

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF011119\
 Data File : VF061372.D
 Acq On : 11 Jan 2019 17:08
 Operator : VA/AP
 Sample : K1011-03
 Misc : 6.24g/5mL/MSVOA-F/SOIL
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 OR-02-011019-B

Quant Time: Jan 12 04:16:37 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

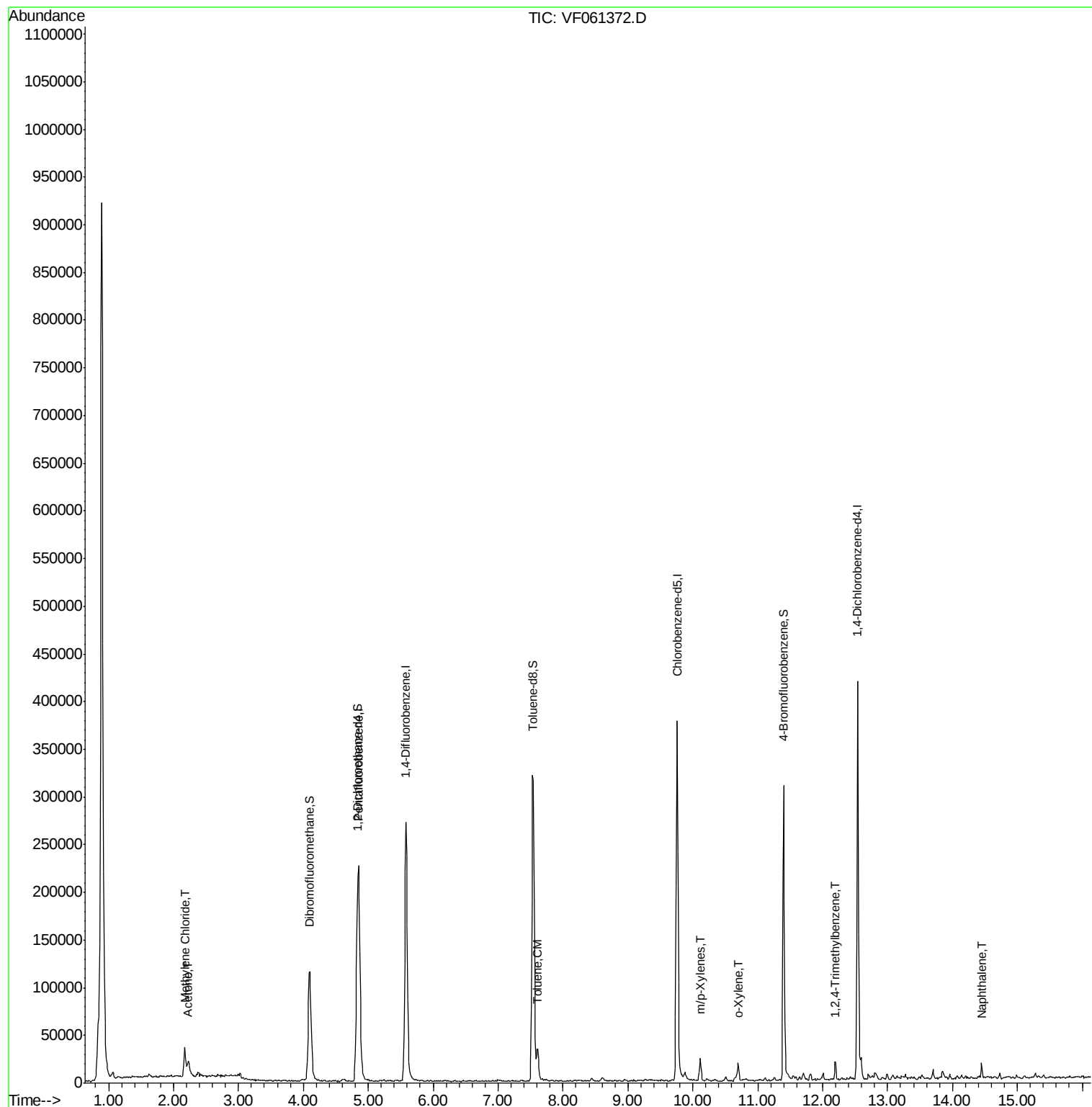
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.85	168	166219	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	5.58	114	308565	50.00	ug/l	-0.02
63) Chlorobenzene-d5	9.76	117	278659	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	12.54	152	113506	50.00	ug/l	-0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.83	65	96268	52.03	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	104.06%	
35) Dibromofluoromethane	4.10	113	115888	49.08	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	98.16%	
50) Toluene-d8	7.53	98	275899	39.49	ug/l	-0.03
Spiked Amount 50.000			Recovery	=	78.98%	
62) 4-Bromofluorobenzene	11.40	95	122245	40.07	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	80.14%	
Target Compounds						
16) Acetone	2.23	43	18799	43.680	ug/l	97
20) Methylene Chloride	2.18	84	15291	8.398	ug/l	92
52) Toluene	7.61	92	17505	3.237	ug/l	99
68) m/p-Xylenes	10.12	106	7625	2.015	ug/l	81
69) o-Xylene	10.70	106	5081	1.202	ug/l	80
84) 1,2,4-Trimethylbenzene	12.20	105	9655	1.224	ug/l	85
95) Naphthalene	14.45	128	9527	1.983	ug/l #	94

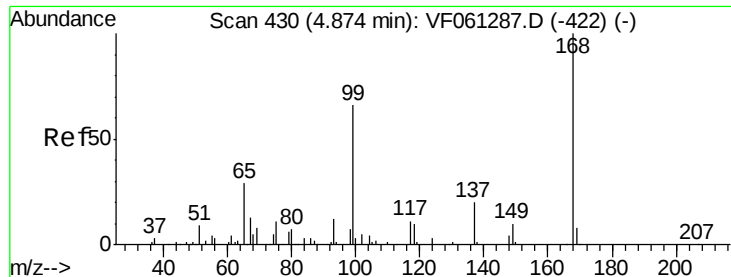
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF011119\
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.85 min Scan# 428

