

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF021219\
 Data File : VF061609.D
 Acq On : 12 Feb 2019 15:21
 Operator : VA/AP
 Sample : K1343-05
 Misc : 7.34g/5mL/MSVOA-F/SOIL
 ALS Vial : 8 Sample Multiplier: 1

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

Quant Time: Feb 13 03:10:27 2019
 Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F011519S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 16 04:51:59 2019
 Response via : Initial Calibration

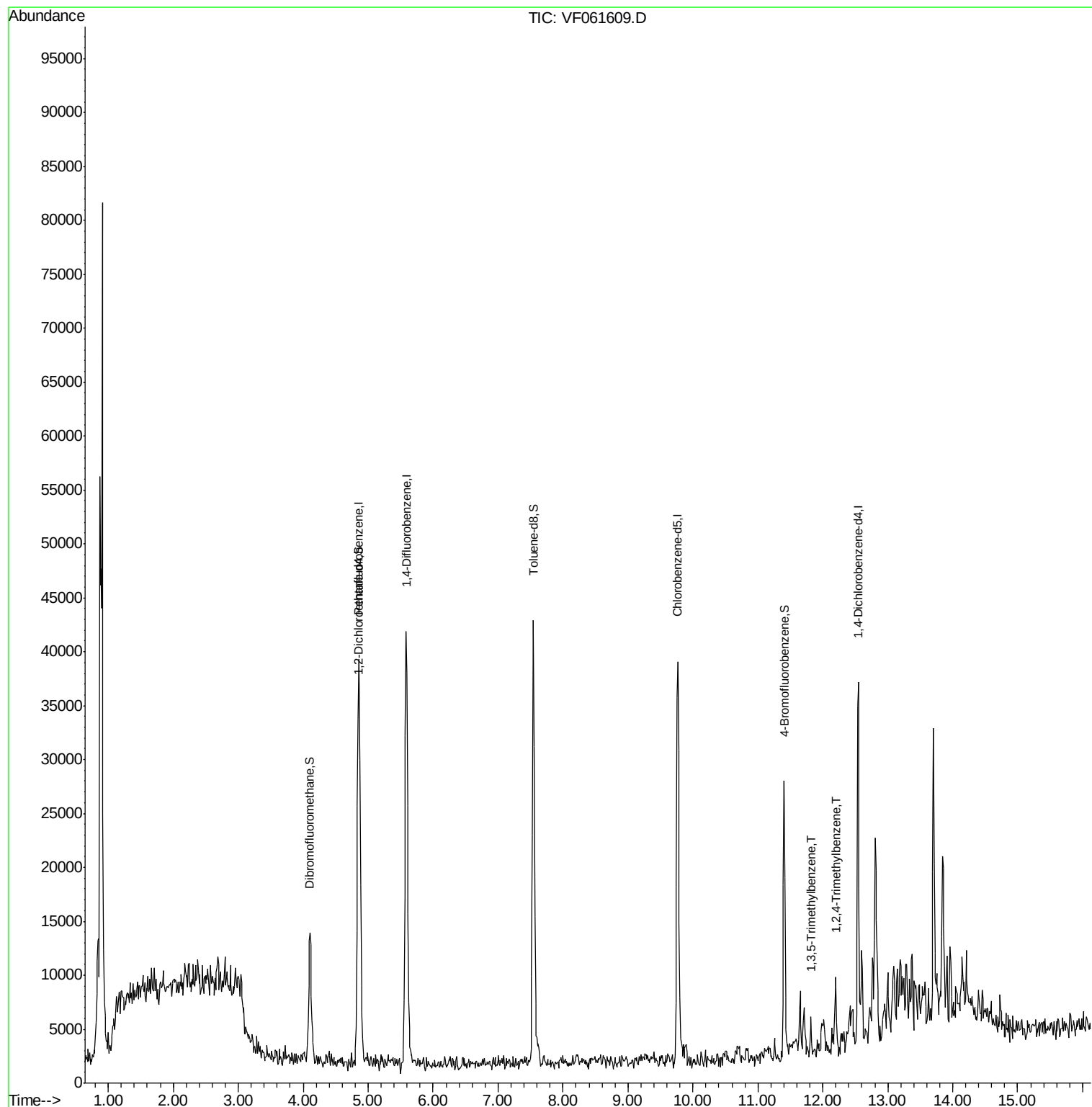
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.86	168	32006	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.58	114	44016	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.77	117	28822	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.55	152	8738	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.83	65	7540	19.08	ug/l	0.00
Spiked Amount 50.000			Recovery	=	38.16%	
35) Dibromofluoromethane	4.10	113	11477	33.04	ug/l	0.00
Spiked Amount 50.000			Recovery	=	66.08%	
50) Toluene-d8	7.55	98	35009	36.79	ug/l	0.00
Spiked Amount 50.000			Recovery	=	73.58%	
62) 4-Bromofluorobenzene	11.40	95	10656	23.97	ug/l	0.00
Spiked Amount 50.000			Recovery	=	47.94%	
Target Compounds						
80) 1,3,5-Trimethylbenzene	11.82	105	1793	3.126	ug/l	88
84) 1,2,4-Trimethylbenzene	12.19	105	1594	2.698	ug/l	78

