

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN060719\
 Data File : VN056077.D
 Acq On : 7 Jun 2019 5:09
 Operator : JC/SP
 Sample : K3153-06
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 HR-05-060519-C

Quant Time: Jun 07 07:24:39 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N060419W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 04 11:02:09 2019
 Response via : Initial Calibration

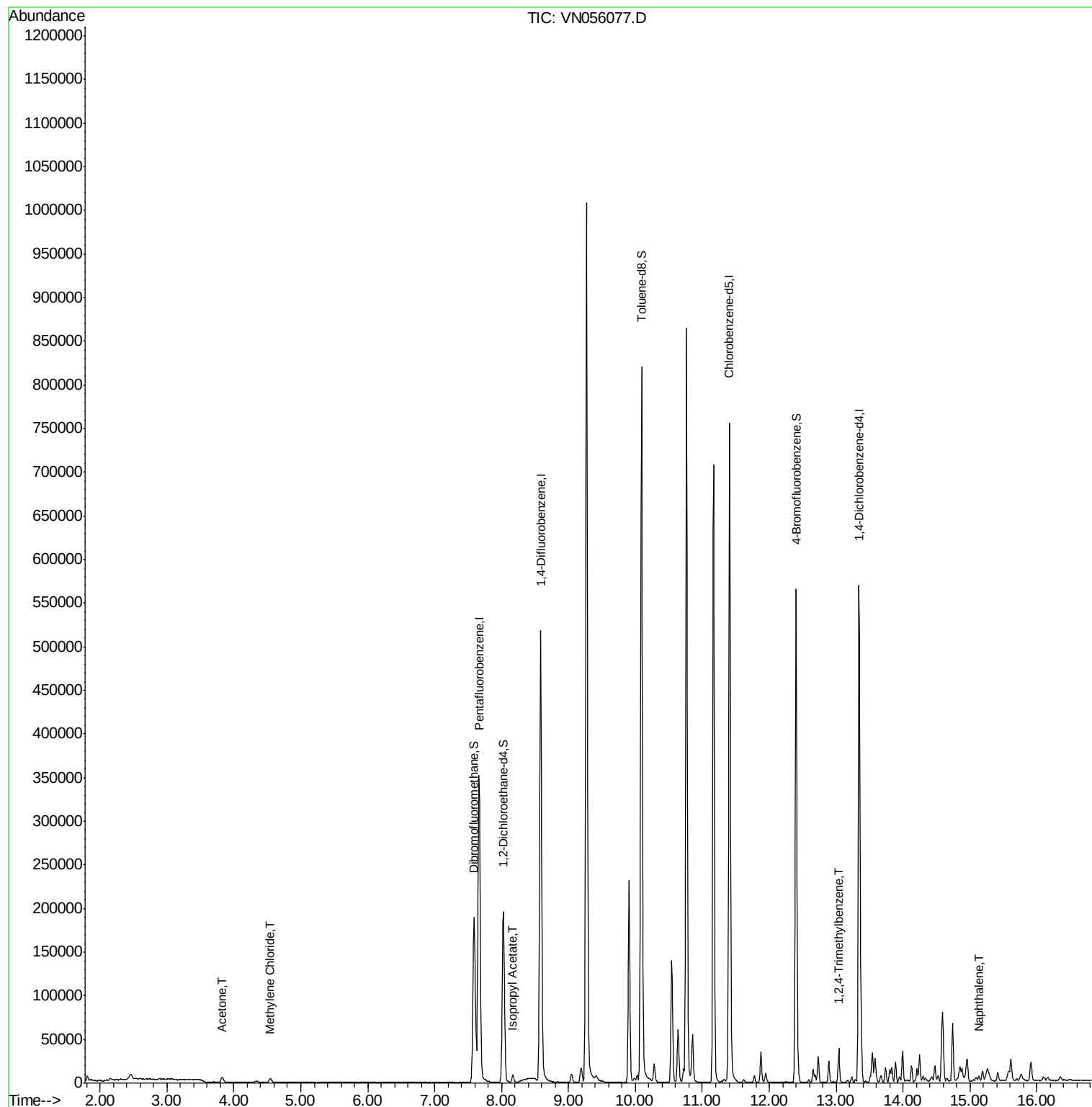
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	335043	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	509023	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	489181	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	174027	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	165689	49.81	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.62%	
35) Dibromofluoromethane	7.59	113	144304	46.21	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.42%	
50) Toluene-d8	10.09	98	618494	51.47	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.94%	
62) 4-Bromofluorobenzene	12.40	95	203603	49.82	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.64%	
Target Compounds						
16) Acetone	3.82	43	10852	6.821	ug/l	98
20) Methylene Chloride	4.54	84	4013	1.224	ug/l	90
43) Isopropyl Acetate	8.17	43	10595	1.679	ug/l #	85
84) 1,2,4-Trimethylbenzene	13.04	105	24117	2.173	ug/l	99
95) Naphthalene	15.13	128	5719	4.485	ug/l #	92

