

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN050620\
 Data File : VN061315.D
 Acq On : 6 May 2020 17:22
 Operator : JC/MD
 Sample : L2513-04
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 BU-03-050520

Quant Time: May 07 09:12:08 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

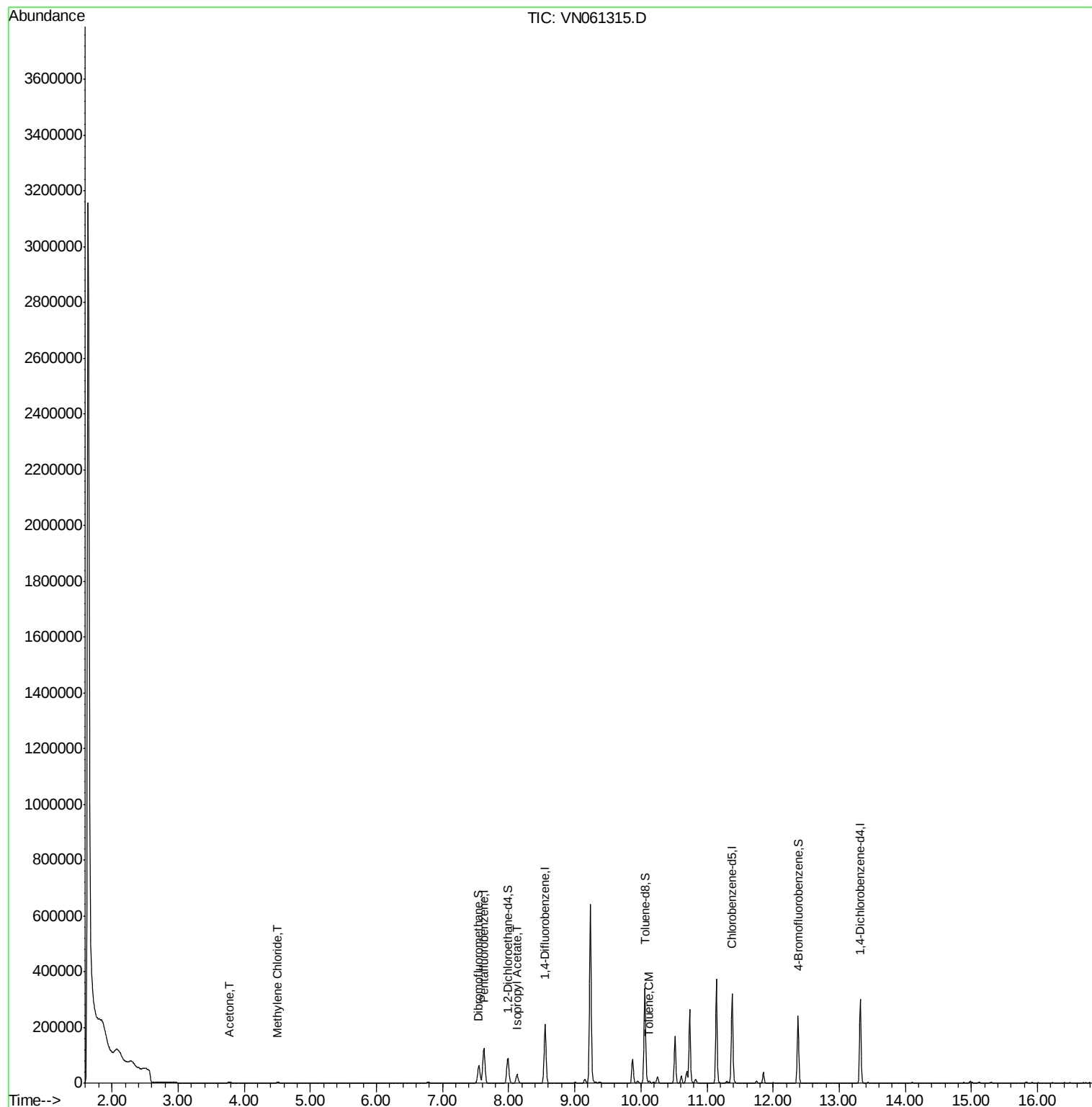
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	95890	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	173065	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	169674	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	72734	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	79853	52.63	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.26%	
35) Dibromofluoromethane	7.55	113	48331	47.23	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.46%	
50) Toluene-d8	10.06	98	221173	53.02	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.04%	
62) 4-Bromofluorobenzene	12.38	95	82987	52.86	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.72%	
Target Compounds						
16) Acetone	3.78	43	9039	10.102	ug/l	95
20) Methylene Chloride	4.51	84	2174	1.838	ug/l	94
43) Isopropyl Acetate	8.13	43	37829	11.223	ug/l #	90
52) Toluene	10.12	92	3287	1.057	ug/l	99

