

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN060719\
 Data File : VN056079.D
 Acq On : 7 Jun 2019 5:59
 Operator : JC/SP
 Sample : K3153-02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 52 Sample Multiplier: 1

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

Quant Time: Jun 07 07:28:16 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

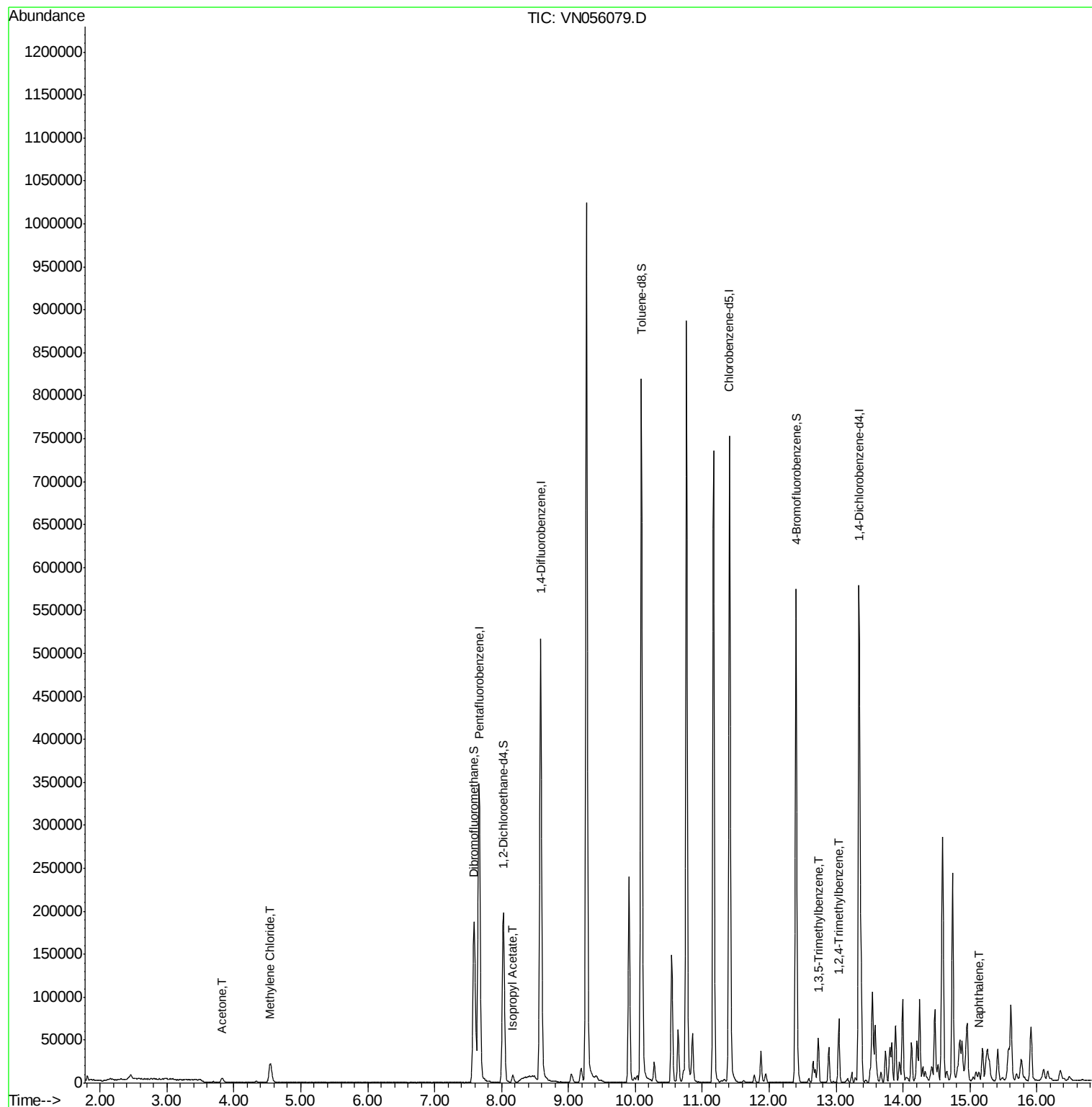
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	333224	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	510710	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	489979	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	176592	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	164725	49.79	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.58%	
35) Dibromofluoromethane	7.59	113	146780	46.84	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.68%	
50) Toluene-d8	10.09	98	614461	50.96	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.92%	
62) 4-Bromofluorobenzene	12.40	95	200963	49.01	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.02%	
Target Compounds						
16) Acetone	3.82	43	9151	5.783	ug/l	99
20) Methylene Chloride	4.55	84	18400	5.644	ug/l	97
43) Isopropyl Acetate	8.17	43	10508	1.660	ug/l #	90
80) 1,3,5-Trimethylbenzene	12.73	105	30496	2.568	ug/l	100
84) 1,2,4-Trimethylbenzene	13.04	105	43902	3.899	ug/l	97
95) Naphthalene	15.13	128	8405	4.770	ug/l #	93

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

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. 0.00 min

Lab File: VN056079.D

Acq: 7 Jun 2019 5:59

Instrument :

MSVOA_N

ClientSampleId :