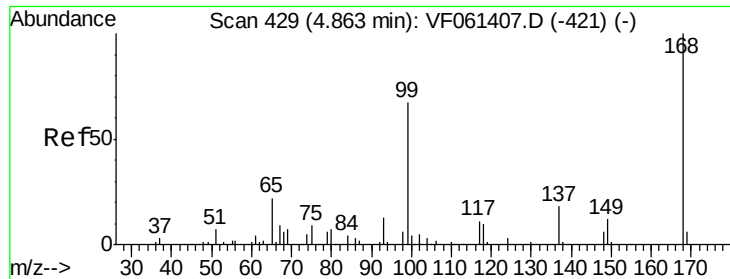
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.86 min Scan# 429

Delta R.T. 0.00 min

Lab File: VF061609.D

Acq: 12 Feb 2019 15:21

Instrument :

MSVOA_F

ClientSampleId :

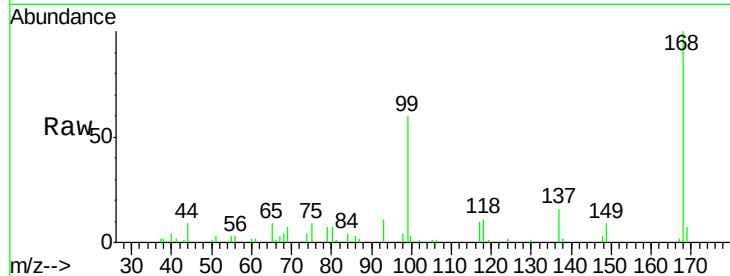
JC-02-021119-C

Tot Ion:168 Resp: 32006

Ion Ratio Lower Upper

168 100

99 59.9 53.5 80.3



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

4.86

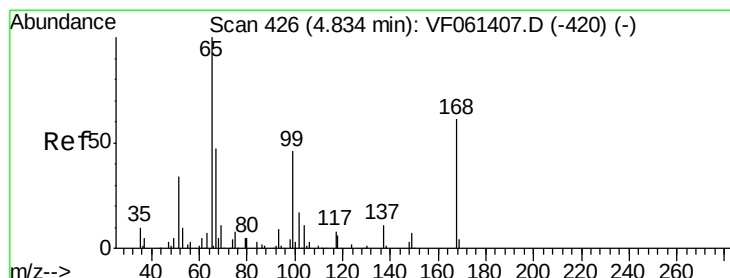
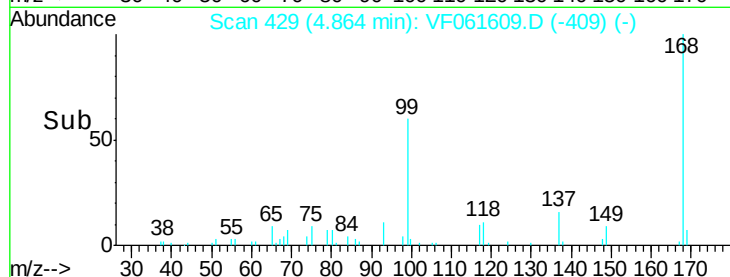
10000

