

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN060719\
 Data File : VN056078.D
 Acq On : 7 Jun 2019 5:34
 Operator : JC/SP
 Sample : K3153-04
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 51 Sample Multiplier: 1

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

Quant Time: Jun 07 07:26:23 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

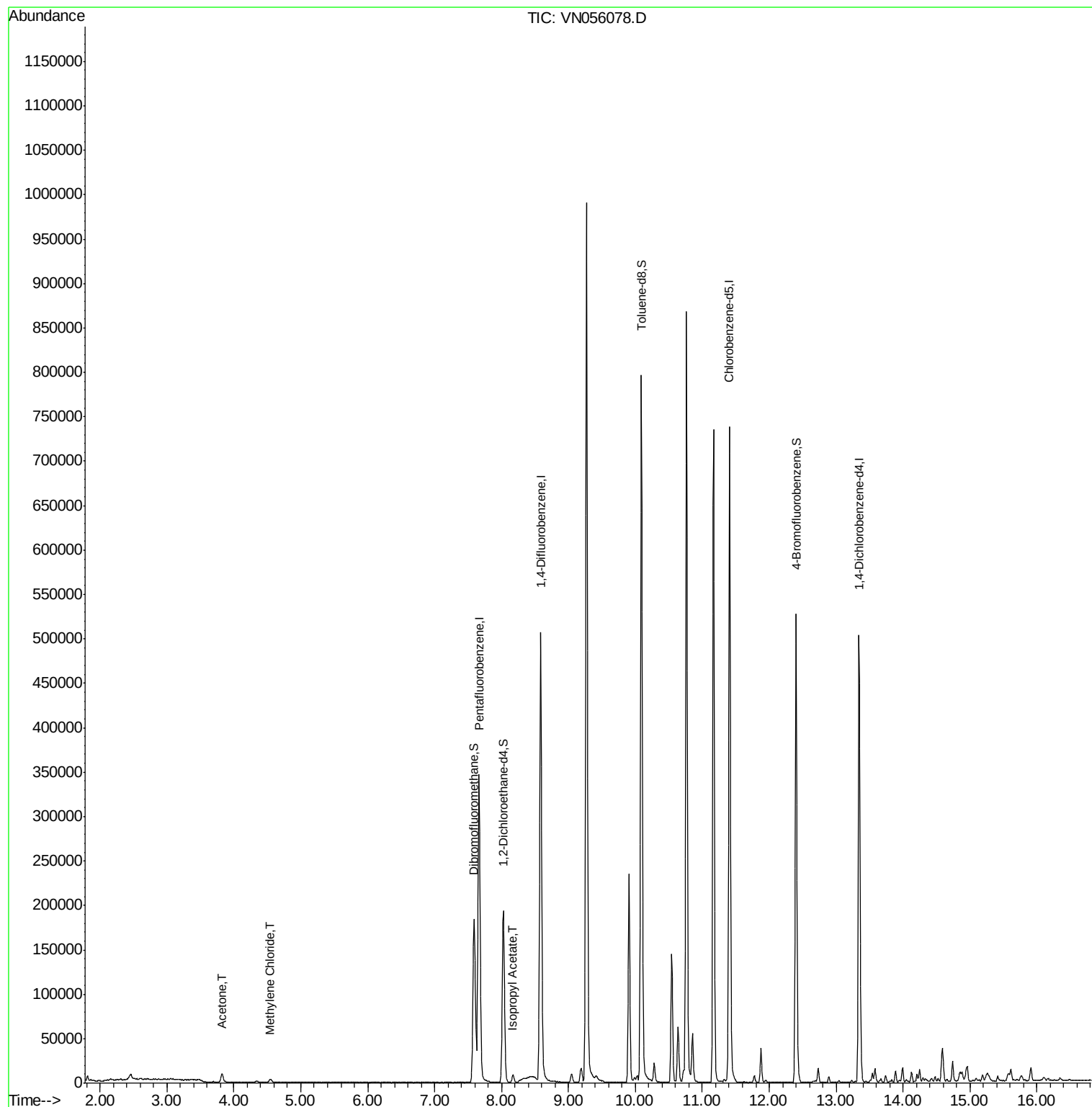
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	323843	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	502846	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	474196	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	154853	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	165029	51.32	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.64%	
35) Dibromofluoromethane	7.59	113	141834	45.97	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.94%	
50) Toluene-d8	10.09	98	609615	51.35	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.70%	
62) 4-Bromofluorobenzene	12.40	95	190090	47.08	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.16%	
Target Compounds						
16) Acetone	3.82	43	17669	11.489	ug/l	97
20) Methylene Chloride	4.54	84	3232	1.020	ug/l	98
43) Isopropyl Acetate	8.17	43	10406	1.669	ug/l #	76

