

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN041819\
 Data File : VN055126.D
 Acq On : 18 Apr 2019 17:27
 Operator : JC/SP
 Sample : K2193-08
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 HR-05-041719-A

Quant Time: Apr 19 03:43:36 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N041519W.M
 Quant Title : SW846 8260
 QLast Update : Mon Apr 15 12:28:28 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	552214	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	865988	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	716274	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	234607	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.03	65	347690	47.37	ug/l	0.00
Spiked Amount						
			Recovery	=	94.74%	
35) Dibromofluoromethane	7.59	113	277563	47.96	ug/l	0.00
Spiked Amount						
			Recovery	=	95.92%	
50) Toluene-d8	10.09	98	1017639	49.13	ug/l	0.00
Spiked Amount						
			Recovery	=	98.26%	
62) 4-Bromofluorobenzene	12.40	95	299818	44.52	ug/l	0.00
Spiked Amount						
			Recovery	=	89.04%	

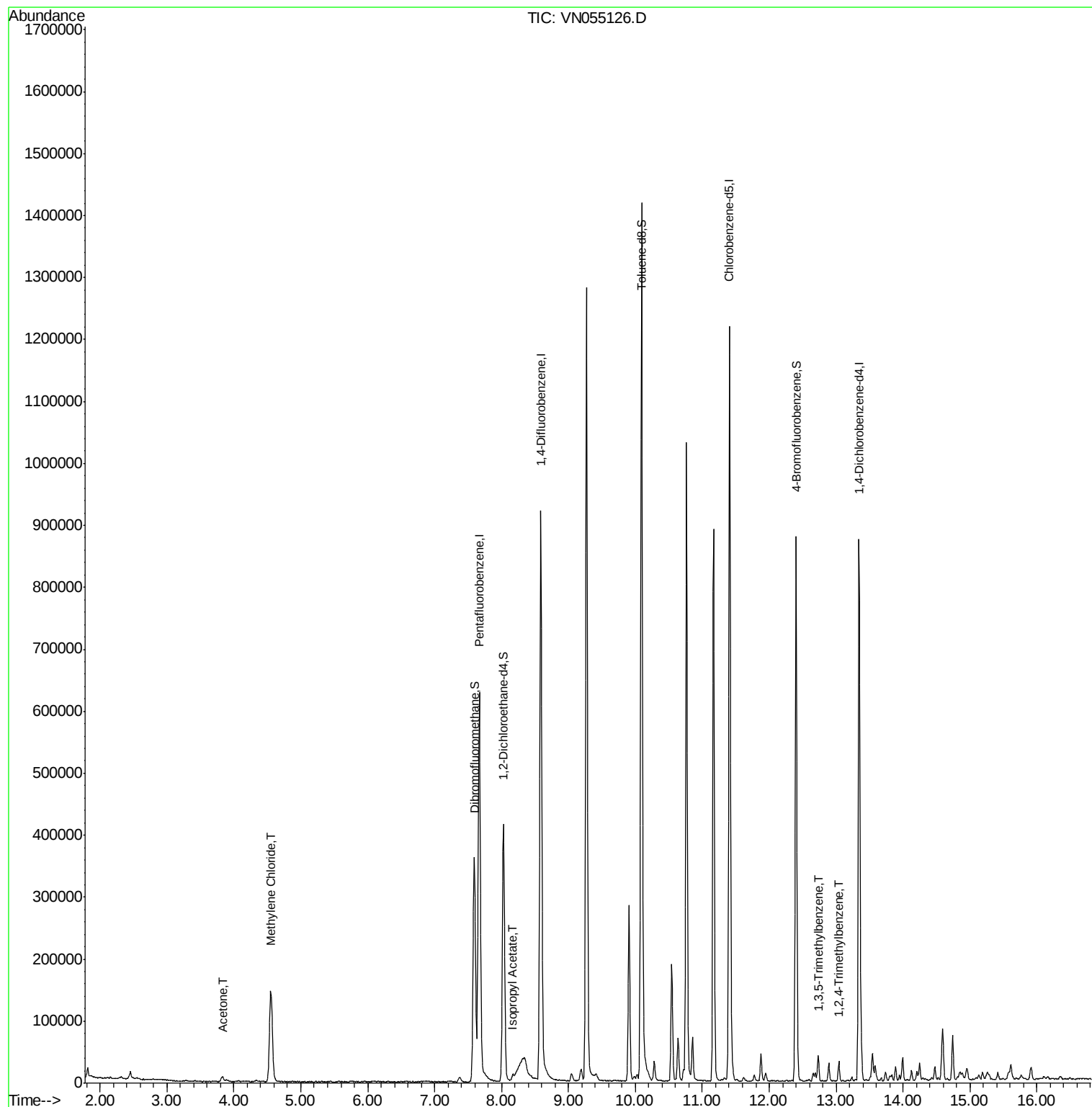
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.83	43	14618	7.337	ug/l	95
20) Methylene Chloride	4.55	84	105156	15.015	ug/l	99
43) Isopropyl Acetate	8.17	43	13490	1.317	ug/l	97
80) 1,3,5-Trimethylbenzene	12.73	105	21044	1.253	ug/l	96
84) 1,2,4-Trimethylbenzene	13.04	105	17556	1.103	ug/l	99