5000

0

Time-->

4.80 4.90 5.00



#33

1,2-Dichloroethane-d4

Concen: 19.081 ug/l

RT: 4.83 min Scan# 426

Delta R.T. 0.00 min

Lab File: VF061609.D

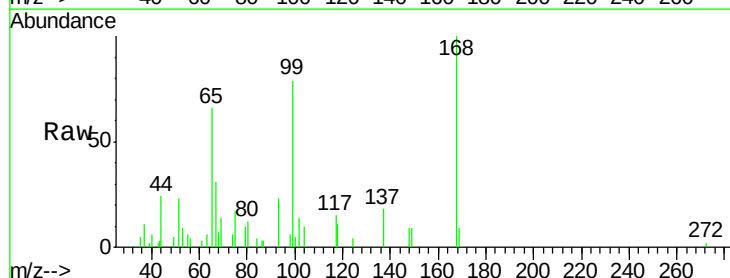
Acq: 12 Feb 2019 15:21

Tgt Ion: 65 Resp: 7540

Ion Ratio Lower Upper

65 100

67 46.1 0.0 99.8



Abundance Ion 65.00 (64.70 to 65.70): VF0

Ion 67.00 (66.70 to 67.70): VF0

4.83

3000

2500

2000

1500

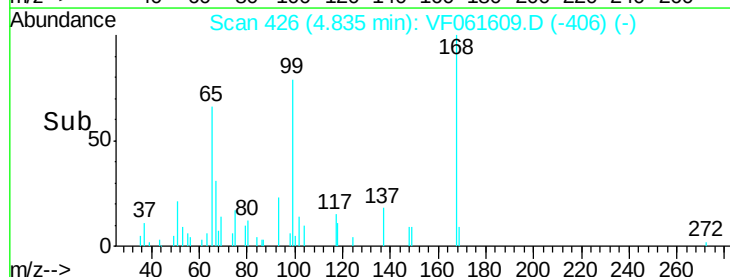
1000

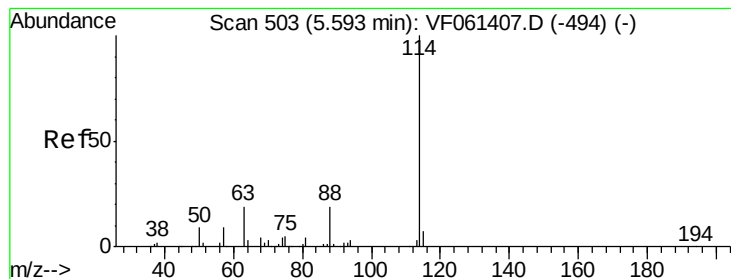
500

0

Time-->

4.70 4.80 4.90 5.00





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.58 min Scan# 502

Delta R.T. -0.01 min

Lab File: VF061609.D

Acq: 12 Feb 2019 15:21

Instrument :

MSVOA_F

ClientSampleId :