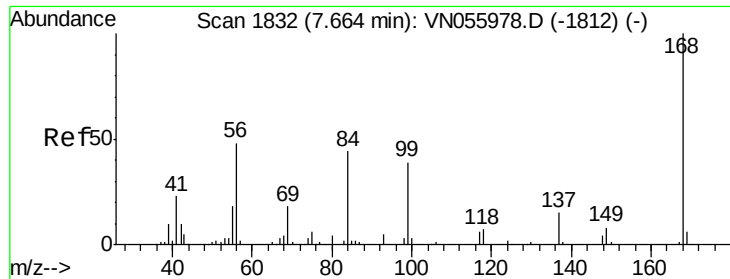
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN056078.D

Acq: 7 Jun 2019 5:34

Instrument :

MSVOA_N

ClientSampleId :

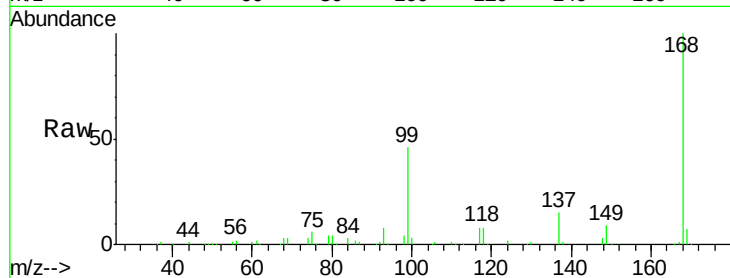
HR-05-060519-B

Tot Ion:168 Resp: 323843

Ion Ratio Lower Upper

168 100

99 46.5 37.2 55.8



Abundance Ion 167.90 (167.60 to 168.60): VN055978.D (-1812) (-)

Ion 98.90 (98.60 to 99.60): VN055978.D (-1812) (-)

7.66

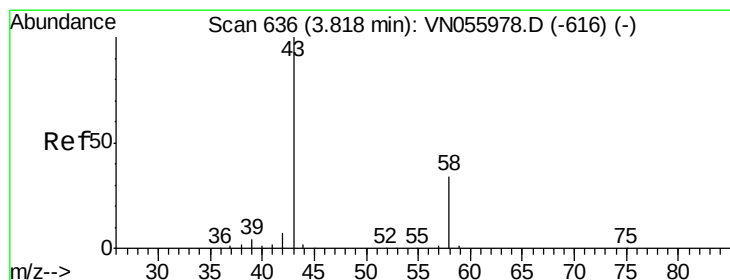
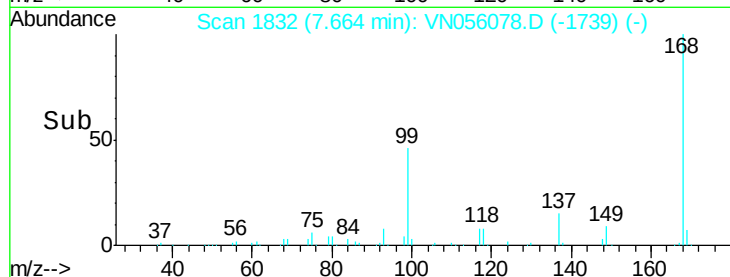
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 11.489 ug/l

RT: 3.82 min Scan# 637

Delta R.T. 0.00 min

Lab File: VN056078.D

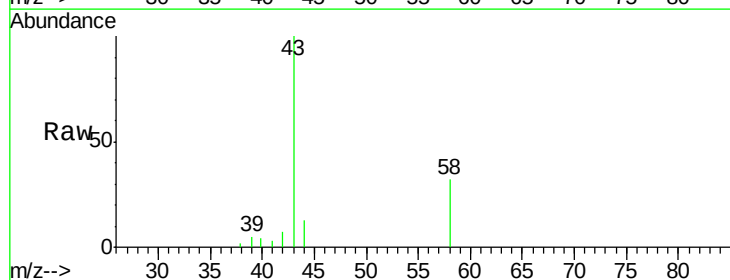
Acq: 7 Jun 2019 5:34

Tgt Ion: 43 Resp: 17669

Ion Ratio Lower Upper

43 100

58 31.6 26.6 39.8



Abundance Ion 43.00 (42.70 to 43.70): VN055978.D (-616) (-)

