

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN041919\
 Data File : VN055163.D
 Acq On : 20 Apr 2019 1:54
 Operator : JC/SP
 Sample : K2203-14
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SU-02-041819-A

Quant Time: Apr 20 05:35:20 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

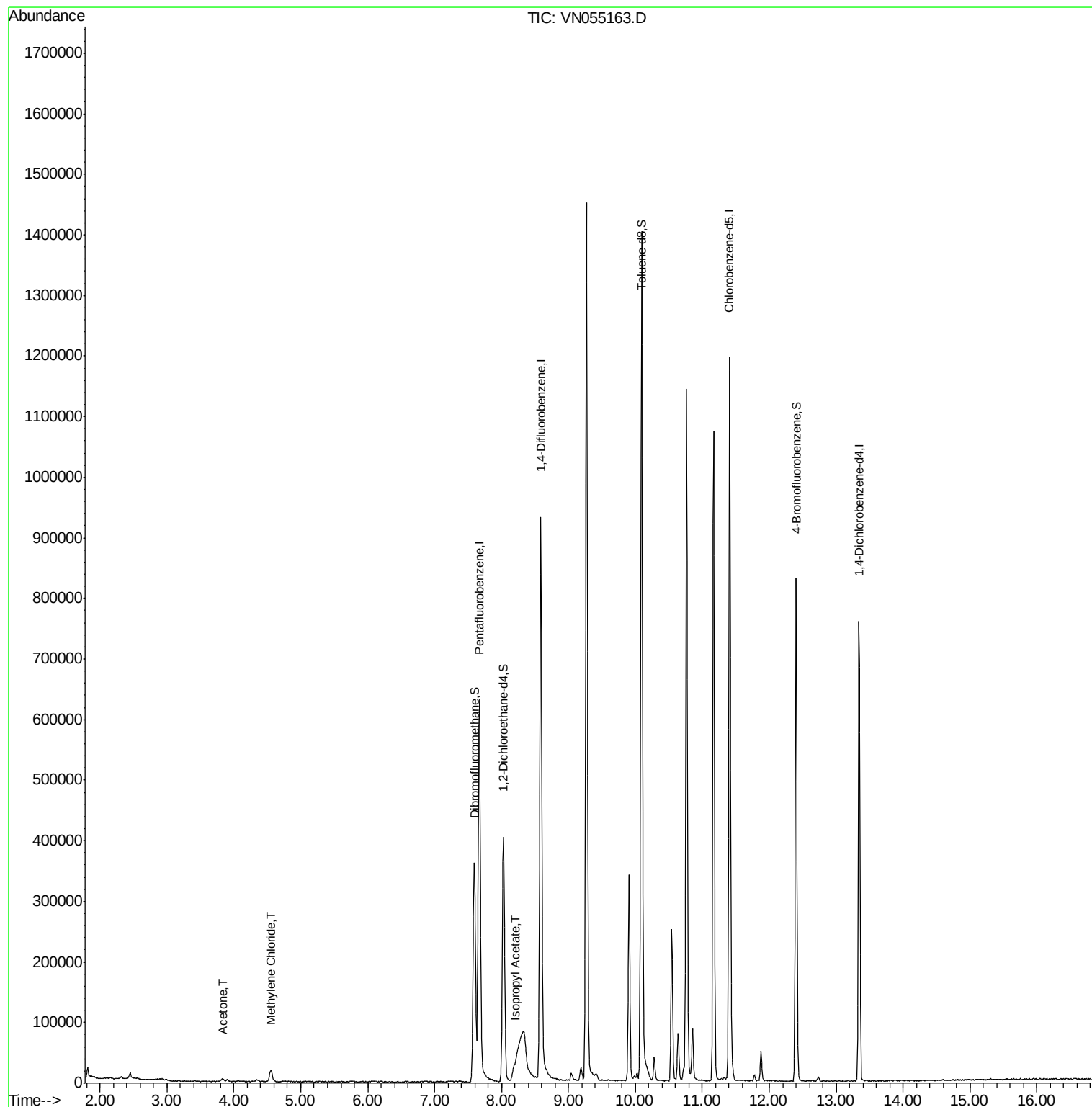
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	544687	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	862152	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	697518	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	203569	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	344414	47.57	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.14%	
35) Dibromofluoromethane	7.59	113	277528	48.17	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.34%	
50) Toluene-d8	10.09	98	1024148	49.66	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.32%	
62) 4-Bromofluorobenzene	12.40	95	284520	42.44	ug/l	0.00
Spiked Amount 50.000			Recovery	=	84.88%	
Target Compounds						
16) Acetone	3.83	43	8807	4.482	ug/l #	89
20) Methylene Chloride	4.55	84	12376	1.792	ug/l	94
43) Isopropyl Acetate	8.19	43	27327	2.680	ug/l #	64