JC-02-021119-C

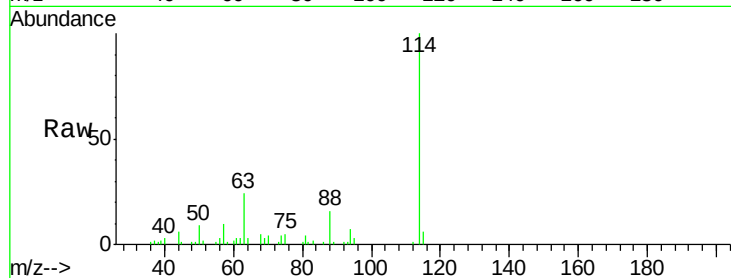
Tot Ion:114 Resp: 44016

Ion Ratio Lower Upper

114 100

63 23.7 0.0 39.0

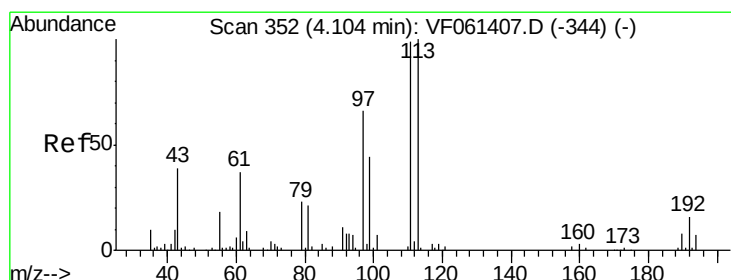
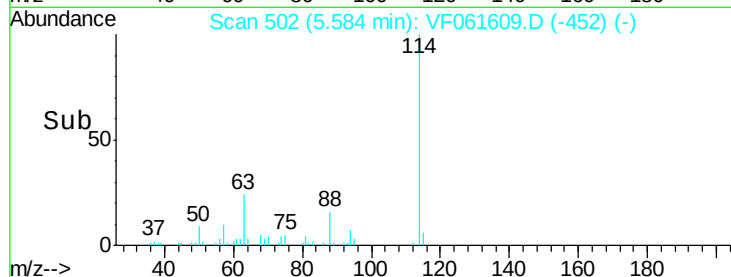
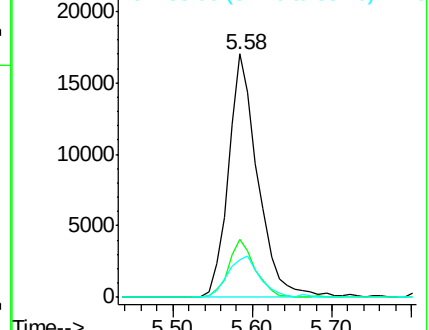
88 15.5 0.0 37.4



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: 33.044 ug/l

RT: 4.10 min Scan# 352

Delta R.T. 0.00 min

Lab File: VF061609.D

Acq: 12 Feb 2019 15:21

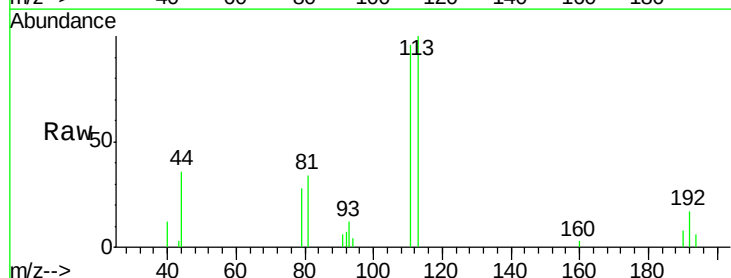
Tgt Ion:113 Resp: 11477

Ion Ratio Lower Upper

113 100

111 96.4 79.4 119.0

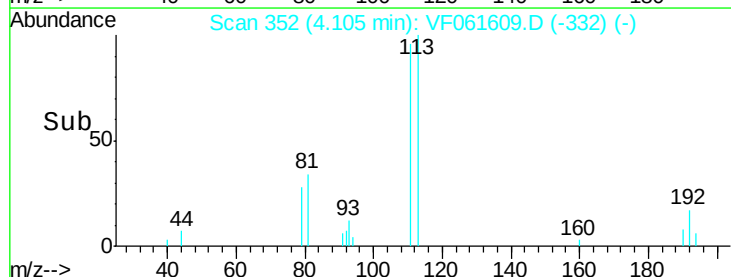
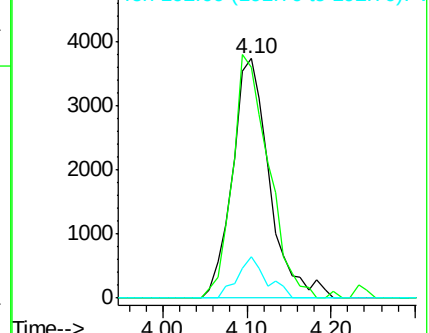
192 17.0 12.4 18.6