Ion 58.00 (57.70 to 58.70): VN055978.D (-616) (-)

3.82

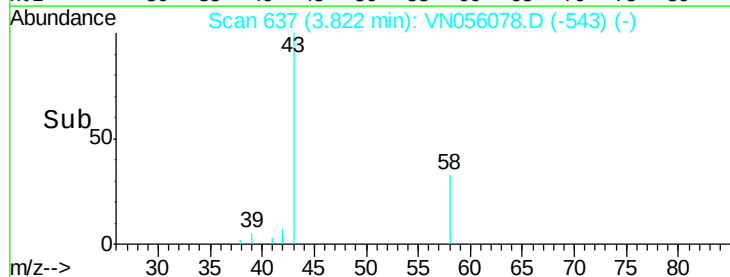
6000

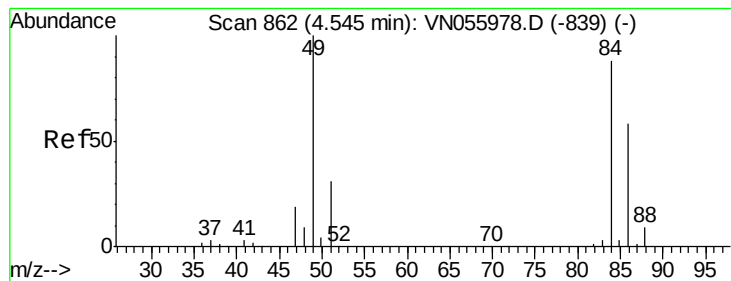
4000

2000

0

Time-->





#20

Methylene Chloride

Concen: 1.020 ug/l

RT: 4.54 min Scan# 861

Delta R.T. -0.00 min

Lab File: VN056078.D

Acq: 7 Jun 2019 5:34

Instrument :

MSVOA_N

ClientSampleId :

HR-05-060519-B

Tot Ion: 84 Resp: 3232

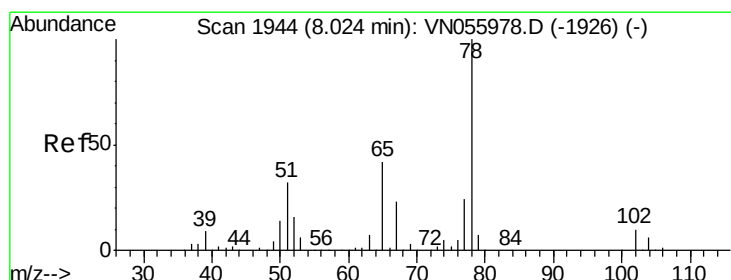
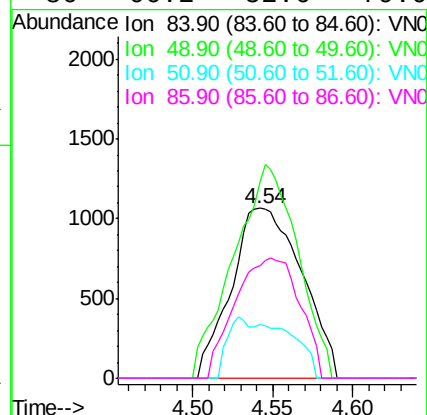
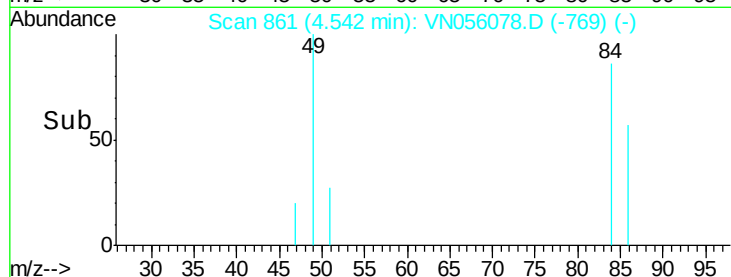
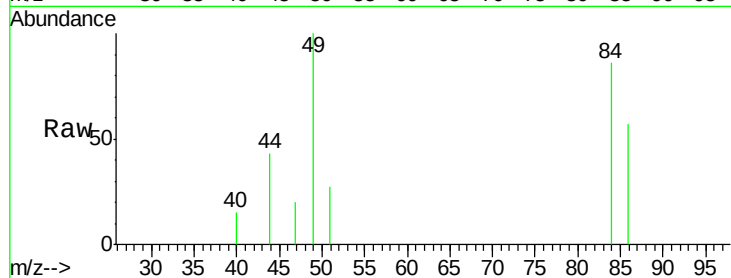
Ion Ratio Lower Upper