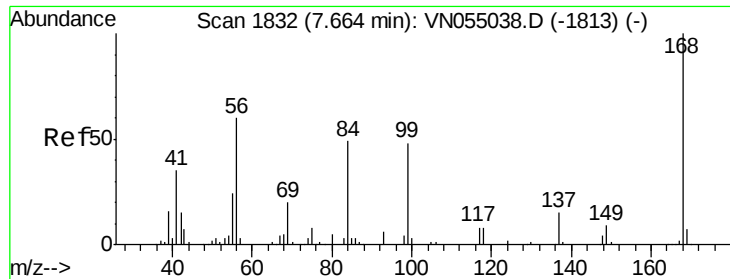
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN055126.D

Acq: 18 Apr 2019 17:27

Instrument :

MSVOA_N

ClientSampleId :

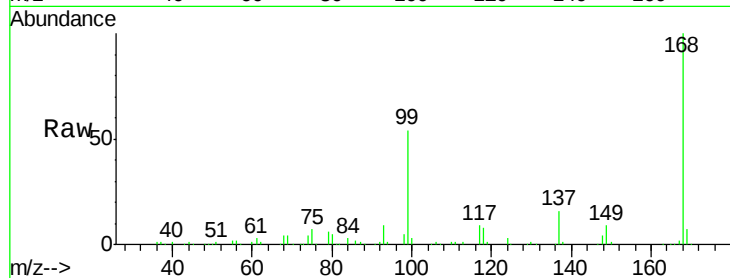
HR-05-041719-A

Tot Ion:168 Resp: 552214

Ion Ratio Lower Upper

168 100

99 54.0 41.9 62.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.67

250000

200000

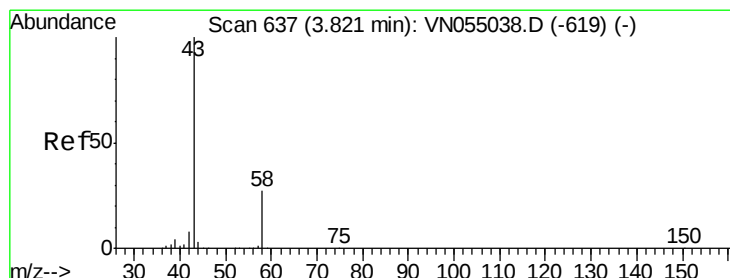
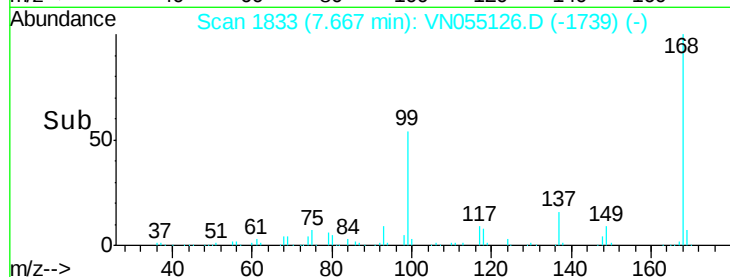
150000