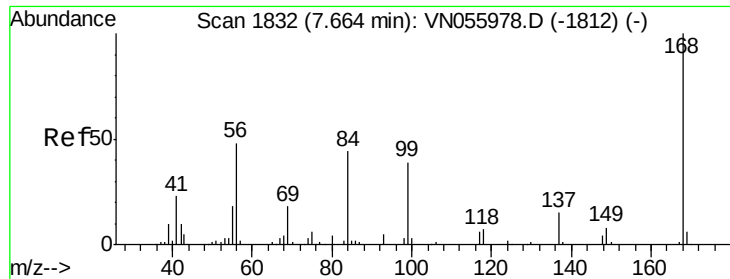
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue Jun 04 11:02:09 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. -0.00 min

Lab File: VN056077.D

Acq: 7 Jun 2019 5:09

Instrument :

MSVOA_N

ClientSampleId :

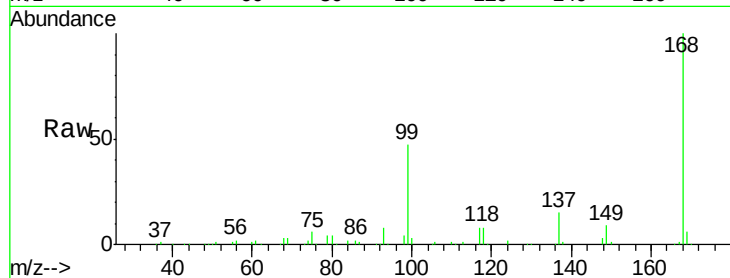
HR-05-060519-C

Tot Ion:168 Resp: 335043

Ion Ratio Lower Upper

168 100

99 46.9 37.2 55.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

7.66

150000

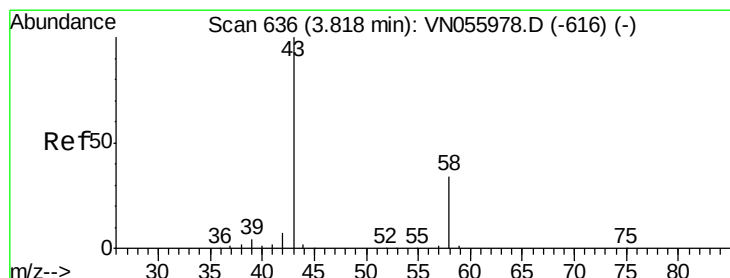
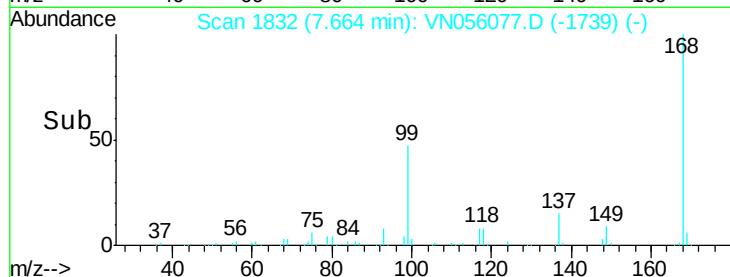
100000

50000

0

7.60 7.70 7.80

Time-->



#16

Acetone

Concen: 6.821 ug/l

RT: 3.82 min Scan# 638

Delta R.T. 0.01 min

Lab File: VN056077.D

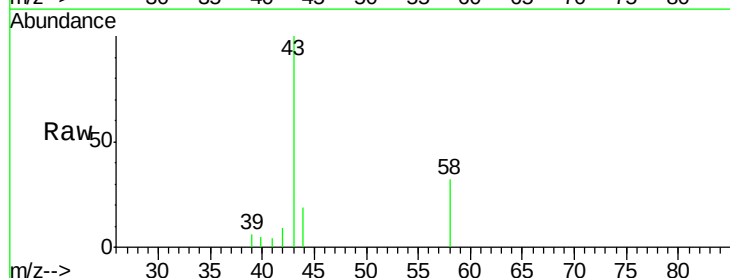
Acq: 7 Jun 2019 5:09

Tgt Ion: 43 Resp: 10852

Ion Ratio Lower Upper

43 100

58 32.0 26.6 39.8



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

3.82

4000

3000

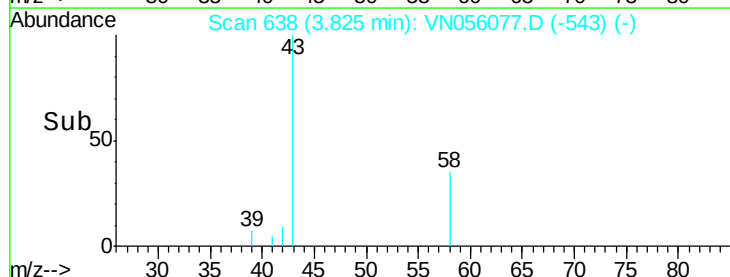
2000

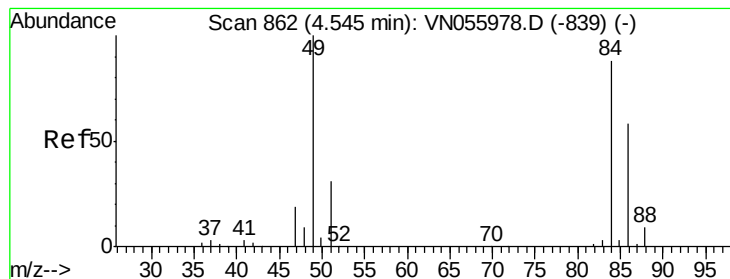
1000

0

3.75 3.80 3.85 3.90

Time-->





#20

Methvlene Chloride

Concen: 1.224 ug/l

RT: 4.54 min Scan# 859

Delta R.T. -0.01 min

Lab File: VN056077.D

Acq: 7 Jun 2019 5:09

Instrument :