84 100

49 116.3 93.5 140.3

51 31.4 28.6 43.0

86 66.2 52.6 79.0



#33

1,2-Dichloroethane-d4

Concen: 51.323 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. 0.00 min

Lab File: VN056078.D

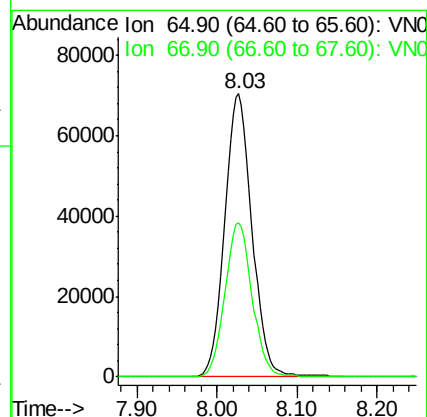
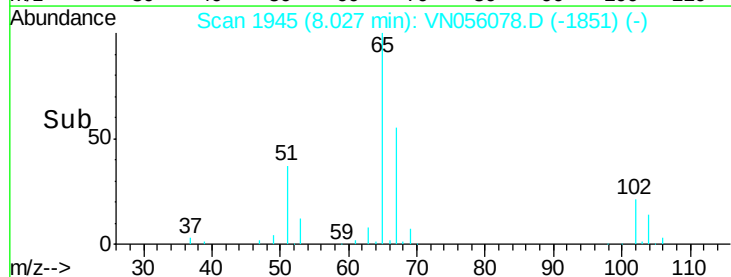
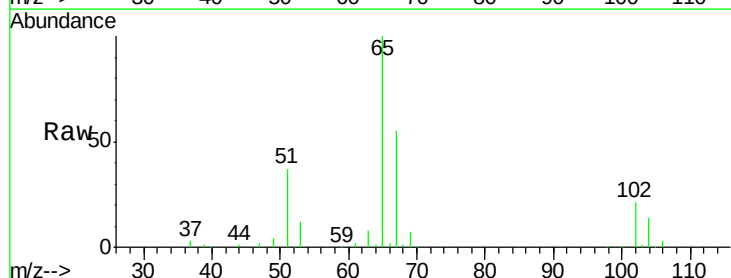
Acq: 7 Jun 2019 5:34

