

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN041919\
 Data File : VN055152.D
 Acq On : 19 Apr 2019 21:12
 Operator : JC/SP
 Sample : K2201-04
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PL-01-041819-B

Quant Time: Apr 20 05:00:59 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

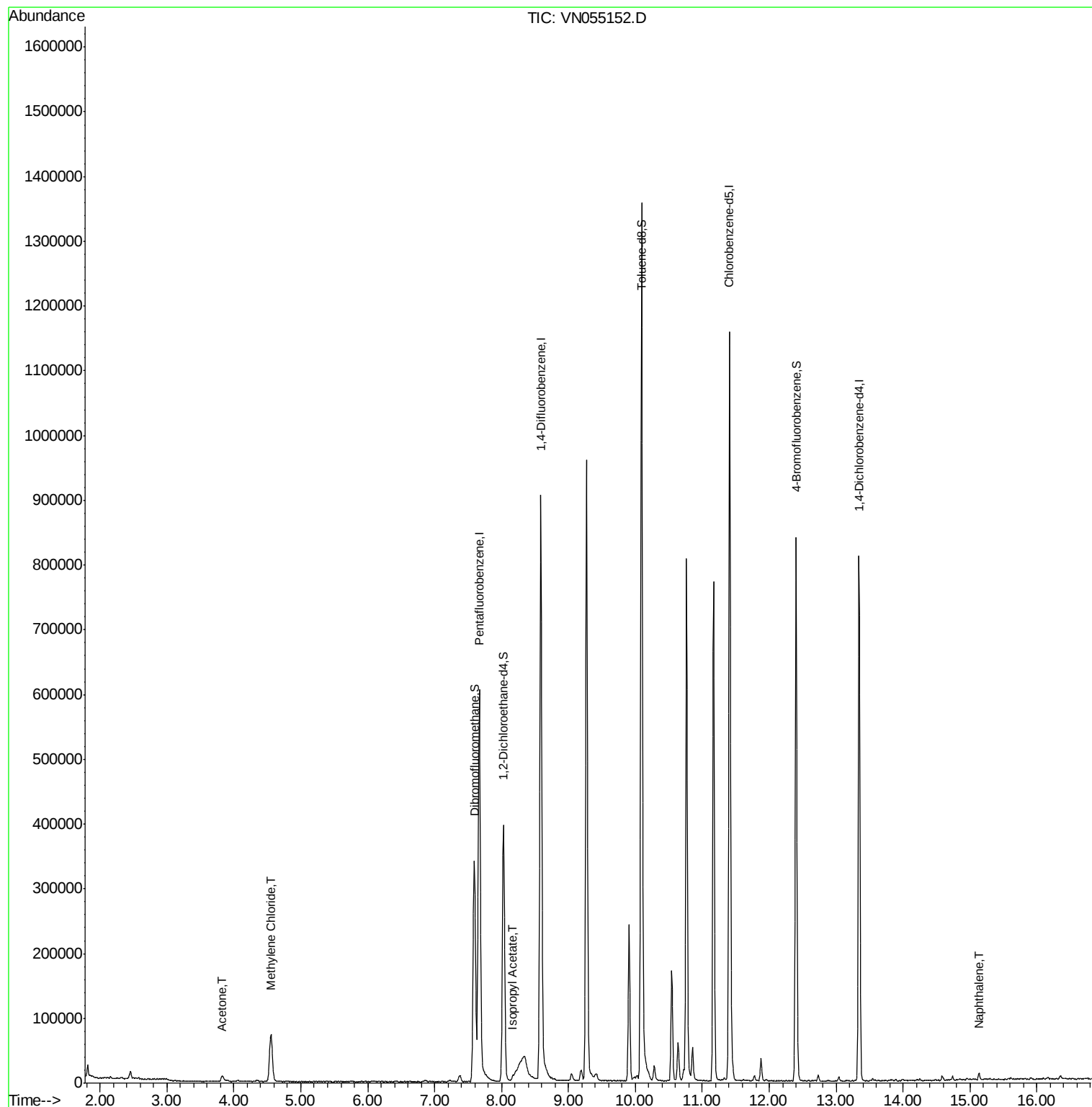
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	528762	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	831301	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	686867	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	216457	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	336238	47.84	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.68%	
35) Dibromofluoromethane	7.59	113	265175	47.73	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.46%	
50) Toluene-d8	10.09	98	984165	49.50	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.00%	
62) 4-Bromofluorobenzene	12.40	95	290231	44.90	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.80%	
Target Compounds						
16) Acetone	3.82	43	14563	7.634	ug/l #	84
20) Methylene Chloride	4.55	84	51300	7.650	ug/l	97
43) Isopropyl Acetate	8.17	43	11211	1.140	ug/l	96
95) Naphthalene	15.14	128	8884	4.153	ug/l	99