MSVOA_N

ClientSampleId :

HR-05-060519-C

Tot Ion: 84 Resp: 4013

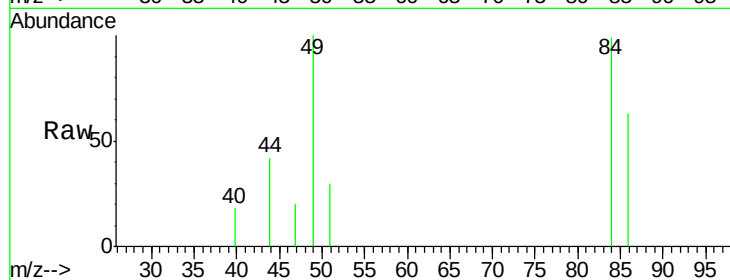
Ion Ratio Lower Upper

84 100

49 101.1 93.5 140.3

51 30.3 28.6 43.0

86 63.2 52.6 79.0

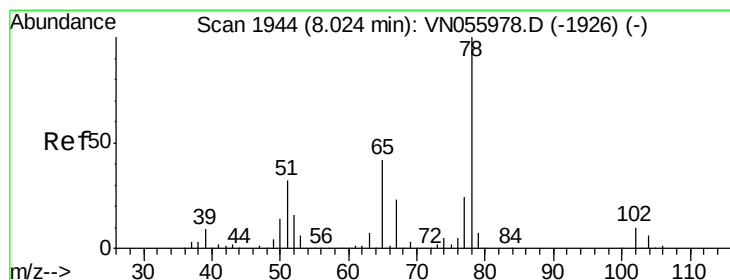
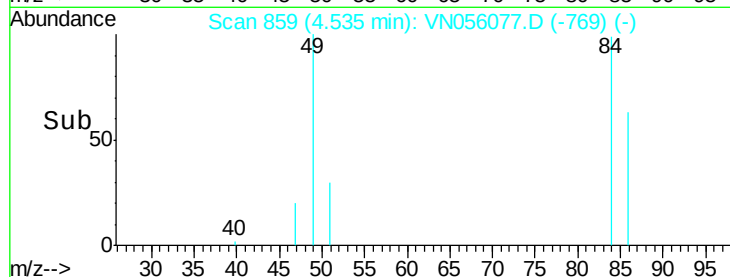
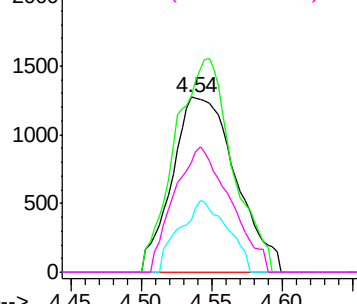


Abundance Ion 83.90 (83.60 to 84.60): VN0

Ion 48.90 (48.60 to 49.60): VN0

Ion 50.90 (50.60 to 51.60): VN0

Ion 85.90 (85.60 to 86.60): VN0



#33

1,2-Dichloroethane-d4

Concen: 49.806 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. 0.00 min

Lab File: VN056077.D

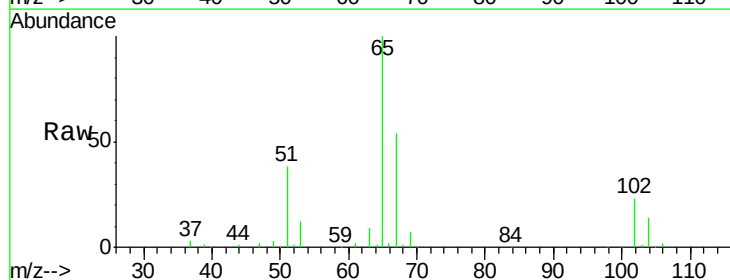
Acq: 7 Jun 2019 5:09

Tgt Ion: 65 Resp: 165689

Ion Ratio Lower Upper

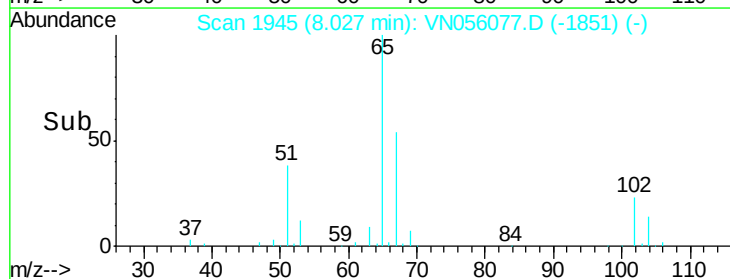
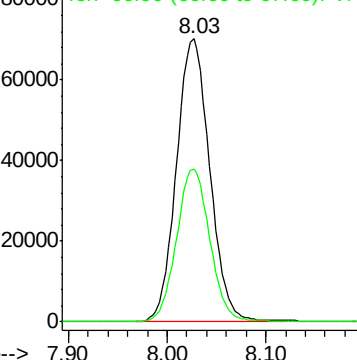
65 100