100000

50000

0

Time--> 7.50 7.60 7.70 7.80



#16

Acetone

Concen: 7.337 ug/l

RT: 3.83 min Scan# 639

Delta R.T. 0.01 min

Lab File: VN055126.D

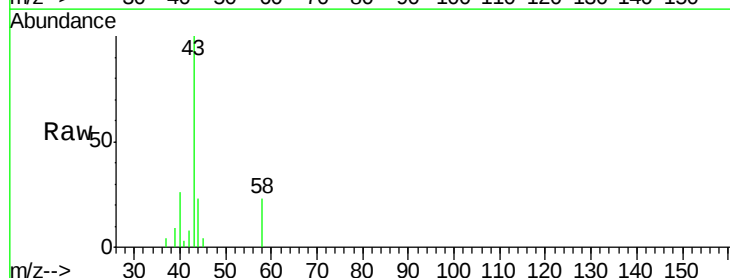
Acq: 18 Apr 2019 17:27

Tgt Ion: 43 Resp: 14618

Ion Ratio Lower Upper

43 100

58 23.4 20.9 31.3



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO

3.83

5000

4000

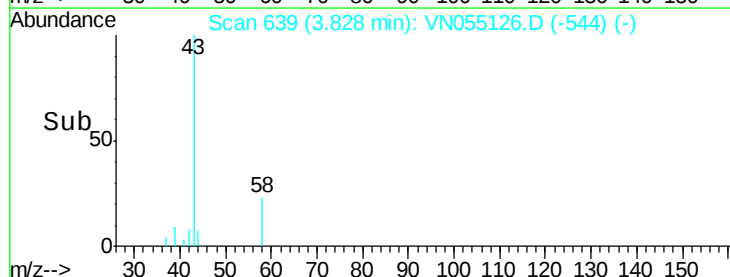
3000

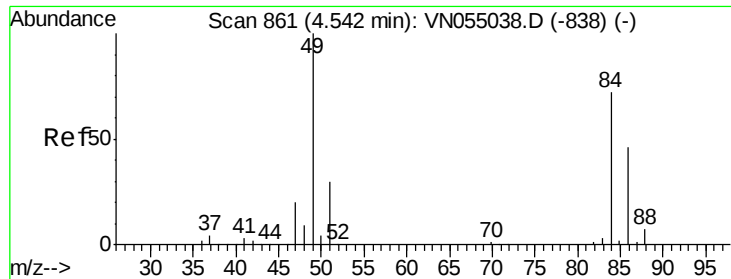
2000

1000

0

Time--> 3.75 3.80 3.85 3.90

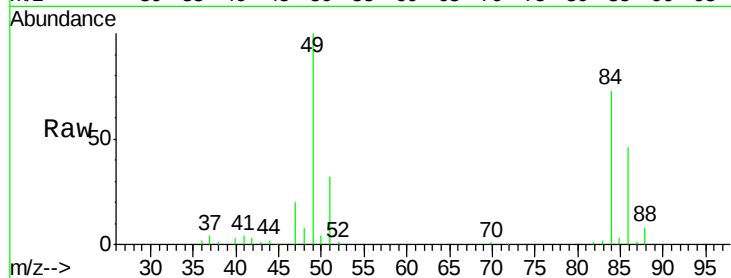




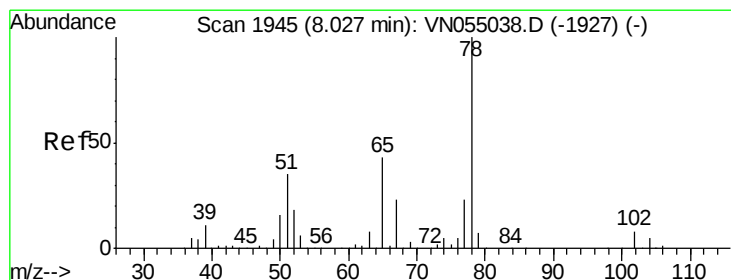
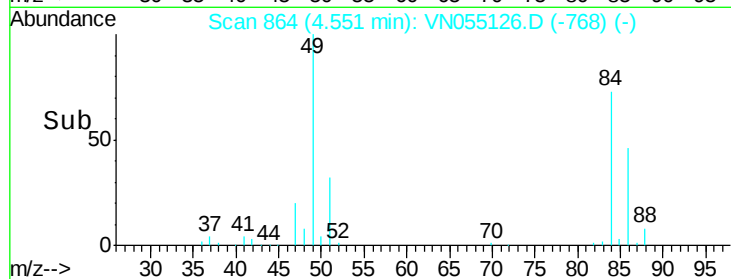
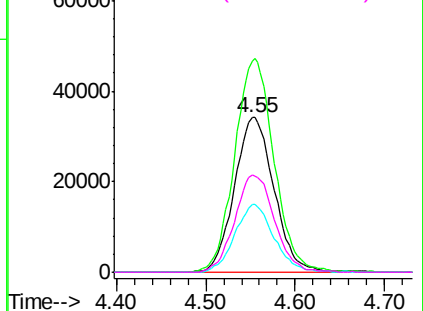
#20
Methvlene Chloride
Concen: 15.015 ug/l
RT: 4.55 min Scan# 864
Delta R.T. 0.01 min
Lab File: VN055126.D
Acq: 18 Apr 2019 17:27

Instrument :
MSVOA_N
ClientSampled :
HR-05-041719-A

Tot Ion:	84	Resp:	105156
Ion	Ratio	Lower	Upper
84	100		
49	136.4	109.4	164.2
51	43.6	32.2	48.4
86	62.5	49.3	73.9

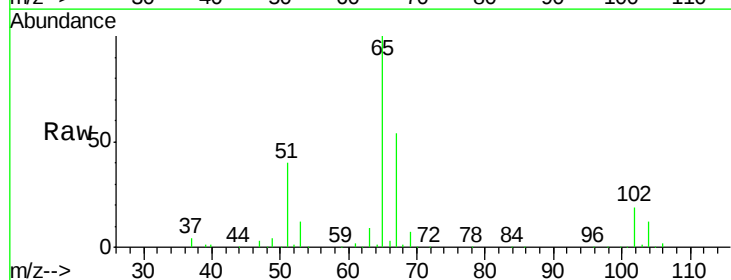


Abundance Ion 83.90 (83.60 to 84.60): VNC
Ion 48.90 (48.60 to 49.60): VNC
Ion 50.90 (50.60 to 51.60): VNC
Ion 85.90 (85.60 to 86.60): VNC

