

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF021219\
 Data File : VF061619.D
 Acq On : 12 Feb 2019 20:05
 Operator : VA/AP
 Sample : K1343-25
 Misc : 5.67g/5mL/MSVOA-F/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 JC-02-021119-M

Quant Time: Feb 13 03:29:25 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F011519S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 16 04:51:59 2019
 Response via : Initial Calibration

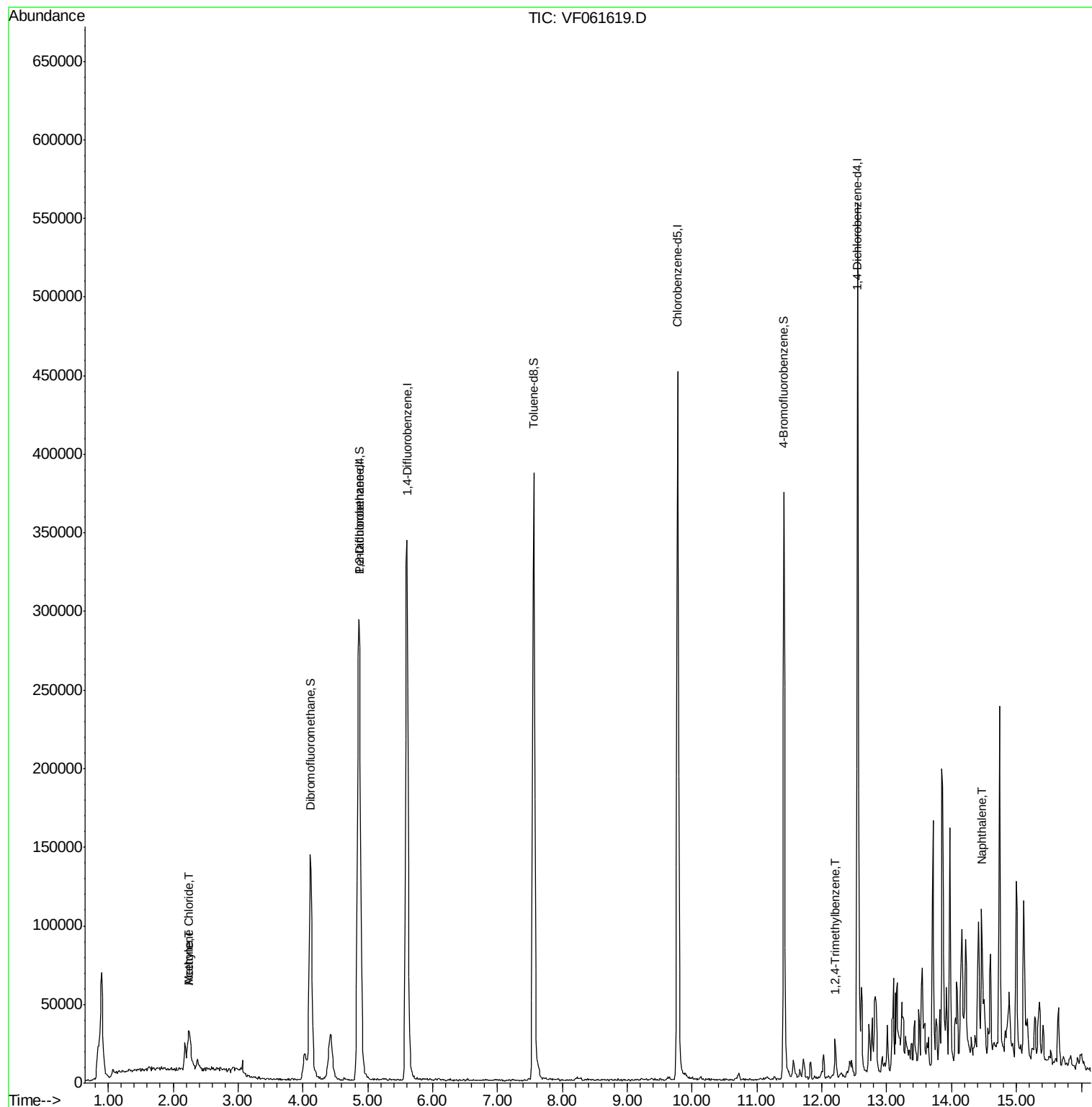
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.87	168	205868	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	5.60	114	376341	50.00	ug/l	0.01
63) Chlorobenzene-d5	9.78	117	312998	50.00	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	12.56	152	141864	50.00	ug/l	0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.85	65	132363	52.08	ug/l	0.02
Spiked Amount 50.000			Recovery	=	104.16%	
35) Dibromofluoromethane	4.11	113	139206	46.88	ug/l	0.01
Spiked Amount 50.000			Recovery	=	93.76%	
50) Toluene-d8	7.56	98	328614	40.39	ug/l	0.01
Spiked Amount 50.000			Recovery	=	80.78%	
62) 4-Bromofluorobenzene	11.41	95	140077	36.85	ug/l	0.01
Spiked Amount 50.000			Recovery	=	73.70%	
Target Compounds						
16) Acetone	2.24	43	17252	33.834	ug/l	93
20) Methylene Chloride	2.25	84	19932m	10.114	ug/l	
84) 1,2,4-Trimethylbenzene	12.20	105	9658	1.007	ug/l	90
95) Naphthalene	14.46	128	11488	1.894	ug/l #	63

