

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF011419\
 Data File : VF061402.D
 Acq On : 14 Jan 2019 21:23
 Operator : VA/AP
 Sample : K1007-01
 Misc : 5.01g/5mL/MSVOA-F/SOIL
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 NB-07-011419

Quant Time: Jan 14 22:21:09 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F010819S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 09 07:13:51 2019
 Response via : Initial Calibration

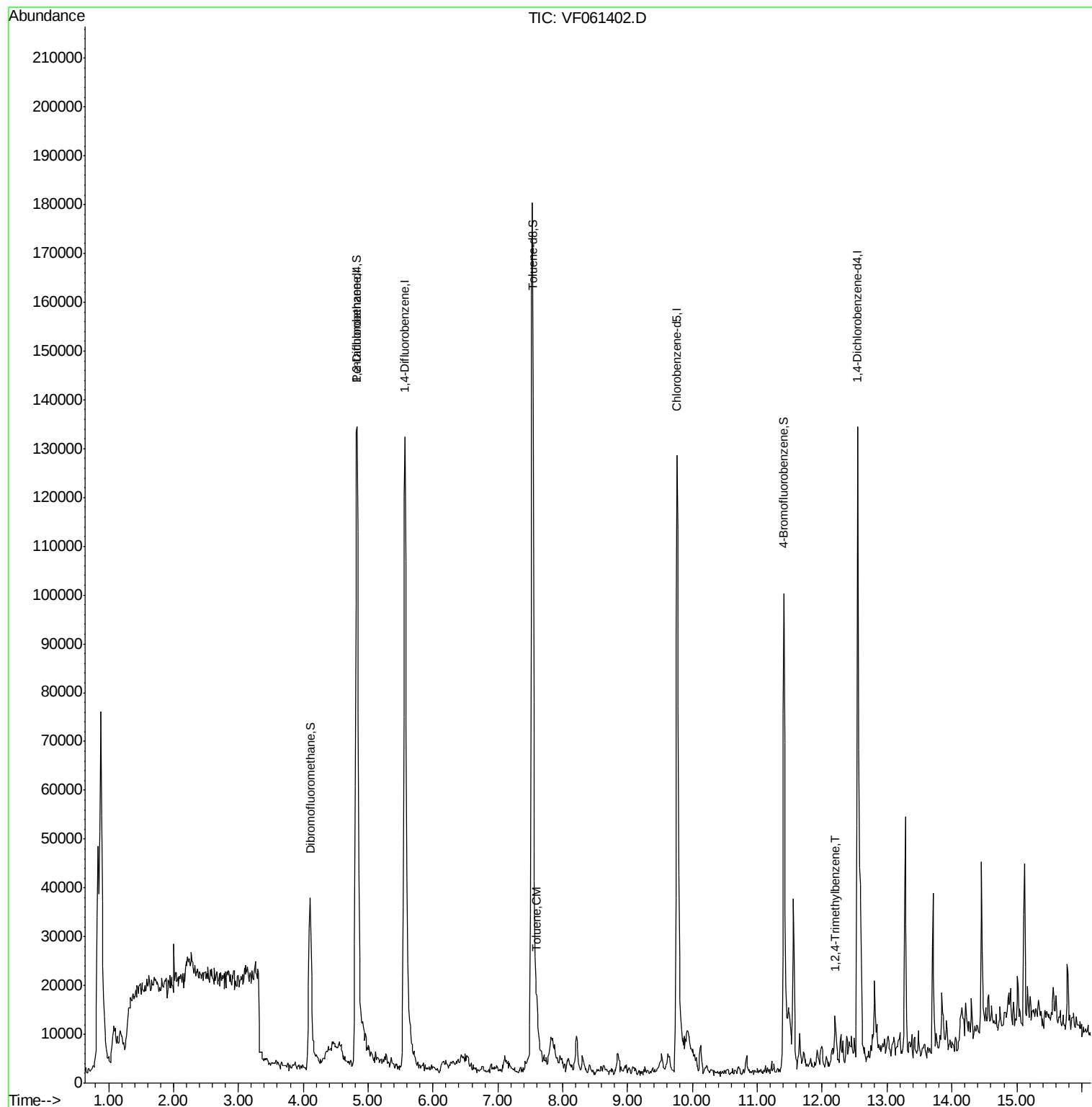
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.83	168	93443	50.00	ug/l	-0.04
34) 1,4-Difluorobenzene	5.57	114	158643	50.00	ug/l	-0.04
63) Chlorobenzene-d5	9.76	117	105629	50.00	ug/l	-0.03
72) 1,4-Dichlorobenzene-d4	12.55	152	46845	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.82	65	41582	39.98	ug/l	-0.04
Spiked Amount 50.000			Recovery	=	79.96%	
35) Dibromofluoromethane	4.11	113	36908	30.40	ug/l	0.00
Spiked Amount 50.000			Recovery	=	60.80%	
50) Toluene-d8	7.53	98	170047	47.34	ug/l	-0.04
Spiked Amount 50.000			Recovery	=	94.68%	
62) 4-Bromofluorobenzene	11.41	95	44422	28.32	ug/l	0.00
Spiked Amount 50.000			Recovery	=	56.64%	
Target Compounds						
52) Toluene	7.61	92	3328	1.197	ug/l	87
84) 1,2,4-Trimethylbenzene	12.21	105	3779	1.160	ug/l	70