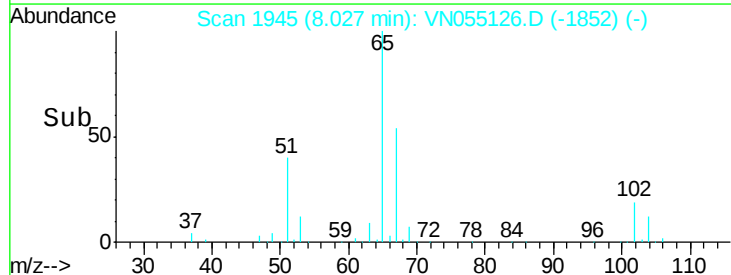
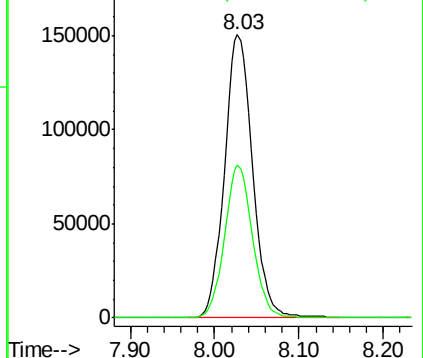


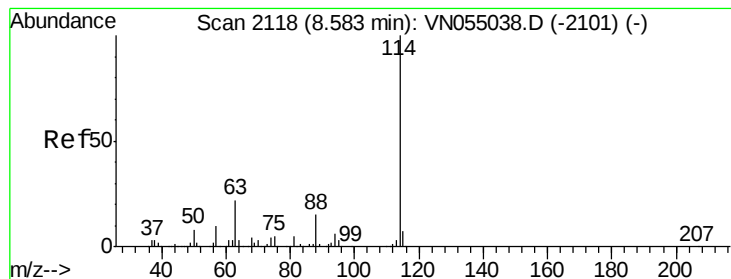
#33
1,2-Dichloroethane-d4
Concen: 47.367 ug/l
RT: 8.03 min Scan# 1945
Delta R.T. 0.00 min
Lab File: VN055126.D
Acq: 18 Apr 2019 17:27

Tgt Ion:	65	Resp:	347690
Ion	Ratio	Lower	Upper
65	100		
67	53.7	0.0	106.4



Abundance Ion 64.90 (64.60 to 65.60): VNC
Ion 66.90 (66.60 to 67.60): VNC





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.59 min Scan# 2119

Delta R.T. 0.00 min

Lab File: VN055126.D

Acq: 18 Apr 2019 17:27

Instrument :

MSVOA_N

ClientSampleId :

HR-05-041719-A

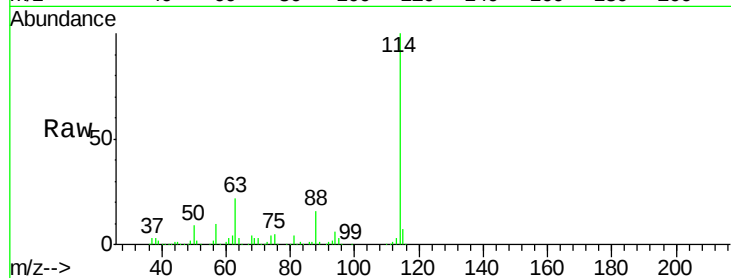
Tot Ion:114 Resp: 865988

Ion Ratio Lower Upper

114 100

63 22.1 0.0 45.2

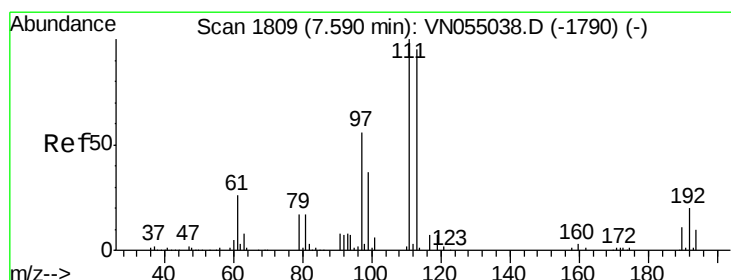
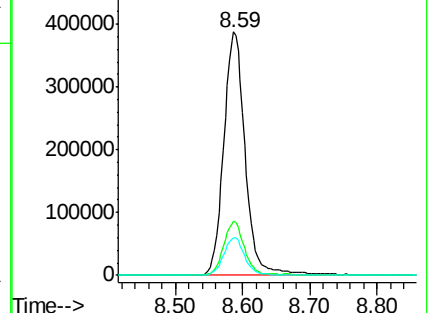
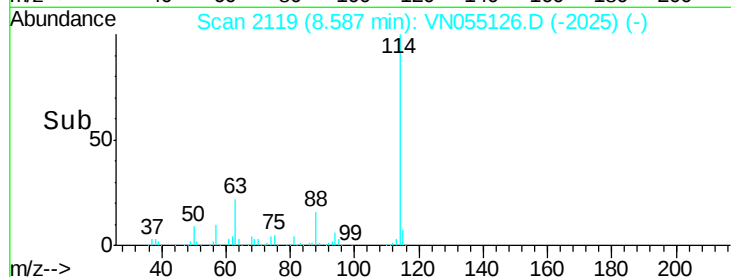
88 15.7 0.0 31.8