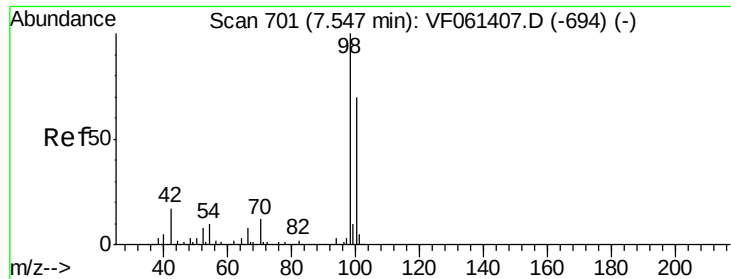


Abundance Ion 113.00 (112.70 to 113.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 192.00 (191.70 to 192.70): V

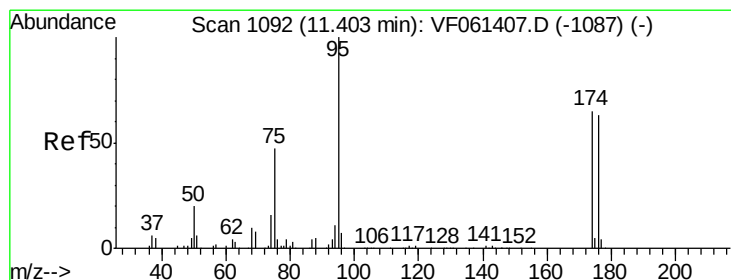
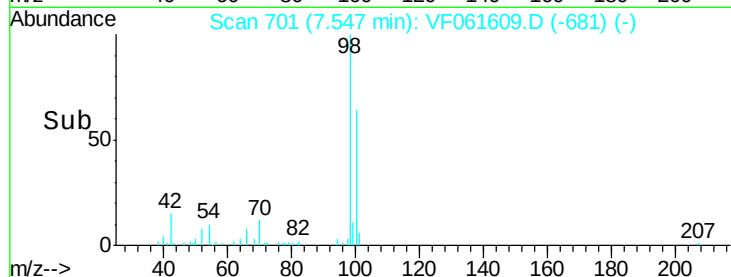
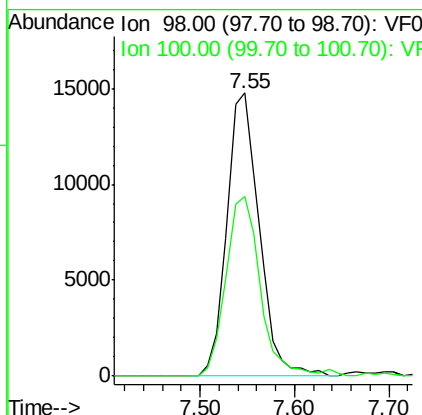
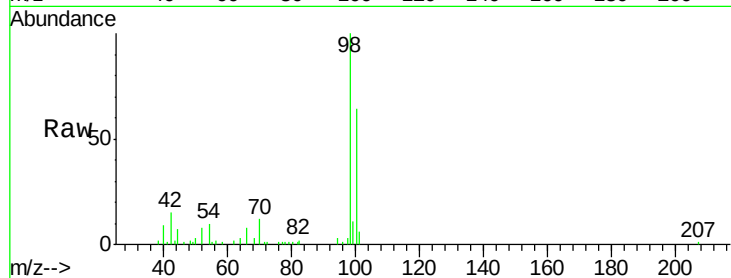




#50
Toluene-d8
Concen: 36.789 ug/l
RT: 7.55 min Scan# 701
Delta R.T. 0.00 min
Lab File: VF061609.D
Acq: 12 Feb 2019 15:21