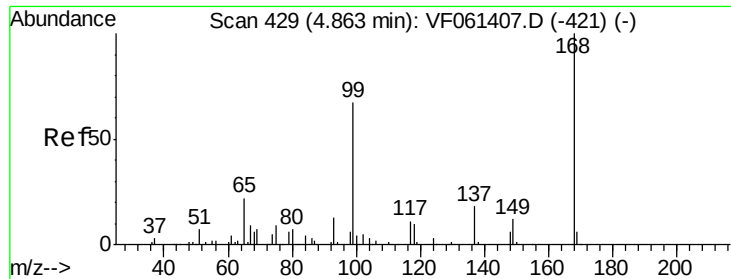
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF021219\
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Quant Title : SW846 8260
QLast Update : Wed Jan 16 04:51:59 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.87 min Scan# 430

Delta R.T. 0.01 min

Lab File: VF061619.D

Acq: 12 Feb 2019 20:05

Instrument :

MSVOA_F

ClientSampleId :

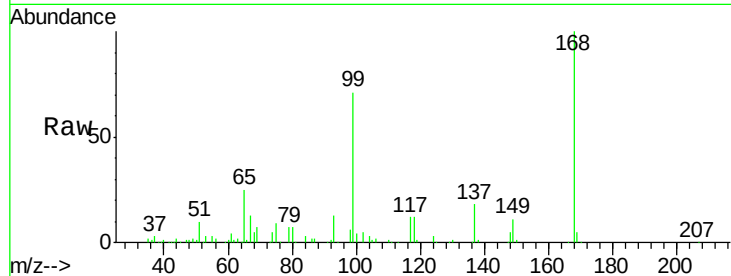
JC-02-021119-M

Tot Ion:168 Resp: 205868

Ion Ratio Lower Upper

168 100

99 71.0 53.5 80.3



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

4.87

80000

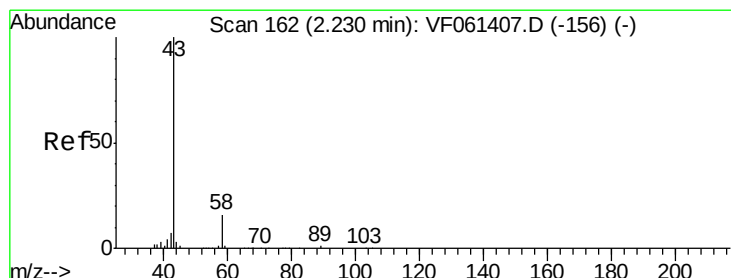
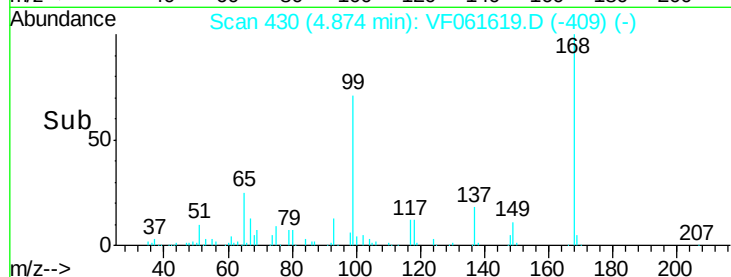
60000