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: 47.959 ug/l

RT: 7.59 min Scan# 1809

Delta R.T. 0.00 min

Lab File: VN055126.D

Acq: 18 Apr 2019 17:27

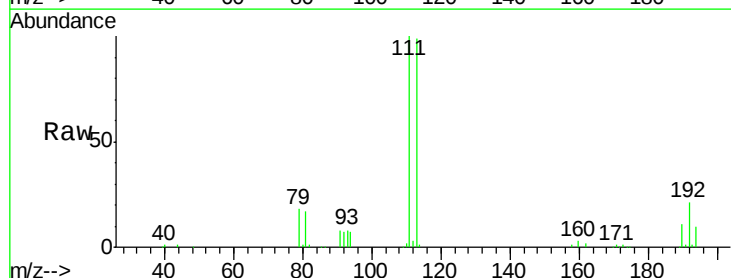
Tgt Ion:113 Resp: 277563

Ion Ratio Lower Upper

113 100

111 101.0 82.1 123.1

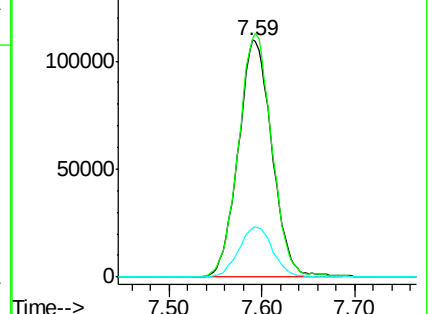
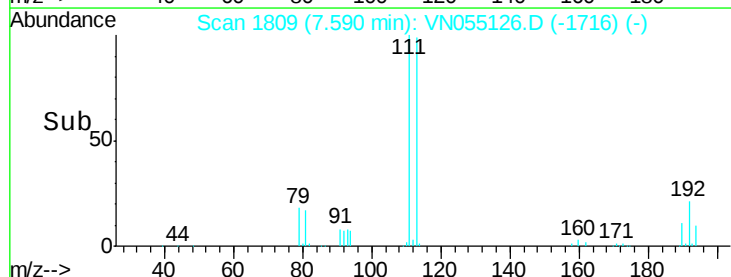
192 21.2 16.5 24.7

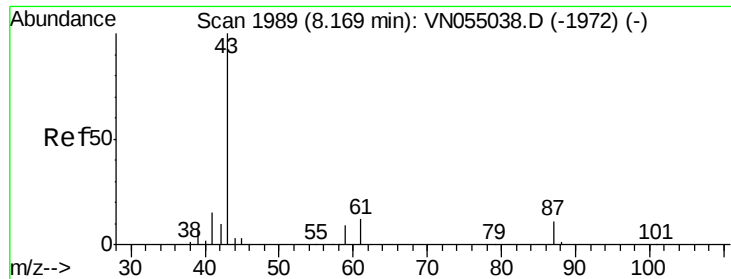


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 1.317 ug/l

RT: 8.17 min Scan# 1989

Delta R.T. 0.00 min

Lab File: VN055126.D

Acq: 18 Apr 2019 17:27

Instrument :

MSVOA_N

ClientSampleId :

HR-05-041719-A

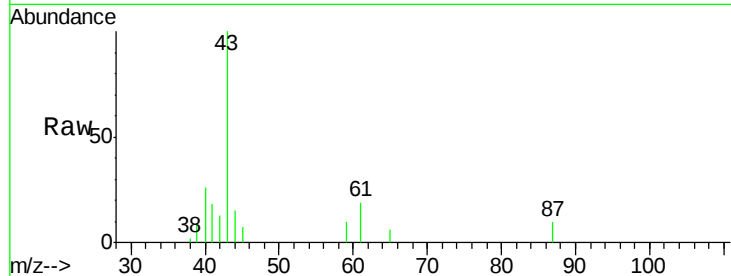
Tot Ion: 43 Resp: 13490

Ion Ratio Lower Upper

43 100

61 19.9 14.3 21.5

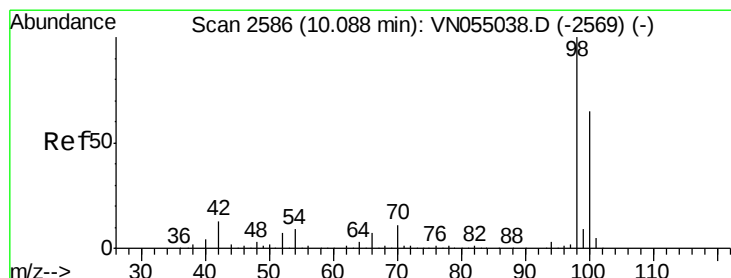
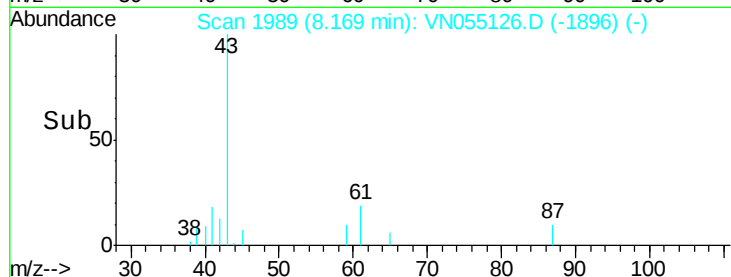
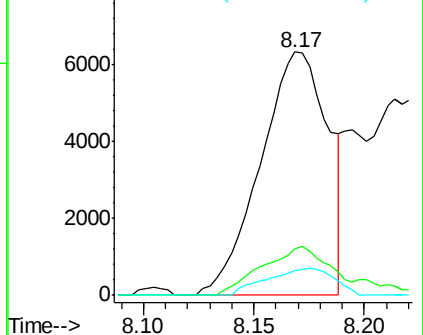
87 11.1 8.6 13.0