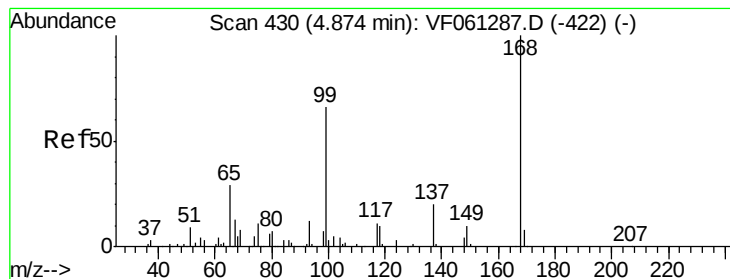
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Jan 09 07:13:51 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.83 min Scan# 426

Delta R.T. -0.04 min

Lab File: VF061402.D

Acq: 14 Jan 2019 21:23

Instrument :

MSVOA_F

ClientSampleId :

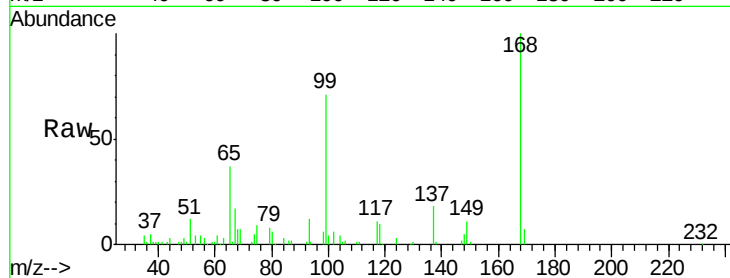
NB-07-011419

Tot Ion:168 Resp: 93443

Ion Ratio Lower Upper

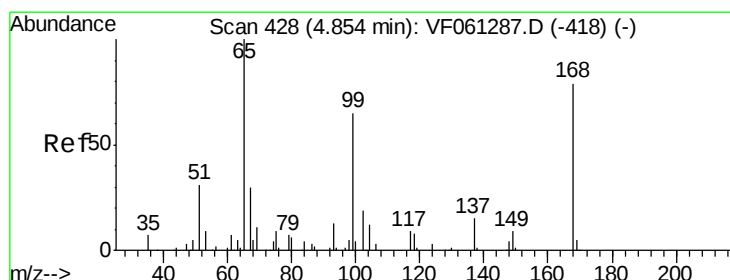
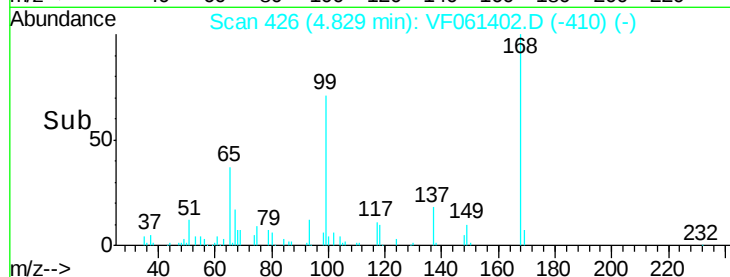
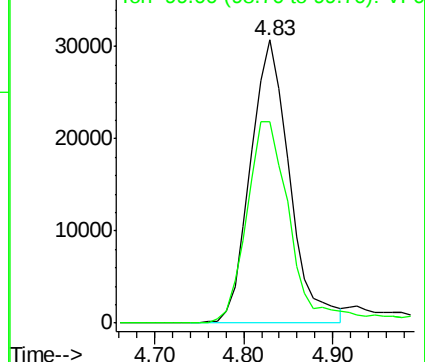
168 100