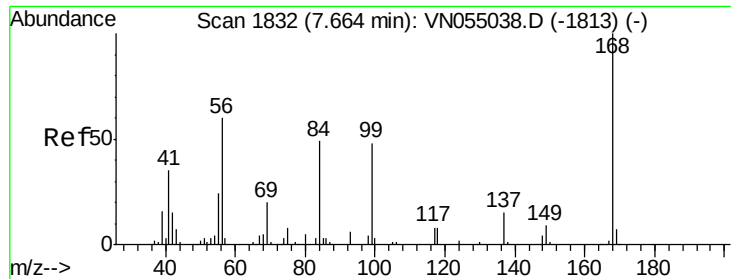
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN041919\
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN055163.D

Acq: 20 Apr 2019 1:54

Instrument :

MSVOA_N

ClientSampleId :

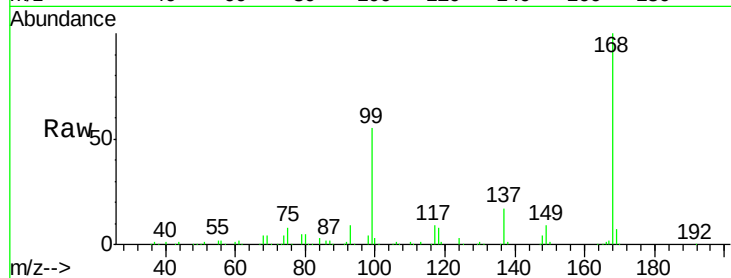
SU-02-041819-A

Tot Ion:168 Resp: 544687

Ion Ratio Lower Upper

168 100

99 54.6 41.9 62.9



Abundance Ion 167.90 (167.60 to 168.60): VN0

Ion 98.90 (98.60 to 99.60): VN0

7.67

250000

200000

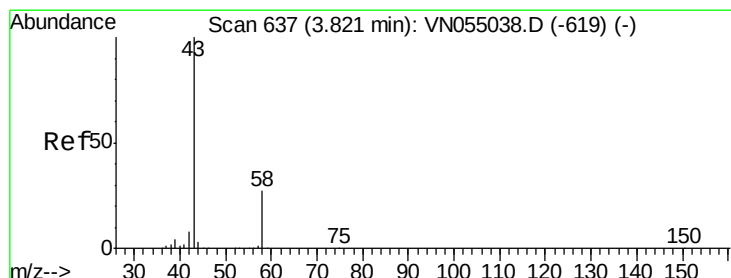
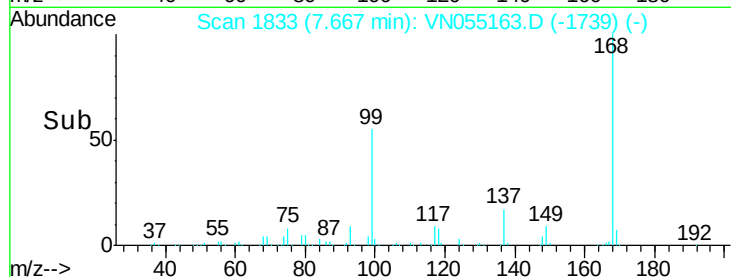
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 4.482 ug/l

