

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF021119\
 Data File : VF061594.D
 Acq On : 11 Feb 2019 19:05
 Operator : VA/AP
 Sample : K1461-01
 Misc : 4.79g/5mL/MSVOA-F/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 TEST-PIT-3

Quant Time: Feb 12 04:54:58 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

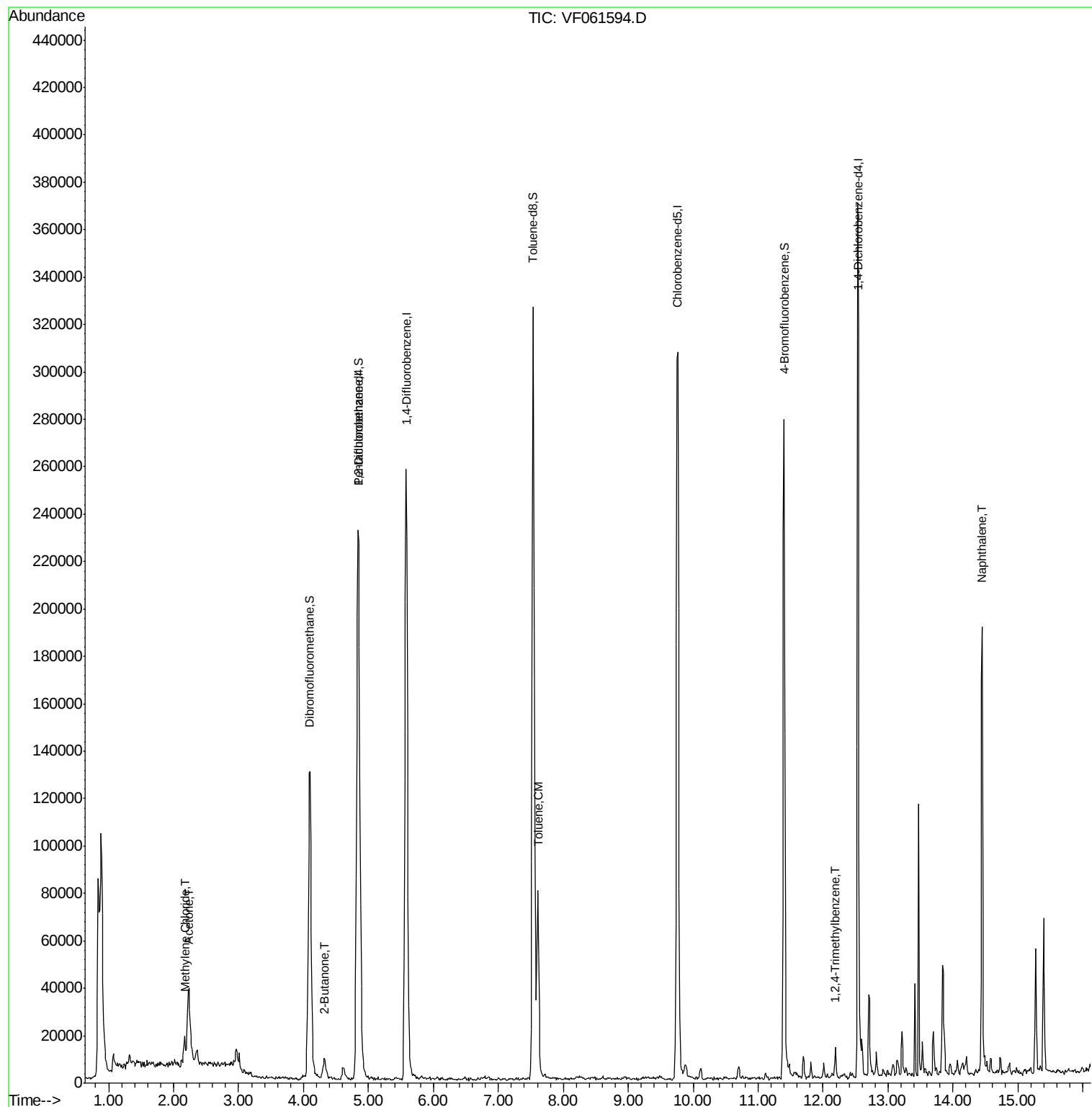
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.85	168	154861	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	5.58	114	279839	50.00	ug/l	-0.01
63) Chlorobenzene-d5	9.76	117	223423	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.53	152	91149	50.00	ug/l	-0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.83	65	112690	58.94	ug/l	0.00
Spiked Amount 50.000			Recovery	=	117.88%	
35) Dibromofluoromethane	4.09	113	123989	56.15	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	112.30%	
50) Toluene-d8	7.54	98	283109	46.79	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.58%	
62) 4-Bromofluorobenzene	11.40	95	106710	37.75	ug/l	0.00
Spiked Amount 50.000			Recovery	=	75.50%	
Target Compounds						
16) Acetone	2.24	43	50921	132.758	ug/l	Qvalue 100
20) Methylene Chloride	2.18	84	9756m	5.945	ug/l	
25) 2-Butanone	4.32	43	18059	28.312	ug/l	98
52) Toluene	7.61	92	41974	8.828	ug/l	98
84) 1,2,4-Trimethylbenzene	12.19	105	6842	1.110	ug/l	99
95) Naphthalene	14.45	128	138227	35.461	ug/l	99