99 71.0 52.7 79.1



Abundance Ion 168.00 (167.70 to 168.70): V

Ion 99.00 (98.70 to 99.70): VF0



#33

1,2-Dichloroethane-d4

Concen: 39.980 ug/l

RT: 4.82 min Scan# 425

Delta R.T. -0.04 min

Lab File: VF061402.D

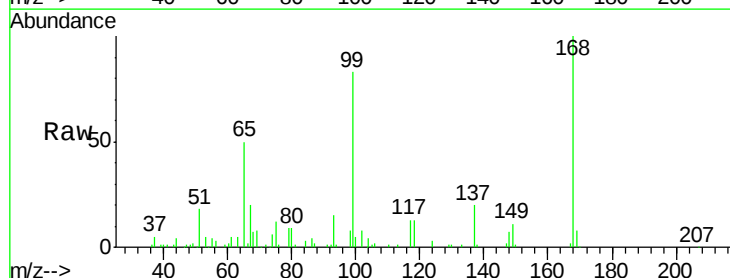
Acq: 14 Jan 2019 21:23

Tgt Ion: 65 Resp: 41582

Ion Ratio Lower Upper

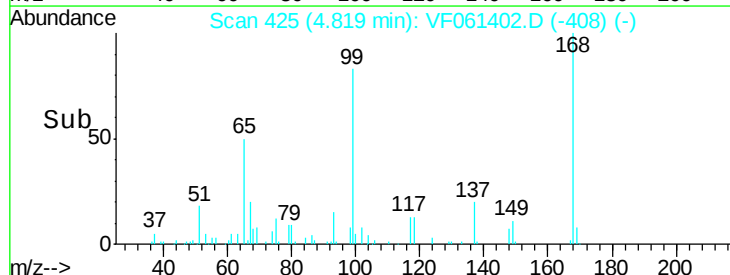
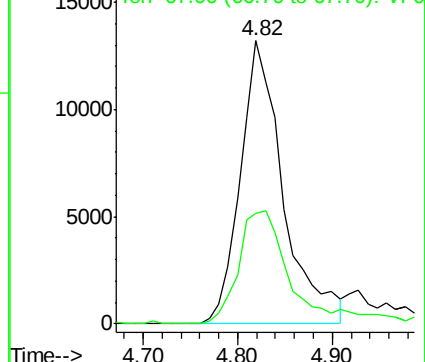
65 100

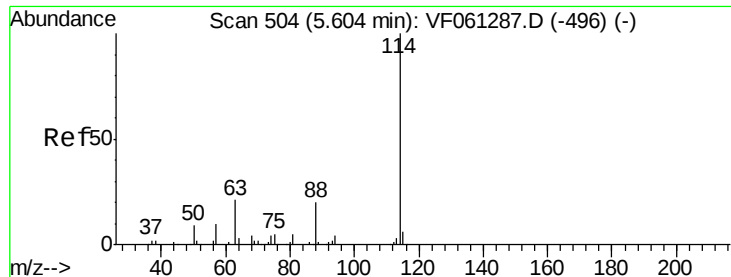
67 39.3 0.0 98.2



Abundance Ion 65.00 (64.70 to 65.70): VF0

Ion 67.00 (66.70 to 67.70): VF0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.57 min Scan# 501

Delta R.T. -0.04 min

Lab File: VF061402.D

Acq: 14 Jan 2019 21:23

Instrument :

MSVOA_F

ClientSampleId :