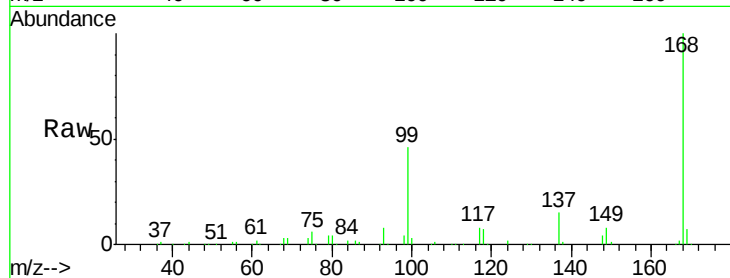
HR-05-060519-A

Tot Ion:168 Resp: 333224

Ion Ratio Lower Upper

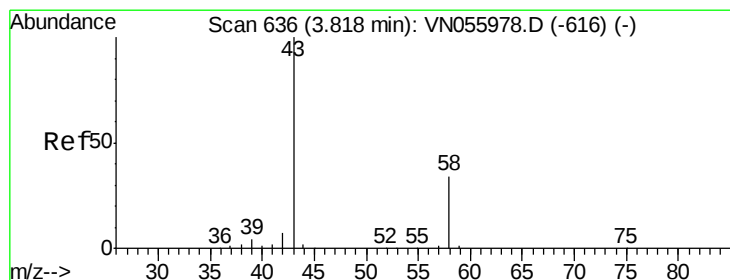
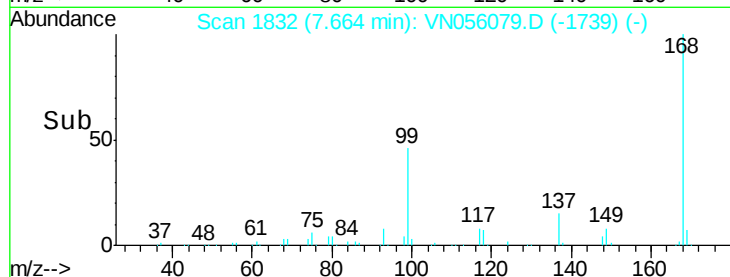
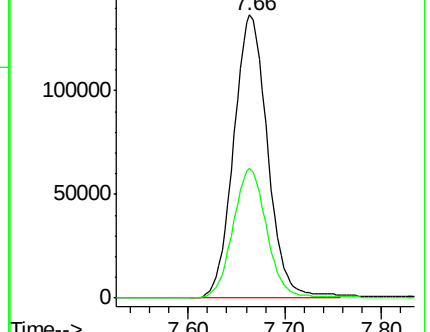
168 100

99 45.8 37.2 55.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN



#16

Acetone

Concen: 5.783 ug/l

RT: 3.82 min Scan# 637

Delta R.T. 0.00 min

Lab File: VN056079.D

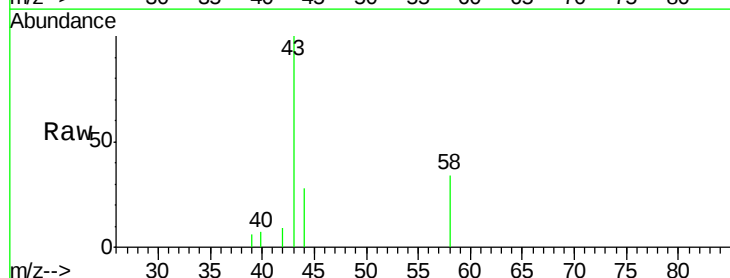
Acq: 7 Jun 2019 5:59

Tgt Ion: 43 Resp: 9151

Ion Ratio Lower Upper

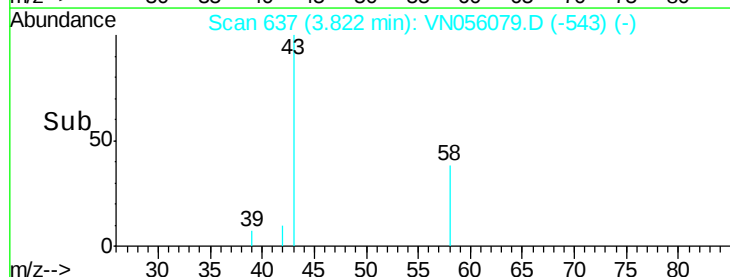
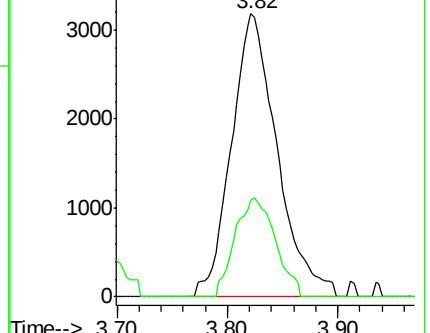
43 100

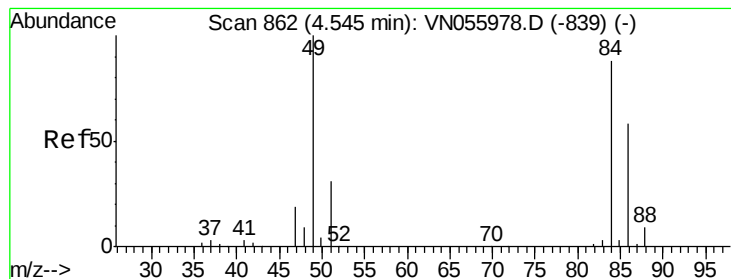
58 34.0 26.6 39.8



Abundance Ion 43.00 (42.70 to 43.70): VN

Ion 58.00 (57.70 to 58.70): VN





#20

Methylene Chloride

Concen: 5.644 ug/l

RT: 4.55 min Scan# 864

Delta R.T. 0.01 min

Lab File: VN056079.D

Acq: 7 Jun 2019 5:59

Instrument :