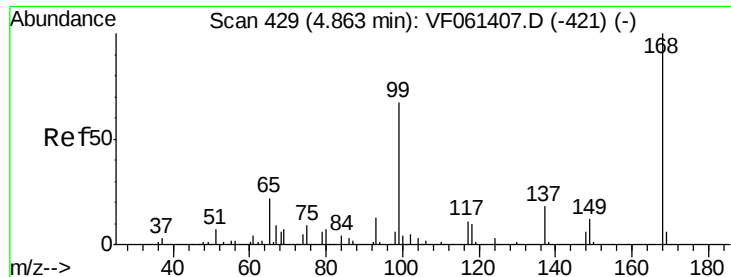
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF021119\
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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





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.85 min Scan# 428

Delta R.T. -0.01 min

Lab File: VF061594.D

Acq: 11 Feb 2019 19:05

Instrument :

MSVOA_F

ClientSampleId :

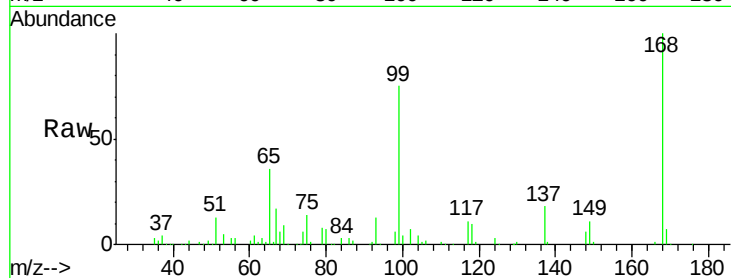
TEST-PIT-3

Tot Ion:168 Resp: 154861

Ion Ratio Lower Upper

168 100

99 75.3 53.5 80.3

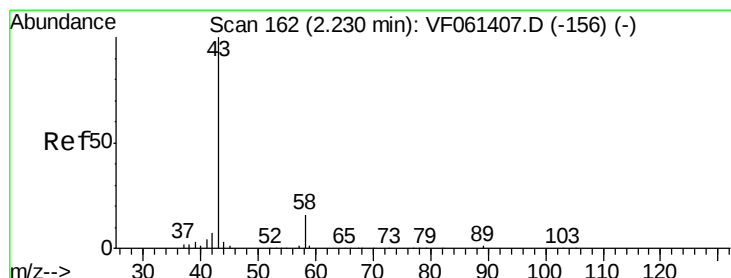
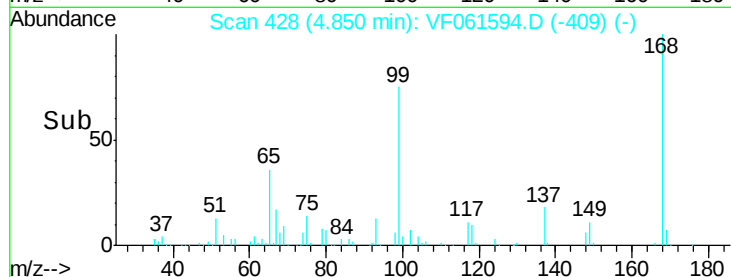


Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

4.85

Time-->



#16

Acetone

Concen: 132.758 ug/l

RT: 2.24 min Scan# 163

Delta R.T. 0.01 min

Lab File: VF061594.D

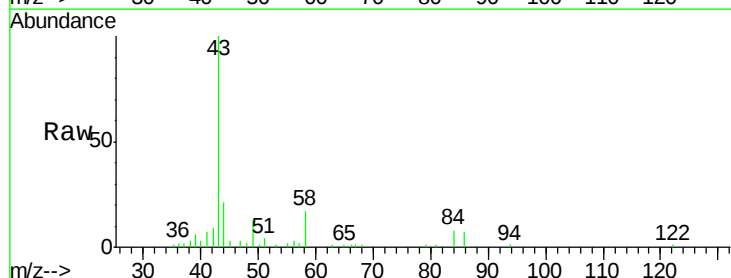
Acq: 11 Feb 2019 19:05

Tgt Ion: 43 Resp: 50921

Ion Ratio Lower Upper

43 100

58 16.6 13.3 19.9

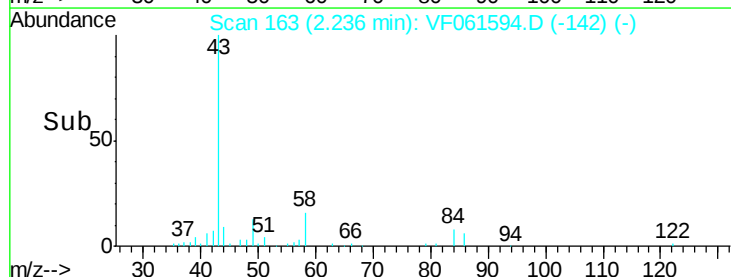


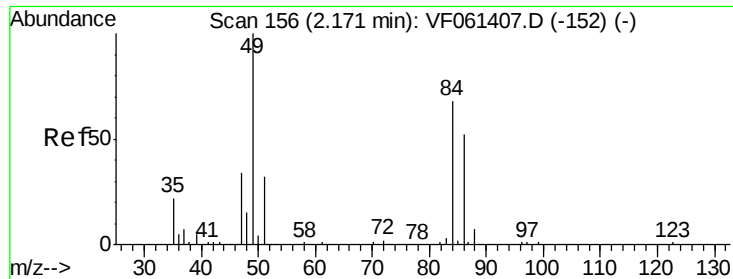
Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0

2.24

Time-->

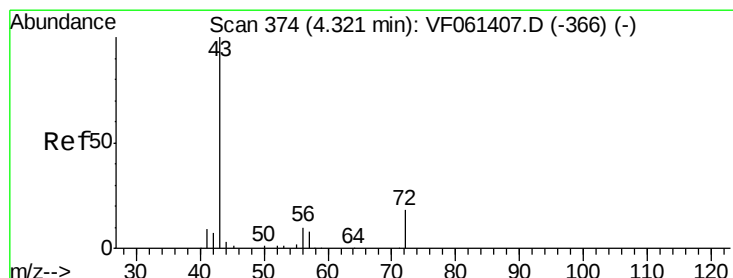
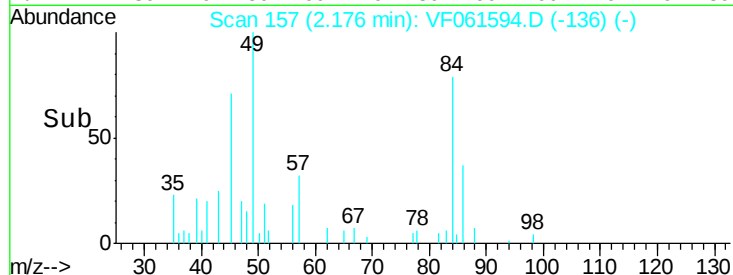
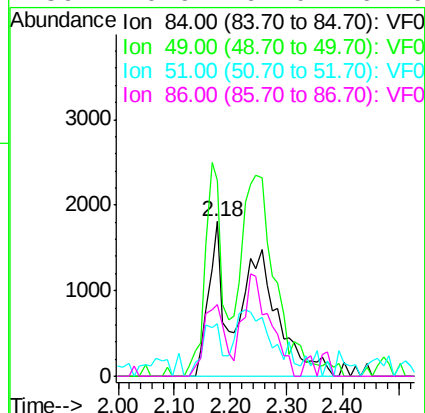
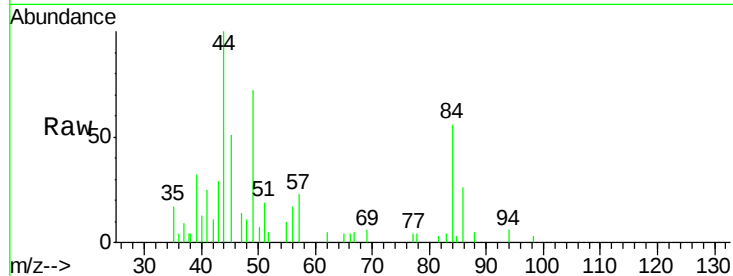