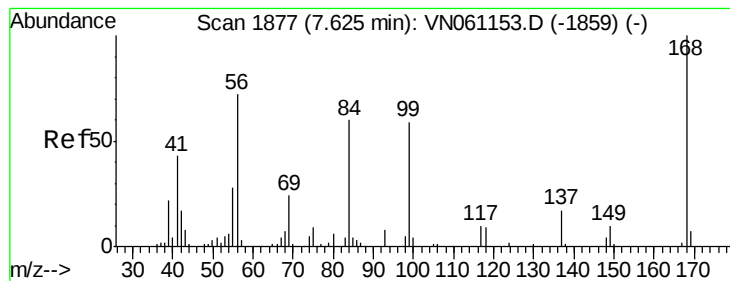
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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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: VN061315.D

Acq: 6 May 2020 17:22

Instrument :

MSVOA_N

ClientSampleId :

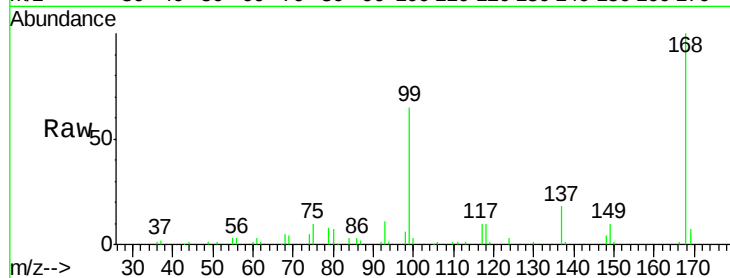
BU-03-050520

Tot Ion:168 Resp: 95890

Ion Ratio Lower Upper

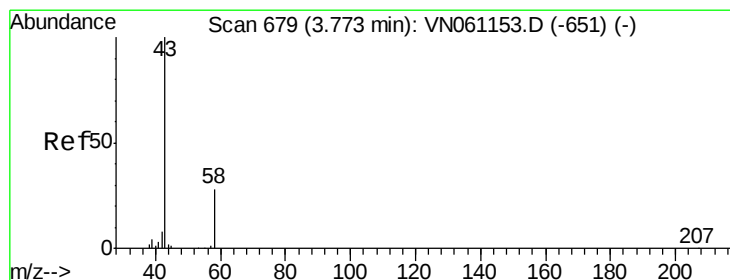
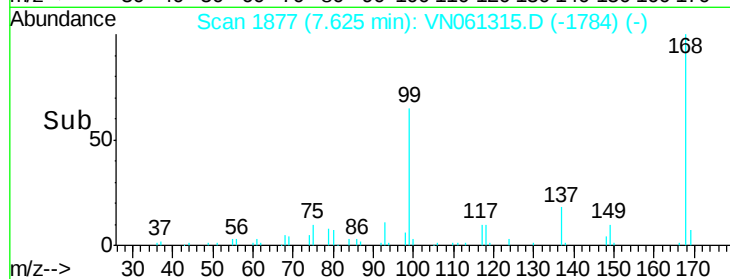
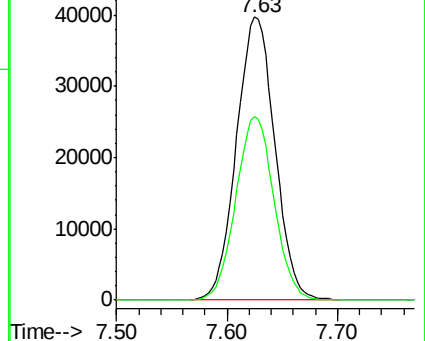
168 100