MSVOA_N

ClientSampled :

HR-05-060519-A

Tot Ion: 84 Resp: 18400

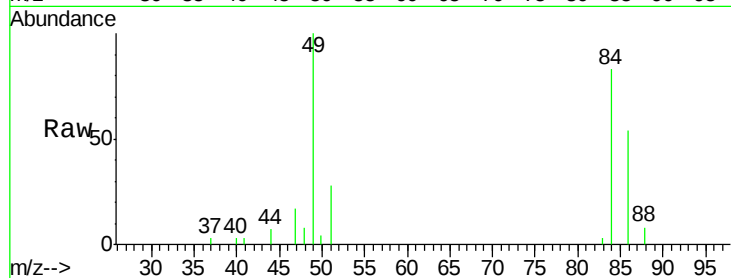
Ion Ratio Lower Upper

84 100

49 120.1 93.5 140.3

51 33.2 28.6 43.0

86 64.7 52.6 79.0

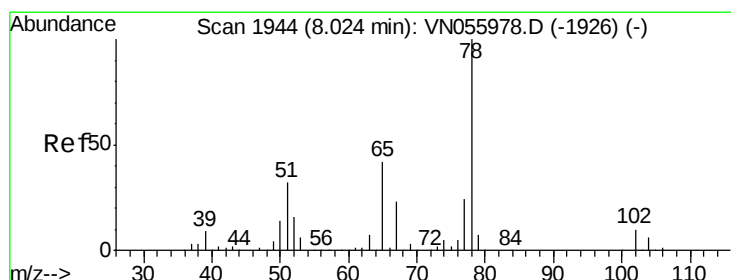
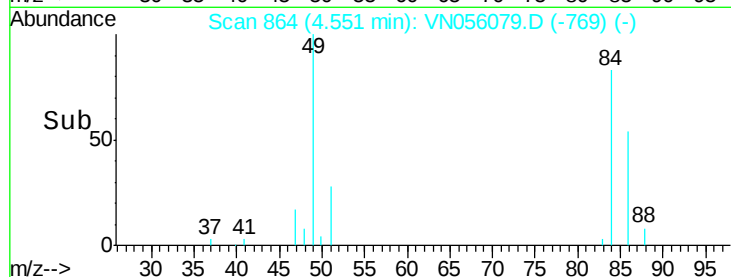
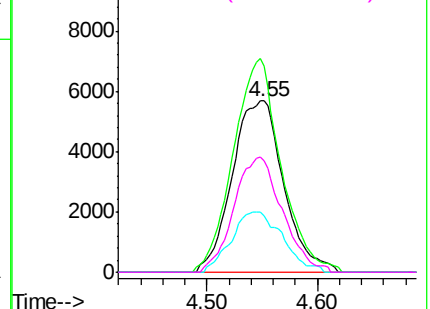


Abundance Ion 83.90 (83.60 to 84.60): VN0

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: 49.786 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. 0.00 min

Lab File: VN056079.D

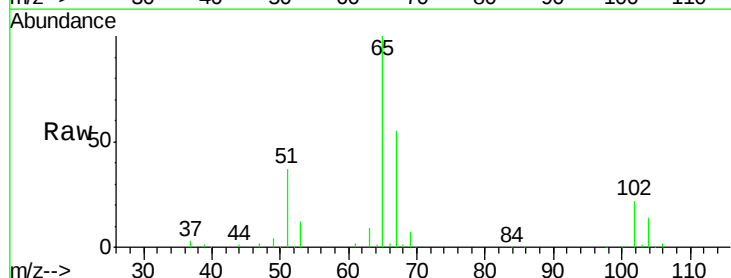
Acq: 7 Jun 2019 5:59

Tgt Ion: 65 Resp: 164725

Ion Ratio Lower Upper

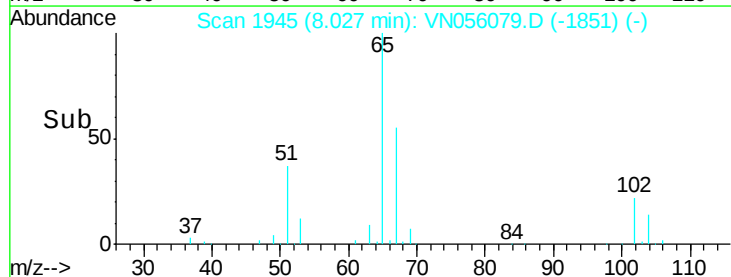
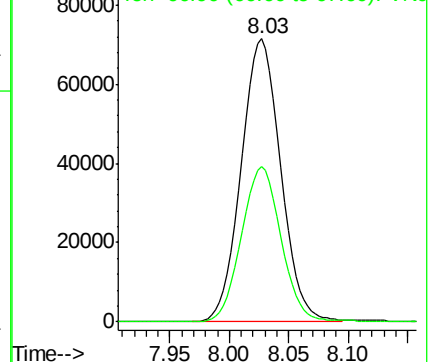
65 100