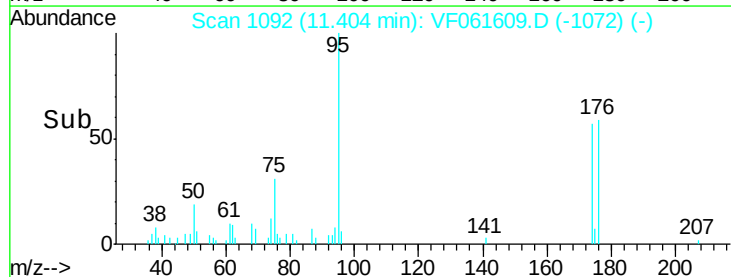
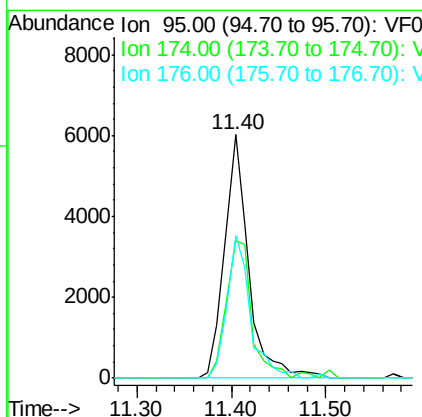
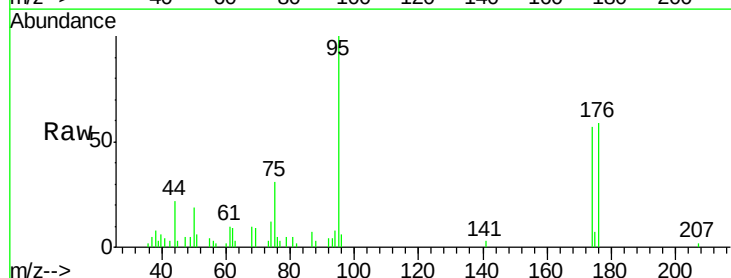
Instrument :
MSVOA_F
ClientSampleId :
JC-02-021119-C

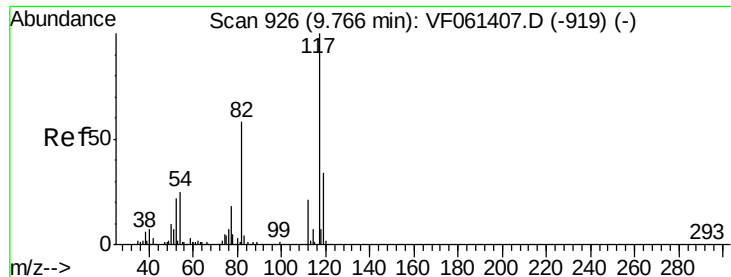
Tot Ion: 98 Resp: 35009
Ion Ratio Lower Upper
98 100
100 63.7 55.6 83.4



#62
4-Bromofluorobenzene
Concen: 23.967 ug/l
RT: 11.40 min Scan# 1092
Delta R.T. 0.00 min
Lab File: VF061609.D
Acq: 12 Feb 2019 15:21

Tgt Ion: 95 Resp: 10656
Ion Ratio Lower Upper
95 100
174 56.7 0.0 130.4
176 58.7 0.0 126.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 9.77 min Scan# 926

Delta R.T. 0.00 min

Lab File: VF061609.D

Acq: 12 Feb 2019 15:21

Instrument :

MSVOA_F

ClientSampleId :