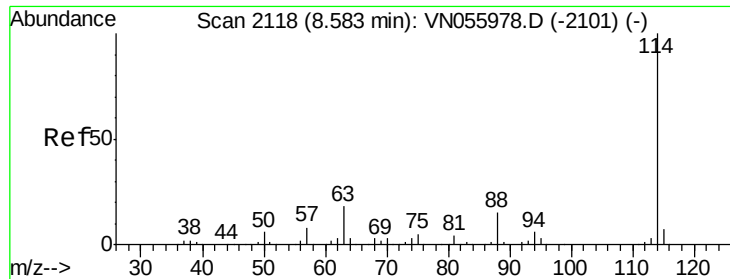
Tgt Ion: 65 Resp: 165029

Ion Ratio Lower Upper

65 100

67 54.3 0.0 109.2

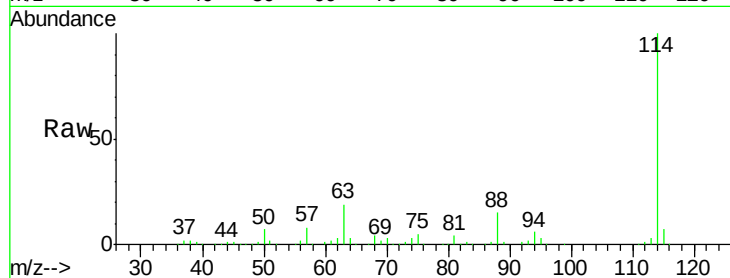




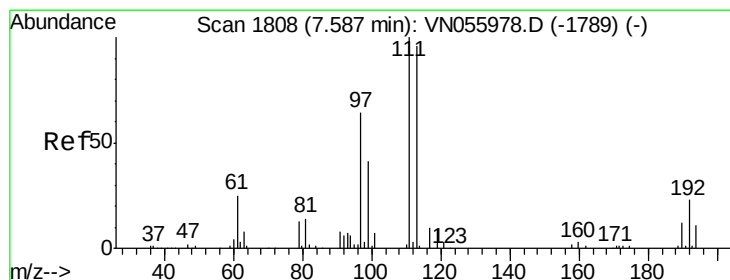
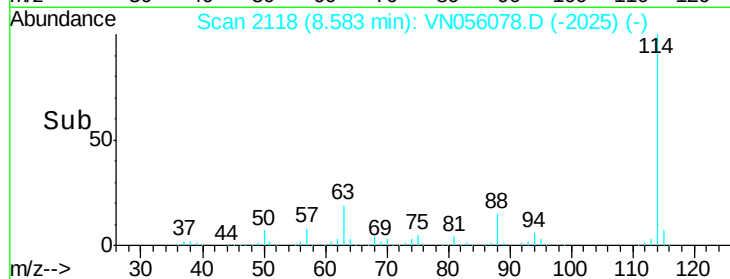
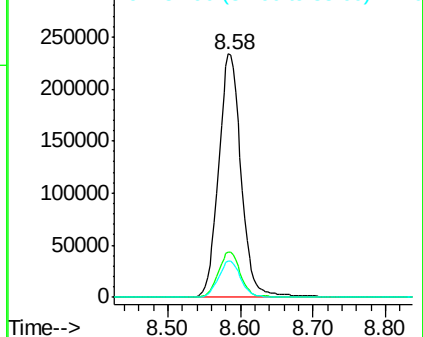
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.58 min Scan# 2118
Delta R.T. 0.00 min
Lab File: VN056078.D
Acq: 7 Jun 2019 5:34

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

Tot Ion:114 Resp: 502846
Ion Ratio Lower Upper
114 100
63 18.7 0.0 39.2
88 14.9 0.0 31.0

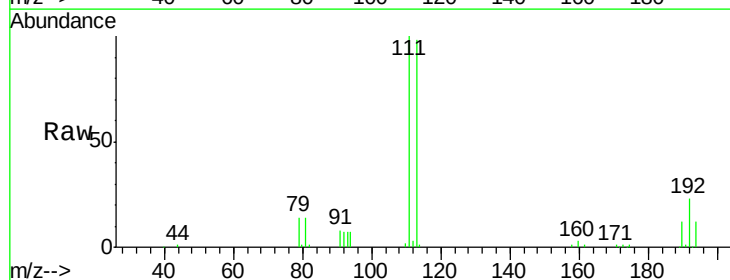


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): V
Ion 87.90 (87.60 to 88.60): V

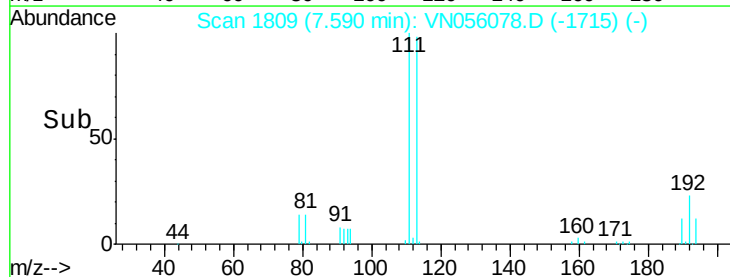
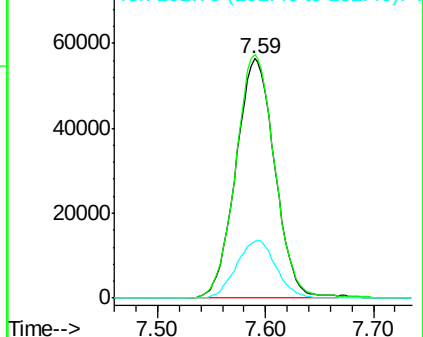


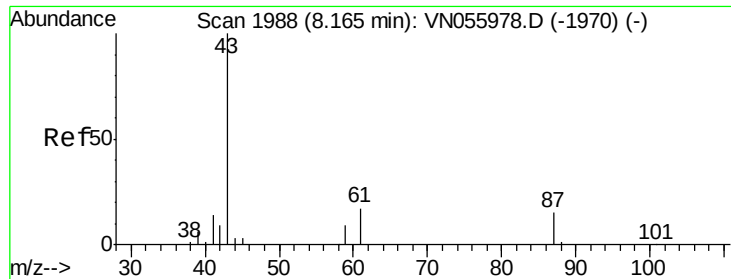
#35
Dibromofluoromethane
Concen: 45.973 ug/l
RT: 7.59 min Scan# 1809
Delta R.T. 0.00 min
Lab File: VN056078.D
Acq: 7 Jun 2019 5:34

Tgt Ion:113 Resp: 141834
Ion Ratio Lower Upper
113 100
111 102.3 81.9 122.9
192 24.4 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: 1.669 ug/l