99 64.8 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: 10.102 ug/l

RT: 3.78 min Scan# 681

Delta R.T. 0.01 min

Lab File: VN061315.D

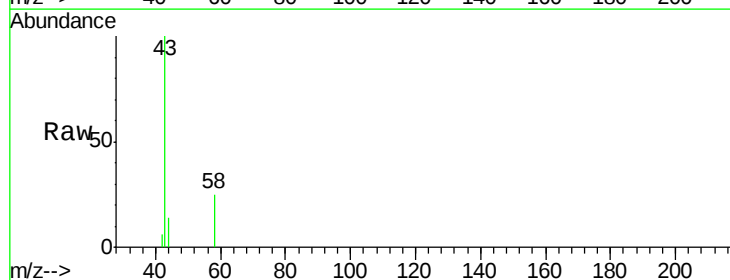
Acq: 6 May 2020 17:22

Tgt Ion: 43 Resp: 9039

Ion Ratio Lower Upper

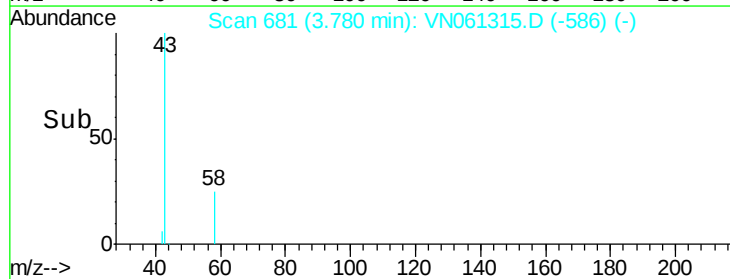
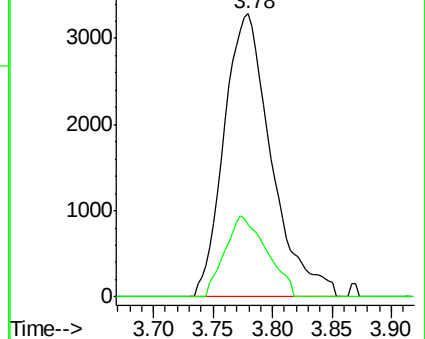
43 100

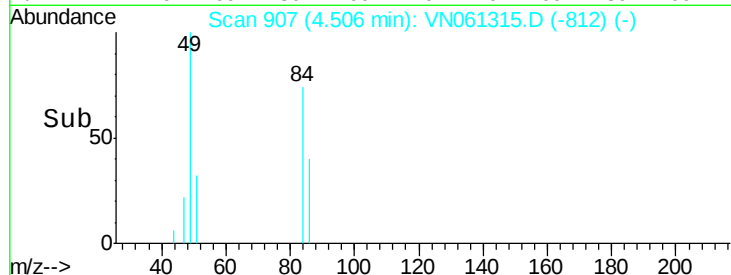
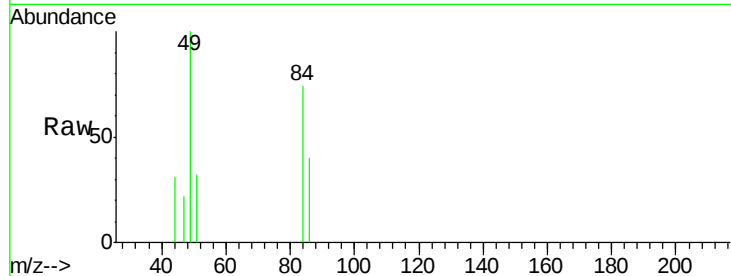
58 25.3 22.2 33.2



Abundance Ion 43.00 (42.70 to 43.70): VN

Ion 58.00 (57.70 to 58.70): VN

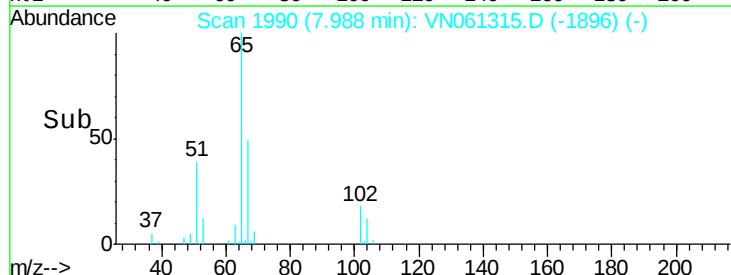
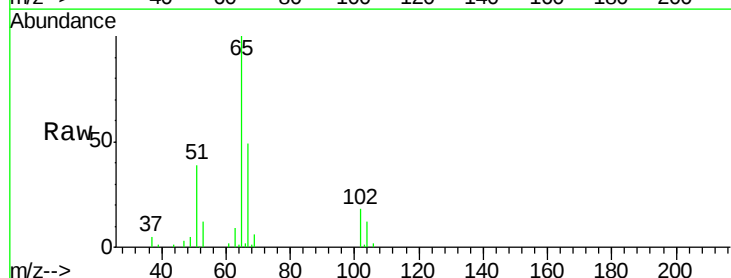
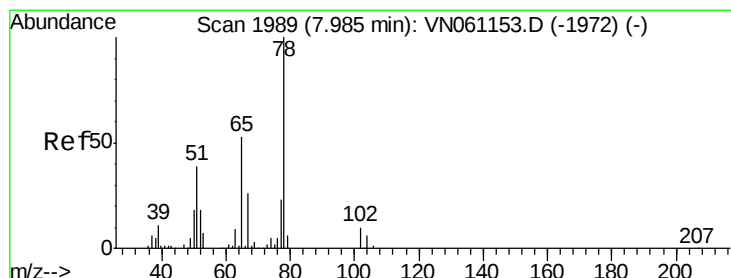
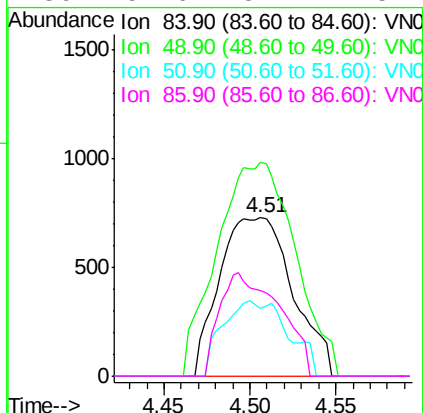




