

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN041919\
 Data File : VN055161.D
 Acq On : 20 Apr 2019 1:02
 Operator : JC/SP
 Sample : K2199-14
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 OR-03-041819-A

Quant Time: Apr 20 05:30:17 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

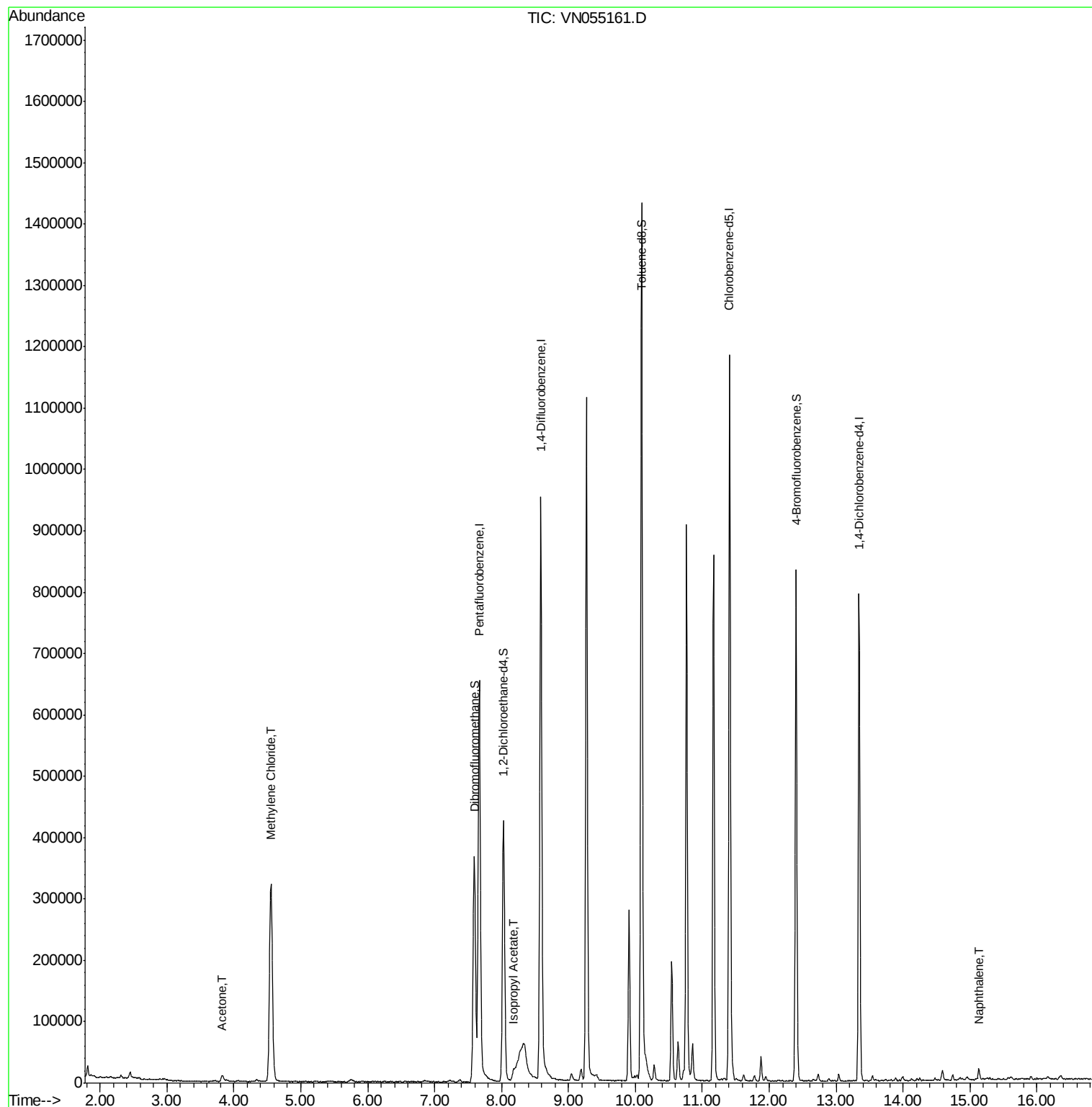
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	565476	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	881775	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	695379	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	213811	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	352756	46.93	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.86%	
35) Dibromofluoromethane	7.59	113	281945	47.84	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.68%	
50) Toluene-d8	10.09	98	1032977	48.98	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.96%	
62) 4-Bromofluorobenzene	12.40	95	283532	41.35	ug/l	0.00
Spiked Amount 50.000			Recovery	=	82.70%	
Target Compounds						
16) Acetone	3.82	43	17473	8.565	ug/l	96
20) Methylene Chloride	4.55	84	232342	32.397	ug/l	98
43) Isopropyl Acetate	8.18	43	20337	1.950	ug/l #	95
95) Naphthalene	15.13	128	15089	4.926	ug/l	99