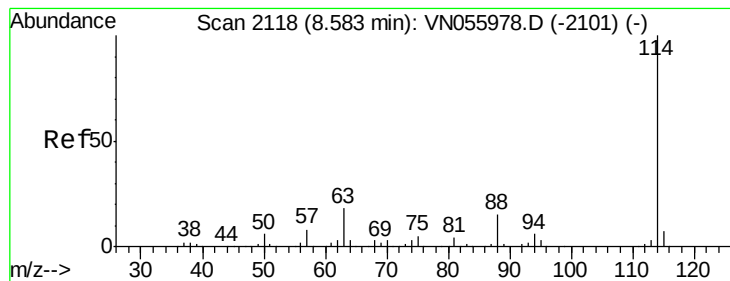
67 54.1 0.0 109.2



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: 8.58 min Scan# 2118

Delta R.T. -0.00 min

Lab File: VN056077.D

Acq: 7 Jun 2019 5:09

Instrument :

MSVOA_N

ClientSampleId :

HR-05-060519-C

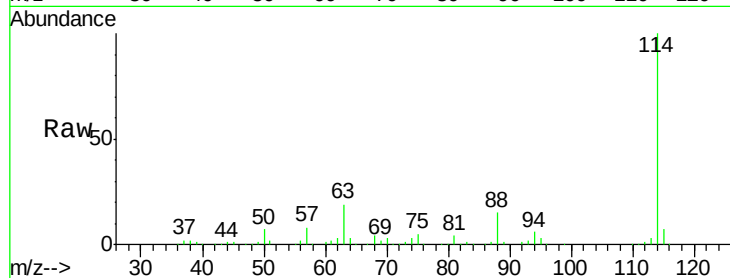
Tot Ion:114 Resp: 509023

Ion Ratio Lower Upper

114 100

63 18.7 0.0 39.2

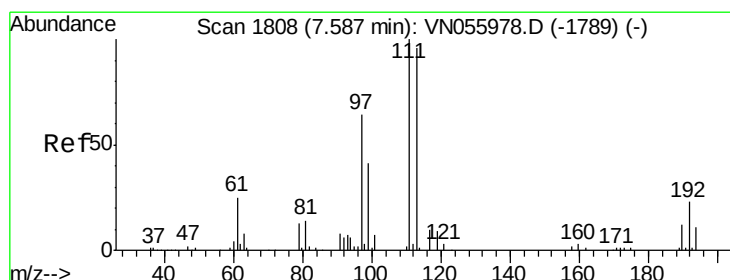
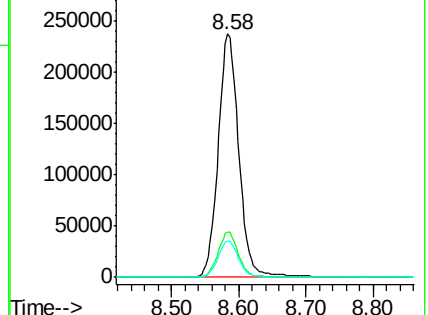
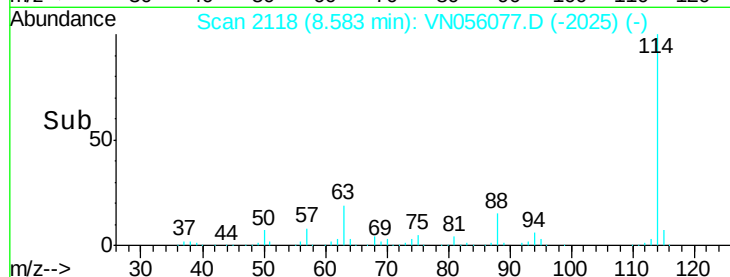
88 15.1 0.0 31.0