40000

20000

0

Time-->



#16

Acetone

Concen: 33.834 ug/l

RT: 2.24 min Scan# 163

Delta R.T. 0.01 min

Lab File: VF061619.D

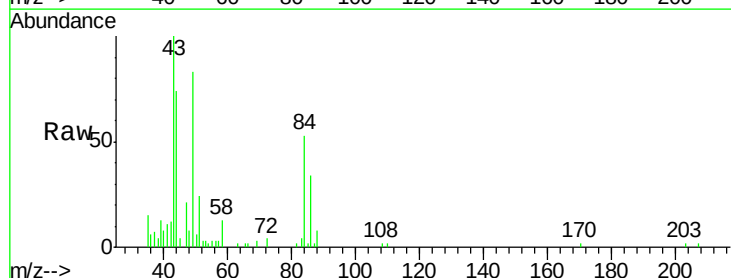
Acq: 12 Feb 2019 20:05

Tgt Ion: 43 Resp: 17252

Ion Ratio Lower Upper

43 100

58 13.4 13.3 19.9



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0

2.24

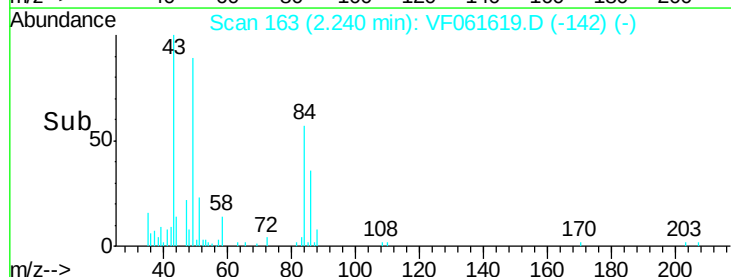
6000

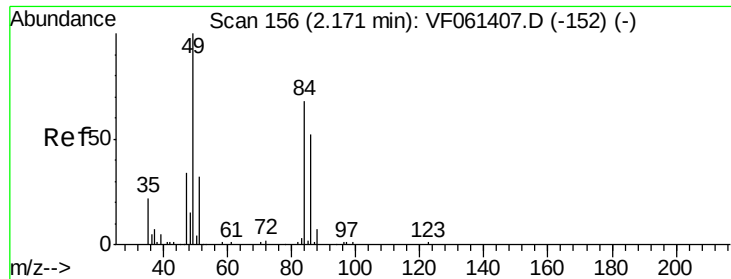
4000

2000

0

Time-->

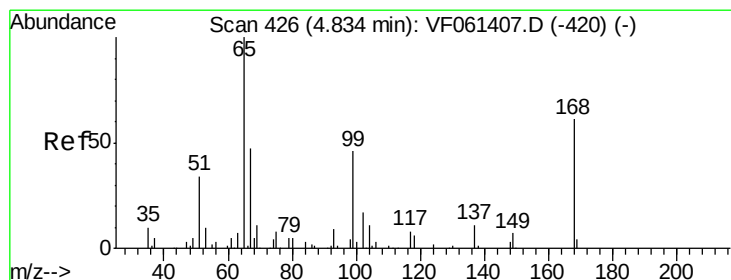
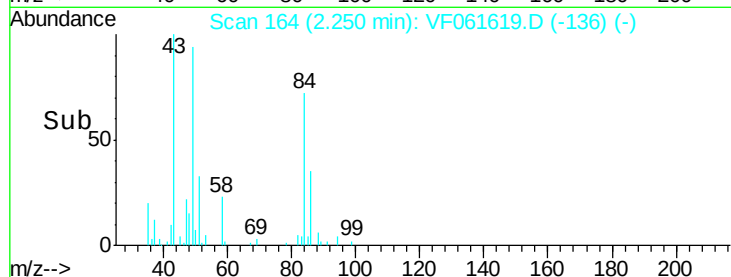
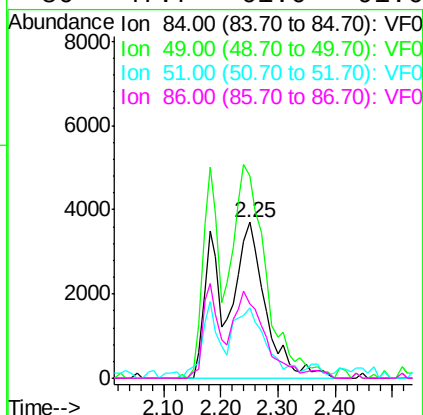
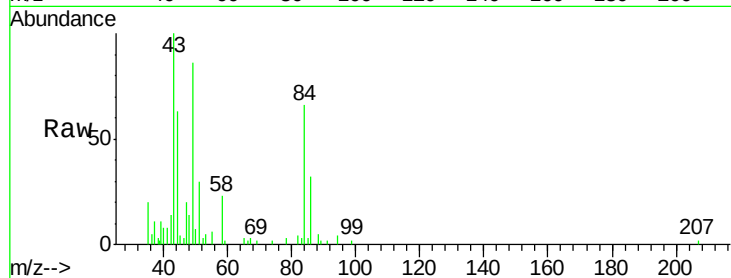




#20
Methylene Chloride
Concen: 10.114 ug/l m
RT: 2.25 min Scan# 164
Delta R.T. 0.08 min
Lab File: VF061619.D
Acq: 12 Feb 2019 20:05