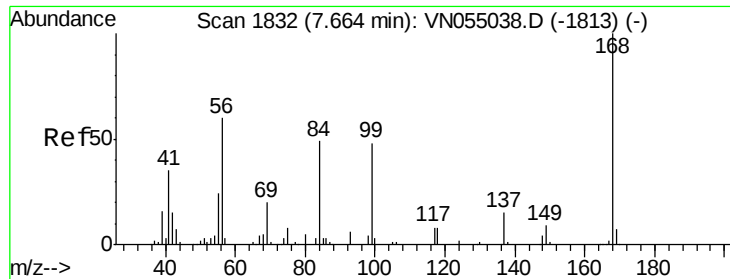
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN041919\
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Quant Title : SW846 8260
QLast Update : Mon Apr 15 12:28:28 2019
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: VN055161.D

Acq: 20 Apr 2019 1:02

Instrument :

MSVOA_N

ClientSampled :

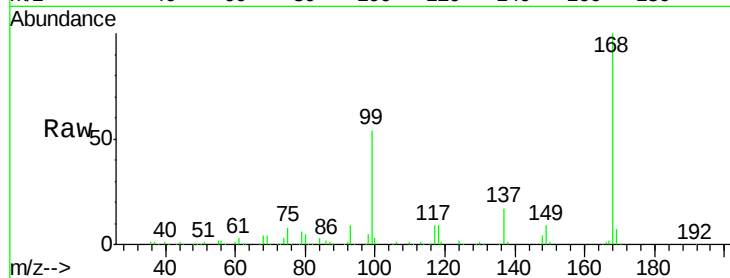
OR-03-041819-A

Tot Ion:168 Resp: 565476

Ion Ratio Lower Upper

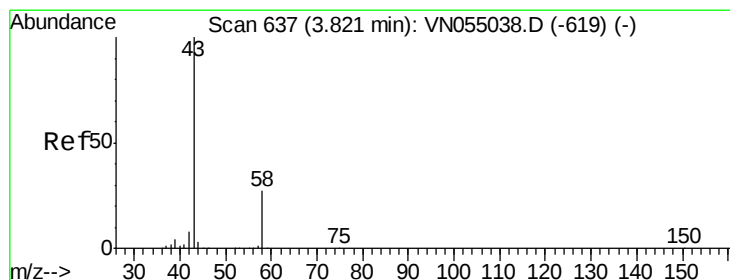
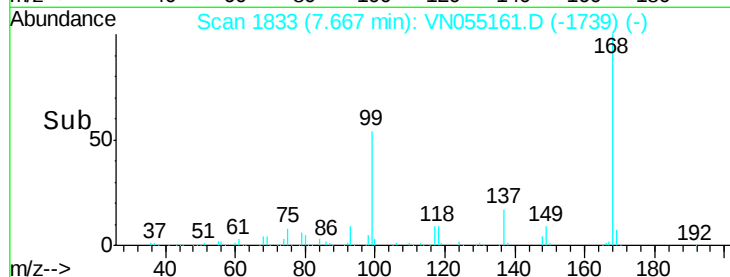
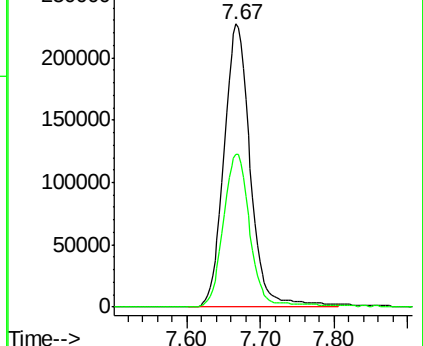
168 100