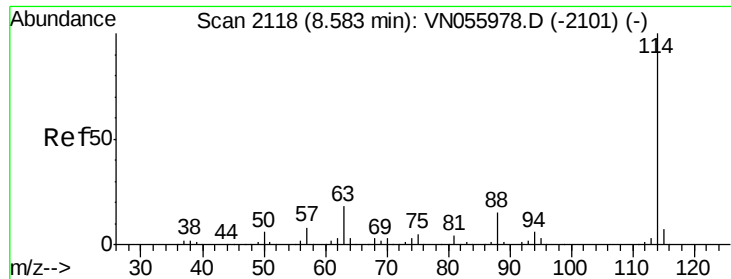
67 55.2 0.0 109.2



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

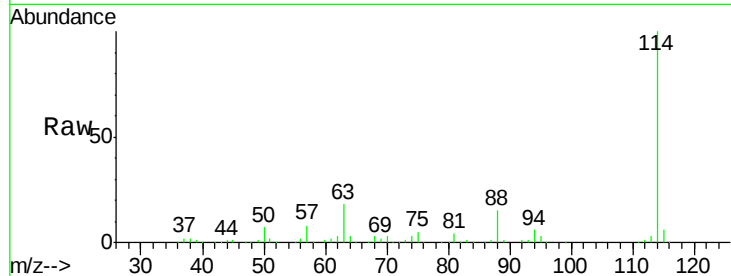




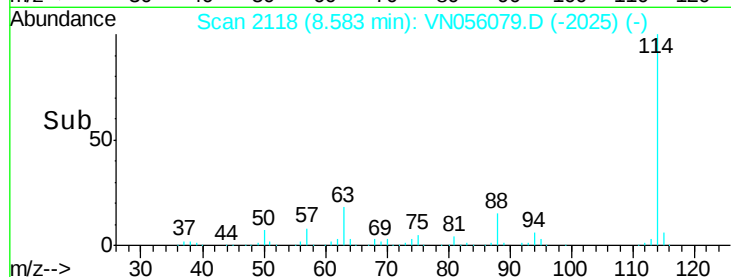
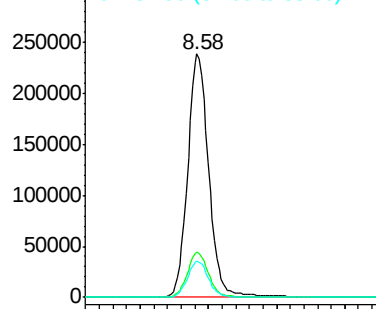
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.58 min Scan# 2118
 Delta R.T. 0.00 min
 Lab File: VN056079.D
 Acq: 7 Jun 2019 5:59

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

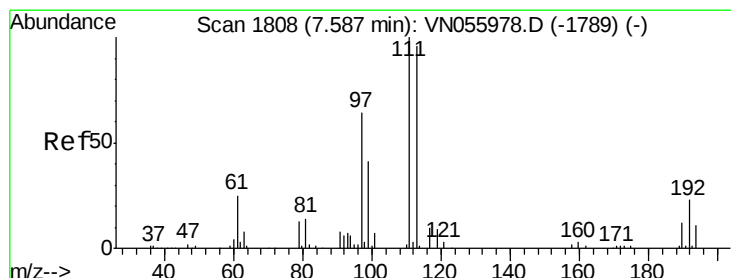
Tot Ion	Ratio	Lower	Upper
114	100		
63	18.4	0.0	39.2
88	14.8	0.0	31.0



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

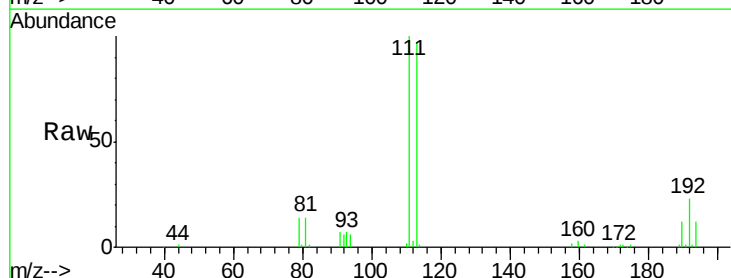


Time-->

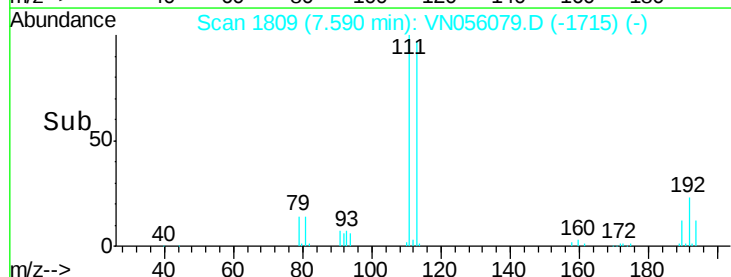
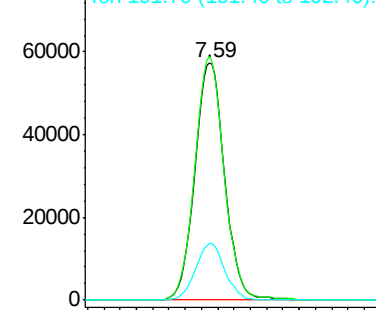


#35
 Dibromofluoromethane
 Concen: 46.844 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. 0.00 min
 Lab File: VN056079.D
 Acq: 7 Jun 2019 5:59

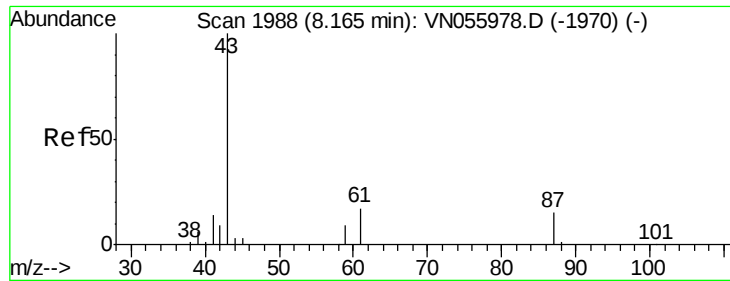
Tgt Ion	Ratio	Lower	Upper
113	100		
111	101.4	81.9	122.9
192	23.4	19.5	29.3