NB-07-011419

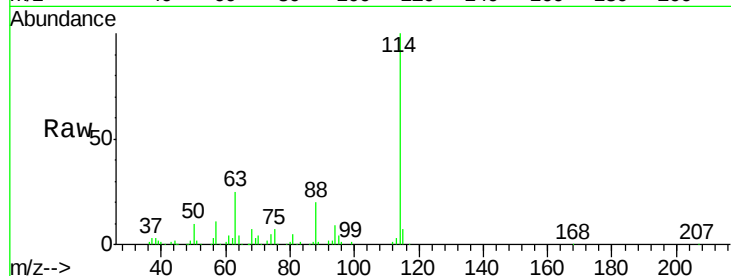
Tot Ion:114 Resp: 158643

Ion Ratio Lower Upper

114 100

63 24.5 0.0 42.8

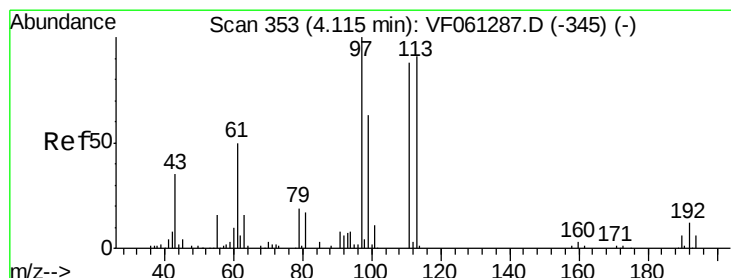
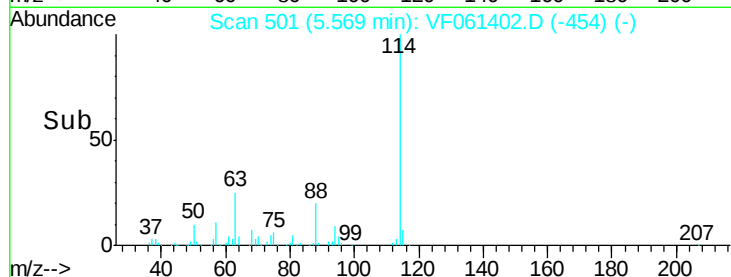
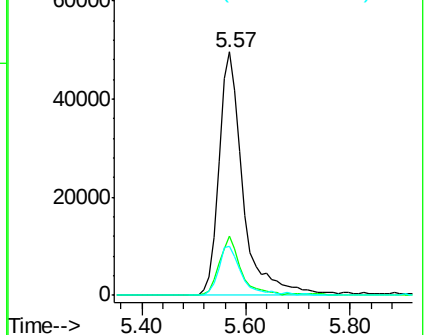
88 19.9 0.0 40.0



Abundance Ion 114.00 (113.70 to 114.70): V

Ion 63.00 (62.70 to 63.70): VF0

Ion 88.00 (87.70 to 88.70): VF0



#35

Dibromofluoromethane

Concen: 30.405 ug/l

RT: 4.11 min Scan# 353

Delta R.T. -0.01 min

Lab File: VF061402.D

Acq: 14 Jan 2019 21:23

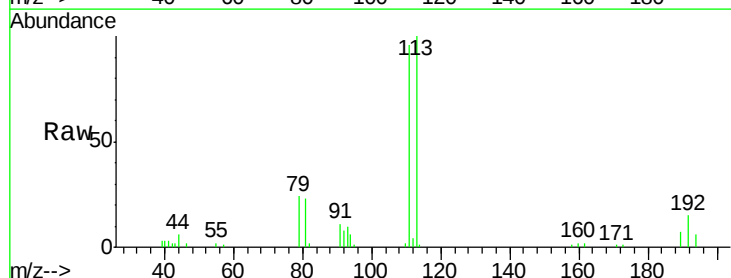
Tgt Ion:113 Resp: 36908

Ion Ratio Lower Upper

113 100

111 95.9 78.0 117.0

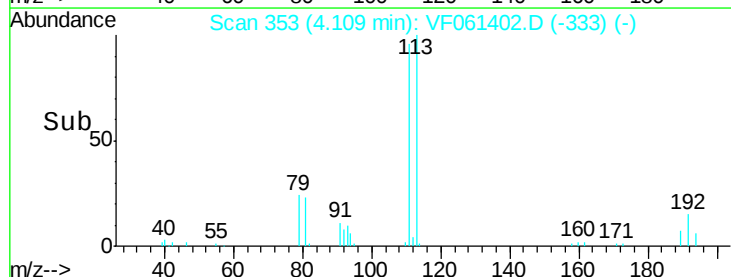
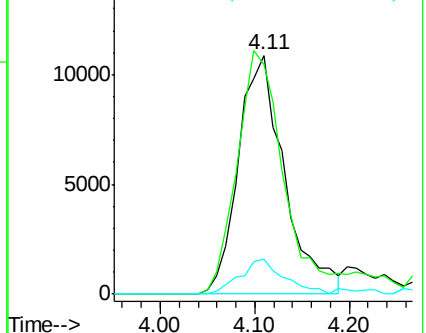
192 14.8 10.6 16.0