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



#16

Acetone

Concen: 8.565 ug/l

RT: 3.82 min Scan# 638

Delta R.T. 0.00 min

Lab File: VN055161.D

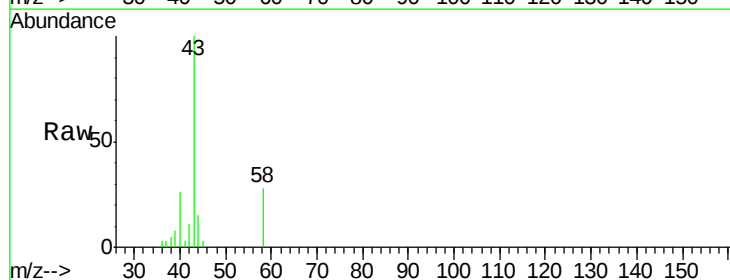
Acq: 20 Apr 2019 1:02

Tgt Ion: 43 Resp: 17473

Ion Ratio Lower Upper

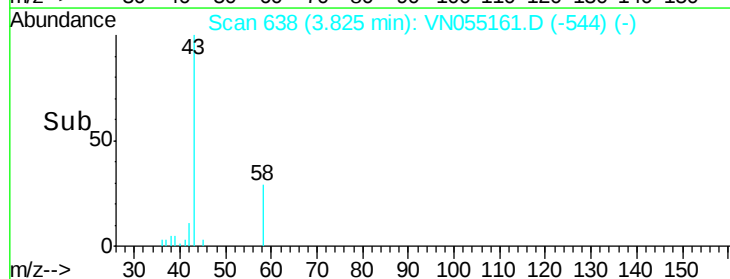
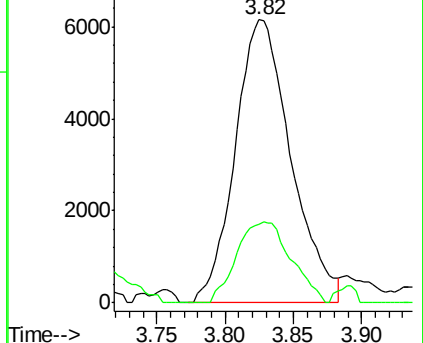
43 100

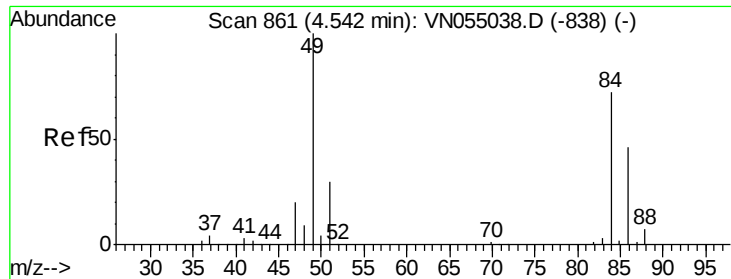
58 27.9 20.9 31.3



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO

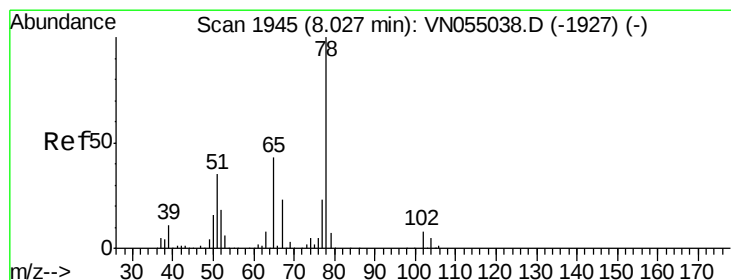
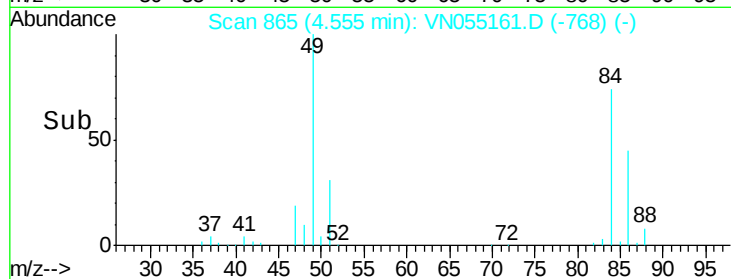
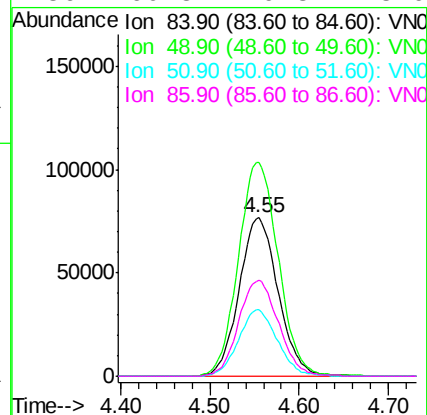
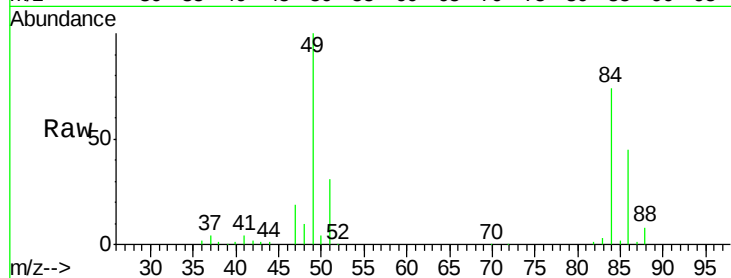




#20
Methylene Chloride
Concen: 32.397 ug/l
RT: 4.55 min Scan# 865
Delta R.T. 0.01 min
Lab File: VN055161.D
Acq: 20 Apr 2019 1:02