JC-02-021119-C

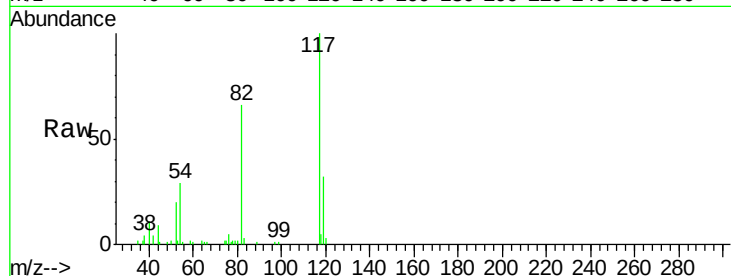
Tot Ion:117 Resp: 28822

Ion Ratio Lower Upper

117 100

82 66.0 46.4 69.6

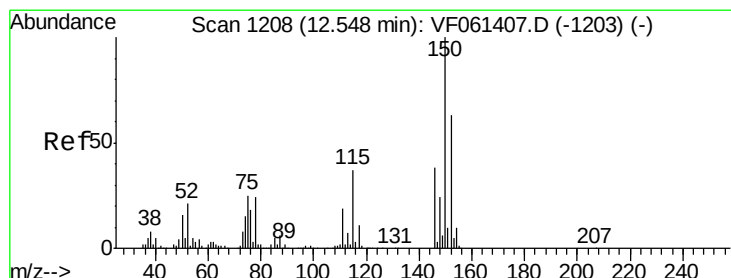
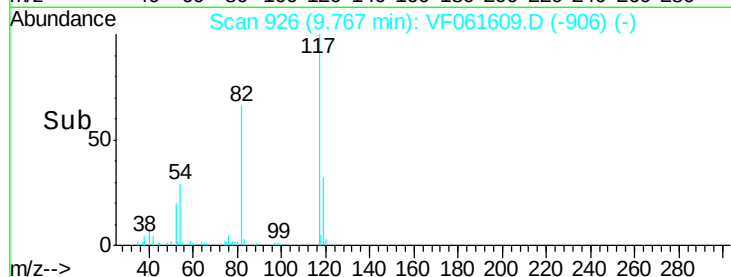
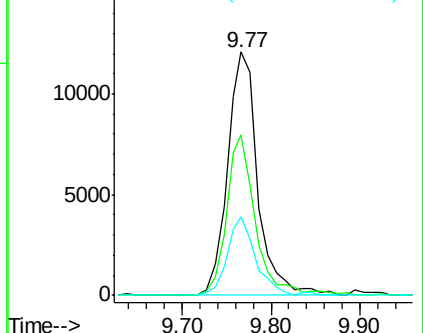
119 32.3 27.2 40.8



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: 12.55 min Scan# 1208

Delta R.T. 0.00 min

Lab File: VF061609.D

Acq: 12 Feb 2019 15:21

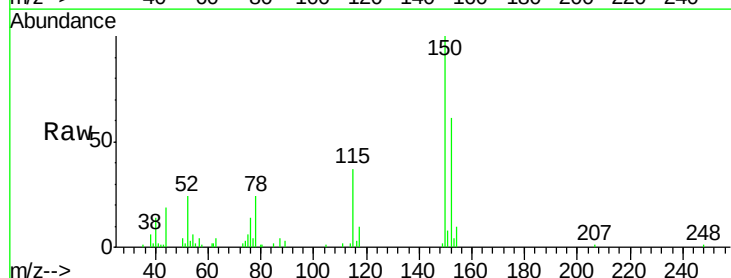
Tgt Ion:152 Resp: 8738

Ion Ratio Lower Upper

152 100

115 59.8 30.0 90.0

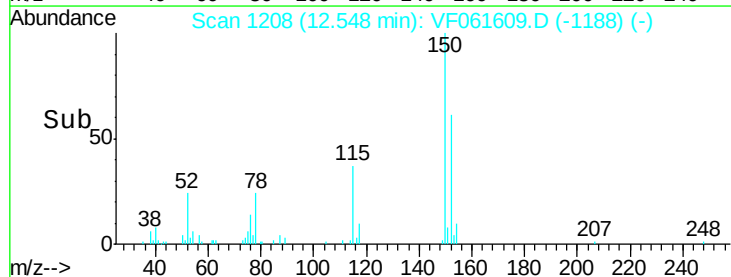
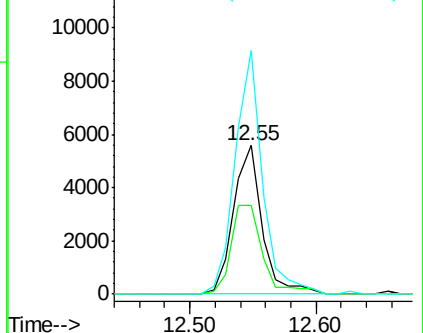
150 163.6 0.0 321.4

