab File: VN061386.D

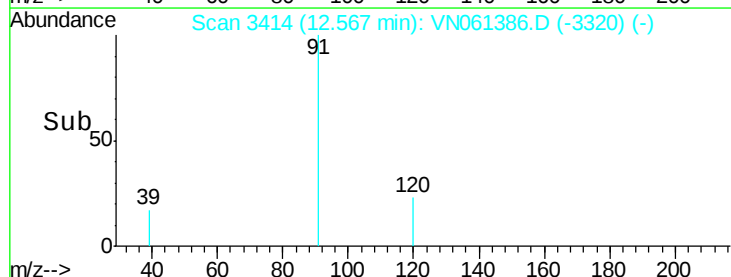
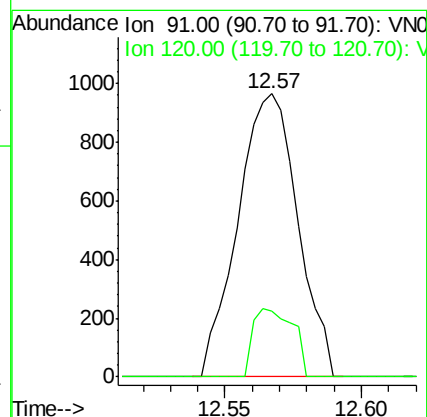
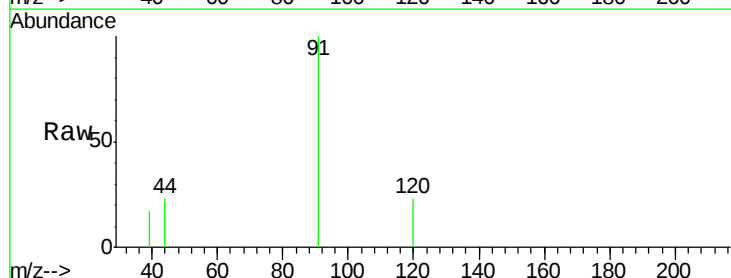
Acq: 11 May 2020 14:59

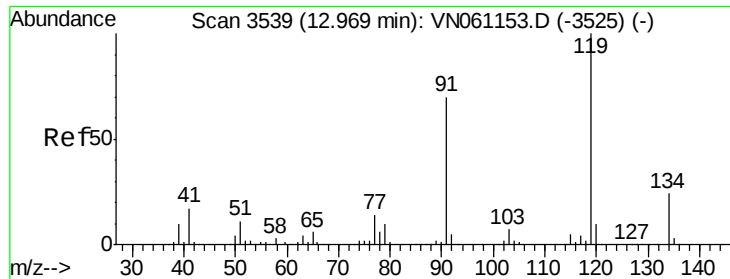
Tgt Ion: 91 Resp: 1467

Ion Ratio Lower Upper

91 100

120 15.9 10.8 32.3

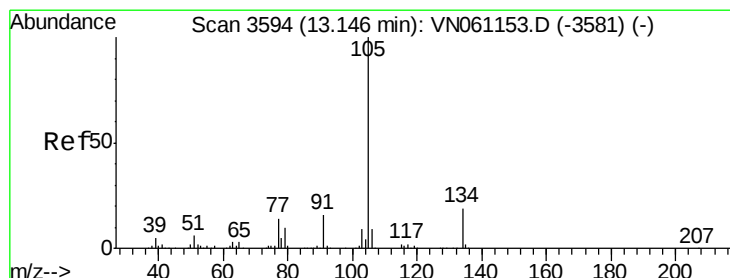
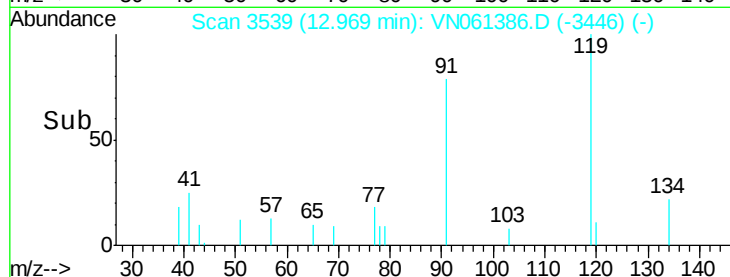
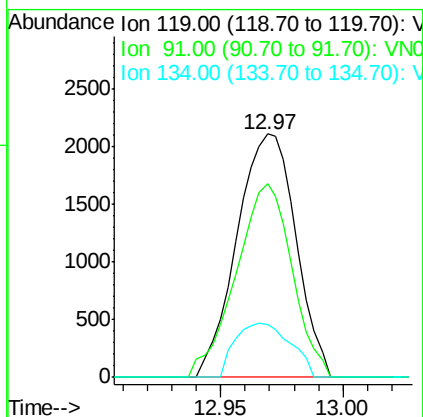
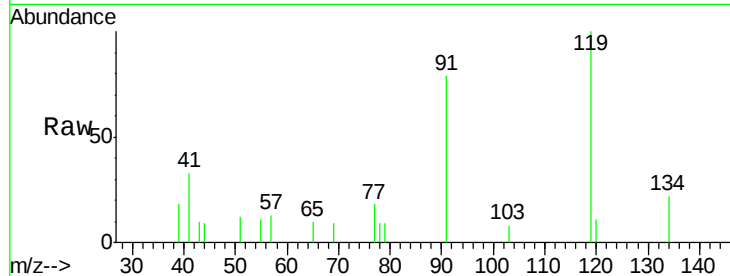




#83
tert-Butylbenzene
Concen: 0.875 ug/l
RT: 12.97 min Scan# 3539
Delta R.T. 0.00 min
Lab File: VN061386.D
Acq: 11 May 2020 14:59

Instrument :
MSVOA_N
ClientSampleId :
SS038MW009-200505DL

Tot Ion:119 Resp: 3525
Ion Ratio Lower Upper
119 100
91 75.5 34.8 104.4
134 21.0 12.9 38.7



#85
sec-Butylbenzene
Concen: 0.723 ug/l
RT: 13.15 min Scan# 3594
Delta R.T. 0.00 min
Lab File: VN061386.D
Acq: 11 May 2020 14:59

Tgt Ion:105 Resp: 3974
Ion Ratio Lower Upper
105 100
134 32.5 9.6 28.8#