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



Time-->



#43

Isopropyl Acetate

Concen: 1.660 ug/l

RT: 8.17 min Scan# 1988

Delta R.T. 0.00 min

Lab File: VN056079.D

Acq: 7 Jun 2019 5:59

Instrument :

MSVOA_N

ClientSampleId :

HR-05-060519-A

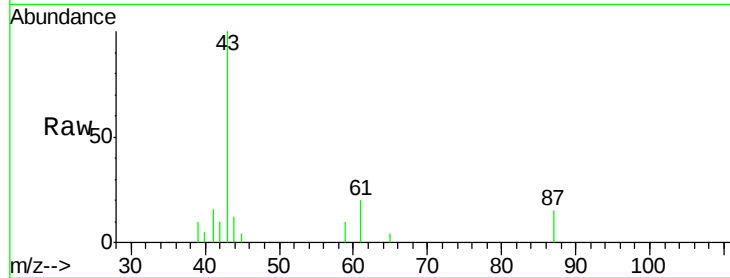
Tot Ion: 43 Resp: 10508

Ion Ratio Lower Upper

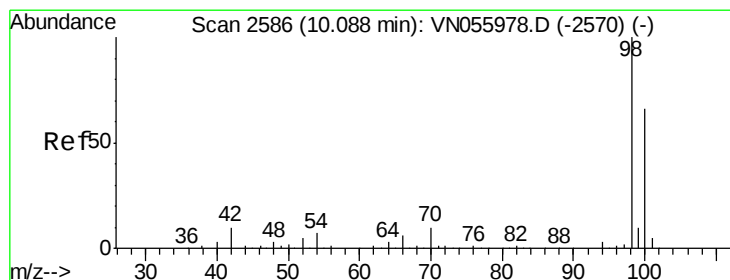
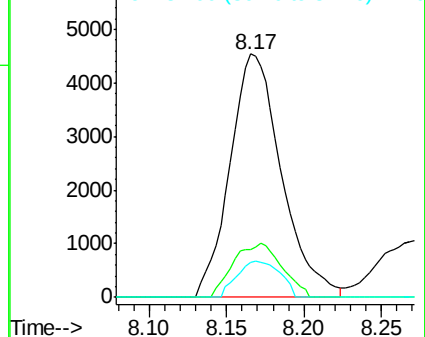
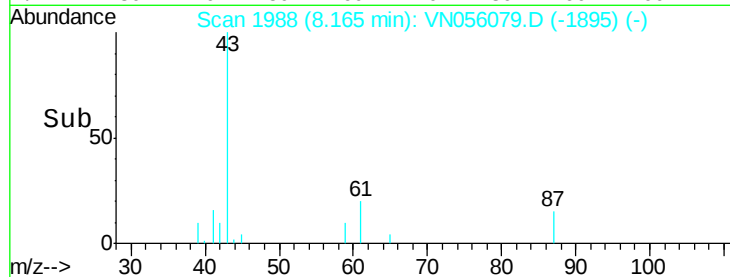
43 100

61 21.0 22.2 33.4#

87 12.3 11.4 17.2



Abundance Ion 43.00 (42.70 to 43.70): VN056079.D (-2493) (-)



#50

Toluene-d8

Concen: 50.962 ug/l

RT: 10.09 min Scan# 2586

Delta R.T. 0.00 min

Lab File: VN056079.D

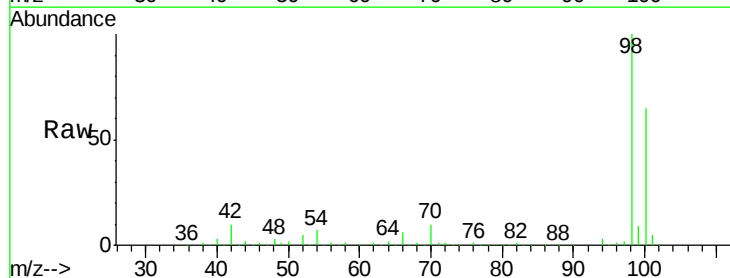
Acq: 7 Jun 2019 5:59

Tgt Ion: 98 Resp: 614461

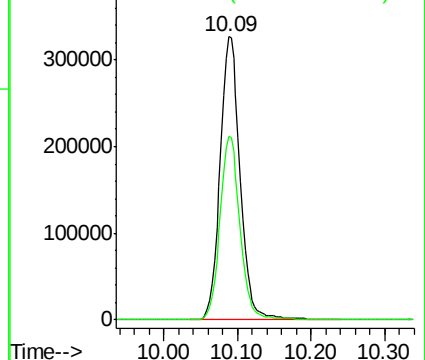
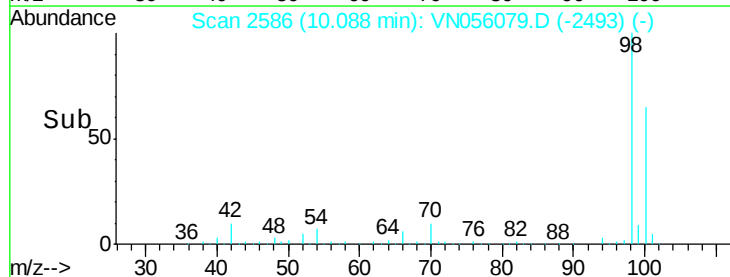
Ion Ratio Lower Upper