#20
Methvlene Chloride
Concen: 1.838 ug/l
RT: 4.51 min Scan# 907
Delta R.T. 0.01 min
Lab File: VN061315.D
Acq: 6 May 2020 17:22

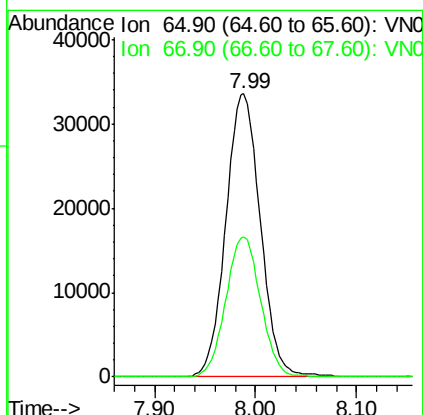
Instrument :
MSVOA_N
ClientSampled :
BU-03-050520

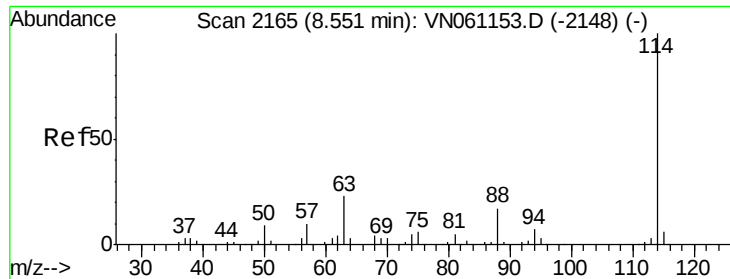
Tot Ion: 84 Resp: 2174
Ion Ratio Lower Upper
84 100
49 134.8 112.0 168.0
51 43.1 33.6 50.4
86 54.6 52.1 78.1



#33
1,2-Dichloroethane-d4
Concen: 52.629 ug/l
RT: 7.99 min Scan# 1990
Delta R.T. 0.00 min
Lab File: VN061315.D
Acq: 6 May 2020 17:22

Tgt Ion: 65 Resp: 79853
Ion Ratio Lower Upper
65 100
67 49.7 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: VN061315.D

Acq: 6 May 2020 17:22

Instrument :

MSVOA_N

ClientSampleId :

BU-03-050520

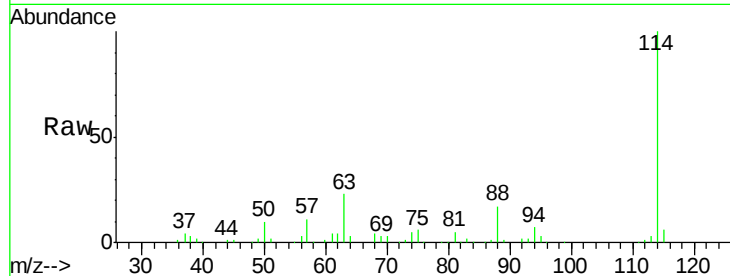
Tot Ion:114 Resp: 173065

Ion Ratio Lower Upper

114 100

63 23.3 0.0 46.6

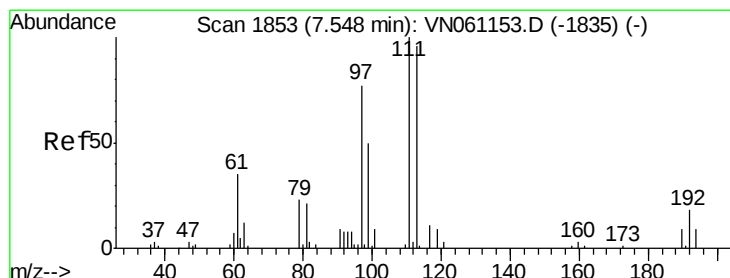
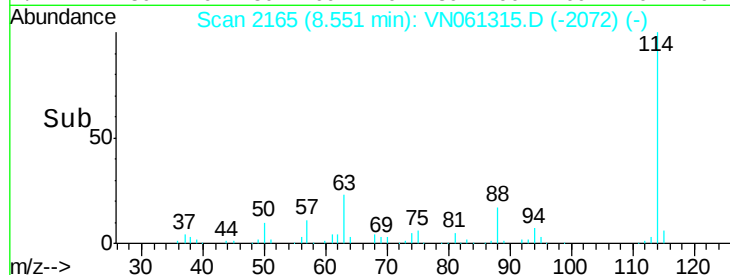
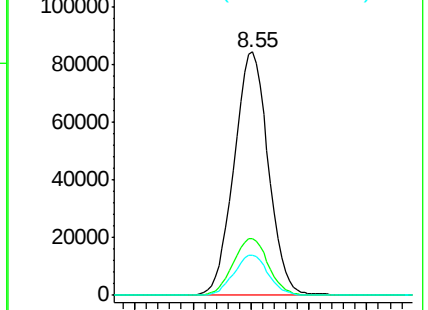
88 16.5 0.0 33.4