Delta R.T. -0.02 min

Lab File: VF061372.D

Acq: 11 Jan 2019 17:08

Instrument :

MSVOA_F

ClientSampleId :

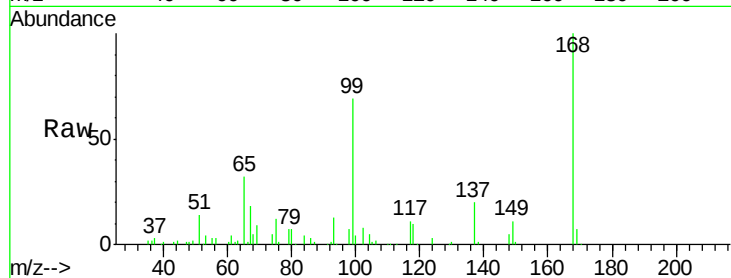
OR-02-011019-B

Tot Ion:168 Resp: 166219

Ion Ratio Lower Upper

168 100

99 68.8 52.7 79.1

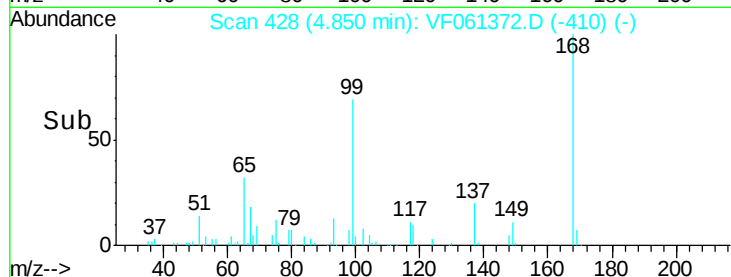


Abundance Ion 168.00 (167.70 to 168.70): VF0

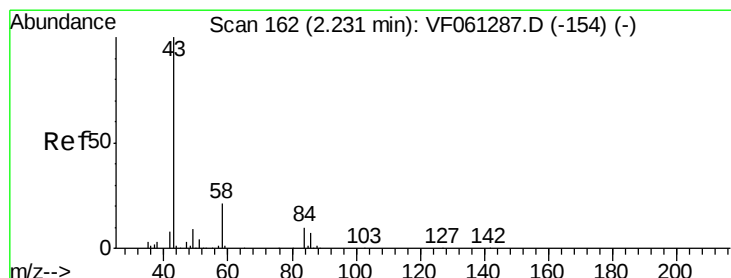
Ion 99.00 (98.70 to 99.70): VF0

4.85

Time-->



Time-->



#16

Acetone

Concen: 43.680 ug/l

RT: 2.23 min Scan# 162

Delta R.T. -0.00 min

Lab File: VF061372.D

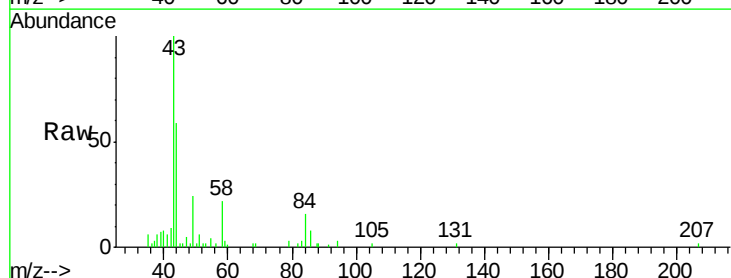
Acq: 11 Jan 2019 17:08

Tgt Ion: 43 Resp: 18799

Ion Ratio Lower Upper

43 100

58 22.2 16.6 25.0

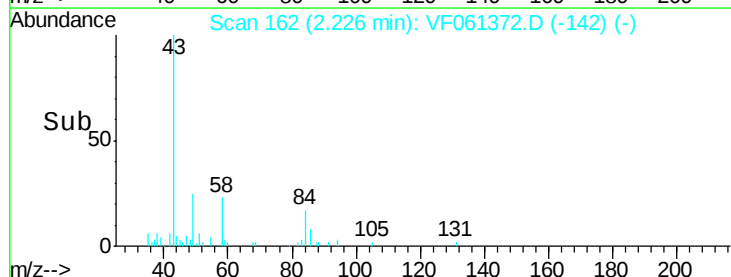


Abundance Ion 43.00 (42.70 to 43.70): VF0

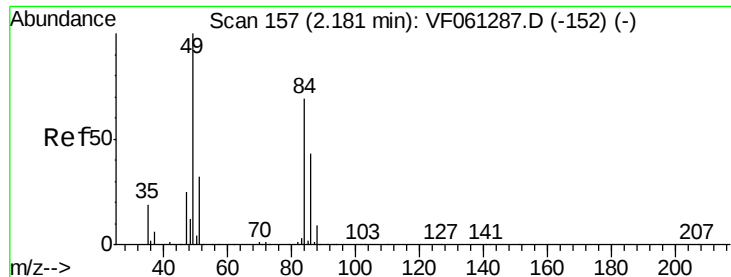
Ion 58.00 (57.70 to 58.70): VF0

2.23

Time-->



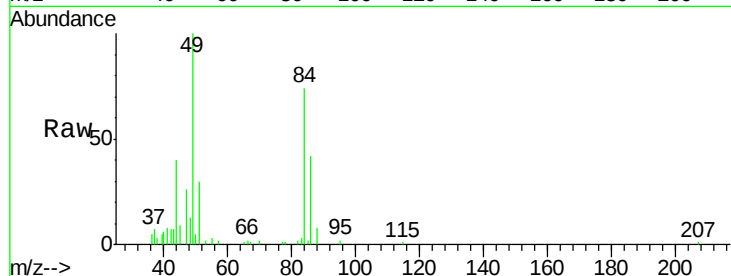