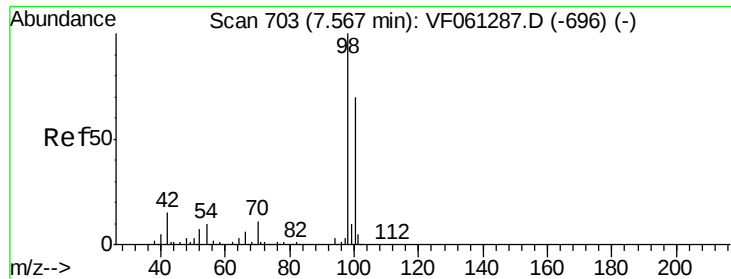


Abundance Ion 113.00 (112.70 to 113.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 192.00 (191.70 to 192.70): V

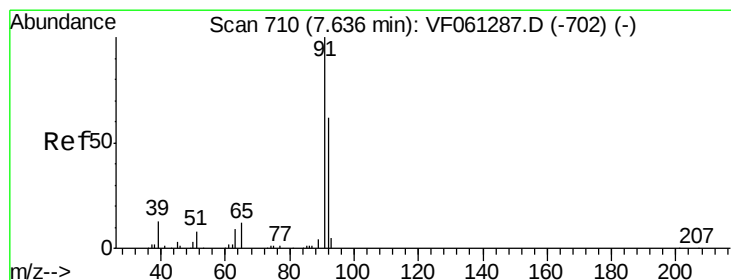
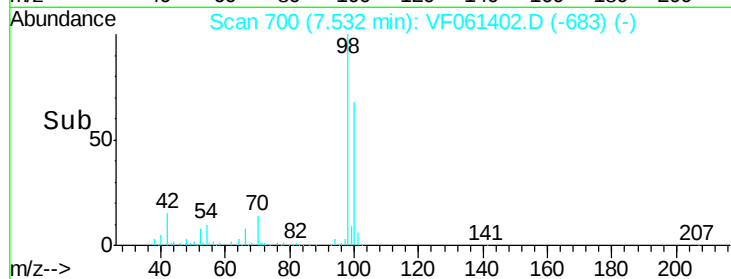
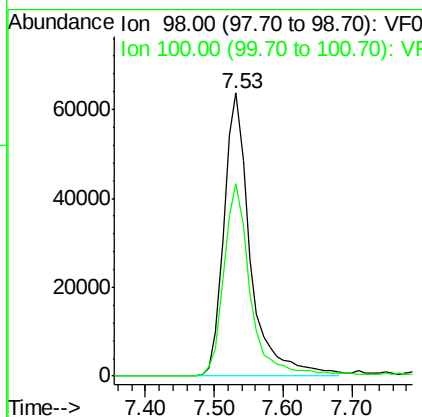
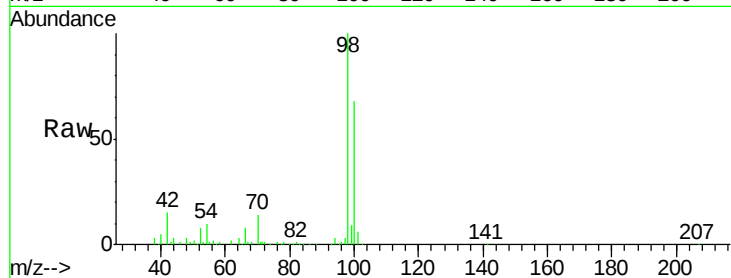




#50
Toluene-d8
Concen: 47.338 ug/l
RT: 7.53 min Scan# 700
Delta R.T. -0.04 min
Lab File: VF061402.D
Acq: 14 Jan 2019 21:23