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: 47.227 ug/l

RT: 7.55 min Scan# 1853

Delta R.T. 0.00 min

Lab File: VN061315.D

Acq: 6 May 2020 17:22

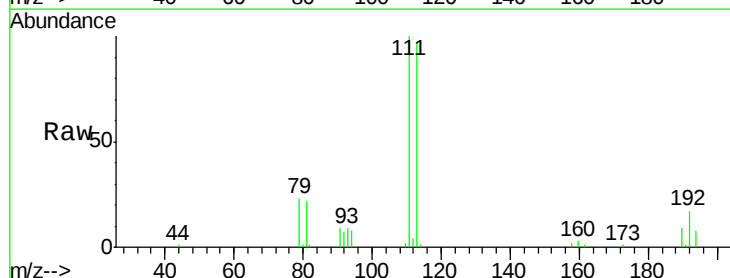
Tgt Ion:113 Resp: 48331

Ion Ratio Lower Upper

113 100

111 102.2 82.9 124.3

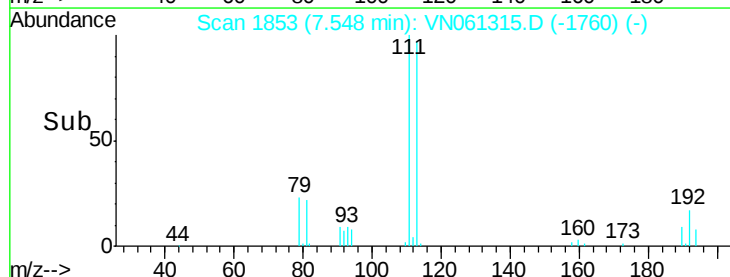
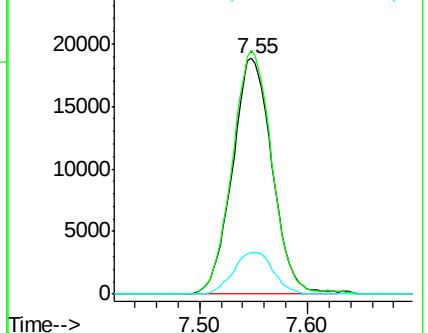
192 17.8 14.7 22.1

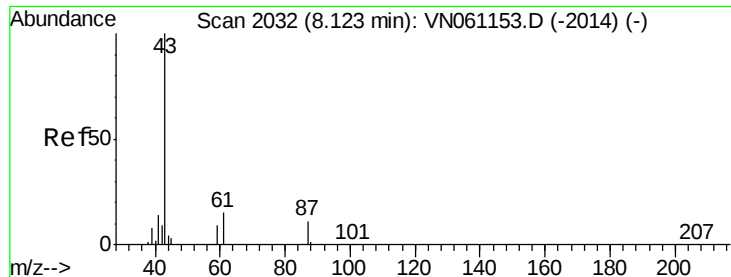


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 11.223 ug/l

RT: 8.13 min Scan# 2033

Delta R.T. 0.00 min

Lab File: VN061315.D

Acq: 6 May 2020 17:22

Instrument :

MSVOA_N

ClientSampleId :