Time-->



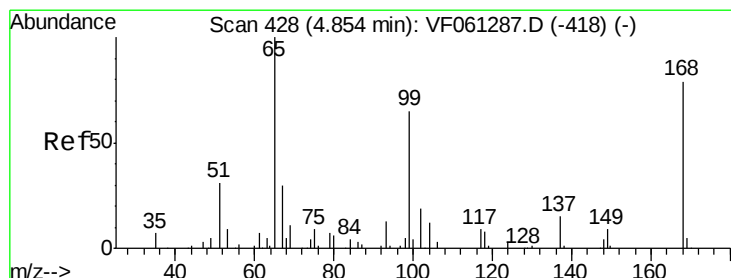
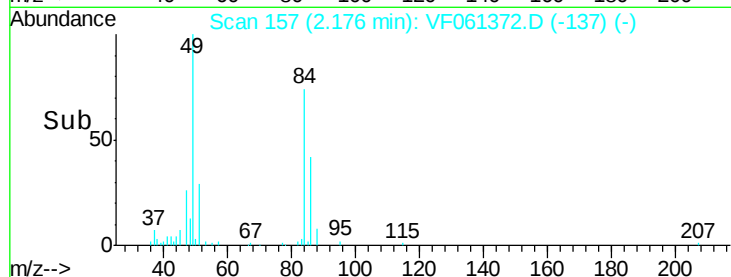
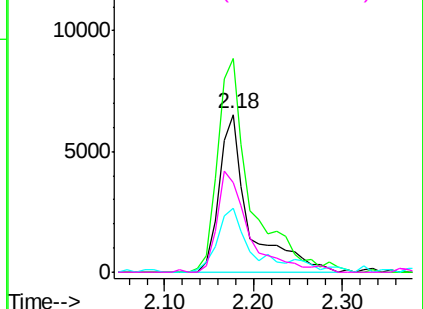
#20
Methvlene Chloride
Concen: 8.398 ug/l
RT: 2.18 min Scan# 157
Delta R.T. -0.00 min
Lab File: VF061372.D
Acq: 11 Jan 2019 17:08

Instrument :
MSVOA_F
ClientSampleId :
OR-02-011019-B

Tot Ion: 84 Resp: 15291
Ion Ratio Lower Upper
84 100
49 135.3 116.6 175.0
51 40.8 37.7 56.5
86 56.8 49.8 74.8

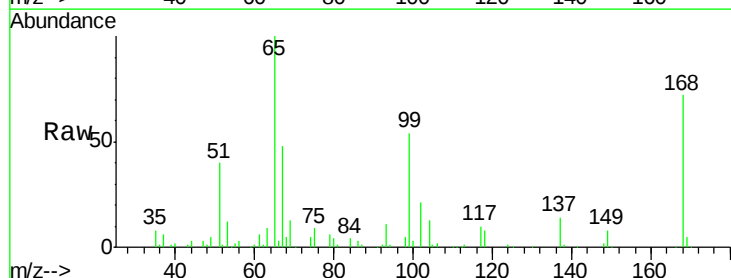


Abundance Ion 84.00 (83.70 to 84.70): VF0
Ion 49.00 (48.70 to 49.70): VF0
Ion 51.00 (50.70 to 51.70): VF0
Ion 86.00 (85.70 to 86.70): VF0

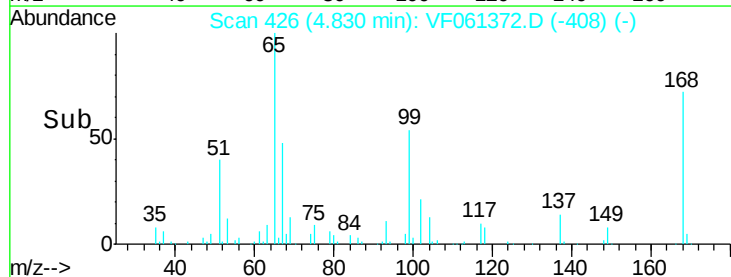
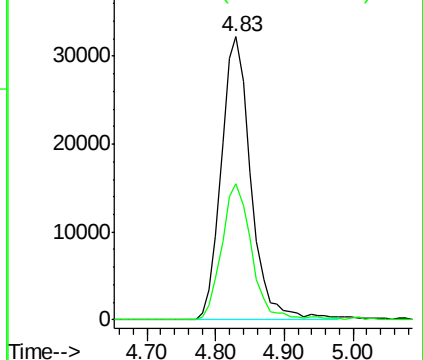


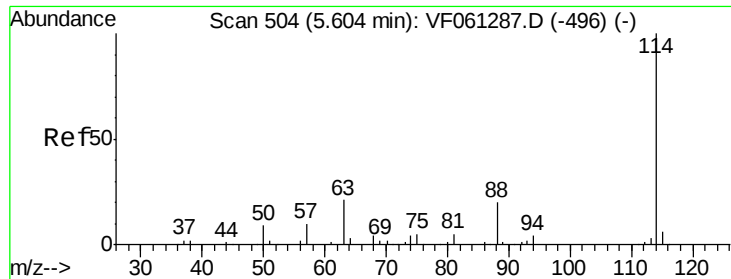
#33
1,2-Dichloroethane-d4
Concen: 52.034 ug/l
RT: 4.83 min Scan# 426
Delta R.T. -0.02 min
Lab File: VF061372.D
Acq: 11 Jan 2019 17:08