RT: 3.83 min Scan# 641

Delta R.T. 0.01 min

Lab File: VN055163.D

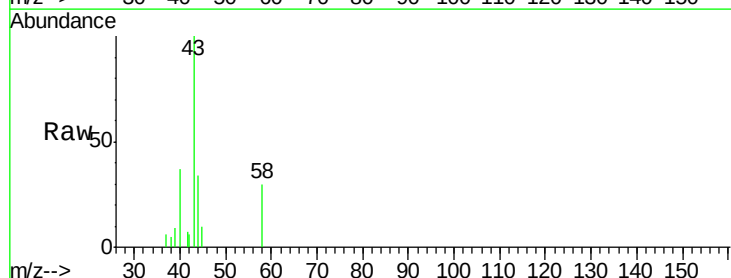
Acq: 20 Apr 2019 1:54

Tgt Ion: 43 Resp: 8807

Ion Ratio Lower Upper

43 100

58 31.8 20.9 31.3#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

3.83

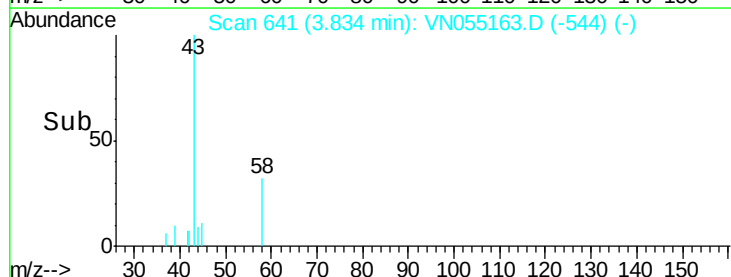
3000

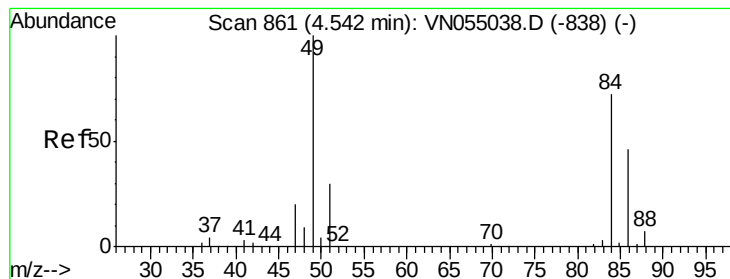
2000

1000

0

Time-->





#20

Methylene Chloride

Concen: 1.792 ug/l

RT: 4.55 min Scan# 865

Delta R.T. 0.01 min

Lab File: VN055163.D

Acq: 20 Apr 2019 1:54

Instrument :

MSVOA_N

ClientSampleId :

SU-02-041819-A

Tot Ion: 84 Resp: 12376

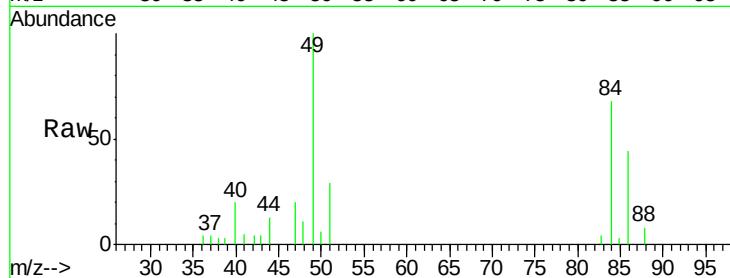
Ion Ratio Lower Upper

84 100

49 146.9 109.4 164.2

51 42.0 32.2 48.4

86 64.5 49.3 73.9

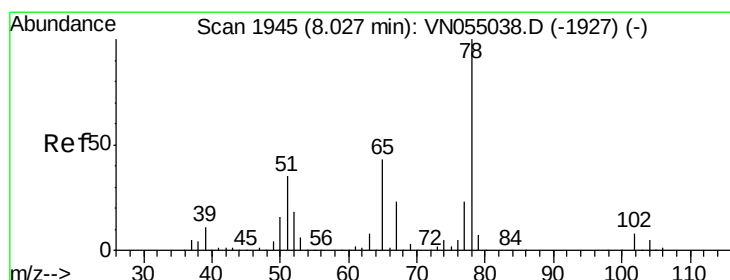
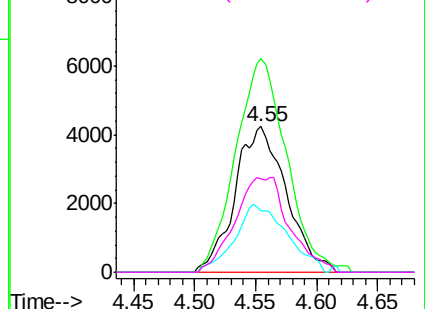
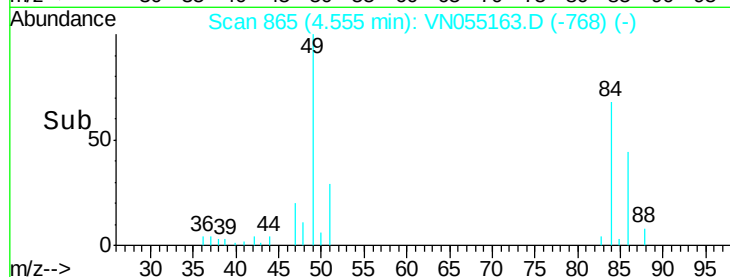