BU-03-050520

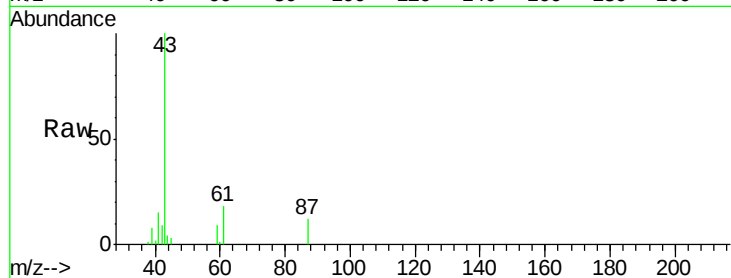
Tot Ion: 43 Resp: 37829

Ion Ratio Lower Upper

43 100

61 17.3 19.5 29.3#

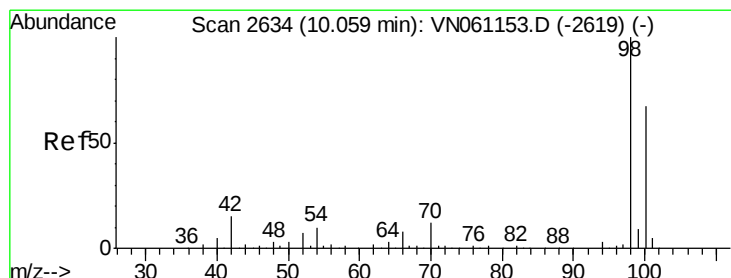
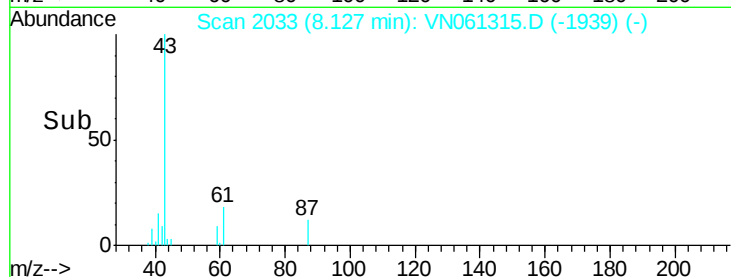
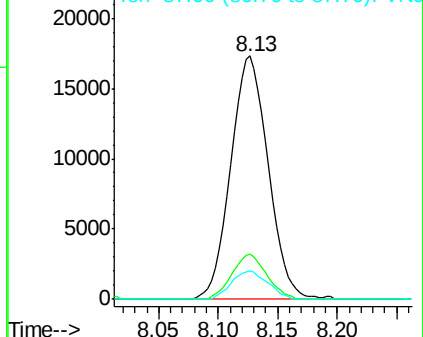
87 11.2 8.9 13.3



Abundance Ion 43.00 (42.70 to 43.70): VN061153.D (-2014) (-)

Ion 61.00 (60.70 to 61.70): VN061153.D (-2014) (-)

Ion 87.00 (86.70 to 87.70): VN061153.D (-2014) (-)



#50

Toluene-d8

Concen: 53.016 ug/l

RT: 10.06 min Scan# 2634

Delta R.T. 0.00 min

Lab File: VN061315.D

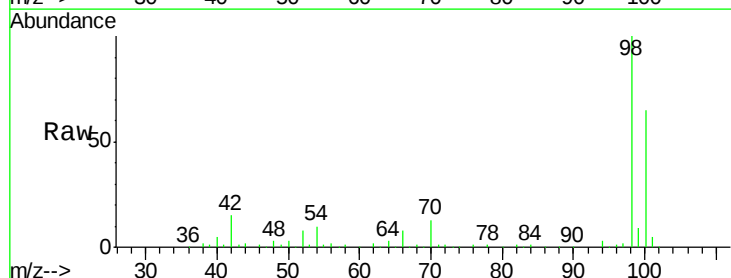
Acq: 6 May 2020 17:22

Tgt Ion: 98 Resp: 221173

Ion Ratio Lower Upper

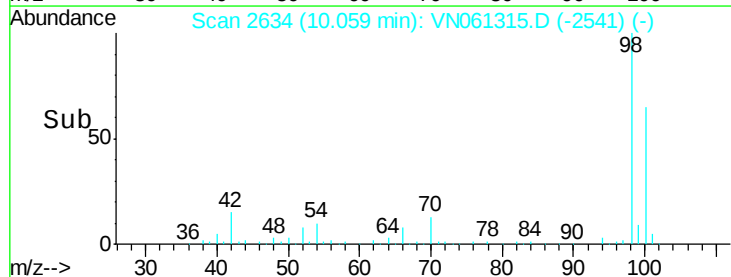
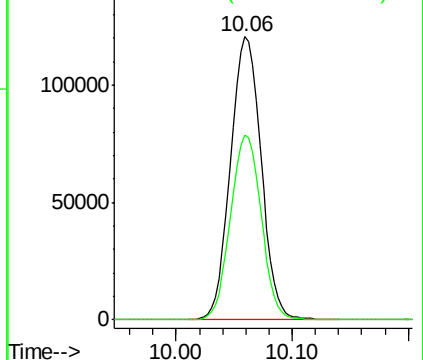
98 100

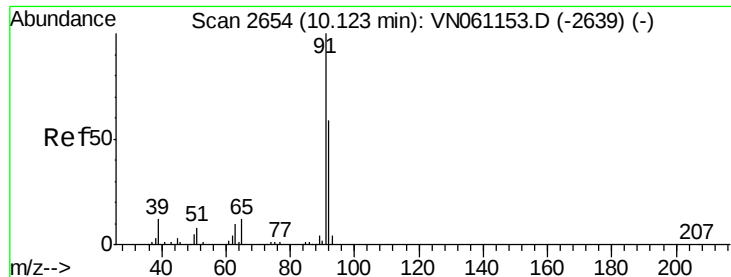
100 65.3 53.4 80.0



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

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





#52

Toluene

Concen: 1.057 ug/l

RT: 10.12 min Scan# 2654

Delta R.T. 0.00 min

Lab File: VN061315.D

Acq: 6 May 2020 17:22

Instrument :