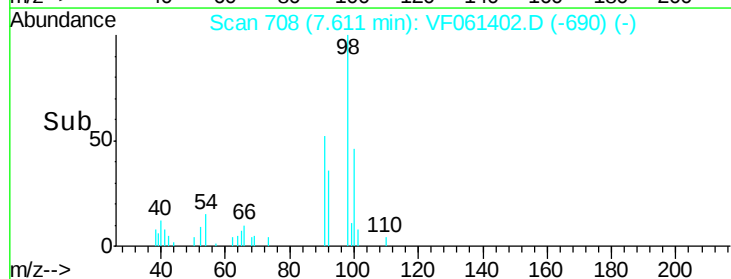
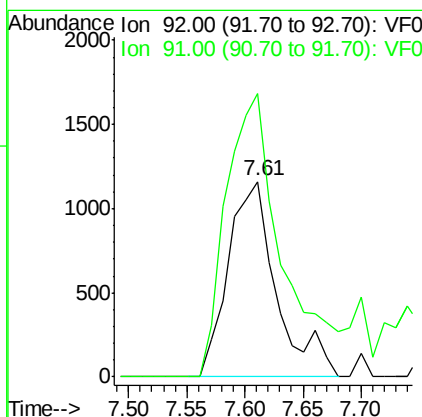
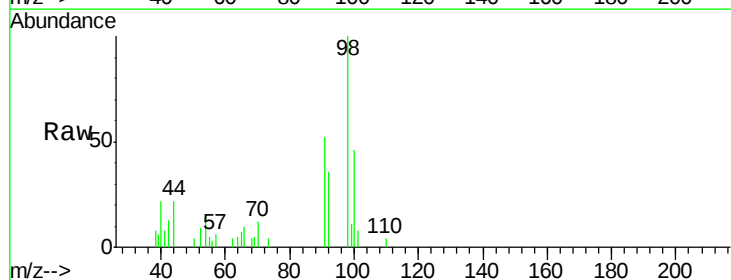
Instrument :
MSVOA_F
ClientSampleId :
NB-07-011419

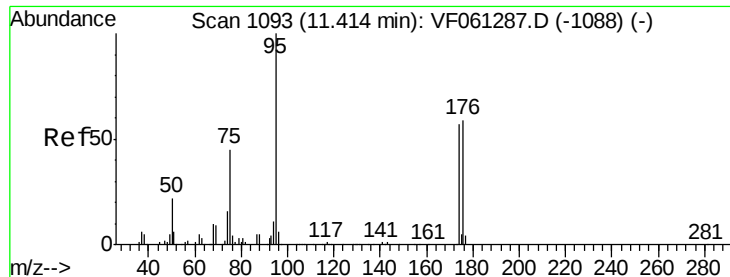
Tot Ion: 98 Resp: 170047
Ion Ratio Lower Upper
98 100
100 67.9 55.6 83.4



#52
Toluene
Concen: 1.197 ug/l
RT: 7.61 min Scan# 708
Delta R.T. -0.03 min
Lab File: VF061402.D
Acq: 14 Jan 2019 21:23

Tgt Ion: 92 Resp: 3328
Ion Ratio Lower Upper
92 100
91 144.9 129.2 193.8





#62

4-Bromofluorobenzene

Concen: 28.320 ug/l

RT: 11.41 min Scan# 1093

Delta R.T. -0.01 min

Lab File: VF061402.D

Acq: 14 Jan 2019 21:23

Instrument :

MSVOA_F

ClientSampleId :

NB-07-011419

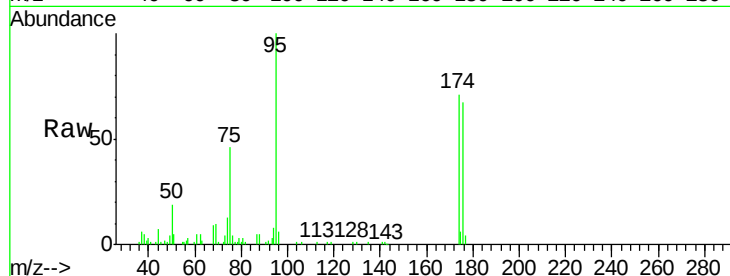
Tot Ion: 95 Resp: 44422

Ion Ratio Lower Upper

95 100

174 71.3 0.0 114.2

176 66.7 0.0 117.8

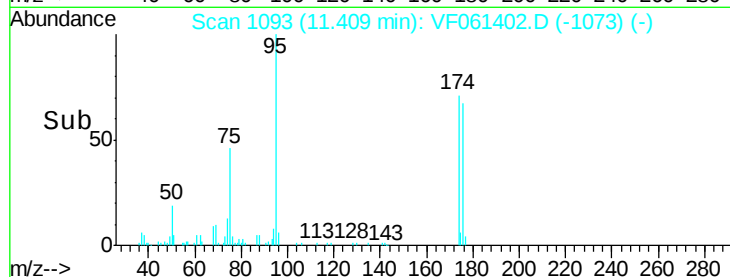


Abundance Ion 95.00 (94.70 to 95.70): VF061287.D (-1088) (-)