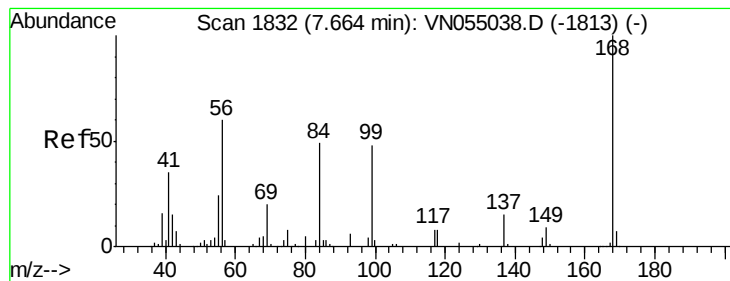
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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: VN055152.D

Acq: 19 Apr 2019 21:12

Instrument :

MSVOA_N

ClientSampleId :

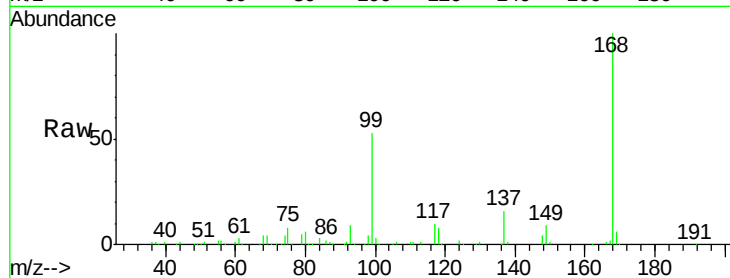
PL-01-041819-B

Tot Ion:168 Resp: 528762

Ion Ratio Lower Upper

168 100

99 53.2 41.9 62.9



Abundance Ion 167.90 (167.60 to 168.60): VN055152.D (-1739) (-)

Ion 98.90 (98.60 to 99.60): VN055152.D (-1739) (-)

7.67

250000

200000

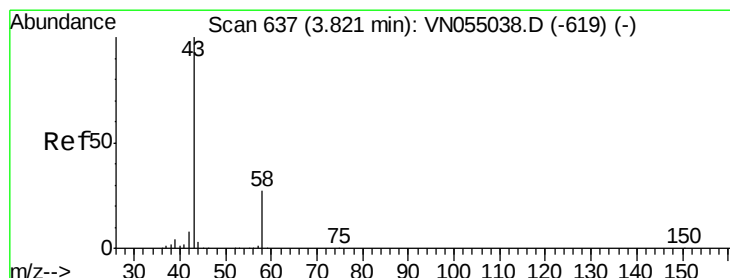
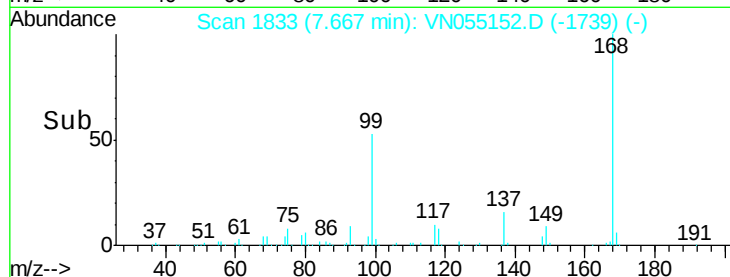
150000

100000

50000

0

Time--> 7.50 7.60 7.70 7.80 7.90



#16

Acetone

Concen: 7.634 ug/l

RT: 3.82 min Scan# 638

Delta R.T. 0.00 min

Lab File: VN055152.D

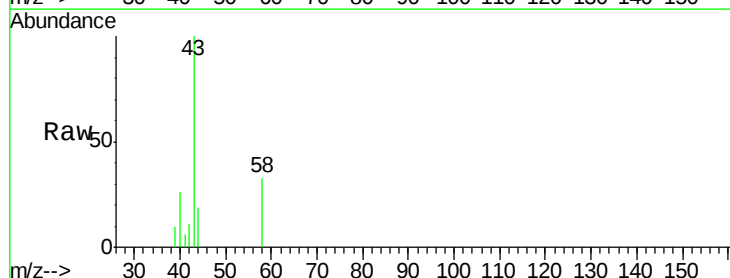
Acq: 19 Apr 2019 21:12

Tgt Ion: 43 Resp: 14563

Ion Ratio Lower Upper

43 100

58 34.2 20.9 31.3#



Abundance Ion 43.00 (42.70 to 43.70): VN055152.D (-544) (-)

Ion 58.00 (57.70 to 58.70): VN055152.D (-544) (-)