MSVOA_N

ClientSampleId :

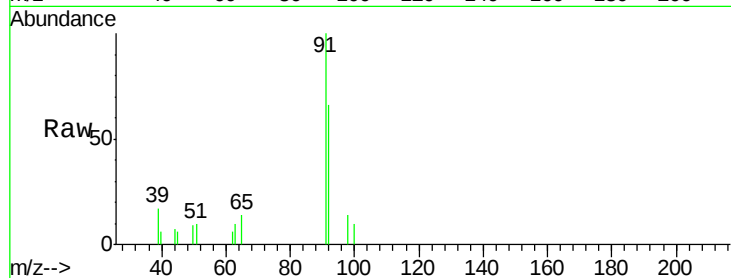
BU-03-050520

Tot Ion: 92 Resp: 3287

Ion Ratio Lower Upper

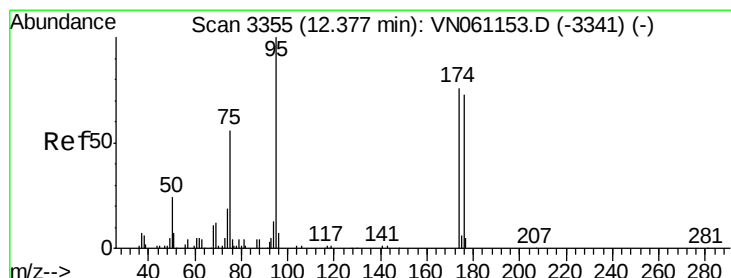
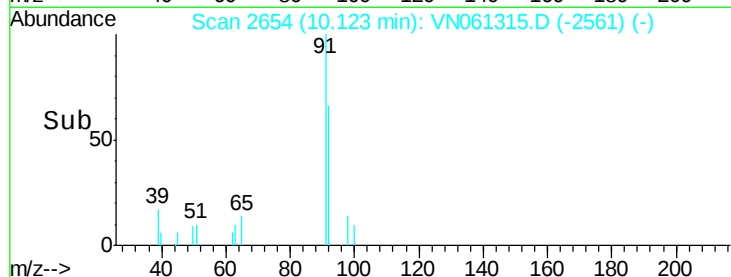
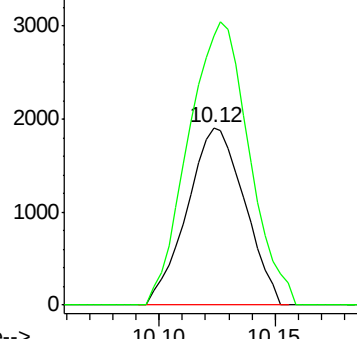
92 100

91 168.6 136.2 204.2



Abundance Ion 92.00 (91.70 to 92.70): VN0

Ion 91.00 (90.70 to 91.70): VN0



#62

4-Bromofluorobenzene

Concen: 52.861 ug/l

RT: 12.38 min Scan# 3355

Delta R.T. 0.00 min

Lab File: VN061315.D

Acq: 6 May 2020 17:22

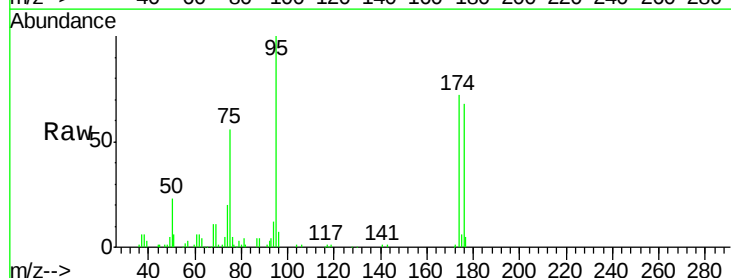
Tgt Ion: 95 Resp: 82987

Ion Ratio Lower Upper

95 100

174 72.2 0.0 149.4

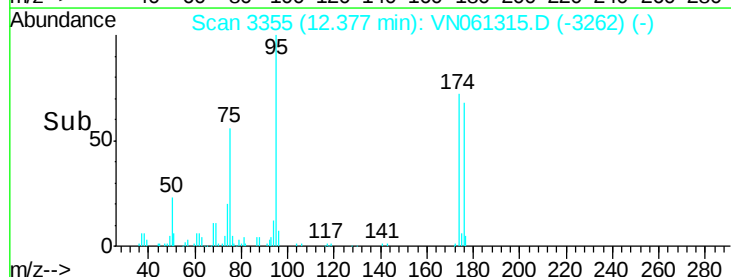
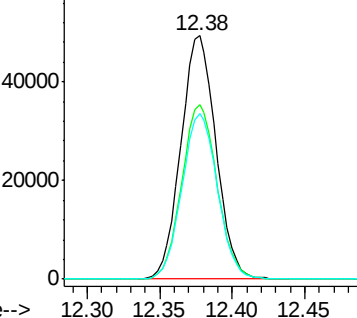
176 68.8 0.0 144.8