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN0

Ion 87.90 (87.60 to 88.60): VN0



#35

Dibromofluoromethane

Concen: 46.207 ug/l

RT: 7.59 min Scan# 1809

Delta R.T. 0.00 min

Lab File: VN056077.D

Acq: 7 Jun 2019 5:09

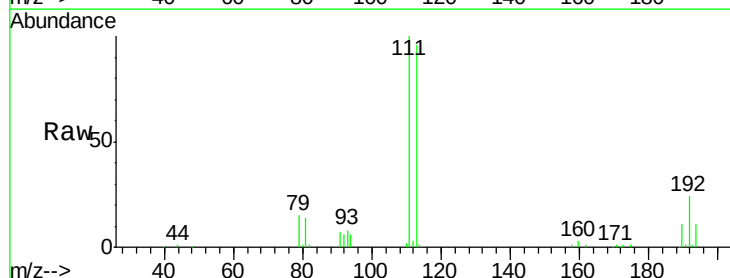
Tgt Ion:113 Resp: 144304

Ion Ratio Lower Upper

113 100

111 102.0 81.9 122.9

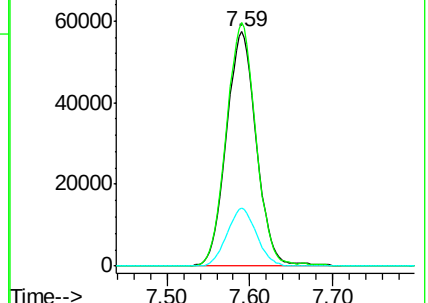
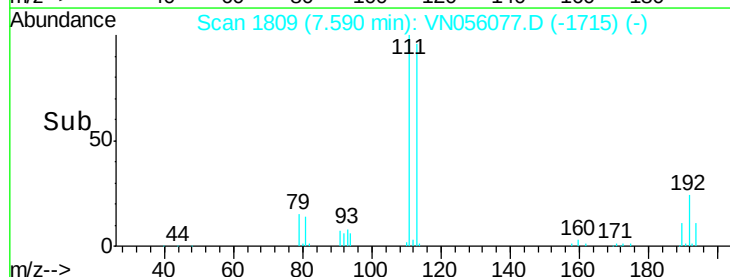
192 24.3 19.5 29.3

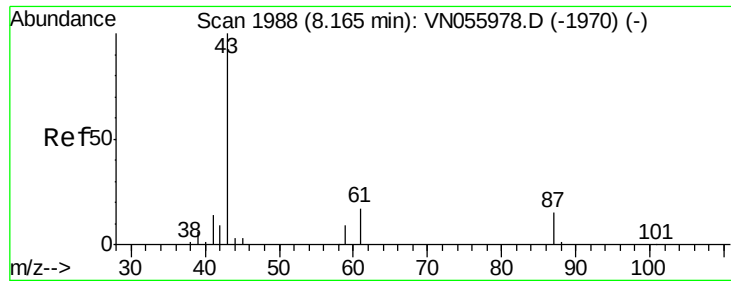


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 1.679 ug/l

RT: 8.17 min Scan# 1989

Delta R.T. 0.00 min

Lab File: VN056077.D

Acq: 7 Jun 2019 5:09

Instrument :

MSVOA_N

ClientSampleId :

HR-05-060519-C

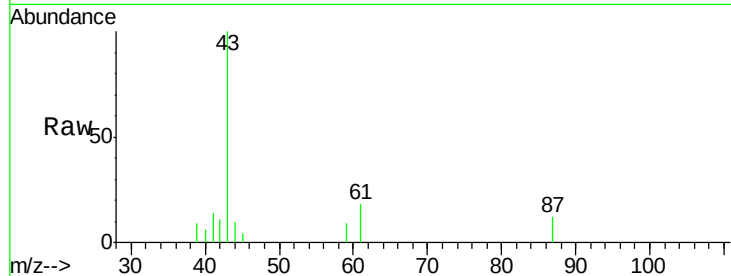
Tot Ion: 43 Resp: 10595

Ion Ratio Lower Upper

43 100

61 17.6 22.2 33.4#

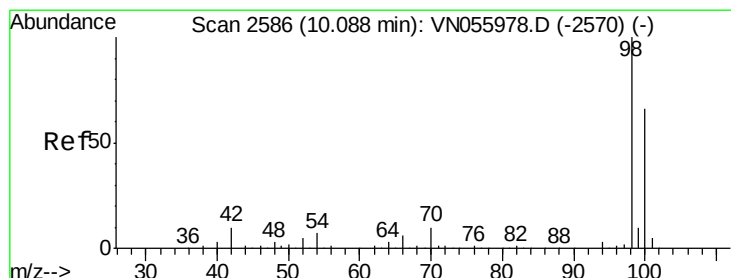
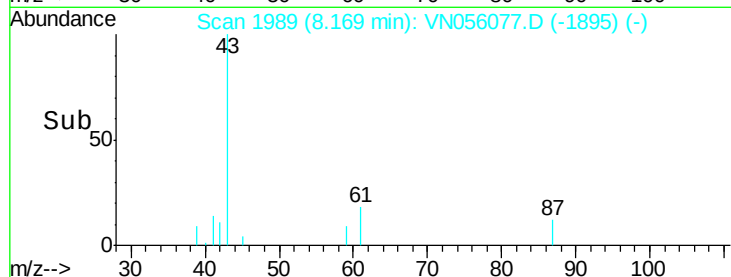
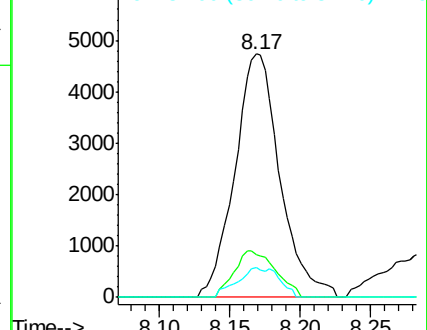
87 11.3 11.4 17.2#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 61.00 (60.70 to 61.70): VN0