Abundance Ion 83.90 (83.60 to 84.60): VN0

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: 47.569 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. 0.00 min

Lab File: VN055163.D

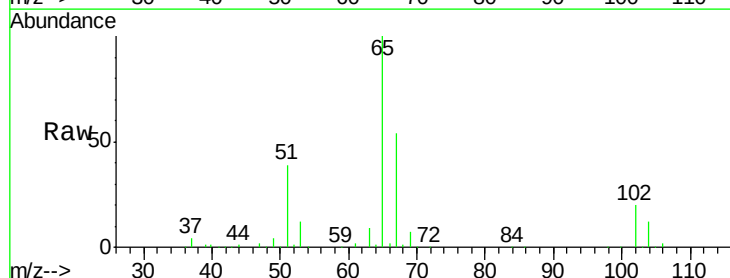
Acq: 20 Apr 2019 1:54

Tgt Ion: 65 Resp: 344414

Ion Ratio Lower Upper

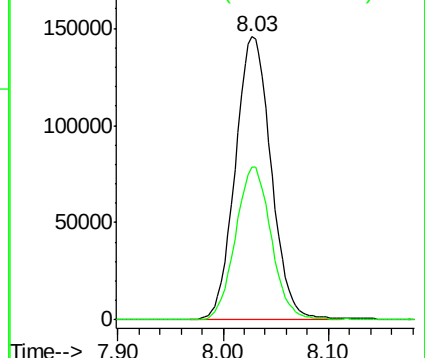
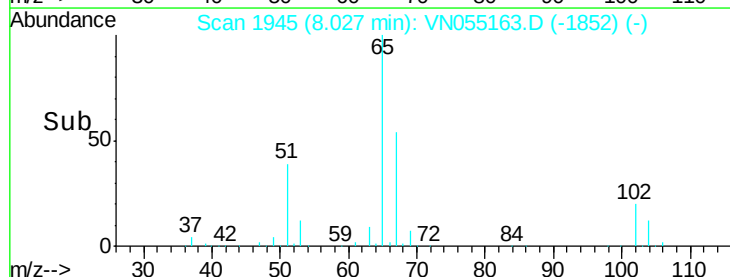
65 100

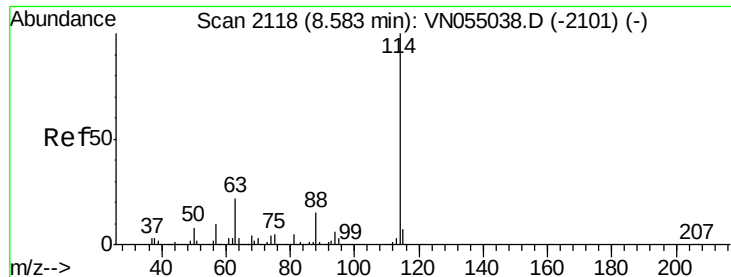
67 53.8 0.0 106.4



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: 8.59 min Scan# 2119

Delta R.T. 0.00 min

Lab File: VN055163.D

Acq: 20 Apr 2019 1:54

Instrument :

MSVOA_N

ClientSampleId :