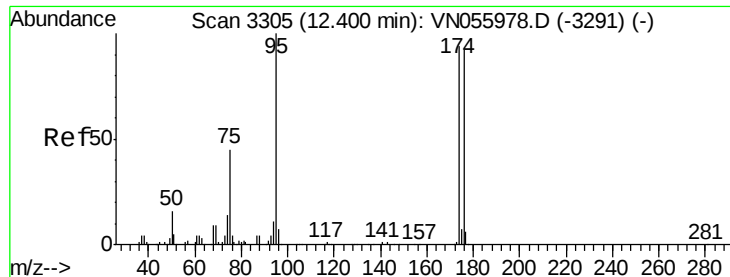
98 100

100 64.8 51.9 77.9



Abundance Ion 98.00 (97.70 to 98.70): VN056079.D (-2493) (-)





#62

4-Bromofluorobenzene

Concen: 49.011 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN056079.D

Acq: 7 Jun 2019 5:59

Instrument :

MSVOA_N

ClientSampleId :

HR-05-060519-A

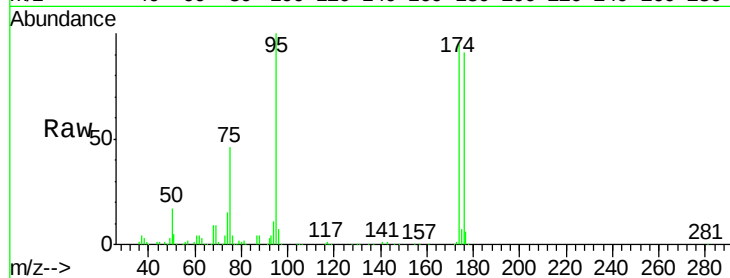
Tot Ion: 95 Resp: 200963

Ion Ratio Lower Upper

95 100

174 95.4 0.0 191.0

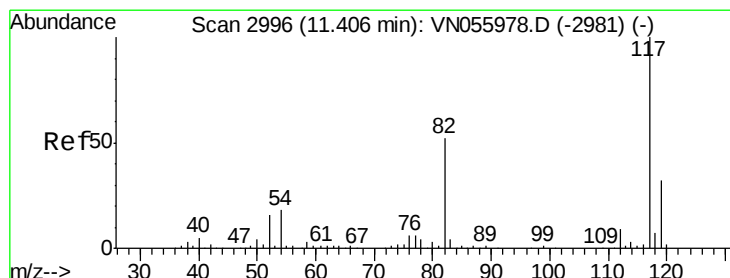
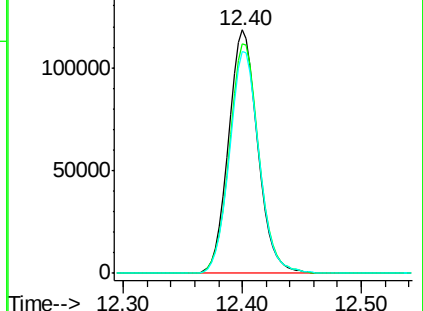
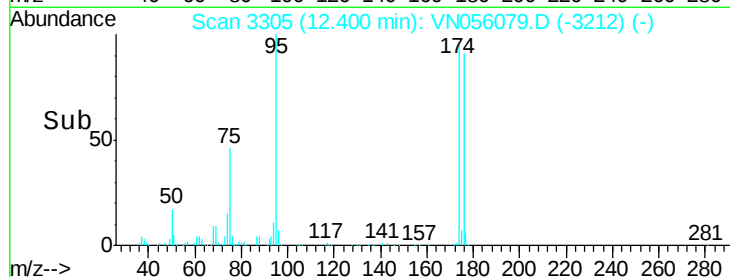
176 92.5 0.0 185.2



Abundance Ion 94.90 (94.60 to 95.60): VN056079.D (-3212) (-)

Ion 173.80 (173.50 to 174.50): VN056079.D (-3212) (-)

Ion 175.80 (175.50 to 176.50): VN056079.D (-3212) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN056079.D