RT: 8.17 min Scan# 1990

Delta R.T. 0.01 min

Lab File: VN056078.D

Acq: 7 Jun 2019 5:34

Instrument :

MSVOA_N

ClientSampleId :

HR-05-060519-B

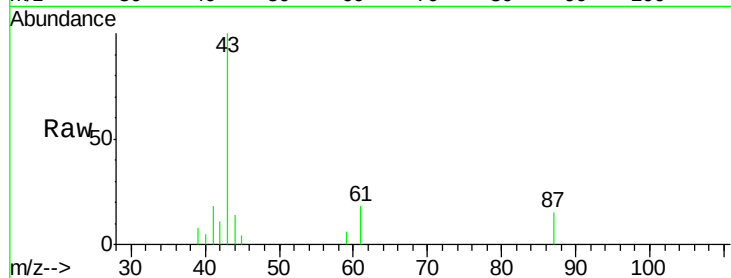
Tot Ion: 43 Resp: 10406

Ion Ratio Lower Upper

43 100

61 10.2 22.2 33.4#

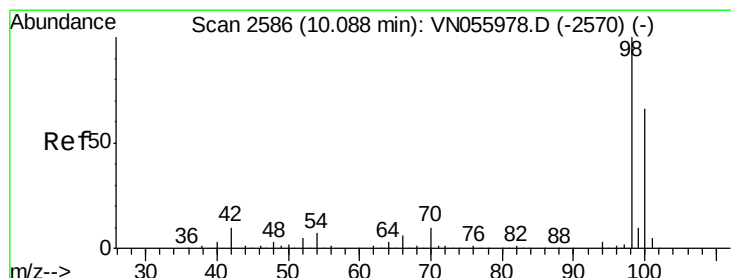
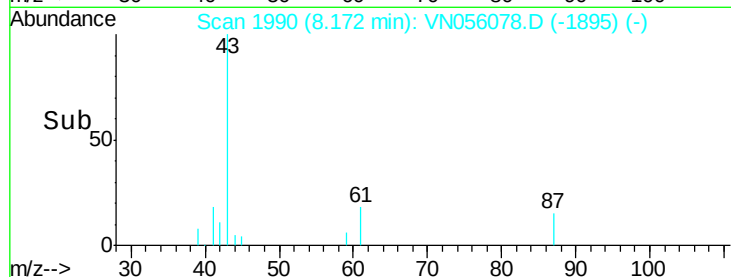
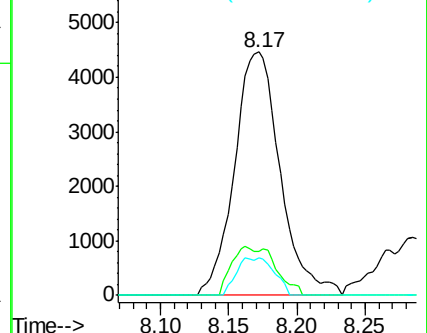
87 12.6 11.4 17.2



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: 51.351 ug/l

RT: 10.09 min Scan# 2586

Delta R.T. 0.00 min

Lab File: VN056078.D

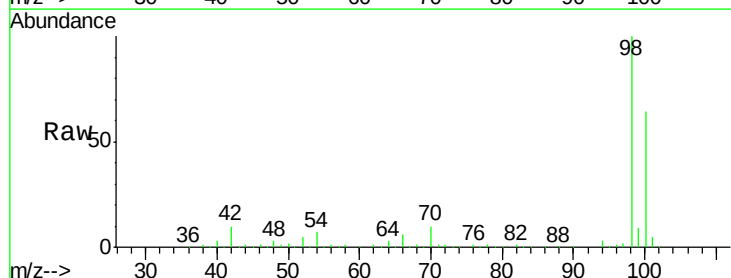
Acq: 7 Jun 2019 5:34

Tgt Ion: 98 Resp: 609615

Ion Ratio Lower Upper

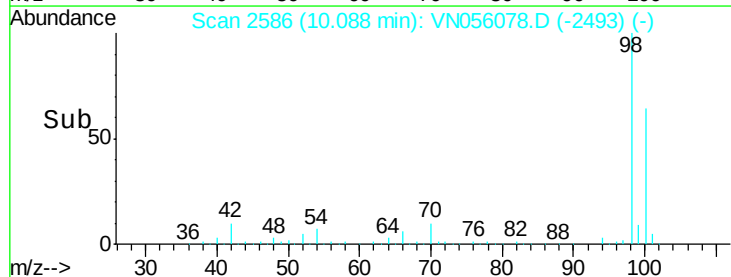
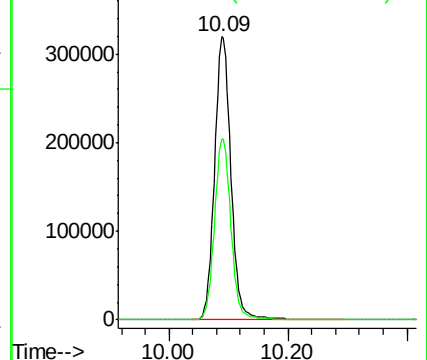
98 100