3.82

6000

5000

4000

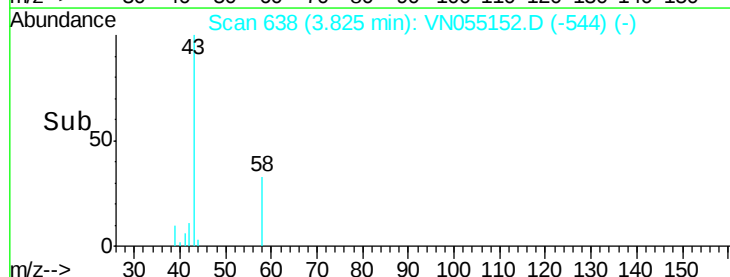
3000

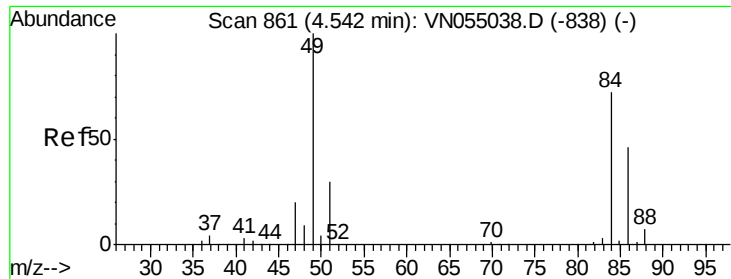
2000

1000

0

Time--> 3.75 3.80 3.85 3.90 3.95

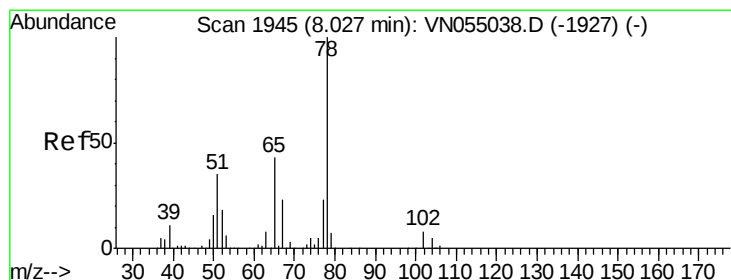
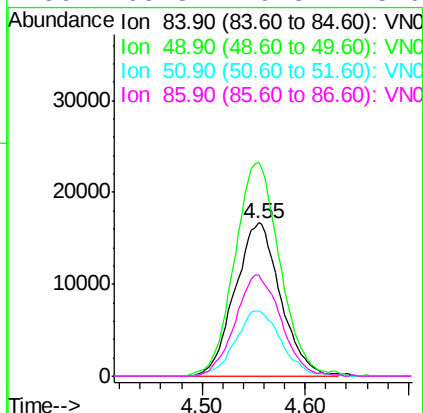
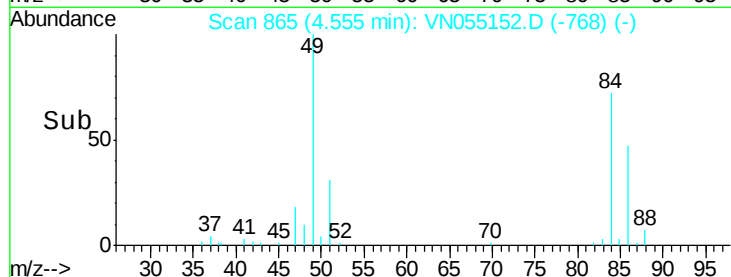
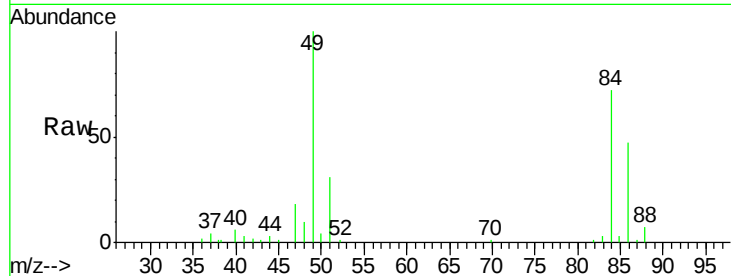




#20
Methvlene Chloride
Concen: 7.650 ug/l
RT: 4.55 min Scan# 865
Delta R.T. 0.01 min
Lab File: VN055152.D
Acq: 19 Apr 2019 21:12