Ion 87.00 (86.70 to 87.70): VN0



#50

Toluene-d8

Concen: 51.467 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN056077.D

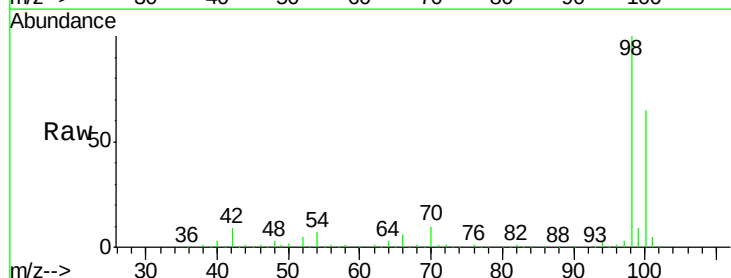
Acq: 7 Jun 2019 5:09

Tgt Ion: 98 Resp: 618494

Ion Ratio Lower Upper

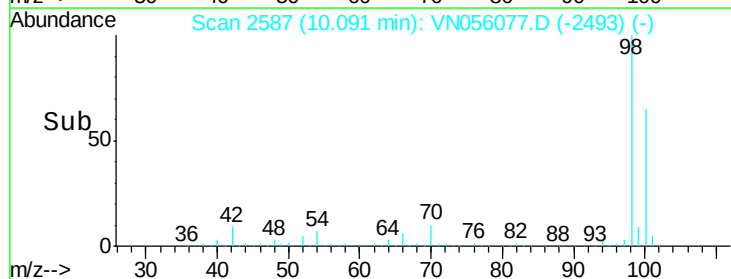
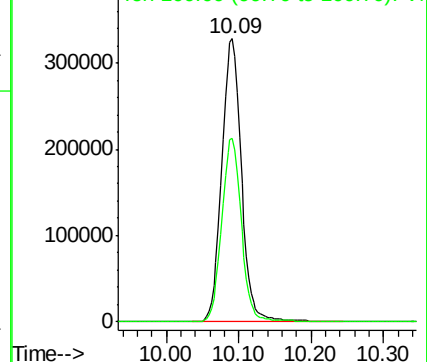
98 100

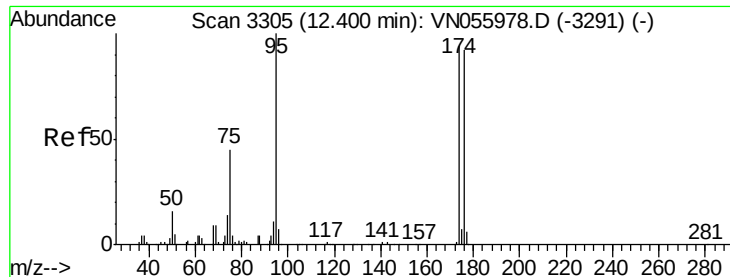
100 64.8 51.9 77.9



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0





#62

4-Bromofluorobenzene

Concen: 49.819 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN056077.D

Acq: 7 Jun 2019 5:09

Instrument :

MSVOA_N

ClientSampleId :

HR-05-060519-C

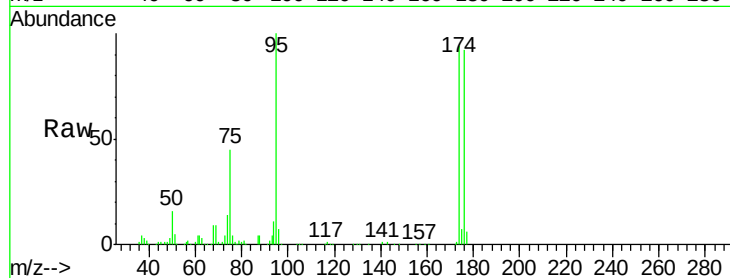
Tot Ion: 95 Resp: 203603

Ion Ratio Lower Upper

95 100

174 96.5 0.0 191.0

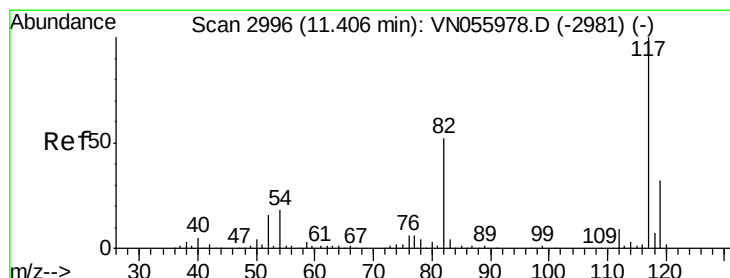
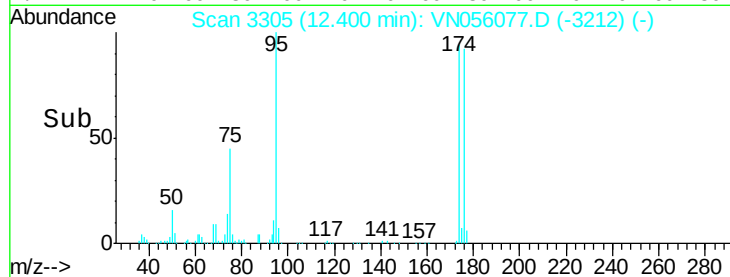
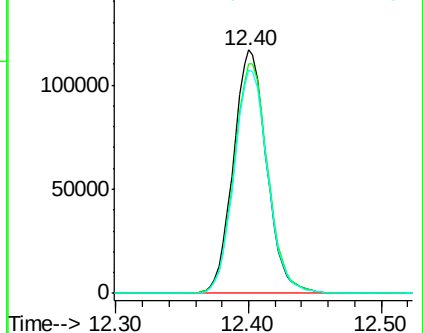
176 92.7 0.0 185.2



Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): VN0

Ion 175.80 (175.50 to 176.50): VN0



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. -0.00 min

Lab File: VN056077.D

Acq: 7 Jun 2019 5:09

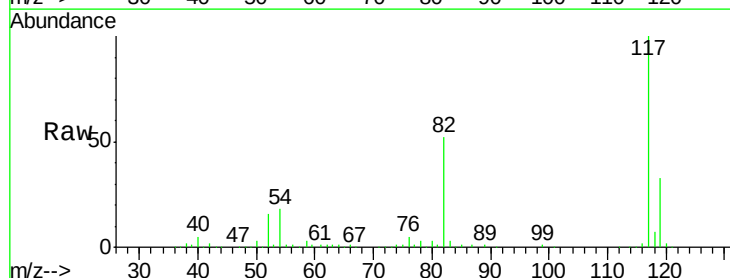
Tgt Ion: 117 Resp: 489181

Ion Ratio Lower Upper

117 100

82 52.3 41.8 62.8

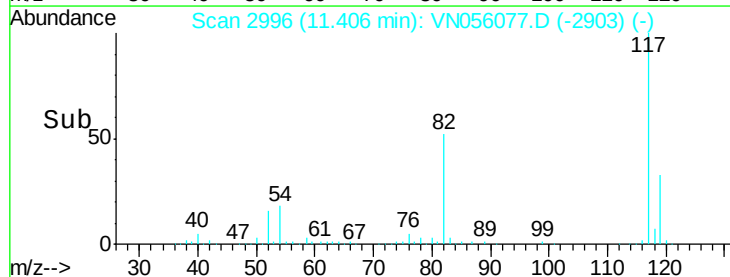
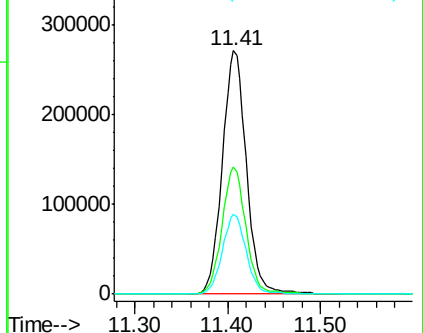
119 32.5 25.4 38.0

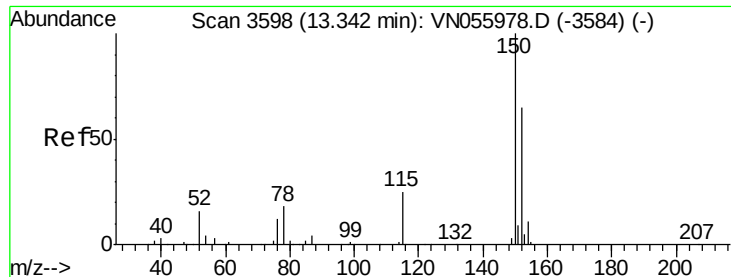


Abundance Ion 116.90 (116.60 to 117.60): VN0

Ion 82.00 (81.70 to 82.70): VN0

Ion 118.90 (118.60 to 119.60): VN0

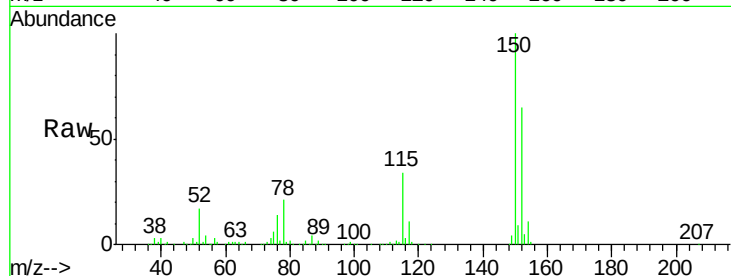




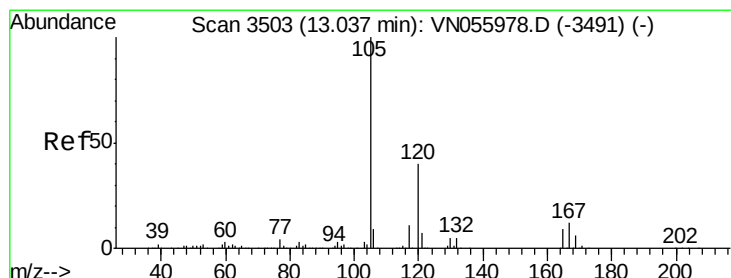
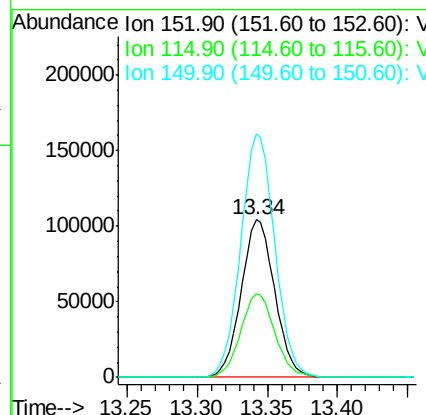
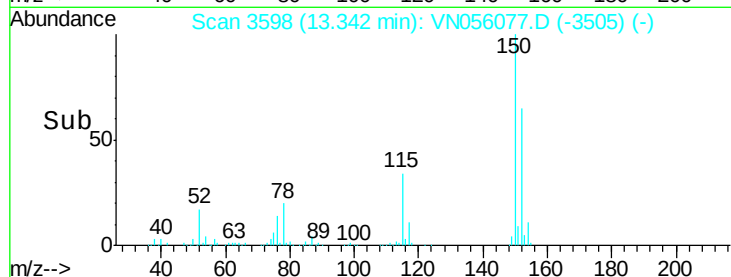
#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.34 min Scan# 3598
 Delta R.T. -0.00 min
 Lab File: VN056077.D
 Acq: 7 Jun 2019 5:09