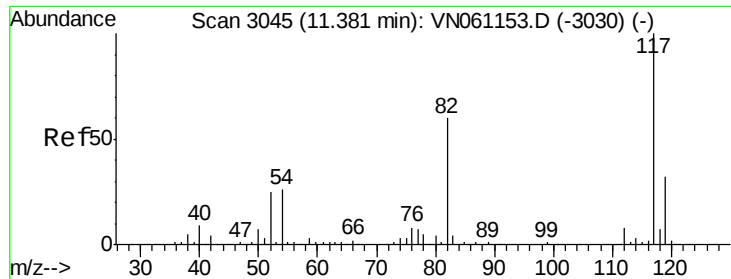


Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

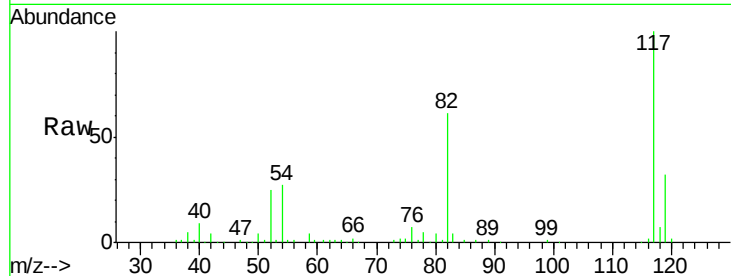




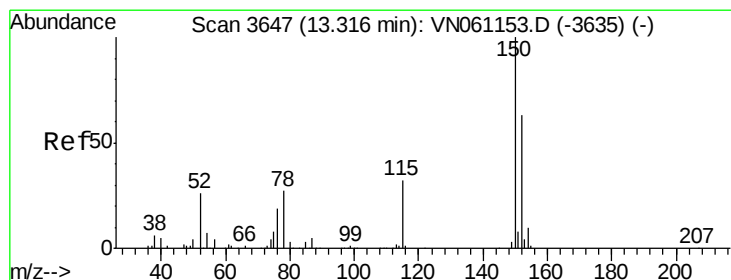
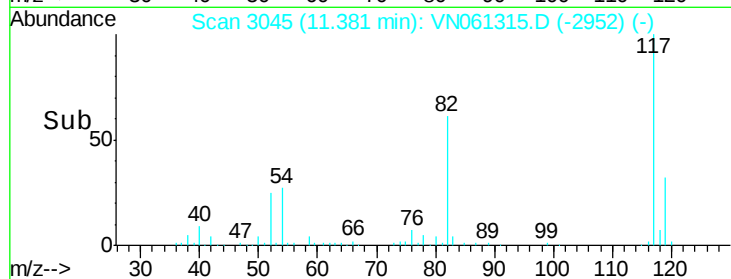
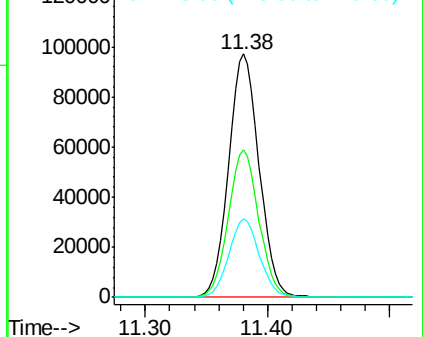
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 3045
Delta R.T. 0.00 min
Lab File: VN061315.D
Acq: 6 May 2020 17:22

Instrument :
MSVOA_N
ClientSampleId :
BU-03-050520

Tot Ion:117 Resp: 169674
Ion Ratio Lower Upper
117 100
82 60.8 47.8 71.8
119 32.2 25.8 38.6

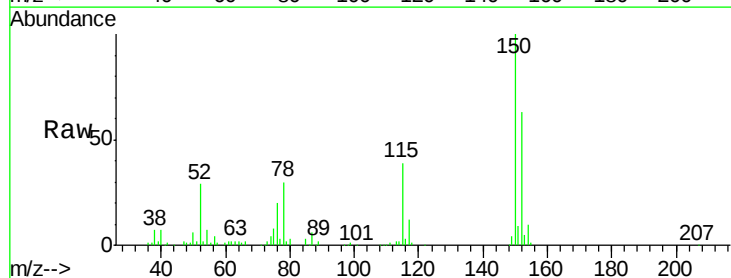


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3648
Delta R.T. 0.00 min
Lab File: VN061315.D
Acq: 6 May 2020 17:22

Tgt Ion:152 Resp: 72734
Ion Ratio Lower Upper
152 100
115 62.7 31.0 93.0
150 159.6 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