Acq: 7 Jun 2019 5:59

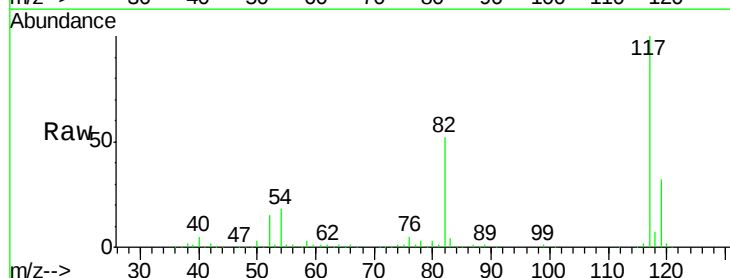
Tgt Ion: 117 Resp: 489979

Ion Ratio Lower Upper

117 100

82 51.5 41.8 62.8

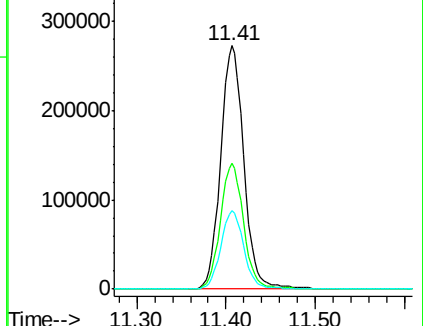
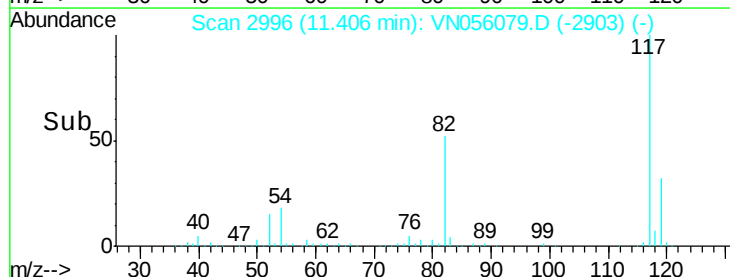
119 32.1 25.4 38.0

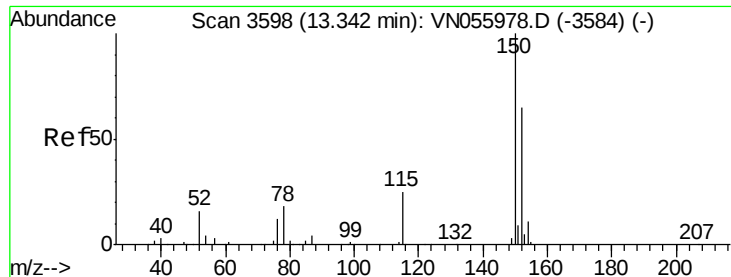


Abundance Ion 116.90 (116.60 to 117.60): VN056079.D (-2903) (-)

Ion 82.00 (81.70 to 82.70): VN056079.D (-2903) (-)

Ion 118.90 (118.60 to 119.60): VN056079.D (-2903) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. 0.00 min

Lab File: VN056079.D

Acq: 7 Jun 2019 5:59

Instrument :

MSVOA_N

ClientSampleId :

HR-05-060519-A

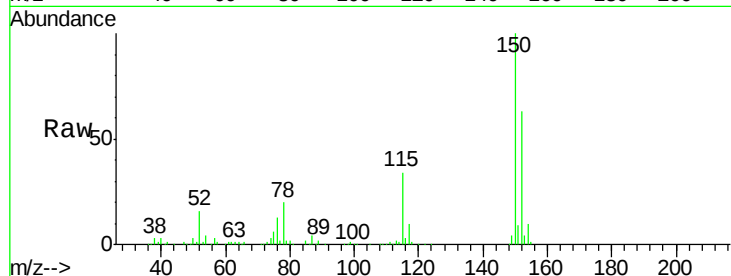
Tot Ion:152 Resp: 176592

Ion Ratio Lower Upper

152 100

115 55.4 27.0 81.0

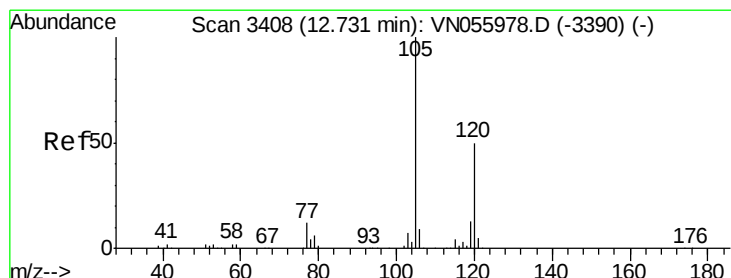
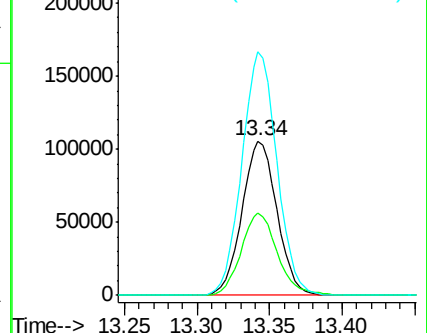
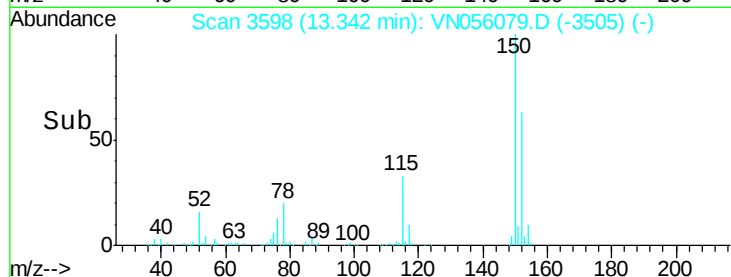
150 158.2 0.0 343.2