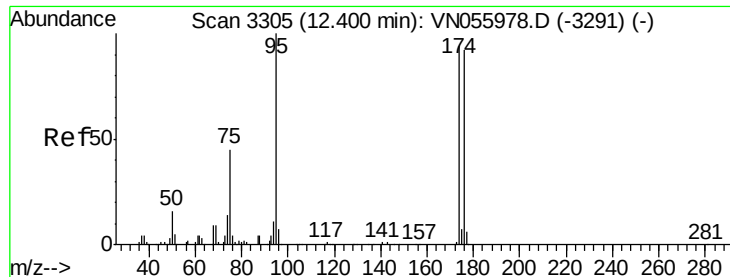
100 64.1 51.9 77.9



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0





#62

4-Bromofluorobenzene

Concen: 47.084 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN056078.D

Acq: 7 Jun 2019 5:34

Instrument :

MSVOA_N

ClientSampleId :

HR-05-060519-B

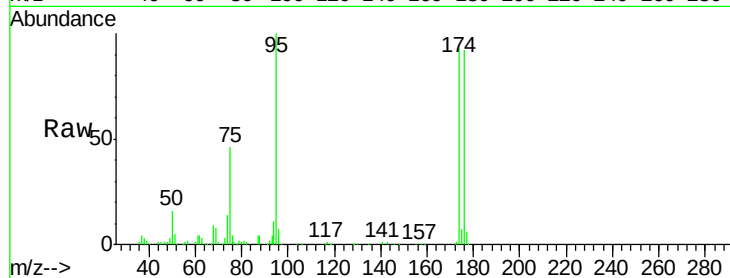
Tot Ion: 95 Resp: 190090

Ion Ratio Lower Upper

95 100

174 95.4 0.0 191.0

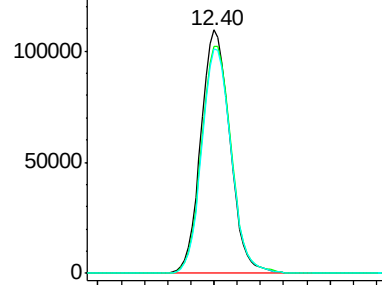
176 93.1 0.0 185.2



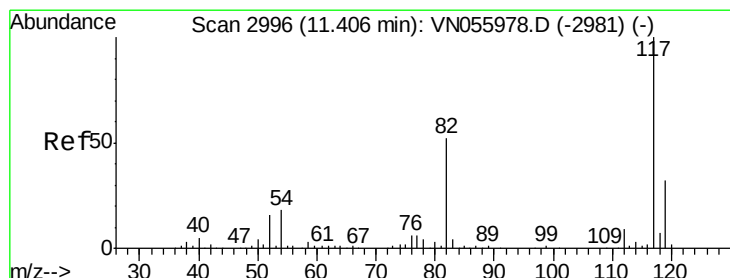
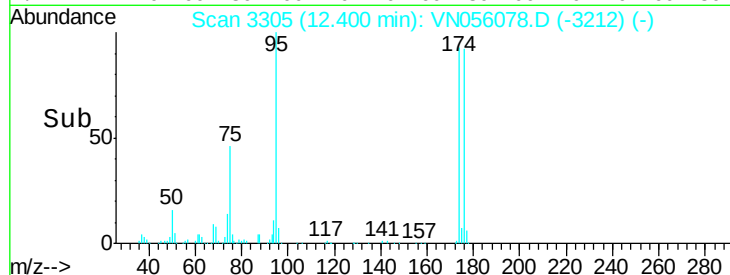
Abundance Ion 94.90 (94.60 to 95.60): VN055978.D (-3291) (-)

Ion 173.80 (173.50 to 174.50): VN055978.D (-3291) (-)

Ion 175.80 (175.50 to 176.50): VN055978.D (-3291) (-)