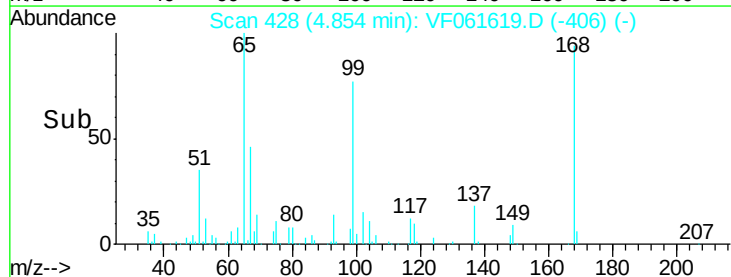
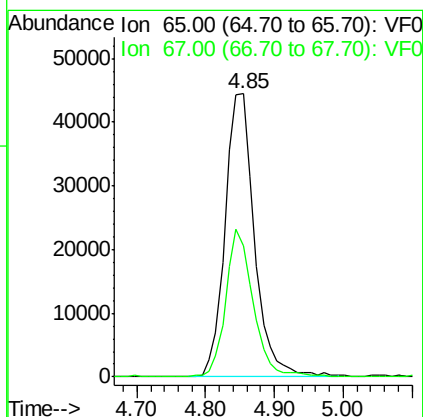
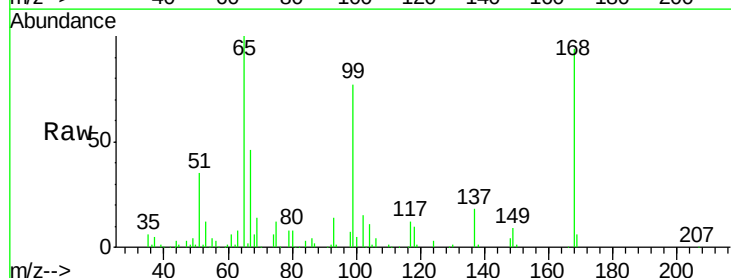
Instrument :
MSVOA_F
ClientSampleId :
JC-02-021119-M

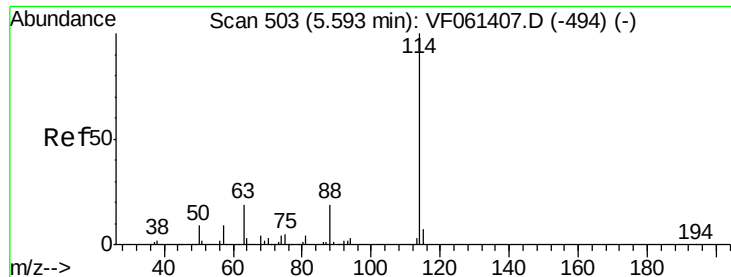
Tot Ion: 84 Resp: 19932
Ion Ratio Lower Upper
84 100
49 129.8 120.0 180.0
51 45.3 38.6 58.0
86 47.7 61.0 91.6#



#33
1,2-Dichloroethane-d4
Concen: 52.076 ug/l
RT: 4.85 min Scan# 428
Delta R.T. 0.02 min
Lab File: VF061619.D
Acq: 12 Feb 2019 20:05

Tgt Ion: 65 Resp: 132363
Ion Ratio Lower Upper
65 100
67 46.2 0.0 99.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.60 min Scan# 504

Delta R.T. 0.01 min

Lab File: VF061619.D

Acq: 12 Feb 2019 20:05

Instrument :

MSVOA_F

ClientSampleId :

JC-02-021119-M

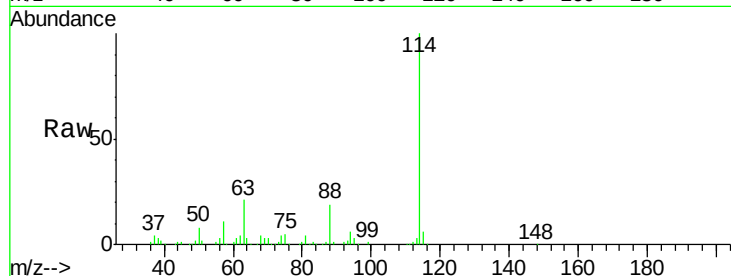
Tot Ion:114 Resp: 376341

Ion Ratio Lower Upper

114 100

63 21.1 0.0 39.0

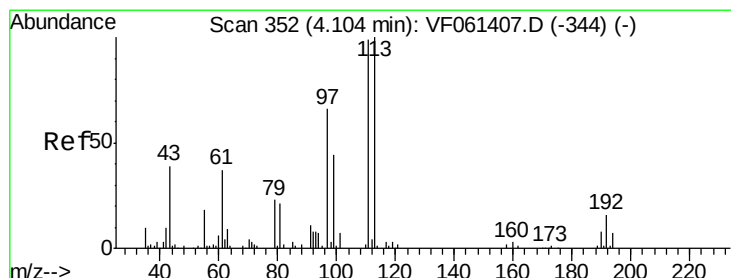
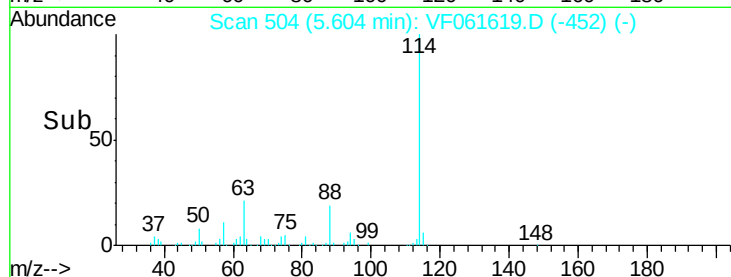
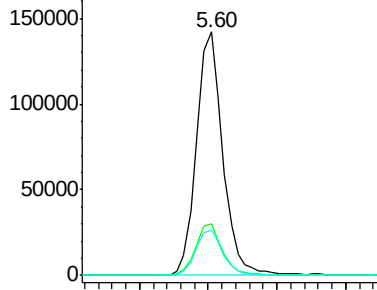
88 18.5 0.0 37.4