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: 49.129 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN055126.D

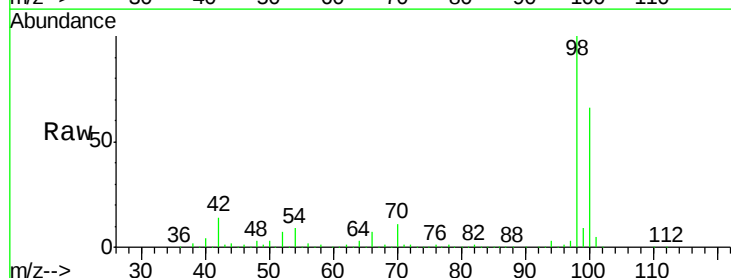
Acq: 18 Apr 2019 17:27

Tgt Ion: 98 Resp: 1017639

Ion Ratio Lower Upper

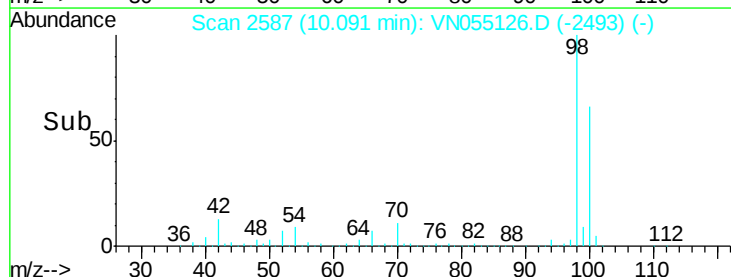
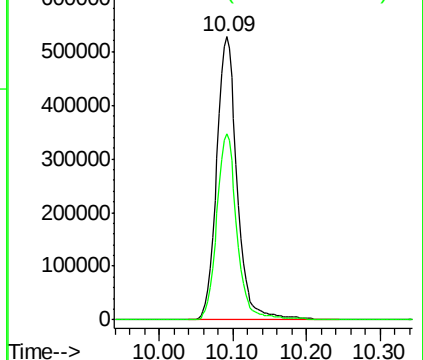
98 100

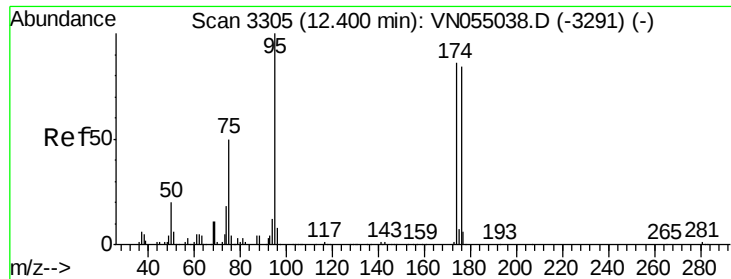
100 64.9 51.1 76.7



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0





#62

4-Bromofluorobenzene

Concen: 44.523 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN055126.D

Acq: 18 Apr 2019 17:27

Instrument :

MSVOA_N

ClientSampleId :

HR-05-041719-A

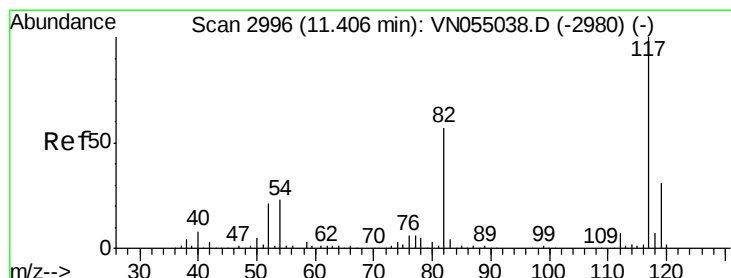
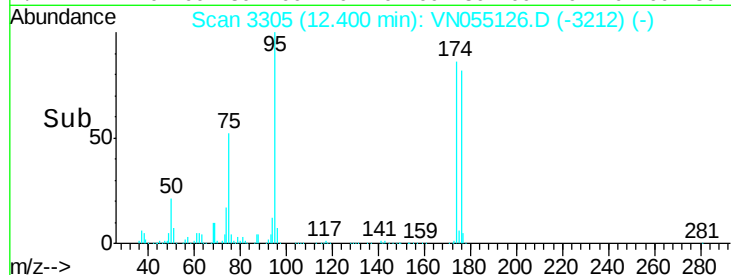
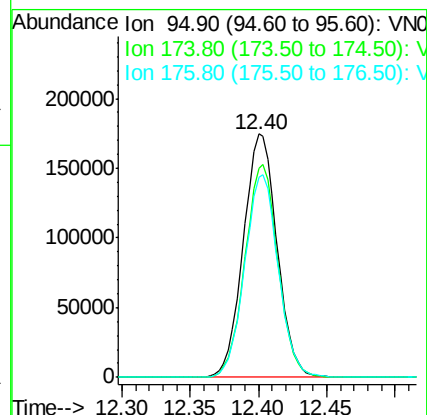
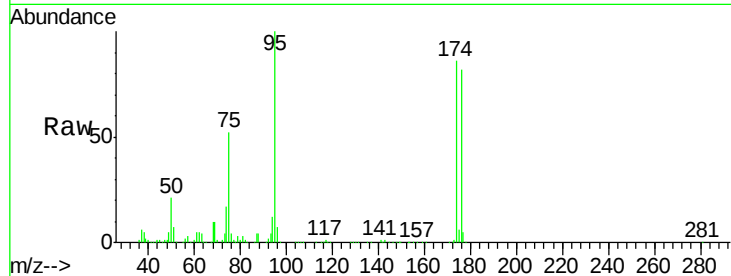
Tot Ion: 95 Resp: 299818