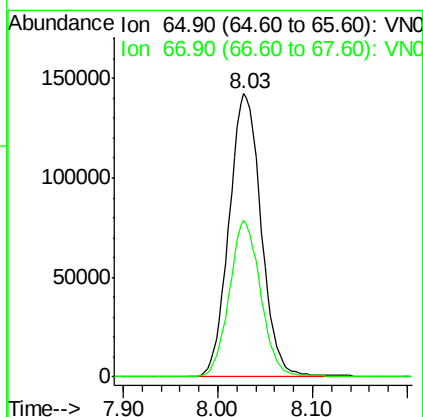
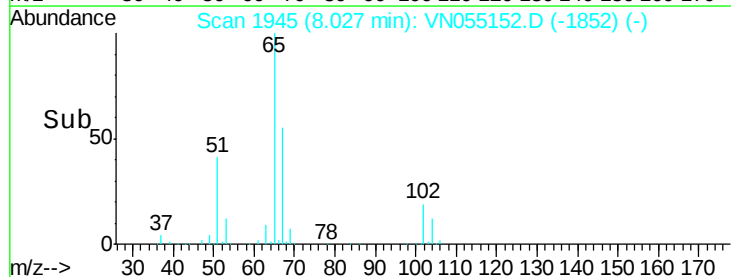
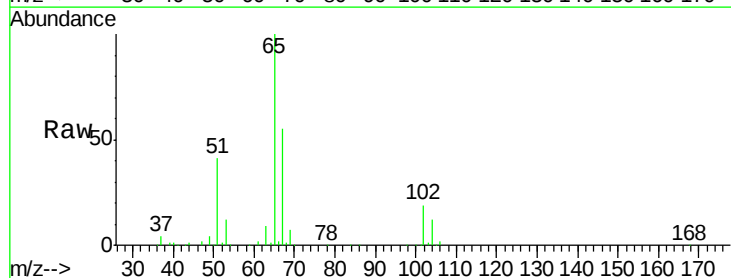
Instrument :
MSVOA_N
ClientSampleId :
PL-01-041819-B

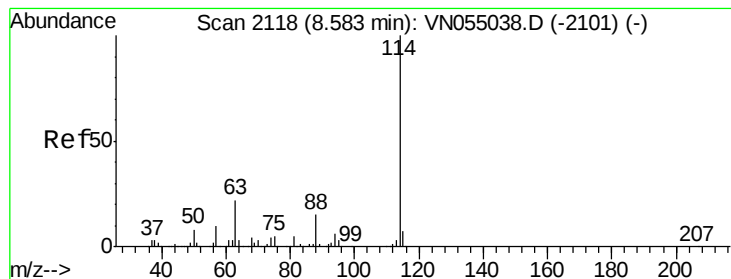
Tot Ion: 84 Resp: 51300
Ion Ratio Lower Upper
84 100
49 138.4 109.4 164.2
51 42.6 32.2 48.4
86 65.8 49.3 73.9



#33
1,2-Dichloroethane-d4
Concen: 47.839 ug/l
RT: 8.03 min Scan# 1945
Delta R.T. 0.00 min
Lab File: VN055152.D
Acq: 19 Apr 2019 21:12

Tgt Ion: 65 Resp: 336238
Ion Ratio Lower Upper
65 100
67 53.9 0.0 106.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.59 min Scan# 2119

Delta R.T. 0.00 min

Lab File: VN055152.D

Acq: 19 Apr 2019 21:12

Instrument :

MSVOA_N

ClientSampleId :

PL-01-041819-B

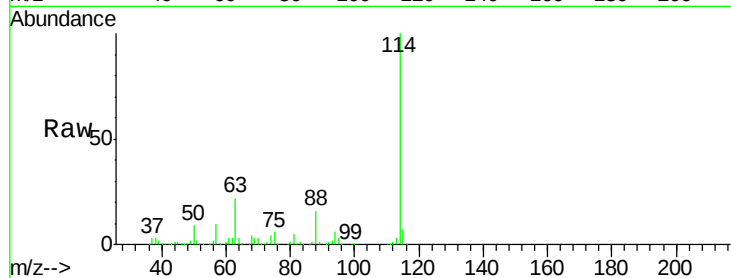
Tot Ion:114 Resp: 831301

Ion Ratio Lower Upper

114 100

63 22.1 0.0 45.2

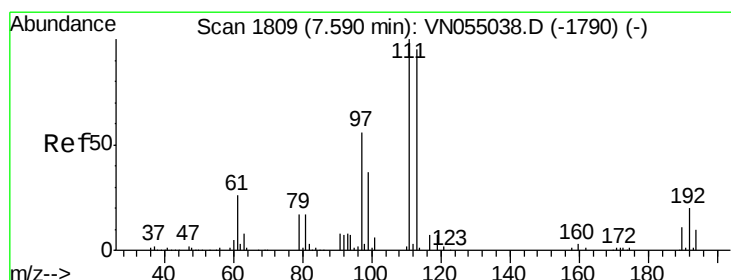
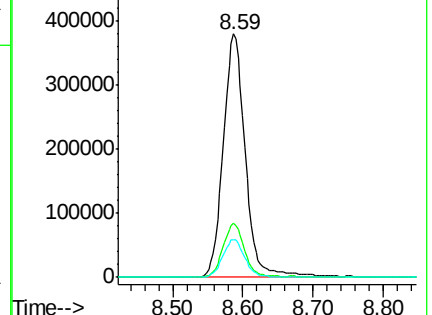
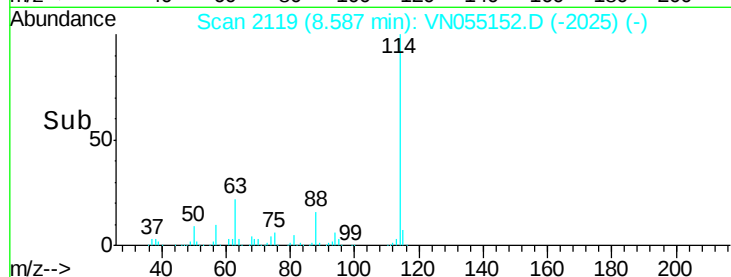
88 15.7 0.0 31.8