SU-02-041819-A

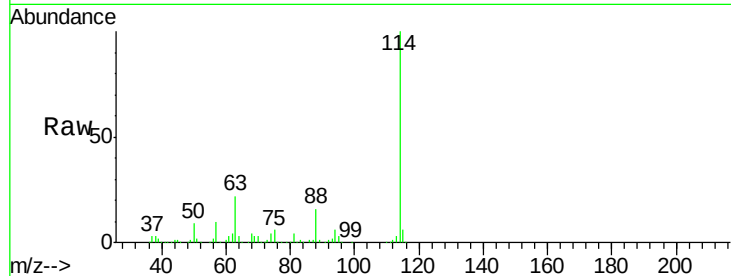
Tot Ion:114 Resp: 862152

Ion Ratio Lower Upper

114 100

63 22.3 0.0 45.2

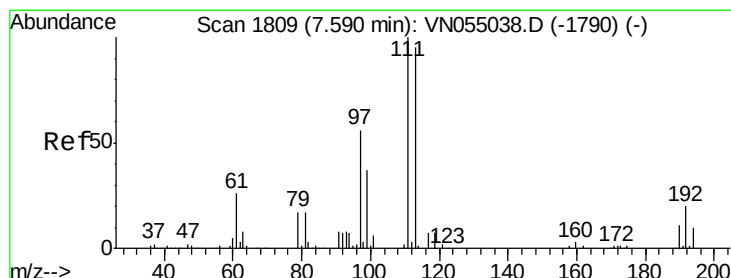
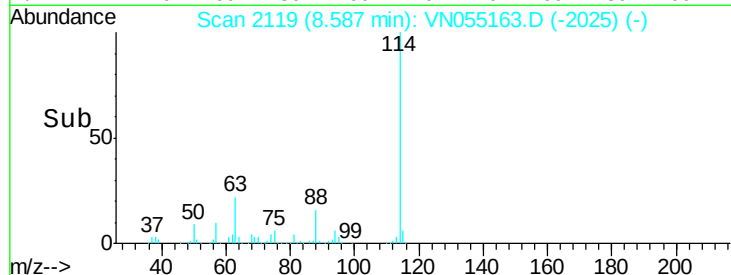
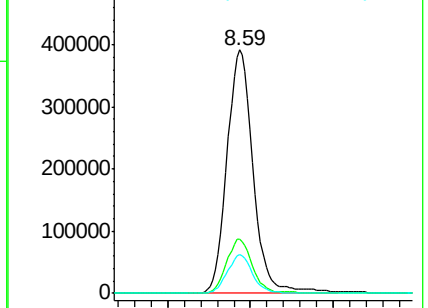
88 15.9 0.0 31.8



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: 48.167 ug/l

RT: 7.59 min Scan# 1810

Delta R.T. 0.00 min

Lab File: VN055163.D

Acq: 20 Apr 2019 1:54

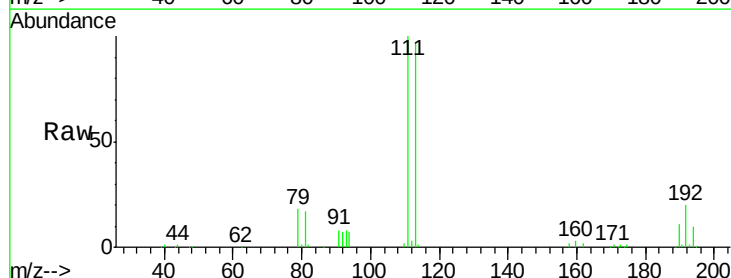
Tgt Ion:113 Resp: 277528

Ion Ratio Lower Upper

113 100

111 103.2 82.1 123.1

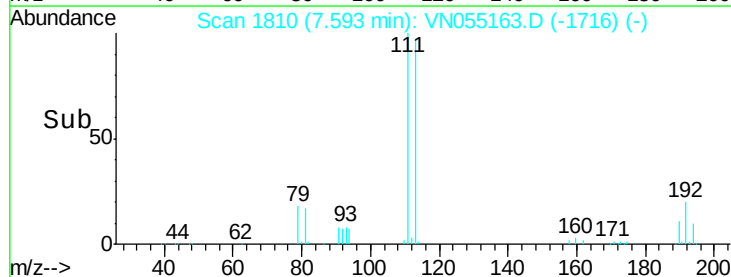
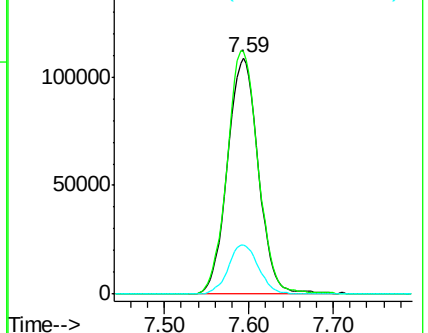
192 20.5 16.5 24.7

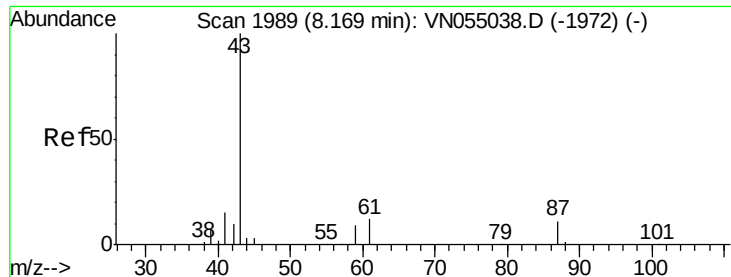


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 2.680 ug/l

RT: 8.19 min Scan# 1995

Delta R.T. 0.02 min

Lab File: VN055163.D

Acq: 20 Apr 2019 1:54

Instrument :

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ClientSampleId :