Tgt Ion: 65 Resp: 96268
Ion Ratio Lower Upper
65 100
67 48.0 0.0 98.2



Abundance Ion 65.00 (64.70 to 65.70): VF0
Ion 67.00 (66.70 to 67.70): VF0

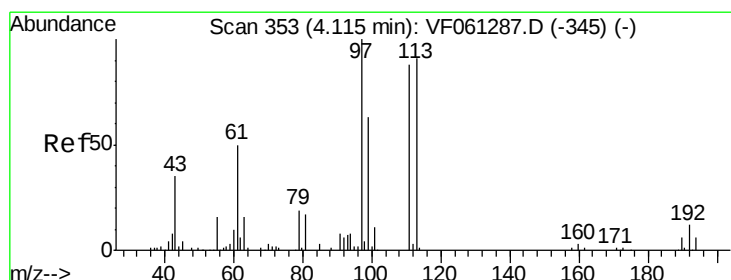
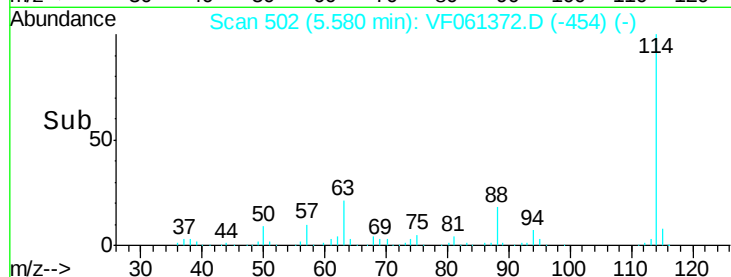
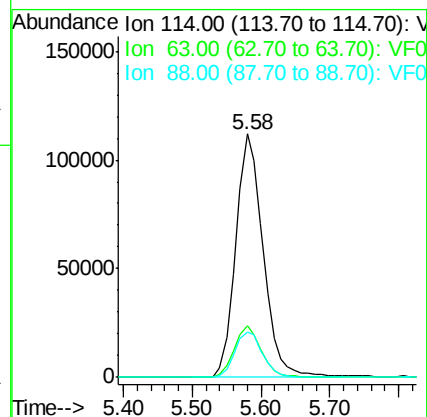
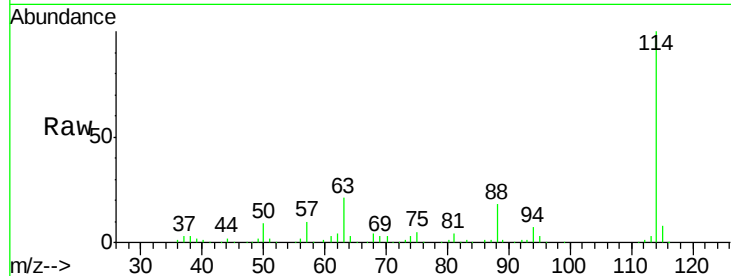




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.58 min Scan# 502
 Delta R.T. -0.02 min
 Lab File: VF061372.D
 Acq: 11 Jan 2019 17:08

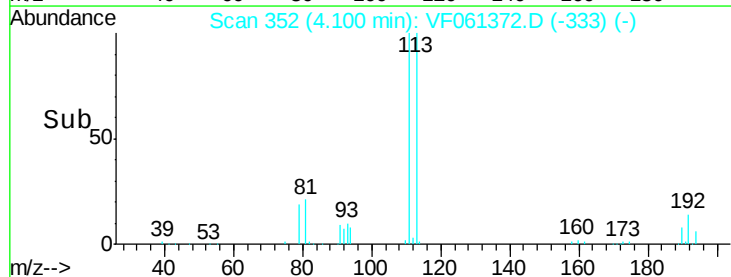
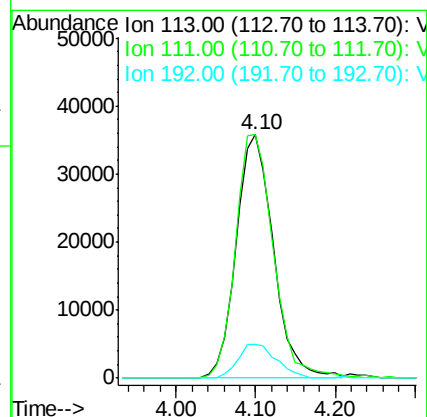
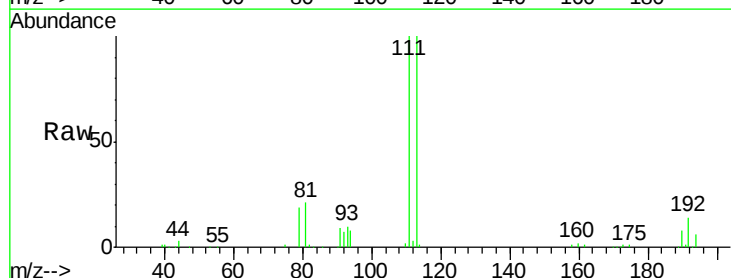
Instrument :
 MSVOA_F
 ClientSampleId :
 OR-02-011019-B

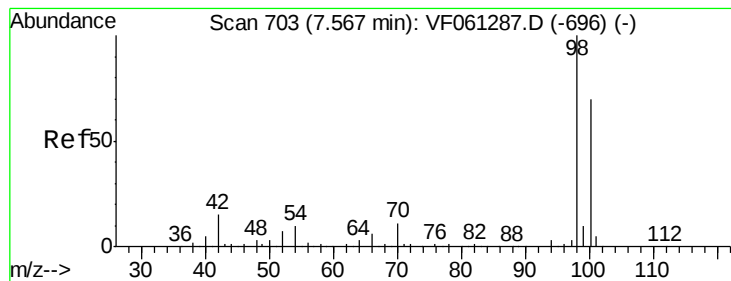
Tot Ion:114 Resp: 308565
 Ion Ratio Lower Upper
 114 100
 63 21.1 0.0 42.8
 88 18.4 0.0 40.0



#35
 Dibromofluoromethane
 Concen: 49.084 ug/l
 RT: 4.10 min Scan# 352
 Delta R.T. -0.01 min
 Lab File: VF061372.D
 Acq: 11 Jan 2019 17:08

Tgt Ion:113 Resp: 115888
 Ion Ratio Lower Upper
 113 100
 111 99.8 78.0 117.0
 192 14.4 10.6 16.0





#50

Toluene-d8

Concen: 39.488 ug/l

RT: 7.53 min Scan# 700

Delta R.T. -0.03 min

Lab File: VF061372.D

Acq: 11 Jan 2019 17:08

Instrument :

MSVOA_F

ClientSampleId :