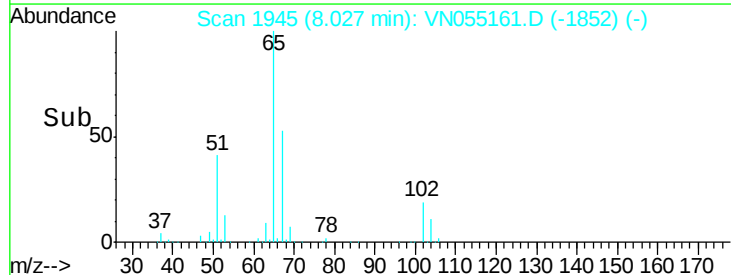
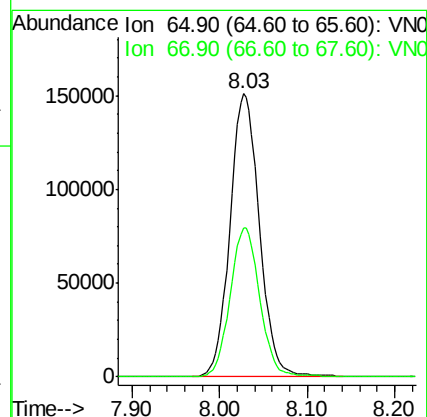
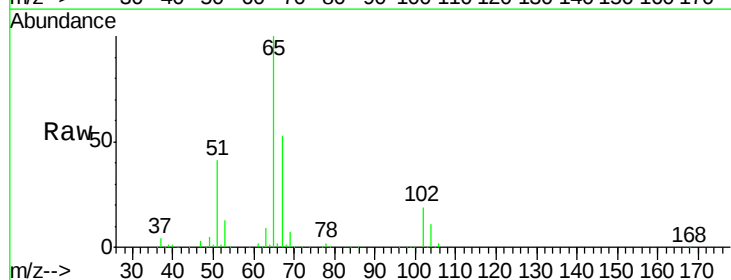
Instrument :
MSVOA_N
ClientSampleId :
OR-03-041819-A

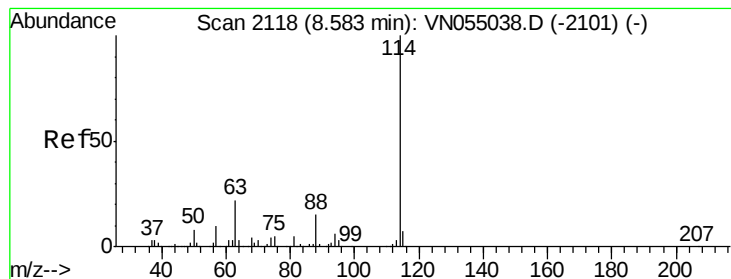
Tot Ion: 84 Resp: 232342
Ion Ratio Lower Upper
84 100
49 134.6 109.4 164.2
51 41.9 32.2 48.4
86 60.8 49.3 73.9



#33
1,2-Dichloroethane-d4
Concen: 46.930 ug/l
RT: 8.03 min Scan# 1945
Delta R.T. 0.00 min
Lab File: VN055161.D
Acq: 20 Apr 2019 1:02

Tgt Ion: 65 Resp: 352756
Ion Ratio Lower Upper
65 100
67 53.1 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: VN055161.D

Acq: 20 Apr 2019 1:02

Instrument :

MSVOA_N

ClientSampleId :

OR-03-041819-A

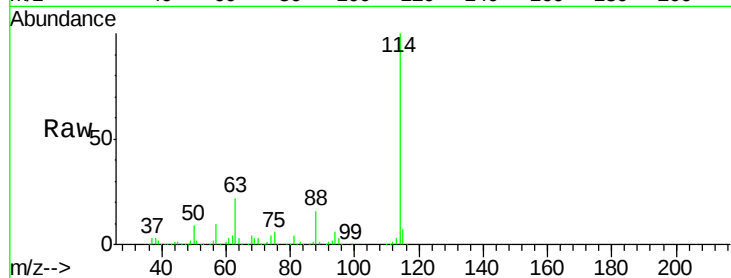
Tot Ion:114 Resp: 881775

Ion Ratio Lower Upper

114 100

63 22.3 0.0 45.2

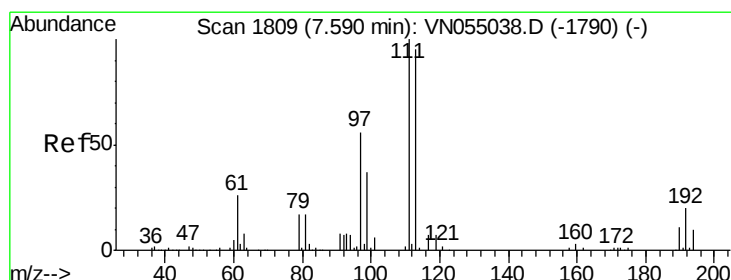
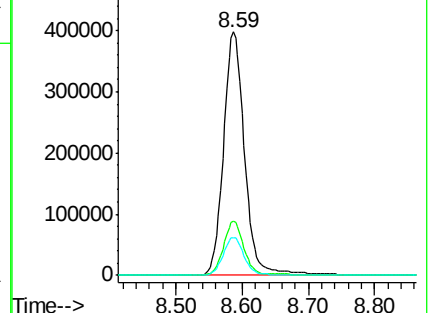
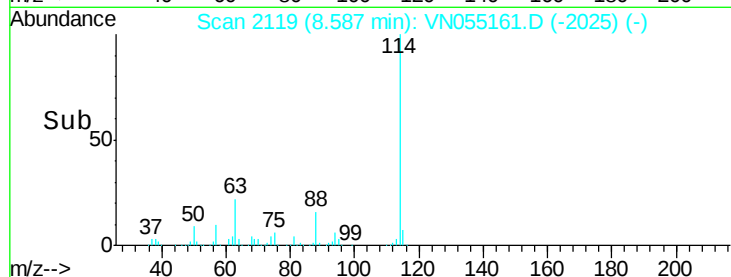
88 15.7 0.0 31.8