#20
Methvlene Chloride
Concen: 5.945 ug/l m
RT: 2.18 min Scan# 157
Delta R.T. 0.01 min
Lab File: VF061594.D
Acq: 11 Feb 2019 19:05

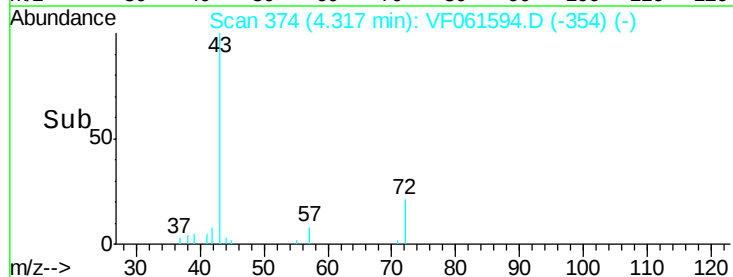
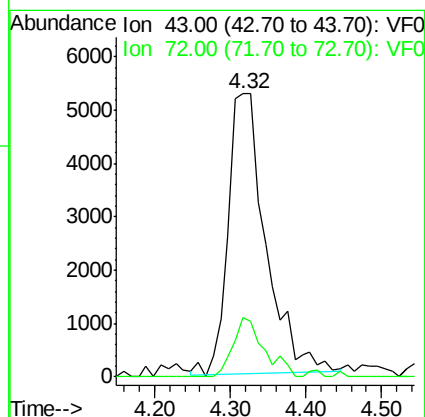
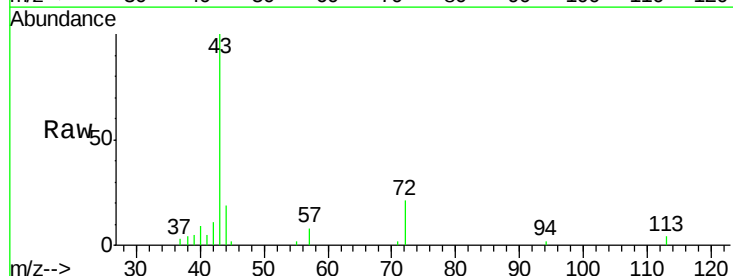
Instrument :
MSVOA_F
ClientSampleId :
TEST-PIT-3

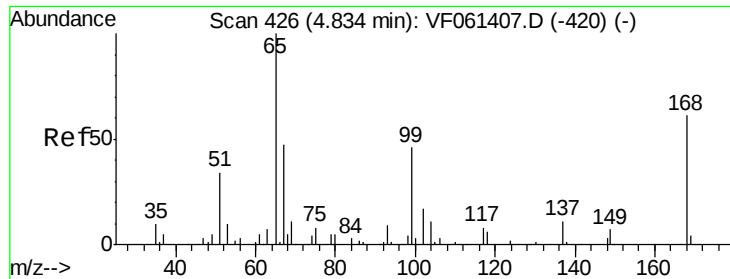
Tot Ion: 84 Resp: 9756
Ion Ratio Lower Upper
84 100
49 127.0 120.0 180.0
51 34.3 38.6 58.0#
86 46.6 61.0 91.6#



#25
2-Butanone
Concen: 28.312 ug/l
RT: 4.32 min Scan# 374
Delta R.T. -0.00 min
Lab File: VF061594.D
Acq: 11 Feb 2019 19:05

Tgt Ion: 43 Resp: 18059
Ion Ratio Lower Upper
43 100
72 20.8 15.8 23.6





#33

1,2-Dichloroethane-d4

Concen: 58.940 ug/l

RT: 4.83 min Scan# 426

Delta R.T. -0.00 min

Lab File: VF061594.D

Acq: 11 Feb 2019 19:05

Instrument :

MSVOA_F

ClientSampled :