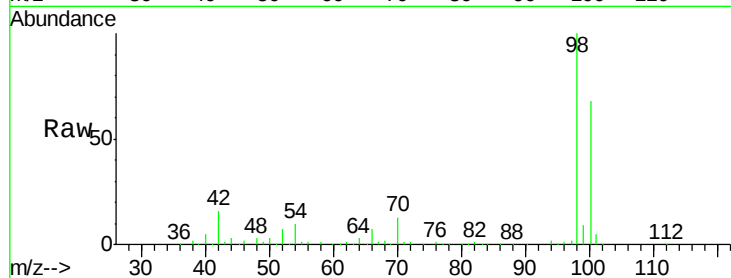
OR-02-011019-B

Tot Ion: 98 Resp: 275899

Ion Ratio Lower Upper

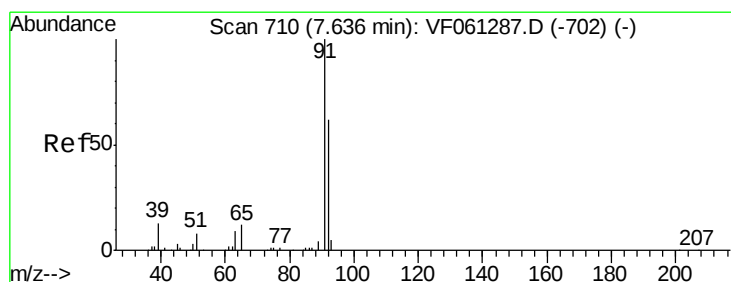
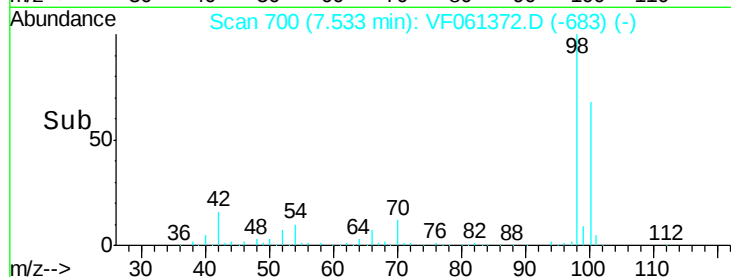
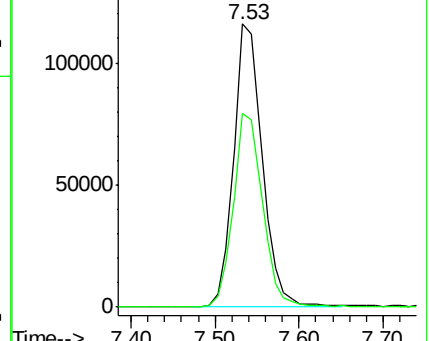
98 100

100 68.5 55.6 83.4



Abundance Ion 98.00 (97.70 to 98.70): VF0

Ion 100.00 (99.70 to 100.70): VF0



#52

Toluene

Concen: 3.237 ug/l

RT: 7.61 min Scan# 708

Delta R.T. -0.02 min

Lab File: VF061372.D

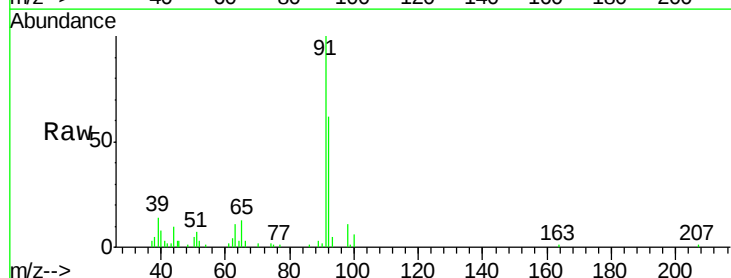
Acq: 11 Jan 2019 17:08

Tgt Ion: 92 Resp: 17505

Ion Ratio Lower Upper

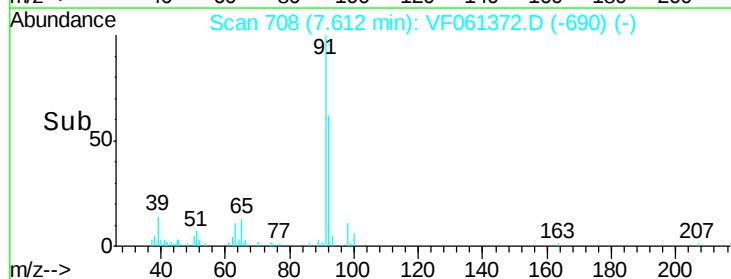
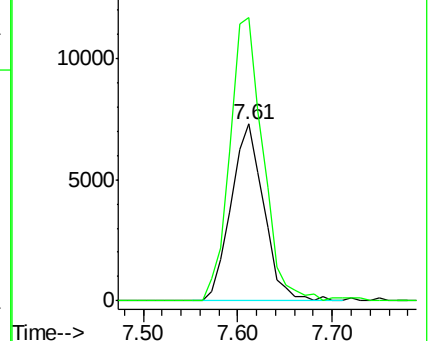
92 100

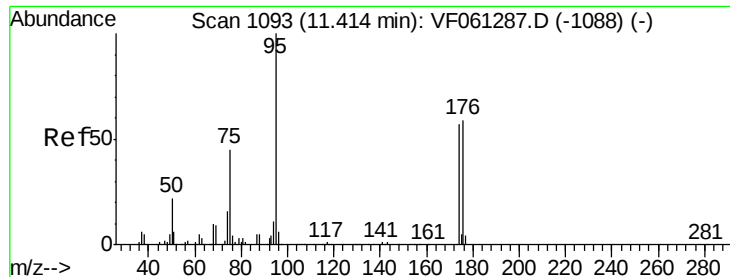
91 160.2 129.2 193.8



Abundance Ion 92.00 (91.70 to 92.70): VF0

Ion 91.00 (90.70 to 91.70): VF0





#62

4-Bromofluorobenzene

Concen: 40.069 ug/l

RT: 11.40 min Scan# 1092

Delta R.T. -0.01 min

Lab File: VF061372.D

Acq: 11 Jan 2019 17:08

Instrument :

MSVOA_F

ClientSampleId :