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN0

Ion 87.90 (87.60 to 88.60): VN0



#35

Dibromofluoromethane

Concen: 47.844 ug/l

RT: 7.59 min Scan# 1810

Delta R.T. 0.00 min

Lab File: VN055161.D

Acq: 20 Apr 2019 1:02

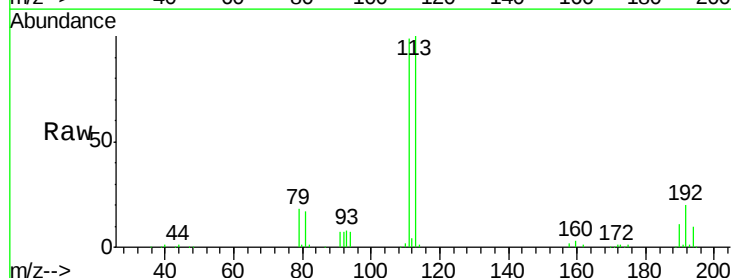
Tgt Ion:113 Resp: 281945

Ion Ratio Lower Upper

113 100

111 101.8 82.1 123.1

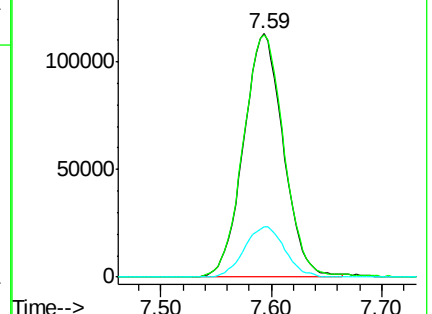
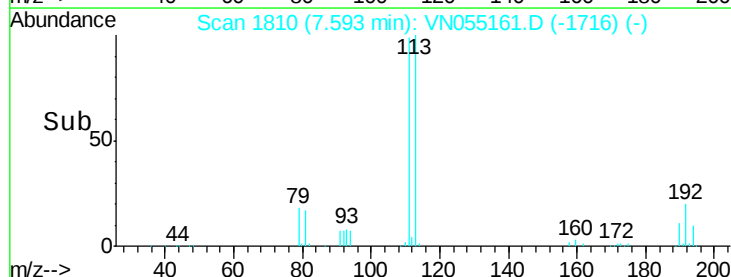
192 21.2 16.5 24.7

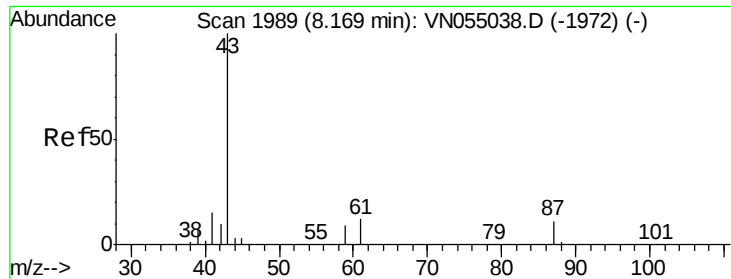


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 1.950 ug/l

RT: 8.18 min Scan# 1992

Delta R.T. 0.01 min

Lab File: VN055161.D

Acq: 20 Apr 2019 1:02

Instrument :

MSVOA_N

ClientSampleId :