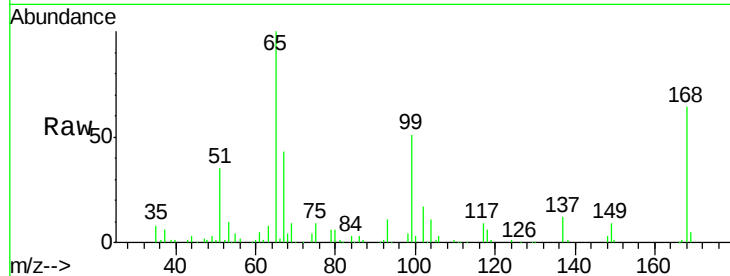
TEST-PIT-3

Tot Ion: 65 Resp: 112690

Ion Ratio Lower Upper

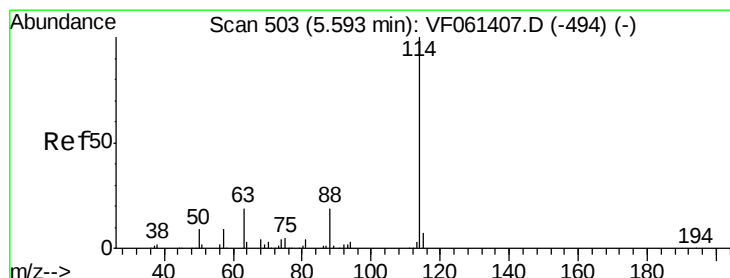
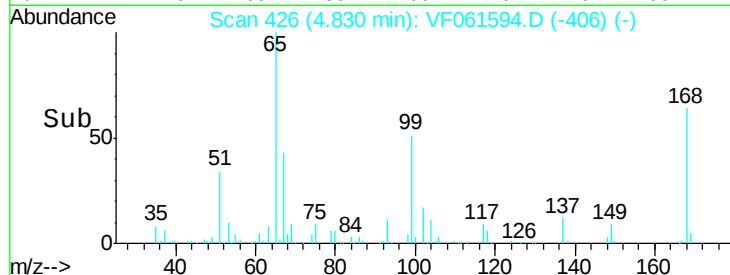
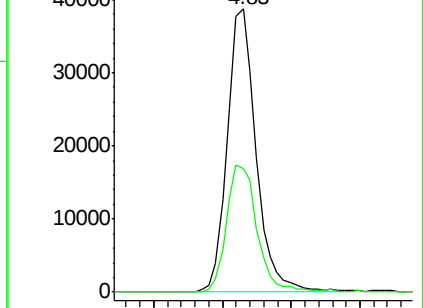
65 100

67 43.5 0.0 99.8



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. -0.01 min

Lab File: VF061594.D

Acq: 11 Feb 2019 19:05

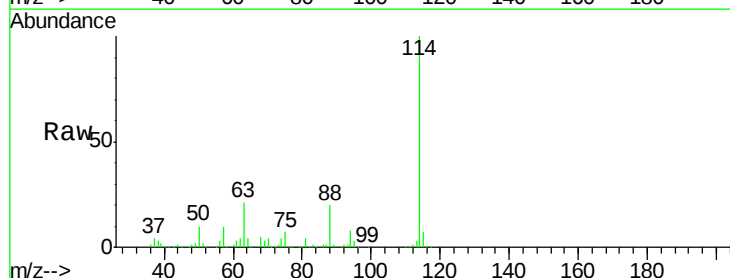
Tgt Ion: 114 Resp: 279839

Ion Ratio Lower Upper

114 100

63 21.3 0.0 39.0

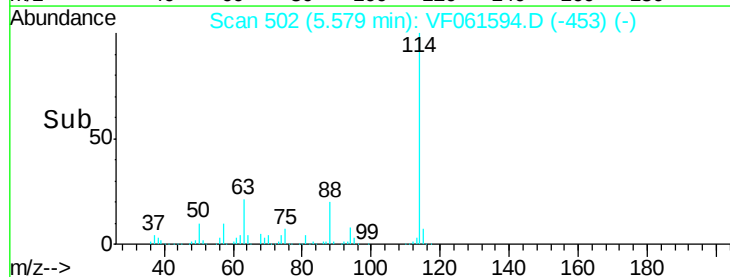
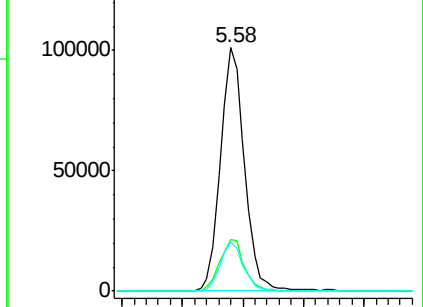
88 20.2 0.0 37.4