Time-->



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN056078.D

Acq: 7 Jun 2019 5:34

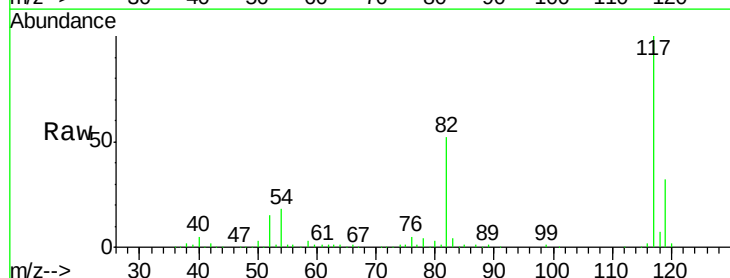
Tgt Ion: 117 Resp: 474196

Ion Ratio Lower Upper

117 100

82 51.6 41.8 62.8

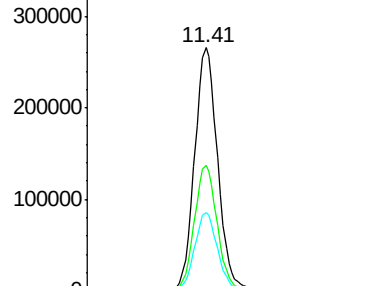
119 32.4 25.4 38.0



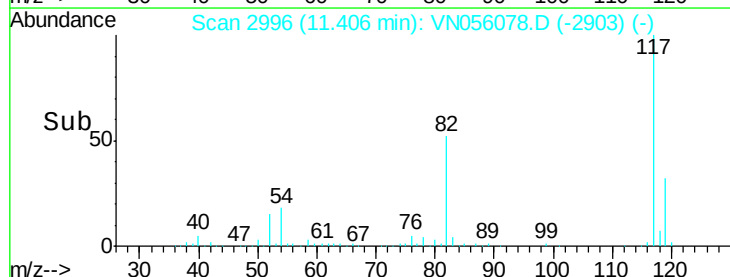
Abundance Ion 116.90 (116.60 to 117.60): VN055978.D (-2981) (-)

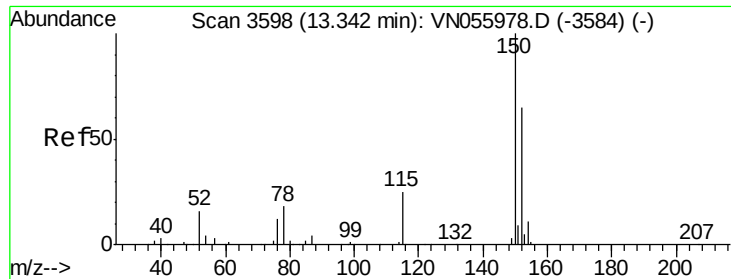
Ion 82.00 (81.70 to 82.70): VN055978.D (-2981) (-)

Ion 118.90 (118.60 to 119.60): VN055978.D (-2981) (-)



Time-->





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. 0.00 min

Lab File: VN056078.D

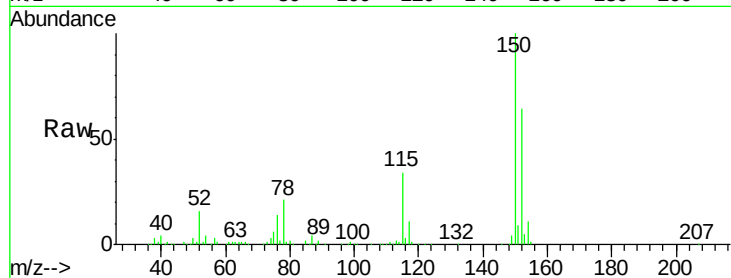
Acq: 7 Jun 2019 5:34

Instrument :

MSVOA_N

ClientSampleId :

HR-05-060519-B



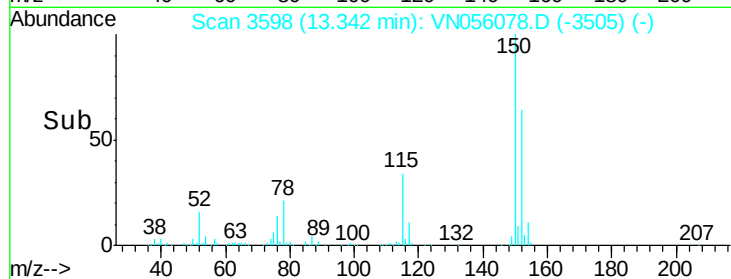
Tot Ion:152 Resp: 154853

Ion Ratio Lower Upper

152 100

115 53.6 27.0 81.0

150 156.4 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