OR-03-041819-A

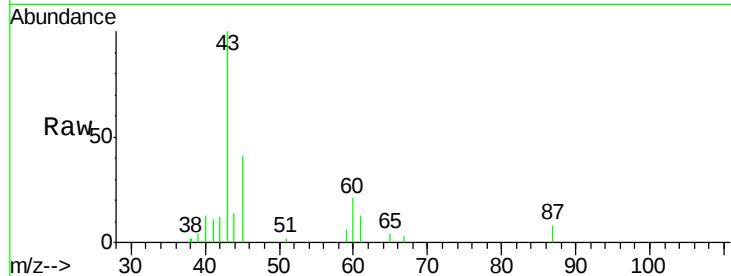
Tot Ion: 43 Resp: 20337

Ion Ratio Lower Upper

43 100

61 16.4 14.3 21.5

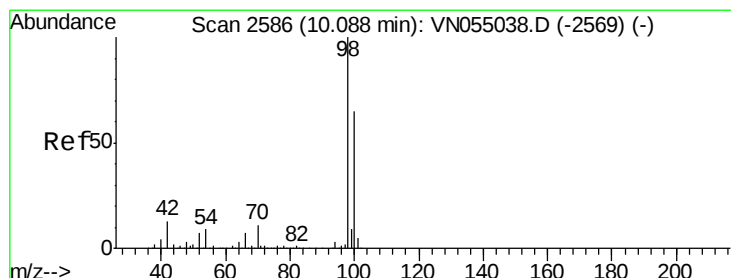
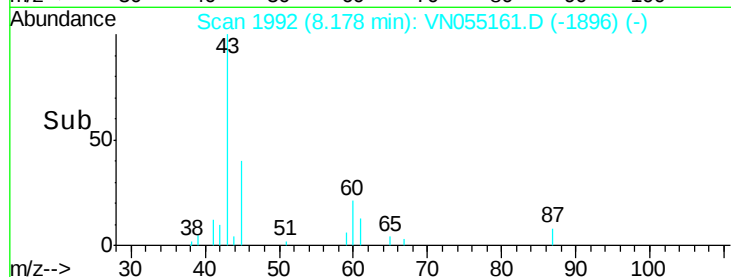
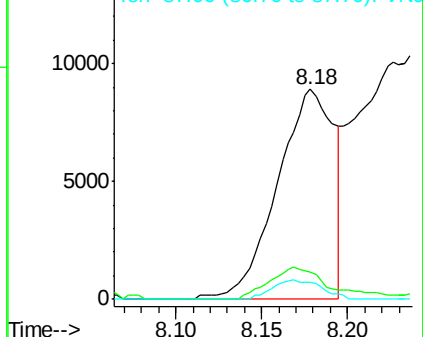
87 8.0 8.6 13.0#



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: 48.976 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN055161.D

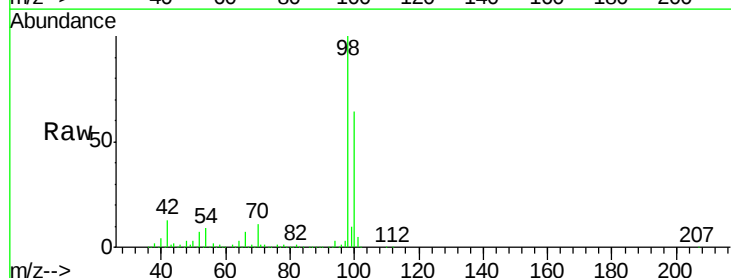
Acq: 20 Apr 2019 1:02

Tgt Ion: 98 Resp: 1032977

Ion Ratio Lower Upper

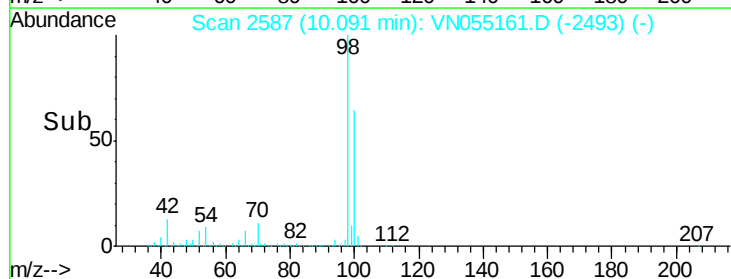
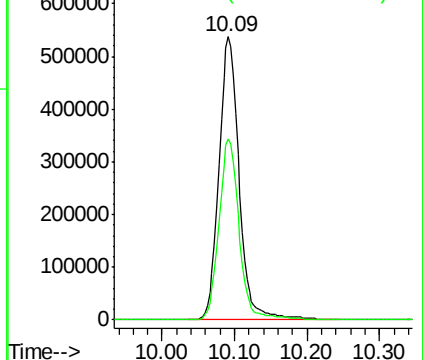
98 100

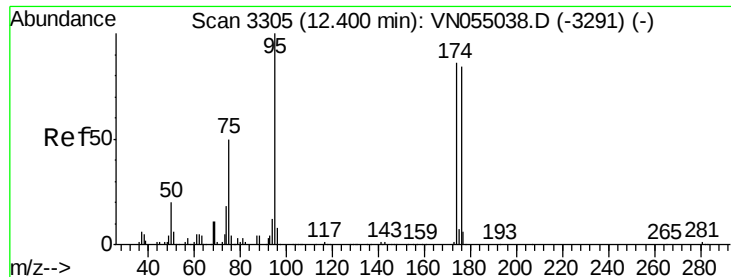
100 64.1 51.1 76.7



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0





#62

4-Bromofluorobenzene

Concen: 41.351 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN055161.D

Acq: 20 Apr 2019 1:02

Instrument :

MSVOA_N

ClientSampleId :