OR-02-011019-B

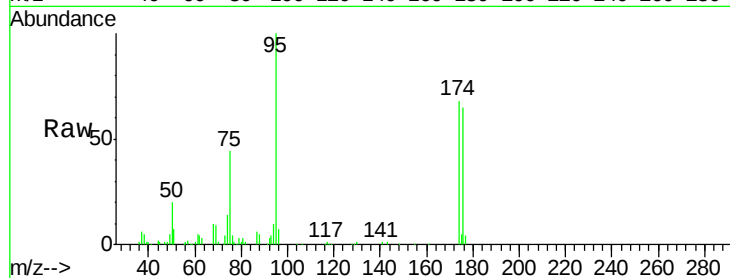
Tot Ion: 95 Resp: 122245

Ion Ratio Lower Upper

95 100

174 68.3 0.0 114.2

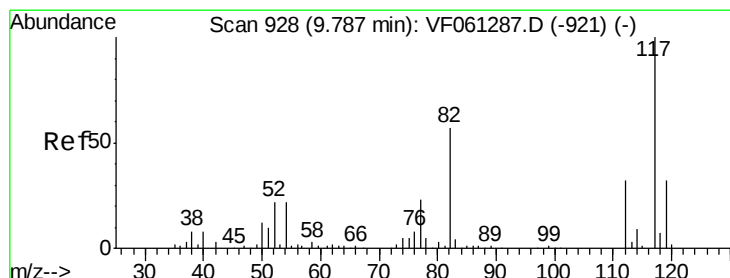
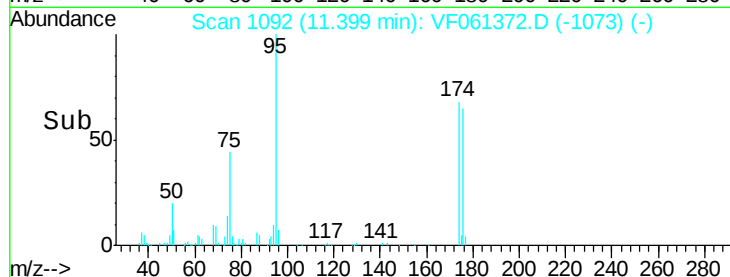
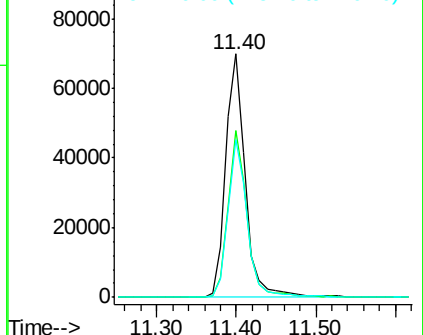
176 65.1 0.0 117.8



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) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 9.76 min Scan# 926

Delta R.T. -0.02 min

Lab File: VF061372.D

Acq: 11 Jan 2019 17:08

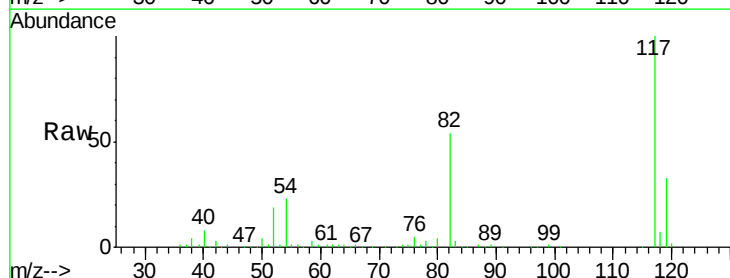
Tgt Ion: 117 Resp: 278659

Ion Ratio Lower Upper

117 100

82 54.3 45.3 67.9

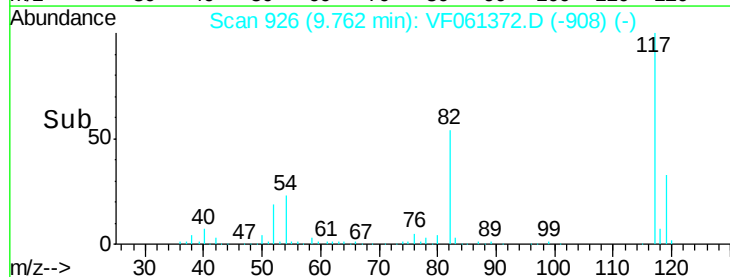
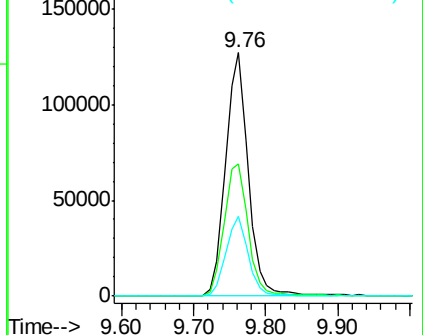
119 32.7 25.4 38.0

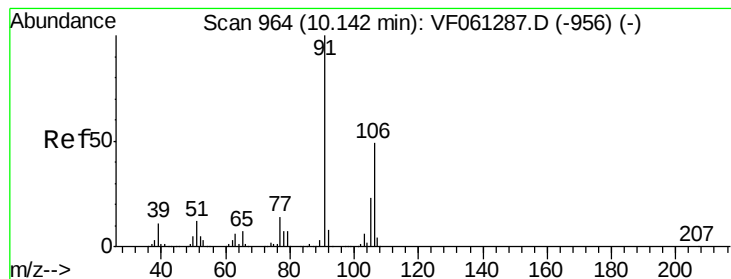


Abundance Ion 117.00 (116.70 to 117.70): VF061287.D (-921) (-)

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

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





#68

m/p-Xylenes

Concen: 2.015 ug/l

RT: 10.12 min Scan# 962

Delta R.T. -0.02 min

Lab File: VF061372.D

Acq: 11 Jan 2019 17:08

Instrument :

MSVOA_F

ClientSampleId :