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: 46.876 ug/l

RT: 4.11 min Scan# 353

Delta R.T. 0.01 min

Lab File: VF061619.D

Acq: 12 Feb 2019 20:05

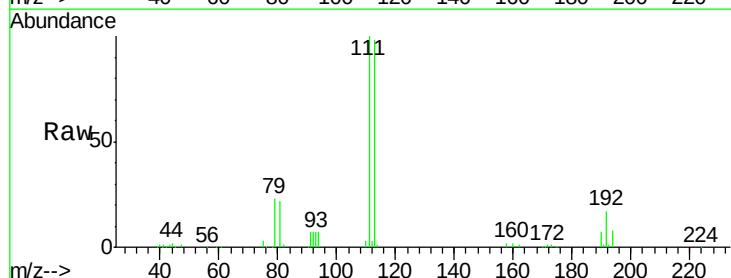
Tgt Ion:113 Resp: 139206

Ion Ratio Lower Upper

113 100

111 102.0 79.4 119.0

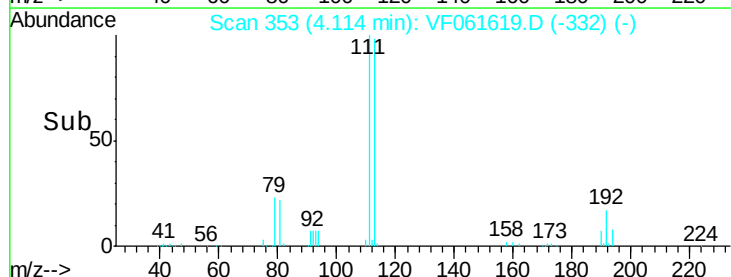
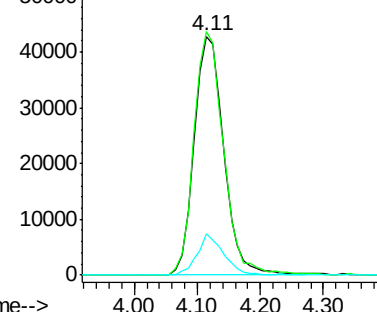
192 17.6 12.4 18.6

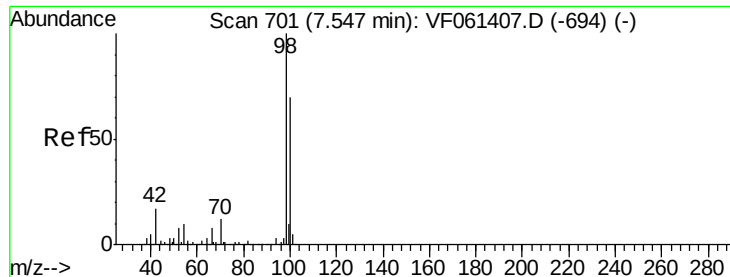


Abundance Ion 113.00 (112.70 to 113.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 192.00 (191.70 to 192.70): V





#50

Toluene-d8

Concen: 40.389 ug/l

RT: 7.56 min Scan# 702

Delta R.T. 0.01 min

Lab File: VF061619.D

Acq: 12 Feb 2019 20:05

Instrument :

MSVOA_F

ClientSampleId :