Instrument :
 MSVOA_N
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 HR-05-060519-C

Tot Ion:152 Resp: 174027
 Ion Ratio Lower Upper
 152 100
 115 54.2 27.0 81.0
 150 156.8 0.0 343.2

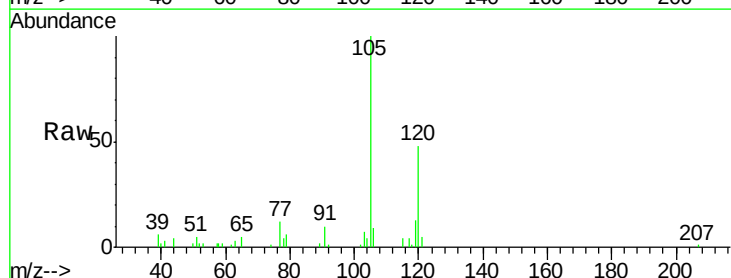


Abundance Ion 151.90 (151.60 to 152.60): V
 Ion 114.90 (114.60 to 115.60): V
 Ion 149.90 (149.60 to 150.60): V

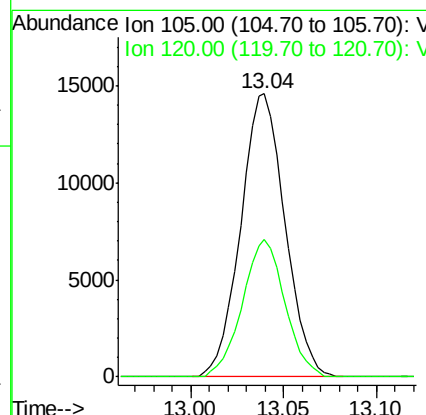
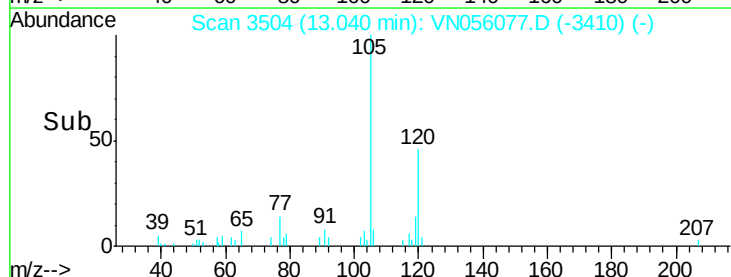


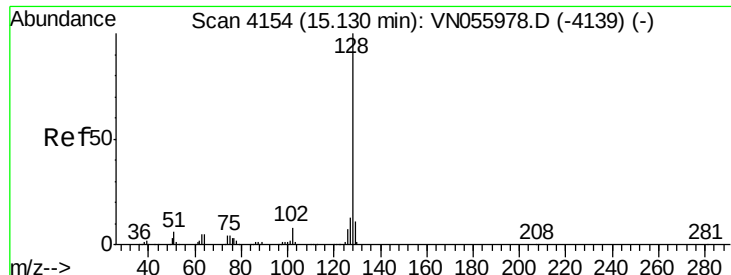
#84
 1,2,4-Trimethylbenzene
 Concen: 2.173 ug/l
 RT: 13.04 min Scan# 3504
 Delta R.T. 0.00 min
 Lab File: VN056077.D
 Acq: 7 Jun 2019 5:09

Tgt Ion:105 Resp: 24117
 Ion Ratio Lower Upper
 105 100
 120 46.7 23.0 69.0



Abundance Ion 105.00 (104.70 to 105.70): V
 Ion 120.00 (119.70 to 120.70): V





#95

Naphthalene

Concen: 4.485 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN056077.D

Acq: 7 Jun 2019 5:09

Instrument :

MSVOA_N

ClientSampleId :

HR-05-060519-C

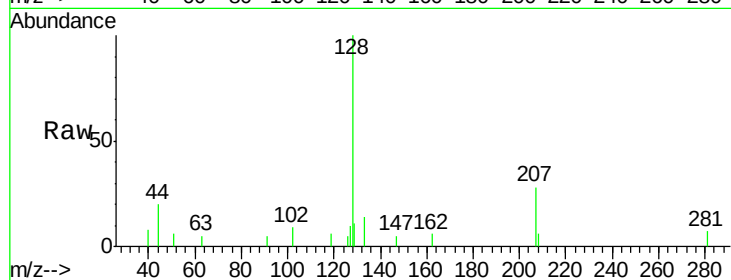
Tot Ion:128 Resp: 5719

Ion Ratio Lower Upper

128 100

127 8.1 10.3 15.5#

129 9.9 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