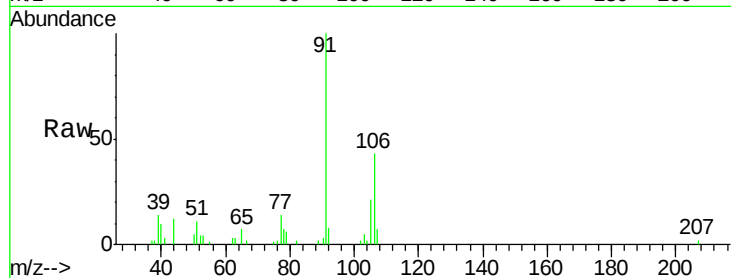
OR-02-011019-B

Tot Ion:106 Resp: 7625

Ion Ratio Lower Upper

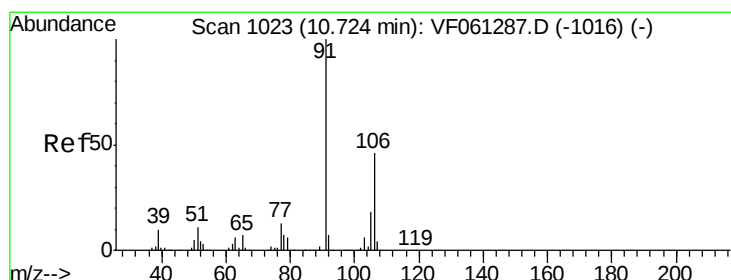
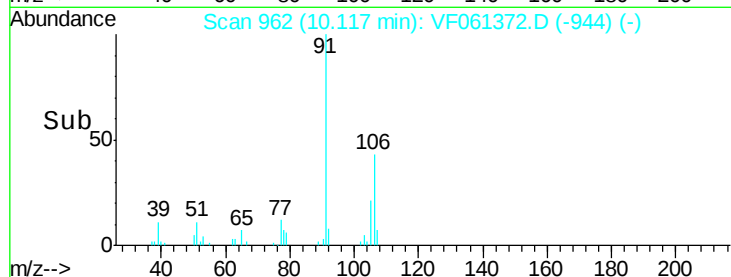
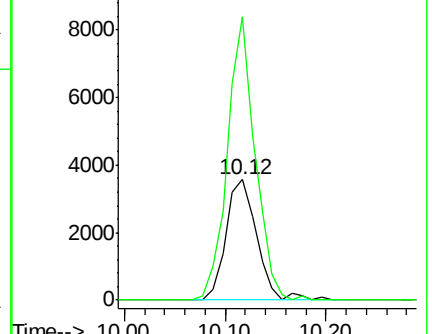
106 100

91 235.1 165.0 247.6



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VF0



#69

o-Xylene

Concen: 1.202 ug/l

RT: 10.70 min Scan# 1021

Delta R.T. -0.02 min

Lab File: VF061372.D

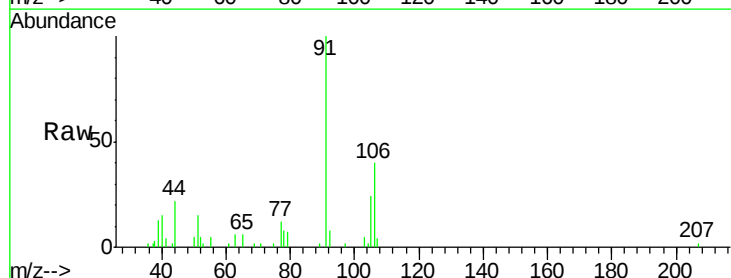
Acq: 11 Jan 2019 17:08

Tgt Ion:106 Resp: 5081

Ion Ratio Lower Upper

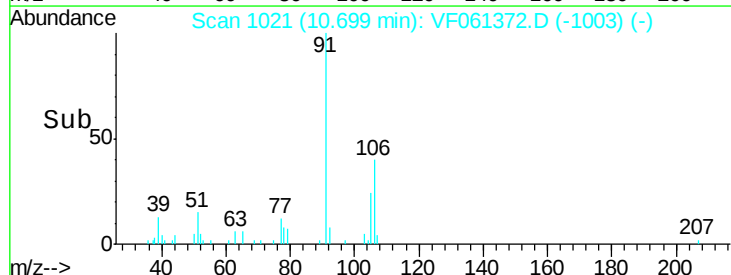
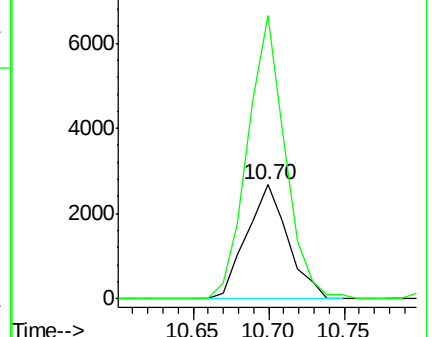
106 100

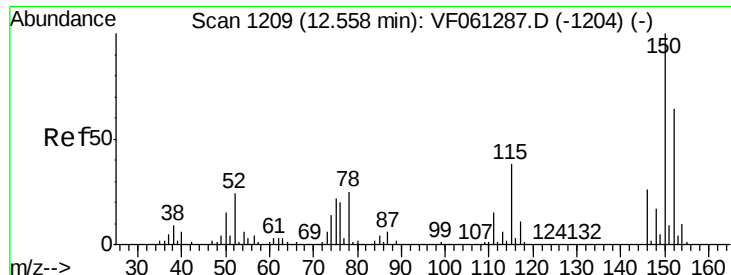
91 247.7 108.1 324.4



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VF0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.54 min Scan# 1208

Delta R.T. -0.01 min

Lab File: VF061372.D

Acq: 11 Jan 2019 17:08

Instrument :

MSVOA_F

ClientSampleId :