Ion 174.00 (173.70 to 174.70): VF061287.D (-1088) (-)

Ion 176.00 (175.70 to 176.70): VF061287.D (-1088) (-)

Time-->

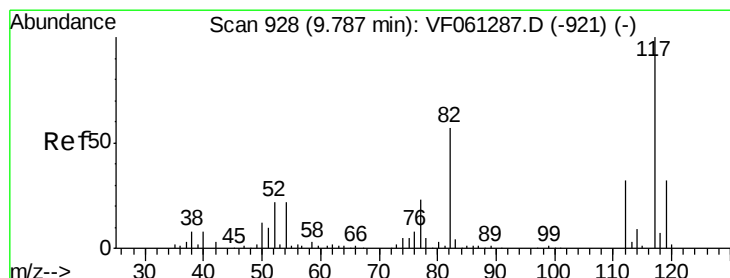


Abundance Ion 95.00 (94.70 to 95.70): VF061402.D (-1073) (-)

Ion 174.00 (173.70 to 174.70): VF061402.D (-1073) (-)

Ion 176.00 (175.70 to 176.70): VF061402.D (-1073) (-)

Time-->



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 9.76 min Scan# 926

Delta R.T. -0.03 min

Lab File: VF061402.D

Acq: 14 Jan 2019 21:23

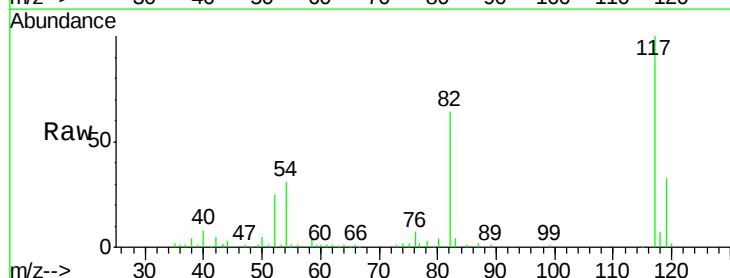
Tgt Ion: 117 Resp: 105629

Ion Ratio Lower Upper

117 100

82 63.9 45.3 67.9

119 32.6 25.4 38.0

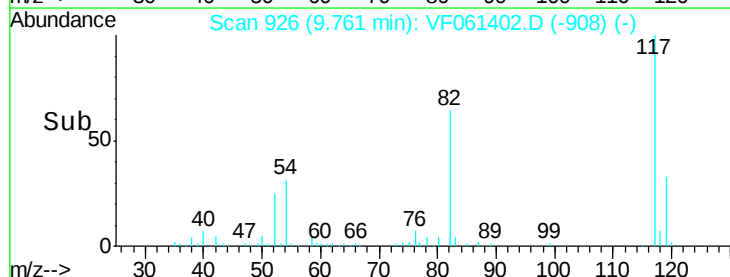


Abundance Ion 117.00 (116.70 to 117.70): VF061287.D (-921) (-)

Ion 82.00 (81.70 to 82.70): VF061287.D (-921) (-)

Ion 119.00 (118.70 to 119.70): VF061287.D (-921) (-)

Time-->

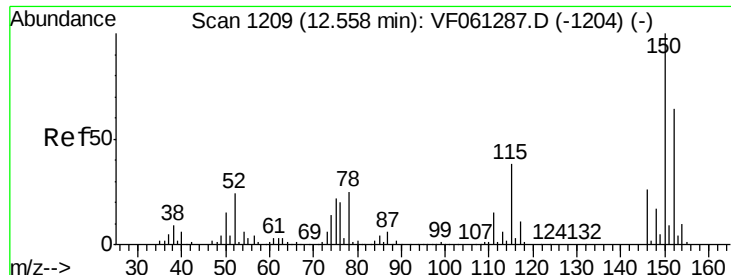


Abundance Ion 117.00 (116.70 to 117.70): VF061402.D (-908) (-)

Ion 82.00 (81.70 to 82.70): VF061402.D (-908) (-)