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: 47.731 ug/l

RT: 7.59 min Scan# 1810

Delta R.T. 0.00 min

Lab File: VN055152.D

Acq: 19 Apr 2019 21:12

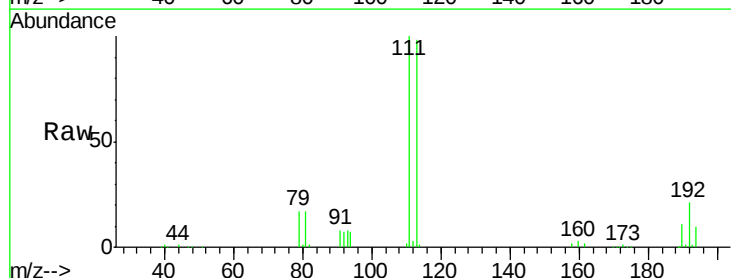
Tgt Ion:113 Resp: 265175

Ion Ratio Lower Upper

113 100

111 102.4 82.1 123.1

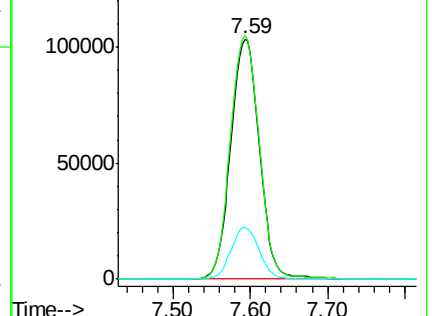
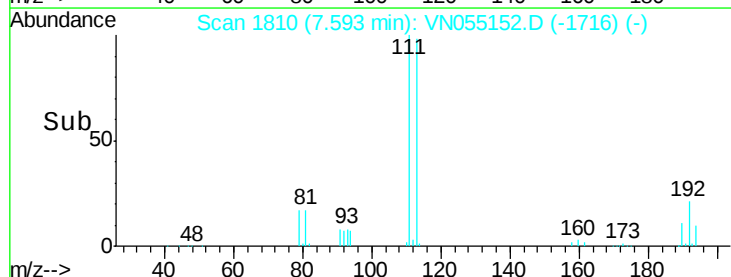
192 21.1 16.5 24.7

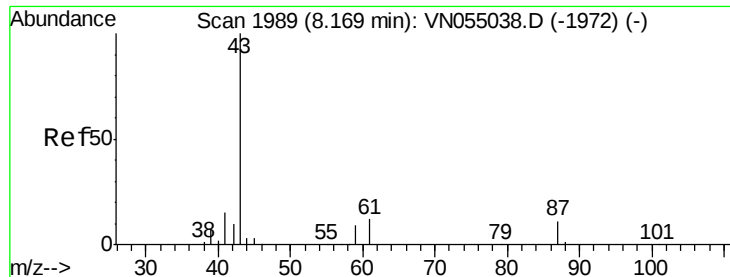


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 1.140 ug/l

RT: 8.17 min Scan# 1989

Delta R.T. 0.00 min

Lab File: VN055152.D

Acq: 19 Apr 2019 21:12

Instrument :

MSVOA_N

ClientSampleId :