OR-02-011019-B

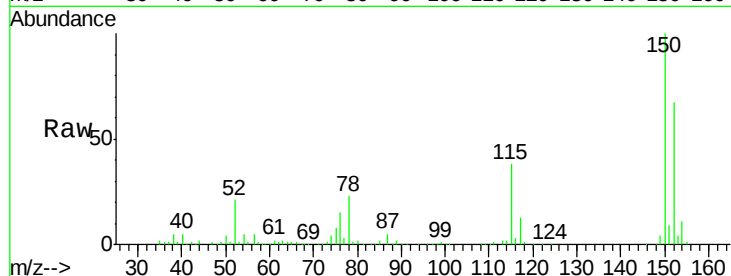
Tot Ion:152 Resp: 113506

Ion Ratio Lower Upper

152 100

115 56.8 29.6 88.9

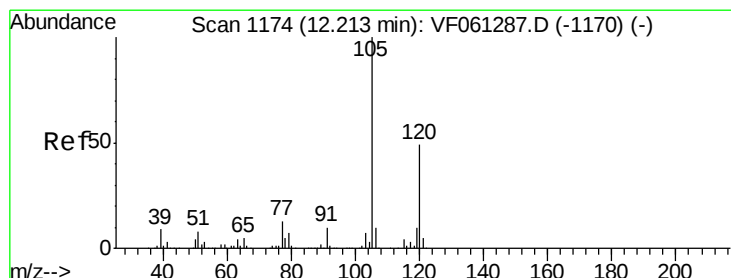
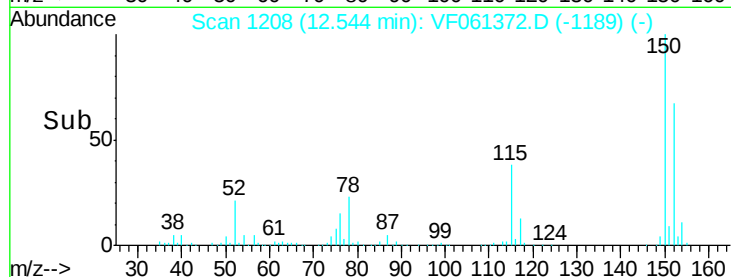
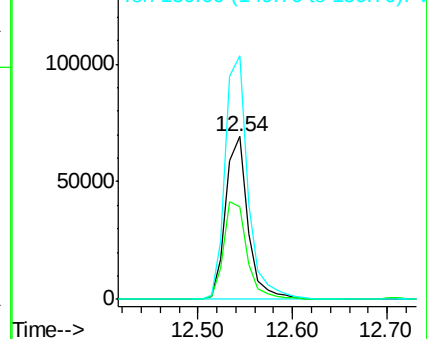
150 149.7 0.0 315.4



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: 1.224 ug/l

RT: 12.20 min Scan# 1173

Delta R.T. -0.01 min

Lab File: VF061372.D

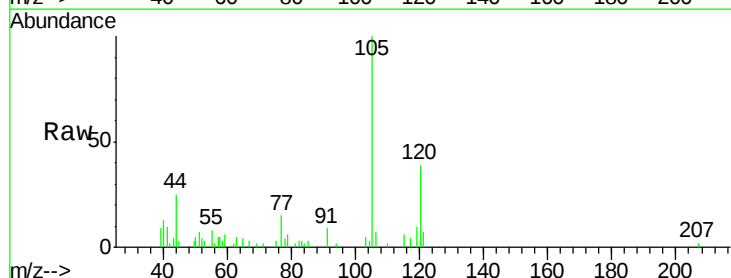
Acq: 11 Jan 2019 17:08

Tgt Ion:105 Resp: 9655

Ion Ratio Lower Upper

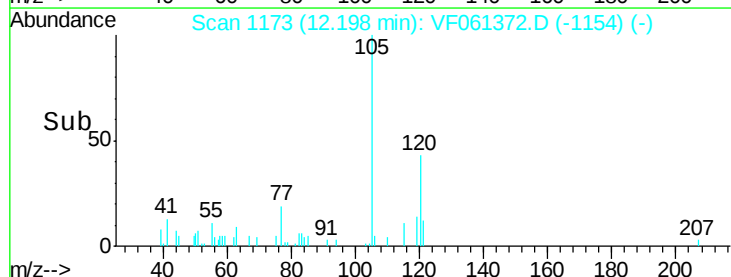
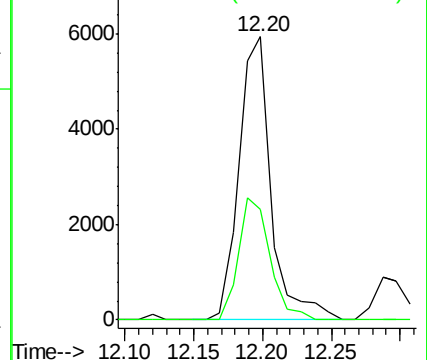
105 100

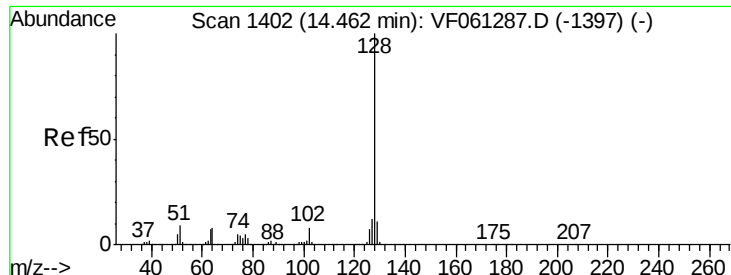
120 39.0 24.7 74.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

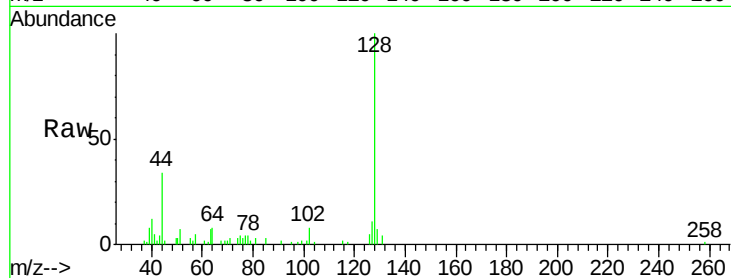




#95
Naphthalene
Concen: 1.983 ug/l
RT: 14.45 min Scan# 1401
Delta R.T. -0.01 min
Lab File: VF061372.D
Acq: 11 Jan 2019 17:08

Instrument :
MSVOA_F
ClientSampleId :
OR-02-011019-B

Tot Ion:128 Resp: 9527
Ion Ratio Lower Upper
128 100
127 11.1 9.4 14.0
129 6.8 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