SU-02-041819-A

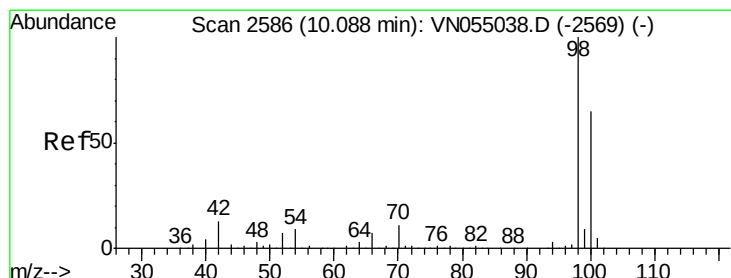
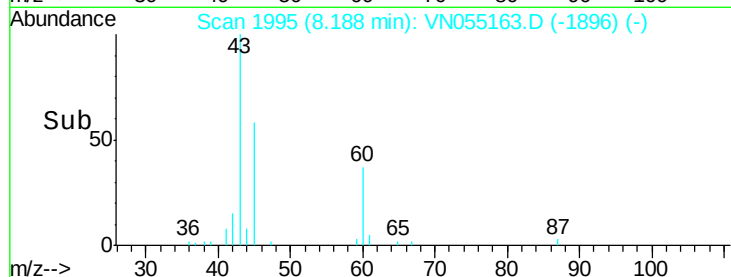
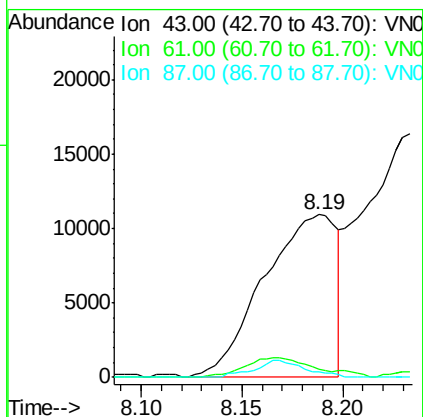
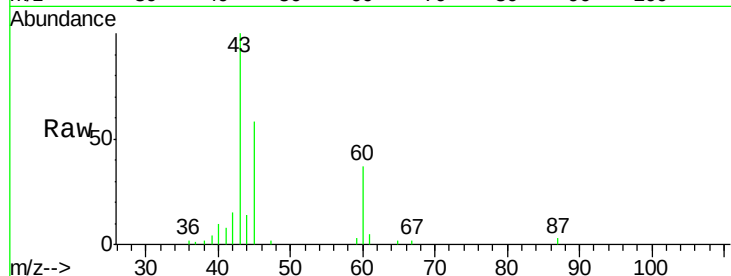
Tot Ion: 43 Resp: 27327

Ion Ratio Lower Upper

43 100

61 0.0 14.3 21.5#

87 0.0 8.6 13.0#



#50

Toluene-d8

Concen: 49.663 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN055163.D

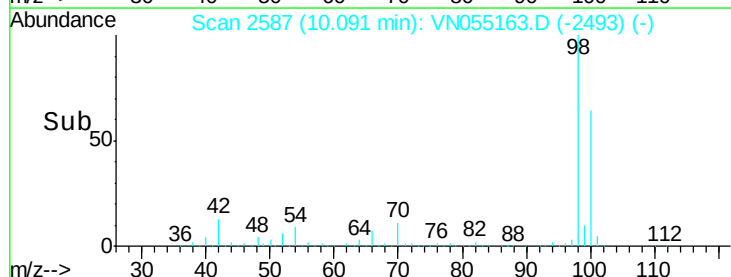
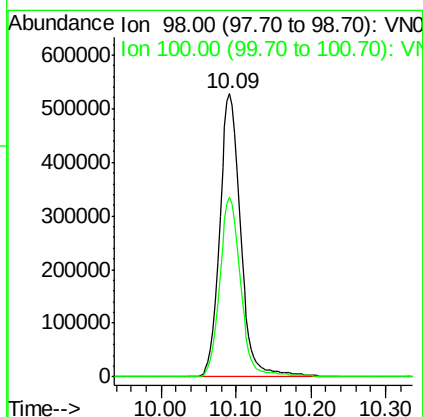
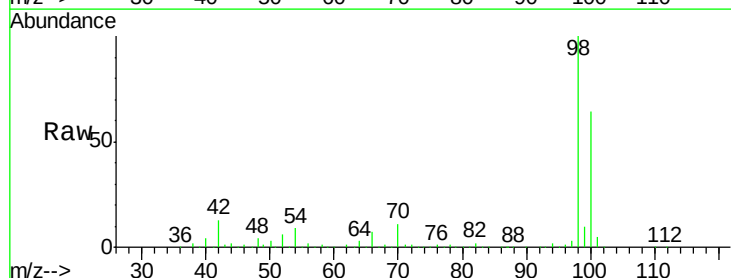
Acq: 20 Apr 2019 1:54