PL-01-041819-B

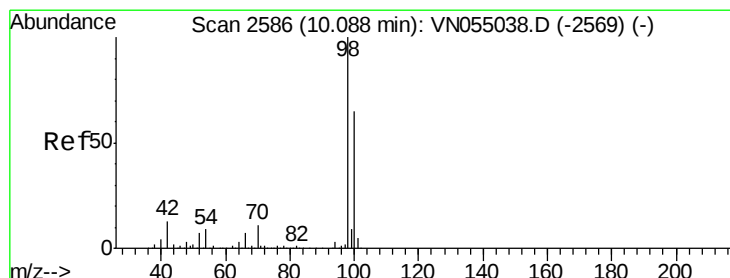
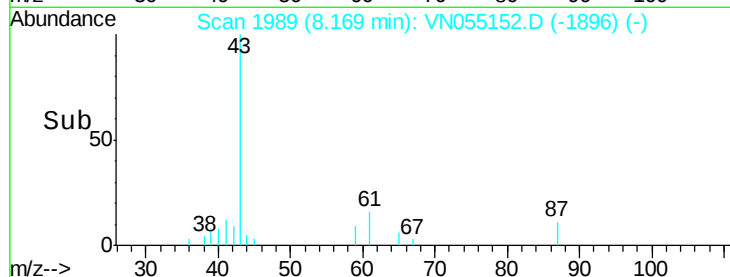
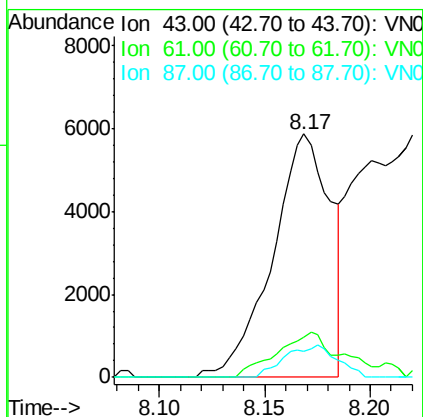
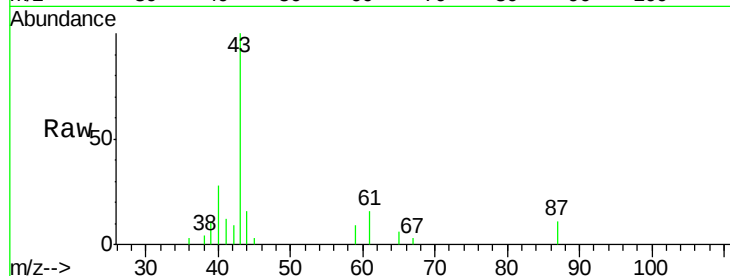
Tot Ion: 43 Resp: 11211

Ion Ratio Lower Upper

43 100

61 20.1 14.3 21.5

87 12.0 8.6 13.0



#50

Toluene-d8

Concen: 49.495 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN055152.D

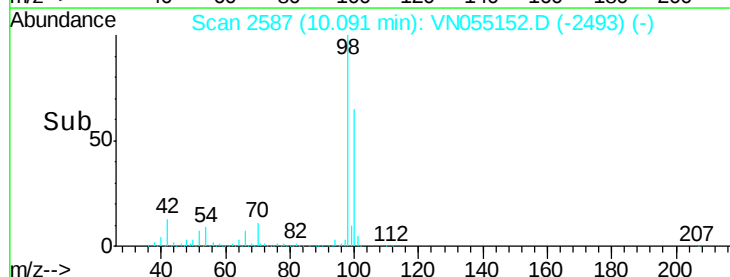
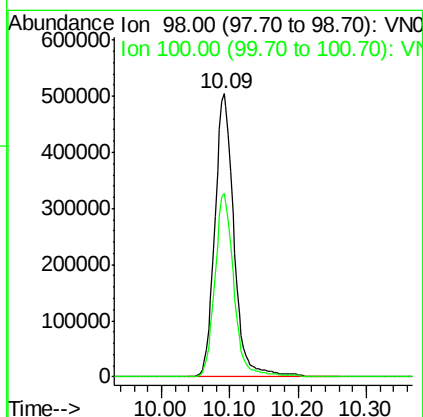
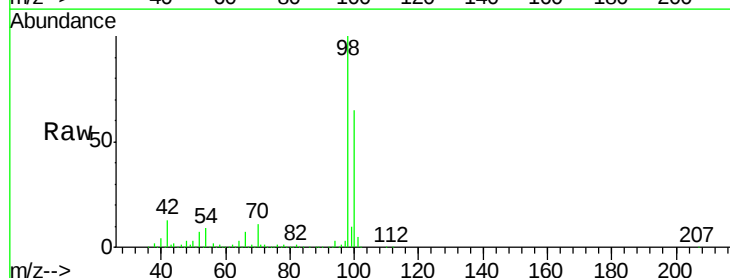
Acq: 19 Apr 2019 21:12

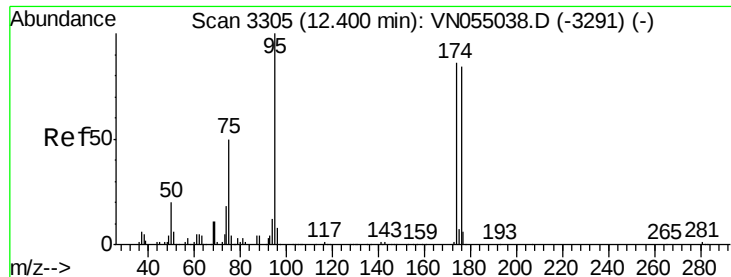
Tgt Ion: 98 Resp: 984165

Ion Ratio Lower Upper

98 100

100 64.4 51.1 76.7





#62

4-Bromofluorobenzene

Concen: 44.898 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN055152.D

Acq: 19 Apr 2019 21:12

Instrument :

MSVOA_N

ClientSampleId :