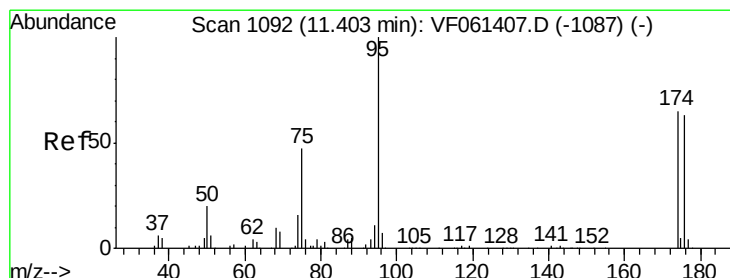
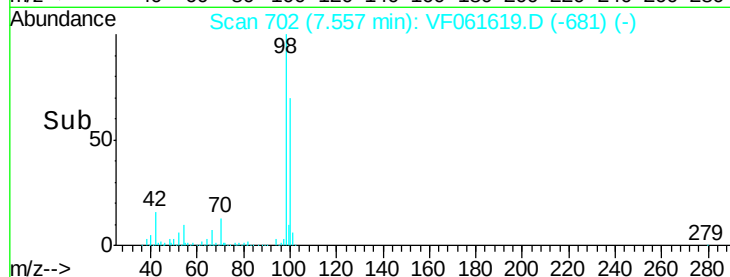
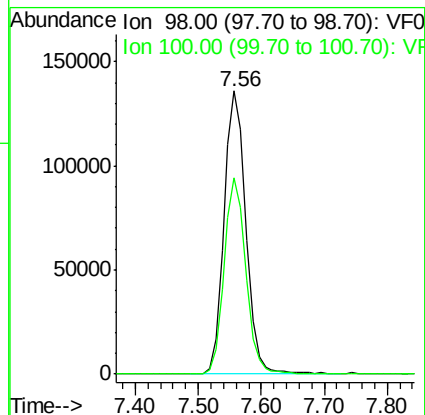
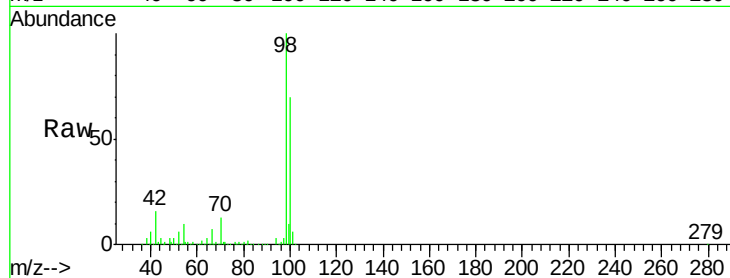
JC-02-021119-M

Tot Ion: 98 Resp: 328614

Ion Ratio Lower Upper

98 100

100 69.6 55.6 83.4



#62

4-Bromofluorobenzene

Concen: 36.848 ug/l

RT: 11.41 min Scan# 1093

Delta R.T. 0.01 min

Lab File: VF061619.D

Acq: 12 Feb 2019 20:05

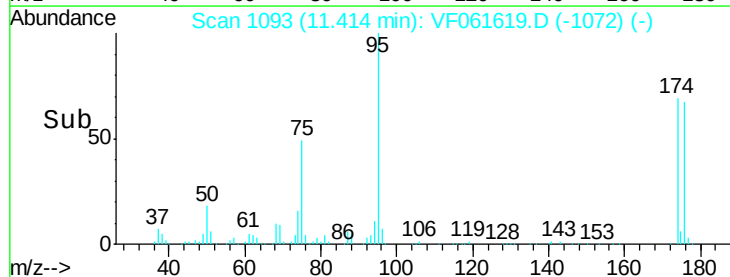
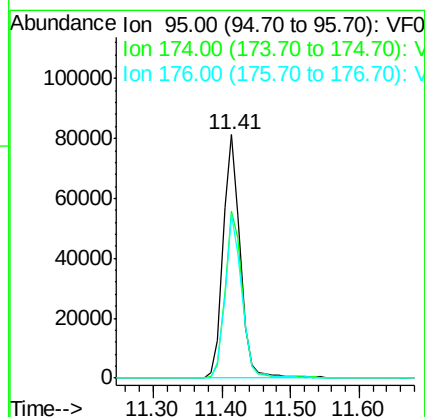
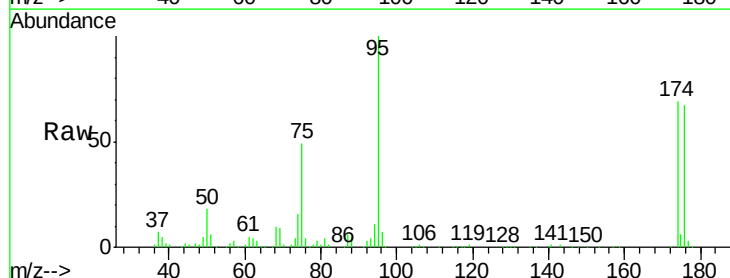
Tgt Ion: 95 Resp: 140077