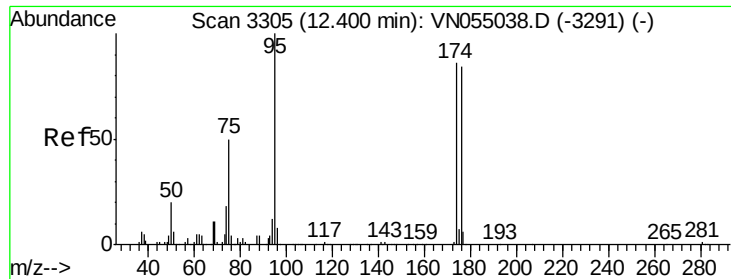
Tgt Ion: 98 Resp: 1024148

Ion Ratio Lower Upper

98 100

100 63.6 51.1 76.7





#62

4-Bromofluorobenzene

Concen: 42.439 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN055163.D

Acq: 20 Apr 2019 1:54

Instrument :

MSVOA_N

ClientSampleId :

SU-02-041819-A

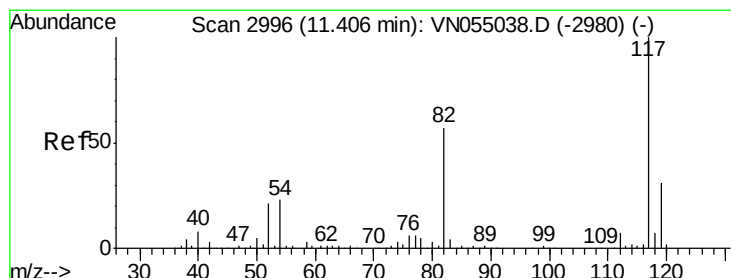
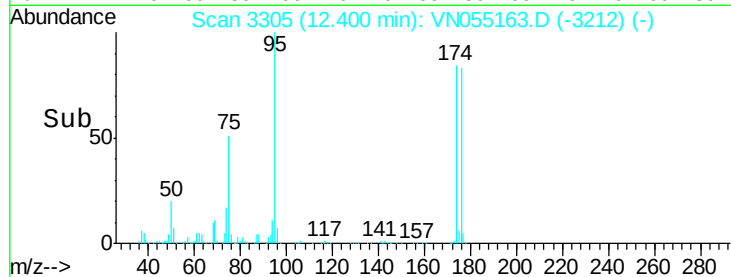
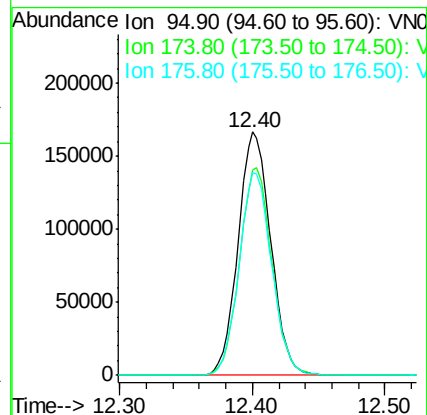
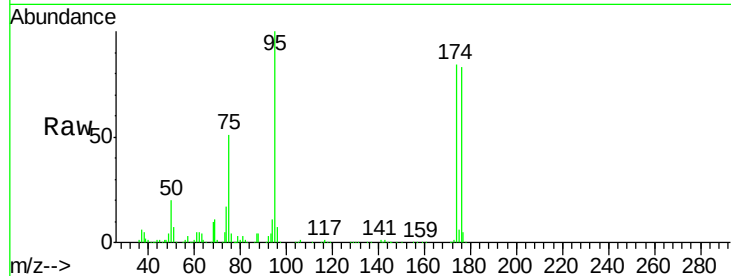
Tot Ion: 95 Resp: 284520