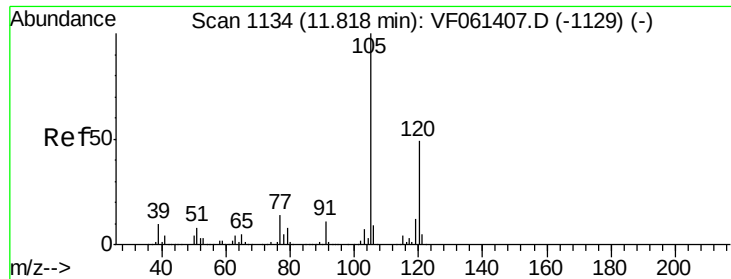


Abundance Ion 152.00 (151.70 to 152.70): V

Ion 115.00 (114.70 to 115.70): V

Ion 150.00 (149.70 to 150.70): V

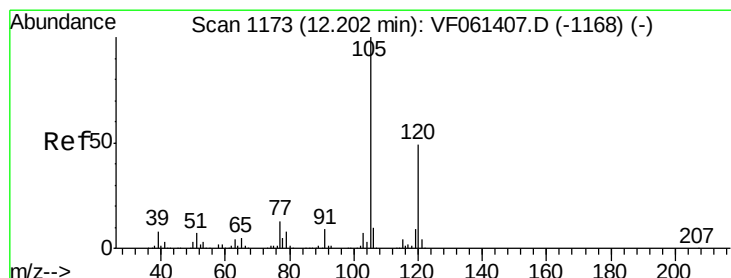
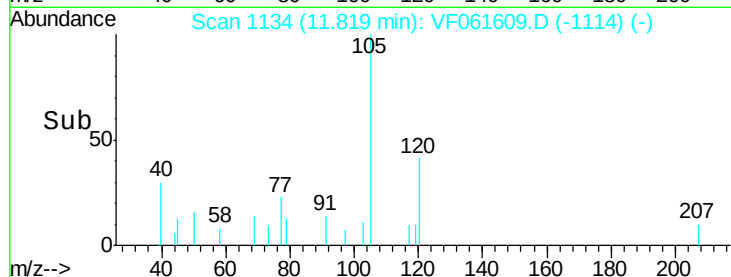
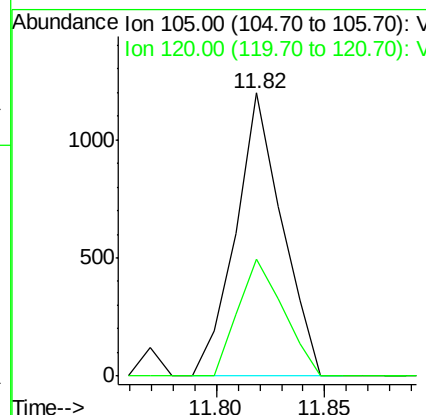
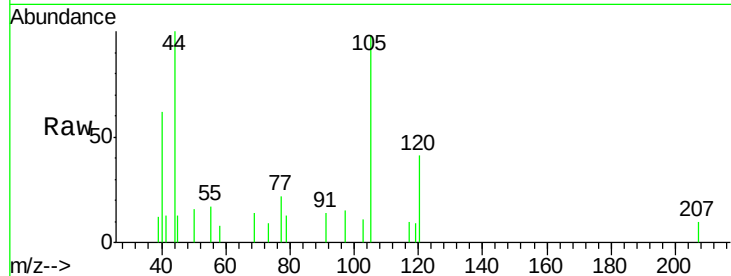




#80
 1,3,5-Trimethylbenzene
 Concen: 3.126 ug/l
 RT: 11.82 min Scan# 1134
 Delta R.T. 0.00 min
 Lab File: VF061609.D
 Acq: 12 Feb 2019 15:21

Instrument :
 MSVOA_F
 ClientSampled :
 JC-02-021119-C

Tot Ion:105 Resp: 1793
 Ion Ratio Lower Upper
 105 100
 120 41.4 24.7 74.1



#84
 1,2,4-Trimethylbenzene
 Concen: 2.698 ug/l
 RT: 12.19 min Scan# 1172
 Delta R.T. -0.01 min
 Lab File: VF061609.D
 Acq: 12 Feb 2019 15:21

Tgt Ion:105 Resp: 1594
 Ion Ratio Lower Upper
 105 100
 120 34.3 24.9 74.6