Ion Ratio Lower Upper

95 100

174 85.8 0.0 174.4

176 82.8 0.0 166.8



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN055126.D

Acq: 18 Apr 2019 17:27

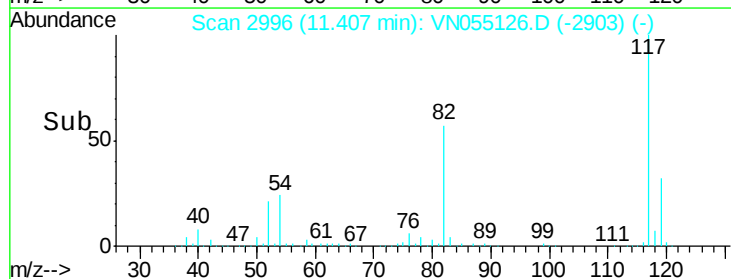
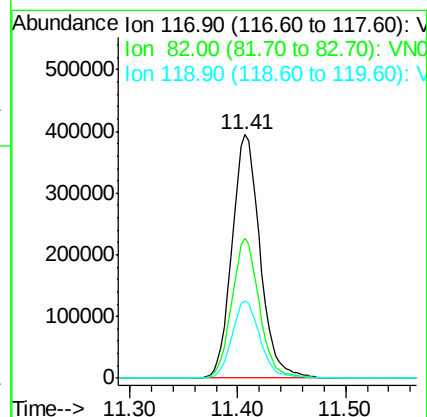
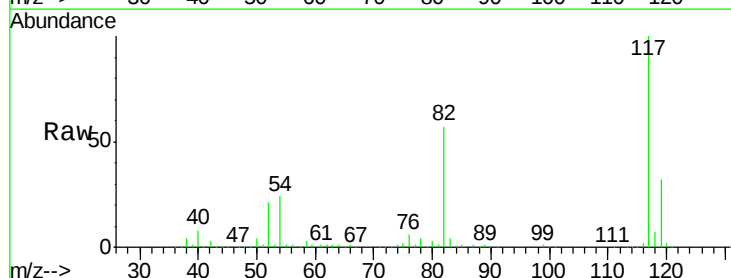
Tgt Ion: 117 Resp: 716274

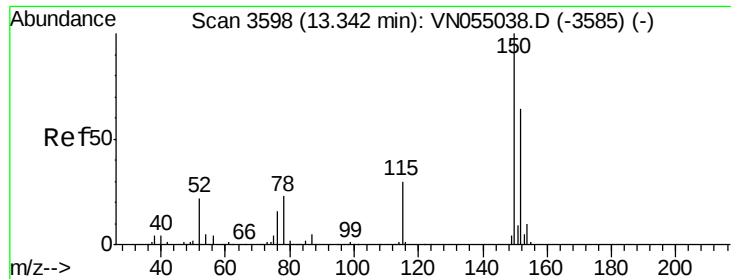
Ion Ratio Lower Upper

117 100

82 57.2 44.6 66.8

119 31.8 25.5 38.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. 0.00 min

Lab File: VN055126.D

Acq: 18 Apr 2019 17:27

Instrument :