Ion 119.00 (118.70 to 119.70): VF061402.D (-908) (-)

Time-->



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.55 min Scan# 1209

Delta R.T. -0.01 min

Lab File: VF061402.D

Acq: 14 Jan 2019 21:23

Instrument :

MSVOA_F

ClientSampleId :

NB-07-011419

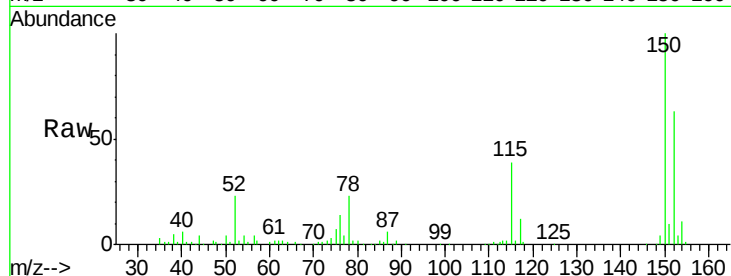
Tot Ion:152 Resp: 46845

Ion Ratio Lower Upper

152 100

115 61.7 29.6 88.9

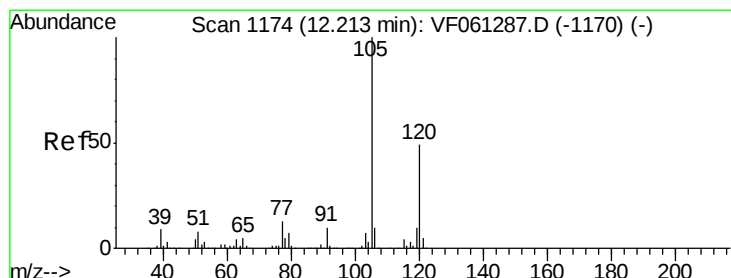
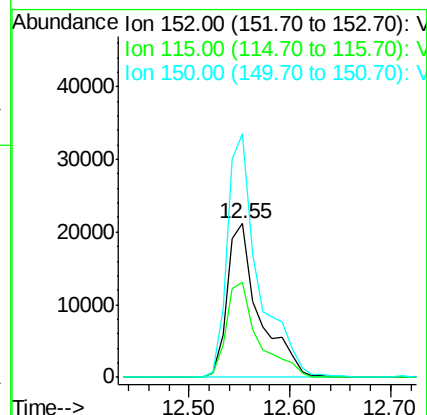
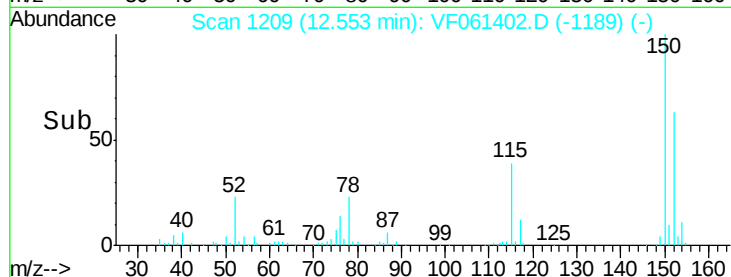
150 158.2 0.0 315.4



Abundance Ion 152.00 (151.70 to 152.70): V

Ion 115.00 (114.70 to 115.70): V

Ion 150.00 (149.70 to 150.70): V



#84

1,2,4-Trimethylbenzene

Concen: 1.160 ug/l

RT: 12.21 min Scan# 1174

Delta R.T. -0.01 min

Lab File: VF061402.D

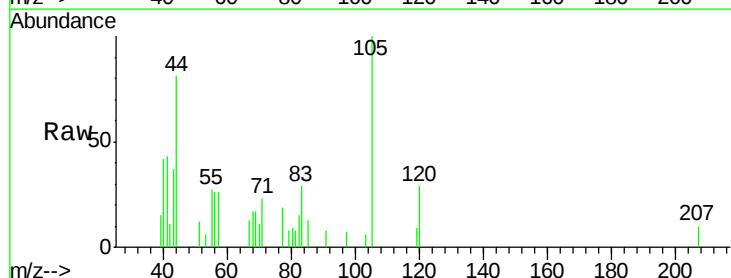
Acq: 14 Jan 2019 21:23

Tgt Ion:105 Resp: 3779

Ion Ratio Lower Upper

105 100

120 28.7 24.7 74.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