OR-03-041819-A

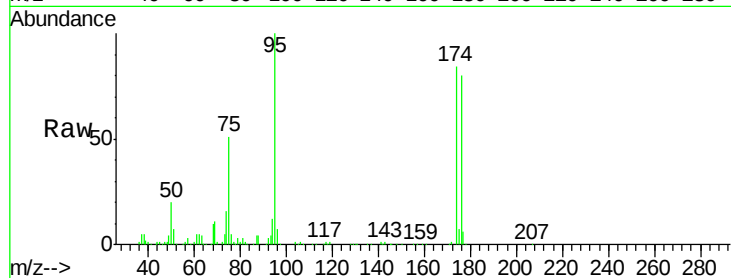
Tot Ion: 95 Resp: 283532

Ion Ratio Lower Upper

95 100

174 84.9 0.0 174.4

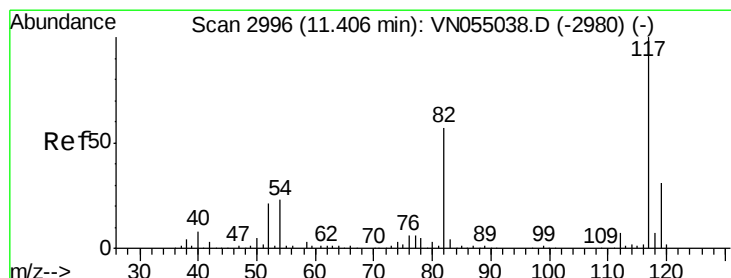
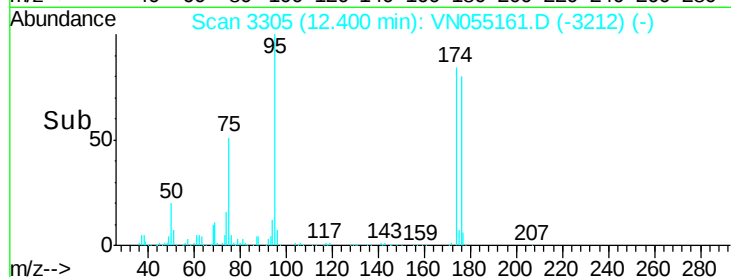
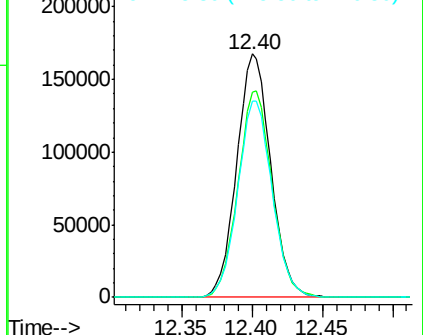
176 81.5 0.0 166.8



Abundance Ion 94.90 (94.60 to 95.60): VN055161.D (-3212) (-)

Ion 173.80 (173.50 to 174.50): VN055161.D (-3212) (-)

Ion 175.80 (175.50 to 176.50): VN055161.D (-3212) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN055161.D

Acq: 20 Apr 2019 1:02

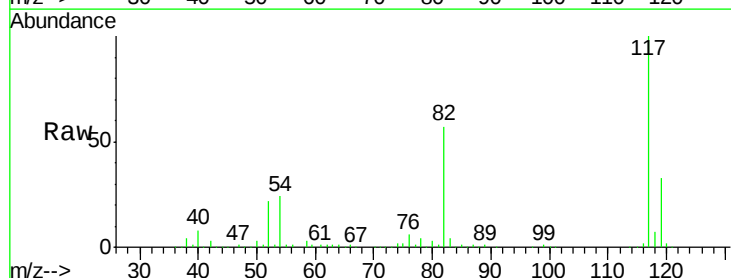
Tgt Ion: 117 Resp: 695379

Ion Ratio Lower Upper

117 100

82 56.9 44.6 66.8

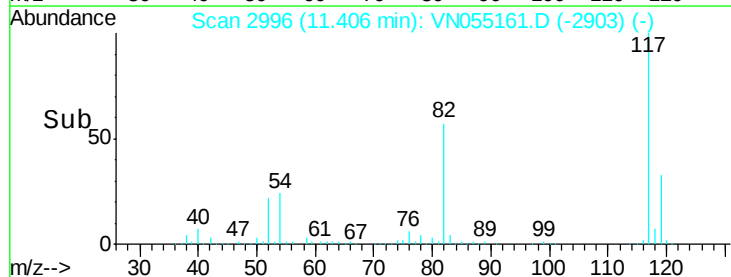
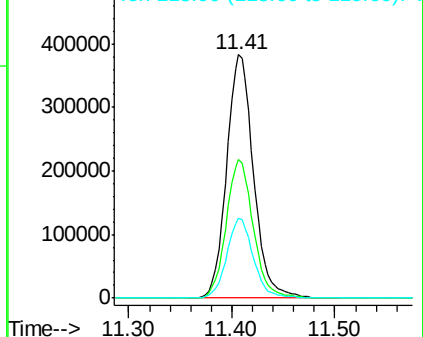
119 32.6 25.5 38.3