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HR-05-041719-A

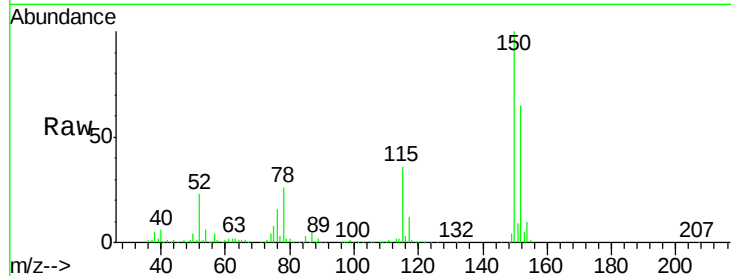
Tot Ion:152 Resp: 234607

Ion Ratio Lower Upper

152 100

115 57.3 28.5 85.6

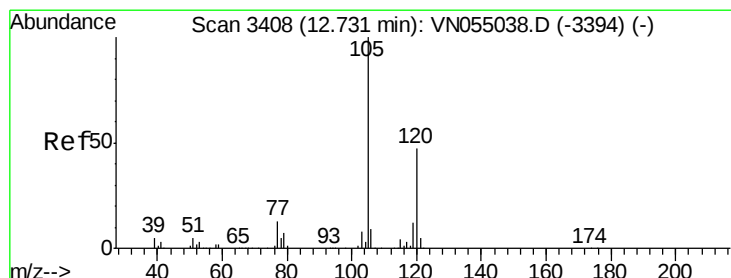
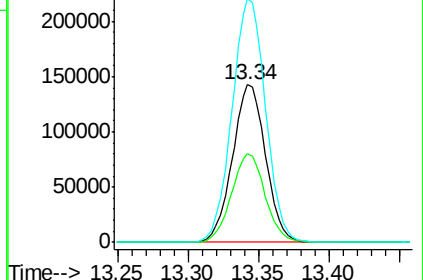
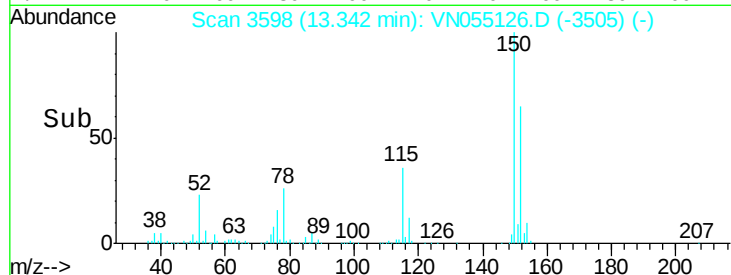
150 156.5 0.0 347.2



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: 1.253 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. 0.00 min

Lab File: VN055126.D

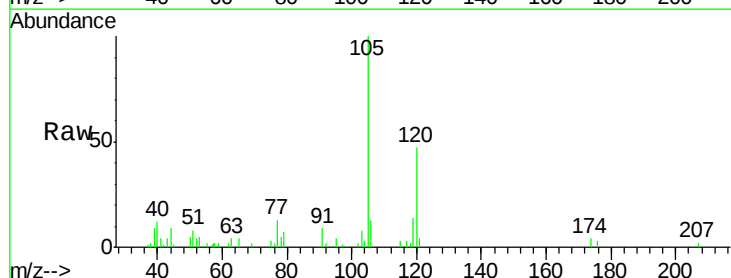
Acq: 18 Apr 2019 17:27

Tgt Ion:105 Resp: 21044

Ion Ratio Lower Upper

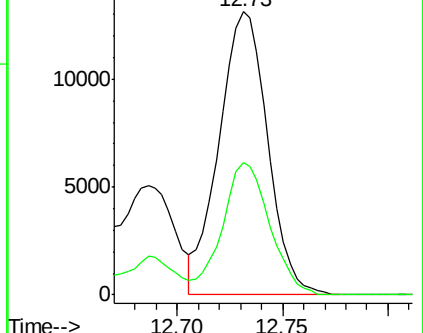
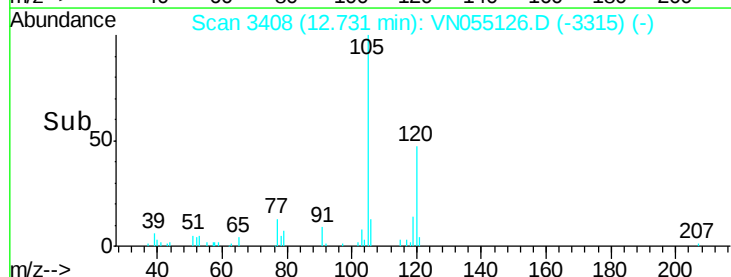
105 100

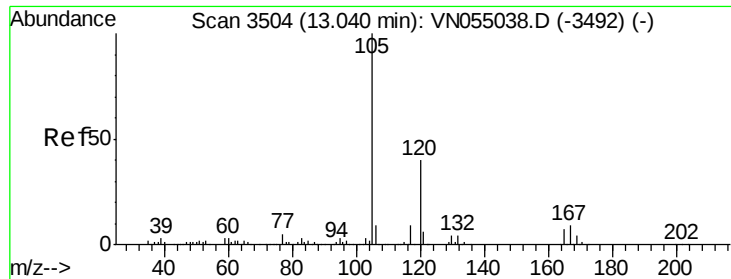
120 45.6 24.3 72.8



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: 1.103 ug/l
 RT: 13.04 min Scan# 3504
 Delta R.T. 0.00 min
 Lab File: VN055126.D
 Acq: 18 Apr 2019 17:27

Instrument :
 MSVOA_N
 ClientSampleId :
 HR-05-041719-A

Tot Ion:105 Resp: 17556
 Ion Ratio Lower Upper
 105 100
 120 44.3 22.4 67.3