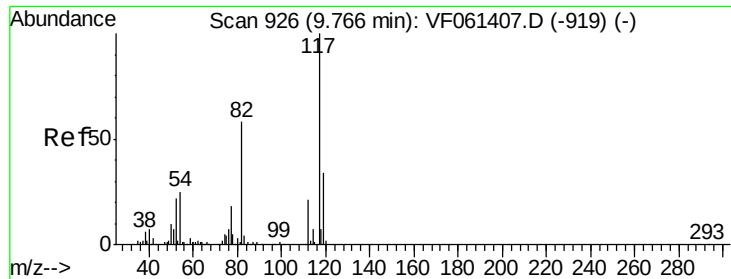
Ion Ratio Lower Upper

95 100

174 68.7 0.0 130.4

176 67.4 0.0 126.2

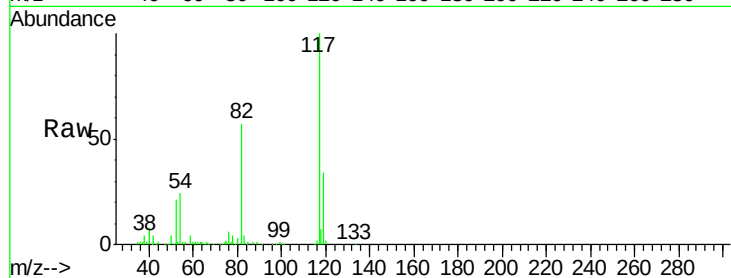




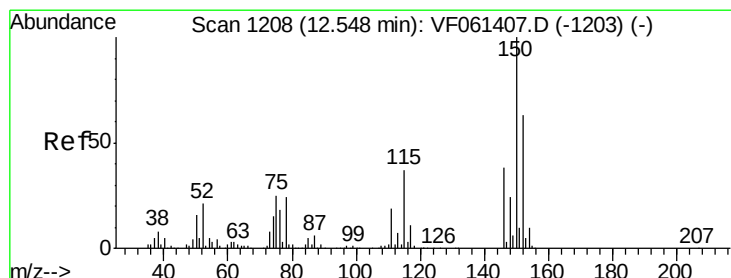
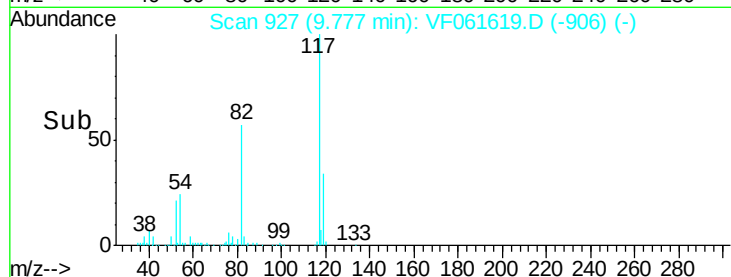
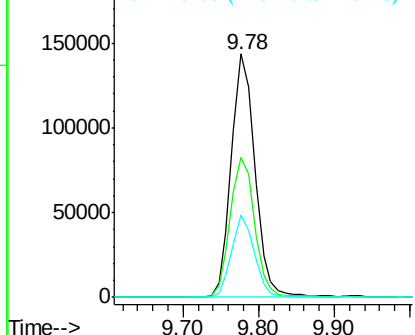
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.78 min Scan# 927
Delta R.T. 0.01 min
Lab File: VF061619.D
Acq: 12 Feb 2019 20:05

Instrument :
MSVOA_F
ClientSampleId :
JC-02-021119-M

Tot Ion	Ratio	Lower	Upper
117	100		
82	57.5	46.4	69.6
119	33.7	27.2	40.8

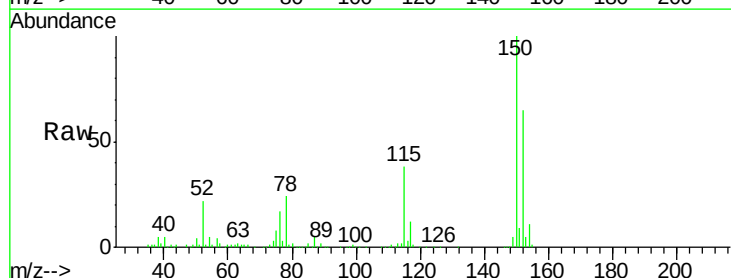


Abundance Ion 117.00 (116.70 to 117.70): V
Ion 82.00 (81.70 to 82.70): V
Ion 119.00 (118.70 to 119.70): V

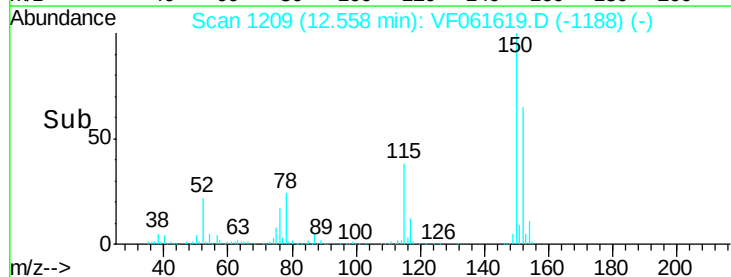
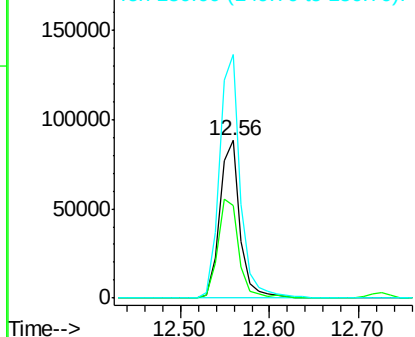