Ion Ratio Lower Upper

95 100

174 84.7 0.0 174.4

176 83.1 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: VN055163.D

Acq: 20 Apr 2019 1:54

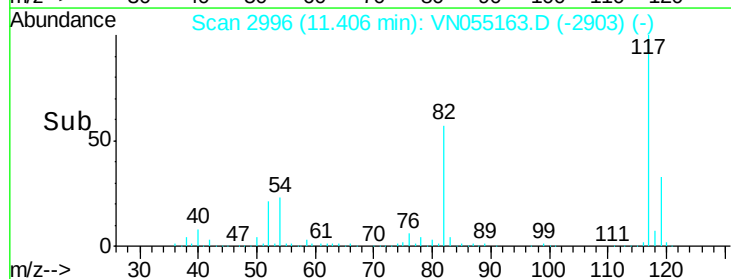
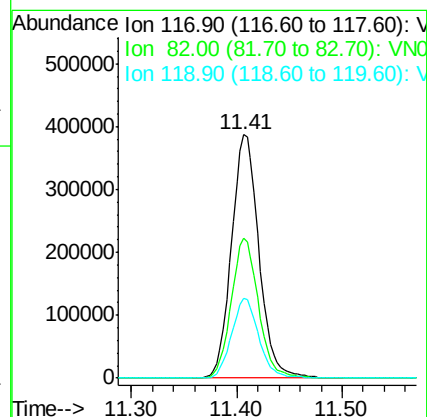
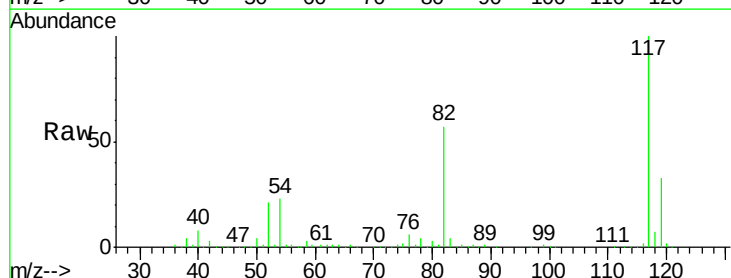
Tgt Ion: 117 Resp: 697518

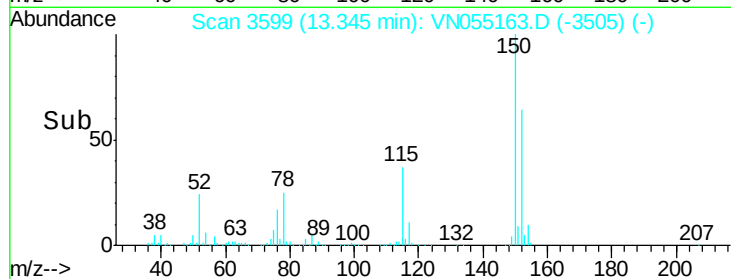
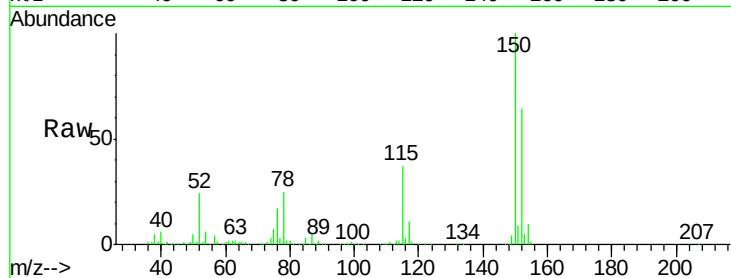
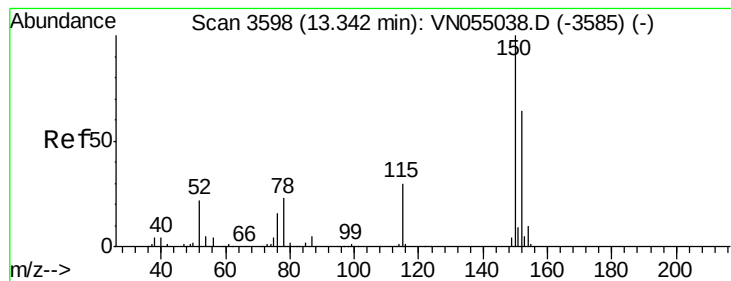
Ion Ratio Lower Upper

117 100

82 57.2 44.6 66.8

119 32.6 25.5 38.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. 0.00 min

Lab File: VN055163.D

Acq: 20 Apr 2019 1:54

Instrument :

MSVOA_N

ClientSampleId :

SU-02-041819-A

Tot Ion:152 Resp: 203569

Ion Ratio Lower Upper

152 100

115 57.6 28.5 85.6

150 158.4 0.0 347.2