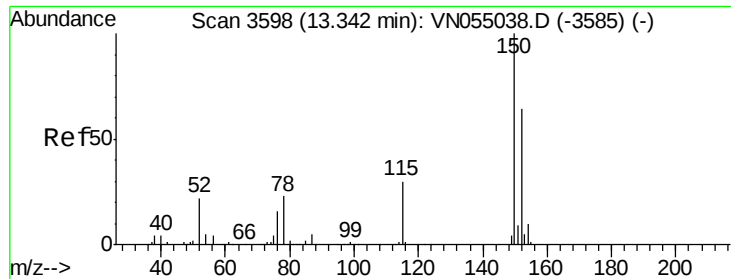


Abundance Ion 116.90 (116.60 to 117.60): VN055161.D (-2903) (-)

Ion 82.00 (81.70 to 82.70): VN055161.D (-2903) (-)

Ion 118.90 (118.60 to 119.60): VN055161.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: VN055161.D

Acq: 20 Apr 2019 1:02

Instrument :

MSVOA_N

ClientSampleId :

OR-03-041819-A

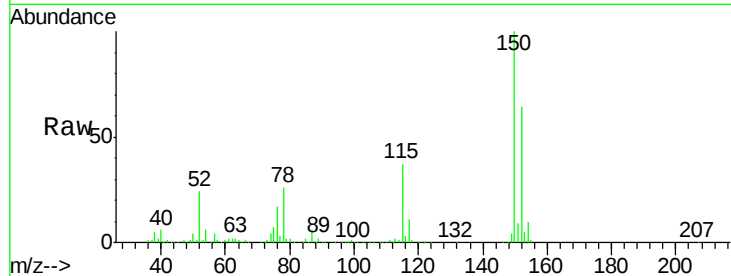
Tot Ion:152 Resp: 213811

Ion Ratio Lower Upper

152 100

115 57.5 28.5 85.6

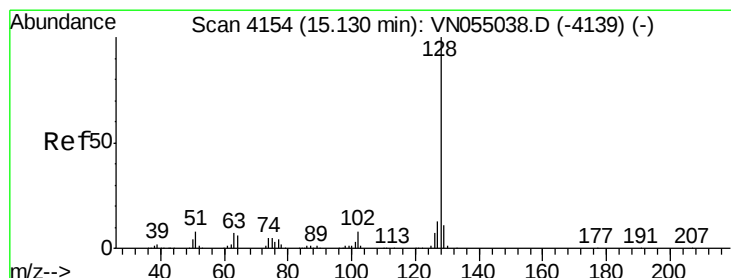
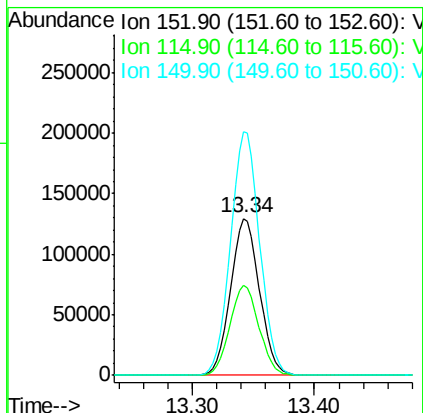
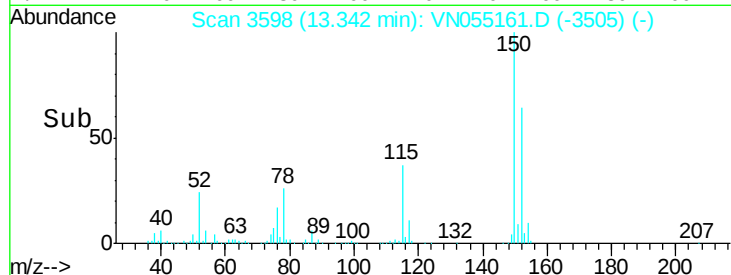
150 156.1 0.0 347.2



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: 4.926 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN055161.D

Acq: 20 Apr 2019 1:02

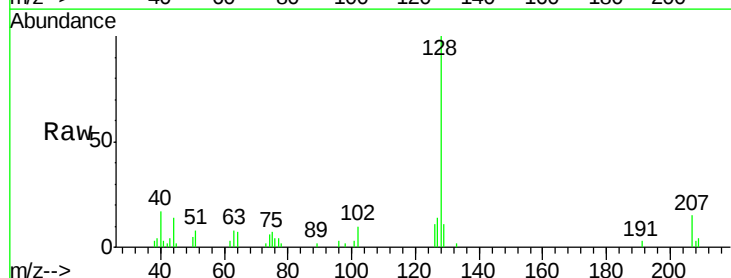
Tgt Ion:128 Resp: 15089

Ion Ratio Lower Upper

128 100

127 12.8 10.1 15.1

129 10.5 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