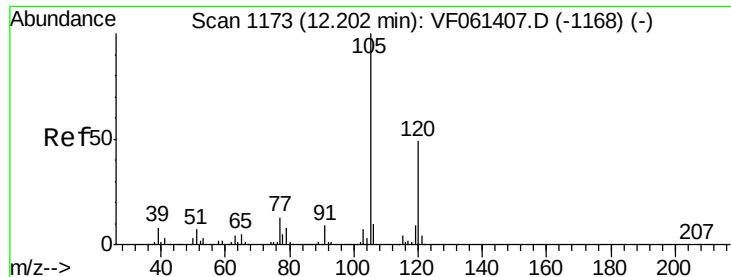
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.56 min Scan# 1209
Delta R.T. 0.01 min
Lab File: VF061619.D
Acq: 12 Feb 2019 20:05

Tgt Ion	Ratio	Lower	Upper
152	100		
115	59.1	30.0	90.0
150	154.8	0.0	321.4



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

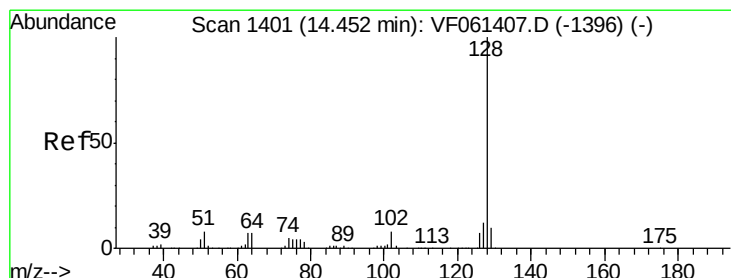
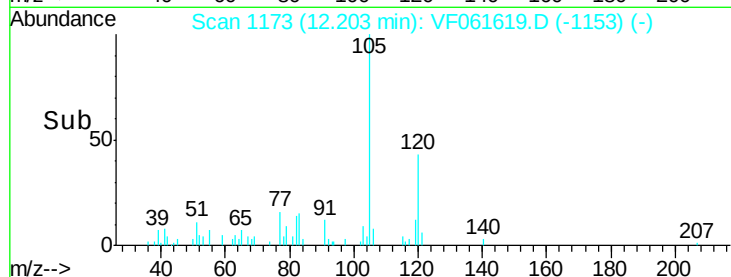
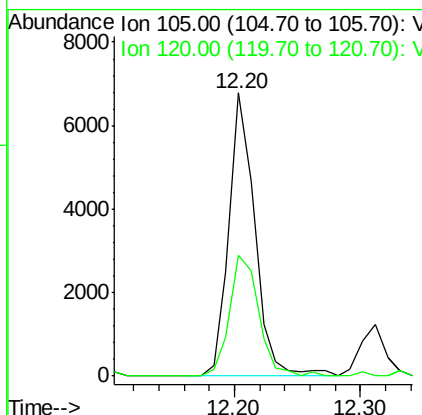
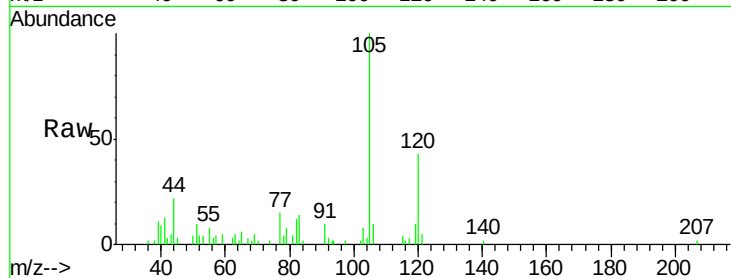




#84
 1,2,4-Trimethylbenzene
 Concen: 1.007 ug/l
 RT: 12.20 min Scan# 1173
 Delta R.T. 0.00 min
 Lab File: VF061619.D
 Acq: 12 Feb 2019 20:05

Instrument :
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 JC-02-021119-M

Tot Ion:105 Resp: 9658
 Ion Ratio Lower Upper
 105 100
 120 42.8 24.9 74.6



#95
 Naphthalene
 Concen: 1.894 ug/l
 RT: 14.46 min Scan# 1402
 Delta R.T. 0.01 min
 Lab File: VF061619.D
 Acq: 12 Feb 2019 20:05

Tgt Ion:128 Resp: 11488
 Ion Ratio Lower Upper
 128 100
 127 18.6 9.5 14.3#
 129 33.0 8.4 12.6#