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



#80

1,3,5-Trimethylbenzene

Concen: 2.568 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. 0.00 min

Lab File: VN056079.D

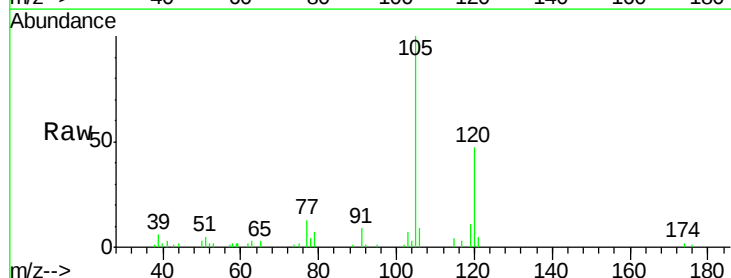
Acq: 7 Jun 2019 5:59

Tgt Ion:105 Resp: 30496

Ion Ratio Lower Upper

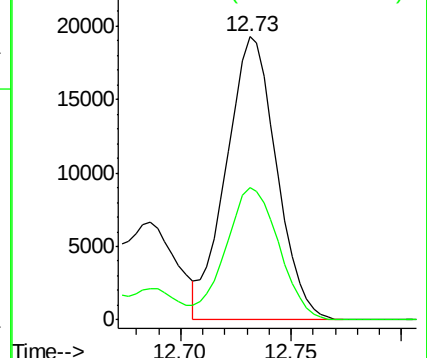
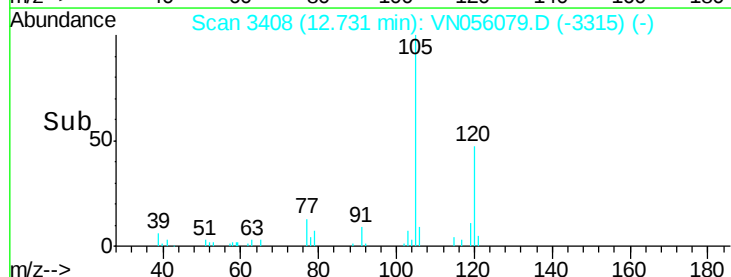
105 100

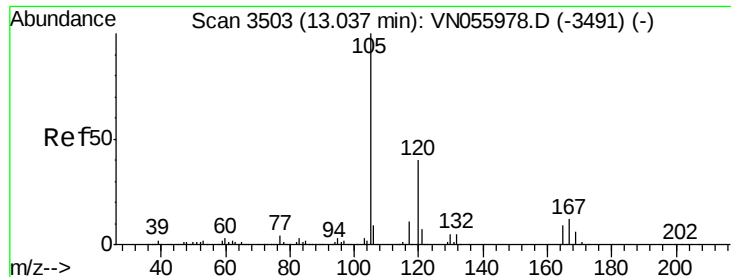
120 49.1 24.7 74.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

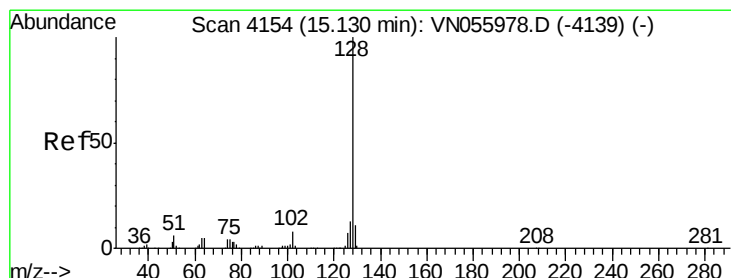
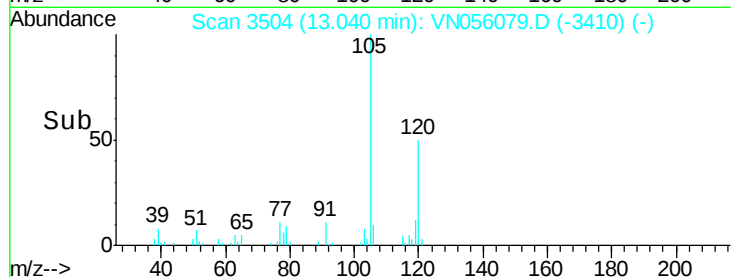
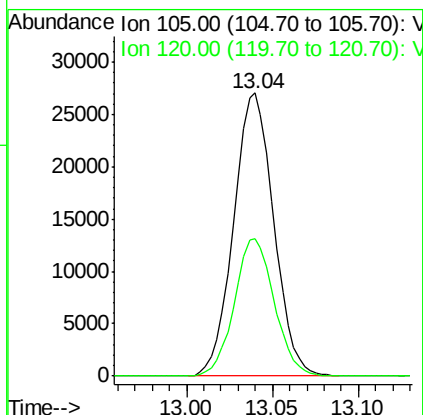
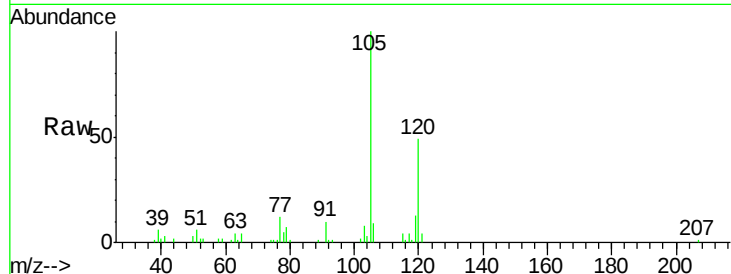




#84
 1,2,4-Trimethylbenzene
 Concen: 3.899 ug/l
 RT: 13.04 min Scan# 3504
 Delta R.T. 0.00 min
 Lab File: VN056079.D
 Acq: 7 Jun 2019 5:59

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

Tot Ion:105 Resp: 43902
 Ion Ratio Lower Upper
 105 100
 120 48.2 23.0 69.0



#95
 Naphthalene
 Concen: 4.770 ug/l
 RT: 15.13 min Scan# 4154
 Delta R.T. 0.00 min
 Lab File: VN056079.D
 Acq: 7 Jun 2019 5:59

Tgt Ion:128 Resp: 8405
 Ion Ratio Lower Upper
 128 100
 127 9.7 10.3 15.5#
 129 9.1 8.7 13.1