PL-01-041819-B

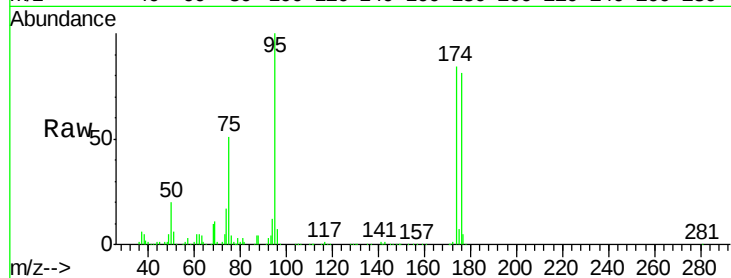
Tot Ion: 95 Resp: 290231

Ion Ratio Lower Upper

95 100

174 84.6 0.0 174.4

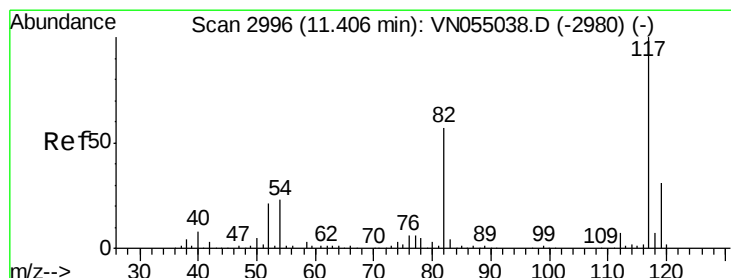
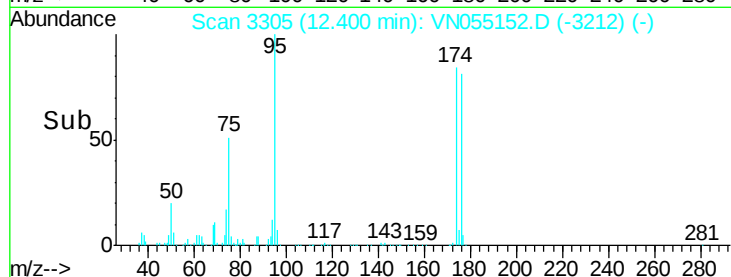
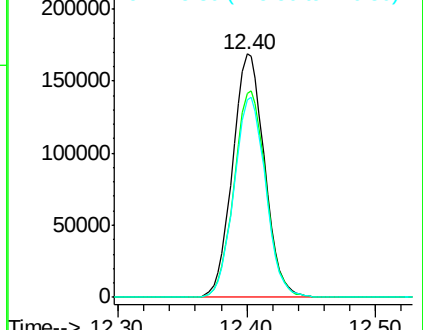
176 81.5 0.0 166.8



Abundance Ion 94.90 (94.60 to 95.60): VN055152.D (-3212) (-)

Ion 173.80 (173.50 to 174.50): VN055152.D (-3212) (-)

Ion 175.80 (175.50 to 176.50): VN055152.D (-3212) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN055152.D

Acq: 19 Apr 2019 21:12

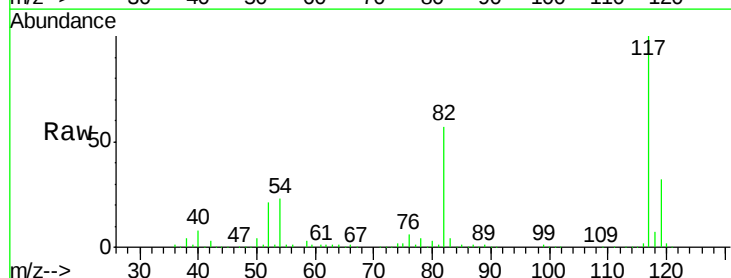
Tgt Ion: 117 Resp: 686867

Ion Ratio Lower Upper

117 100

82 56.5 44.6 66.8

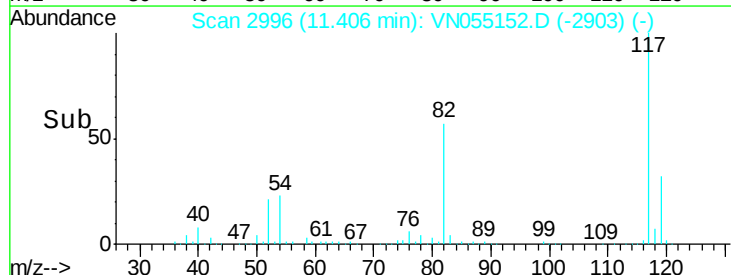
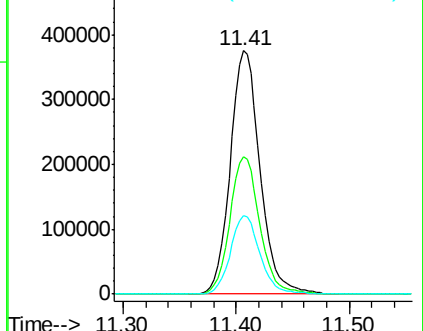
119 32.4 25.5 38.3

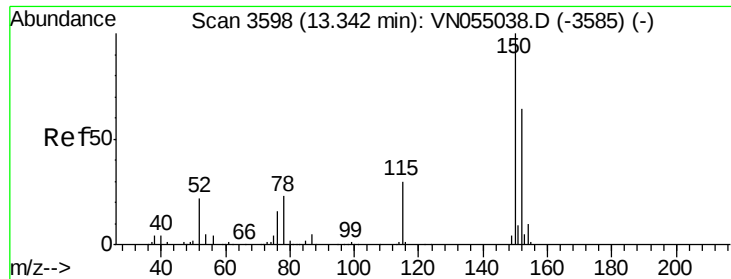


Abundance Ion 116.90 (116.60 to 117.60): VN055152.D (-2903) (-)

Ion 82.00 (81.70 to 82.70): VN055152.D (-2903) (-)

Ion 118.90 (118.60 to 119.60): VN055152.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: VN055152.D

Acq: 19 Apr 2019 21:12

Instrument :

MSVOA_N

ClientSampleId :

PL-01-041819-B

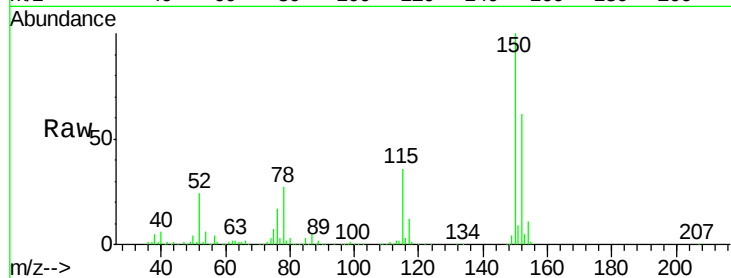
Tot Ion:152 Resp: 216457

Ion Ratio Lower Upper

152 100

115 57.0 28.5 85.6

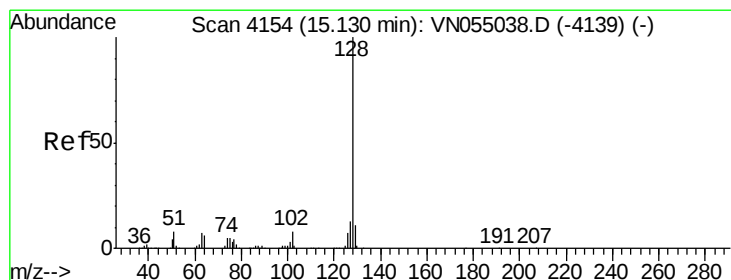
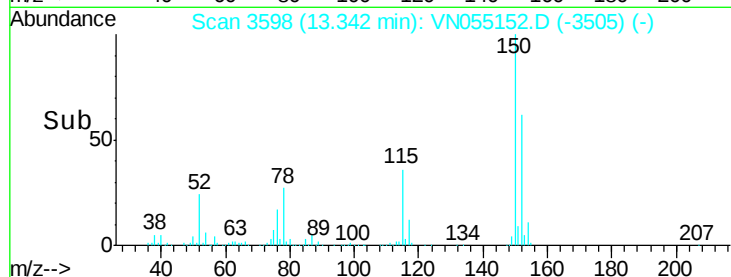
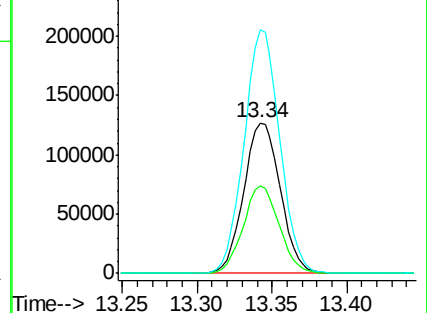
150 157.7 0.0 347.2



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



#95

Naphthalene

Concen: 4.153 ug/l

RT: 15.14 min Scan# 4156

Delta R.T. 0.01 min

Lab File: VN055152.D

Acq: 19 Apr 2019 21:12

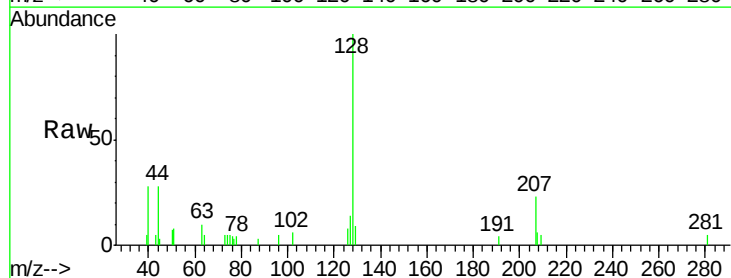
Tgt Ion:128 Resp: 8884

Ion Ratio Lower Upper

128 100

127 13.0 10.1 15.1

129 11.0 8.8 13.2



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