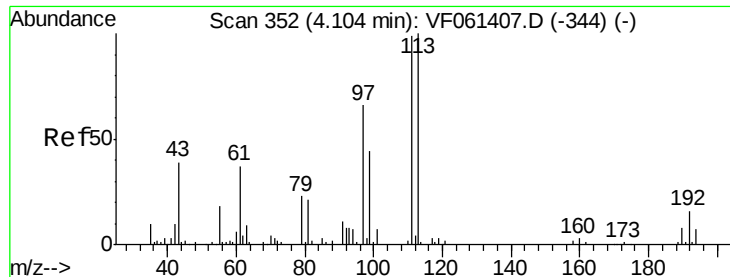


Abundance Ion 114.00 (113.70 to 114.70): V

Ion 63.00 (62.70 to 63.70): VF0

Ion 88.00 (87.70 to 88.70): VF0





#35

Dibromofluoromethane

Concen: 56.150 ug/l

RT: 4.09 min Scan# 351

Delta R.T. -0.01 min

Lab File: VF061594.D

Acq: 11 Feb 2019 19:05

Instrument :

MSVOA_F

ClientSampleId :

TEST-PIT-3

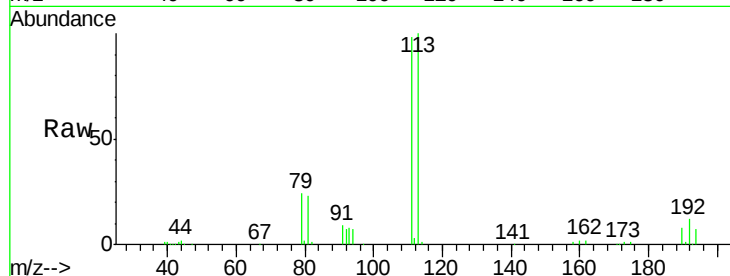
Tot Ion:113 Resp: 123989

Ion Ratio Lower Upper

113 100

111 97.8 79.4 119.0

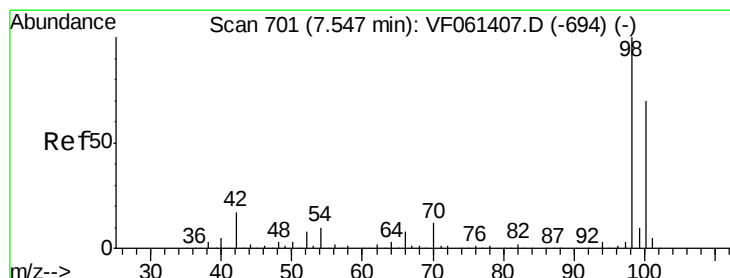
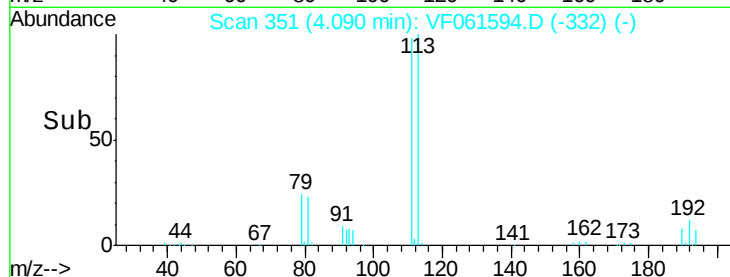
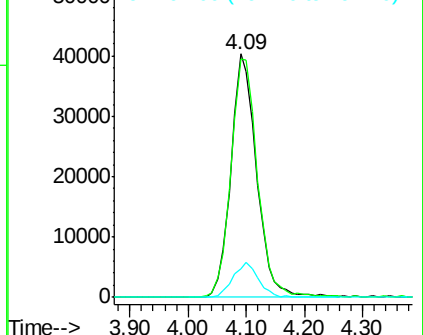
192 11.7 12.4 18.6#



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: 46.795 ug/l

RT: 7.54 min Scan# 701

Delta R.T. -0.00 min

Lab File: VF061594.D

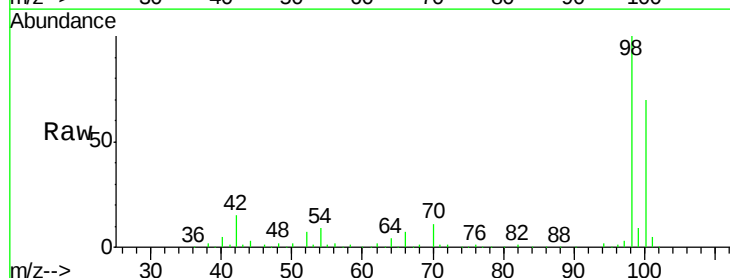
Acq: 11 Feb 2019 19:05

Tgt Ion: 98 Resp: 283109

Ion Ratio Lower Upper

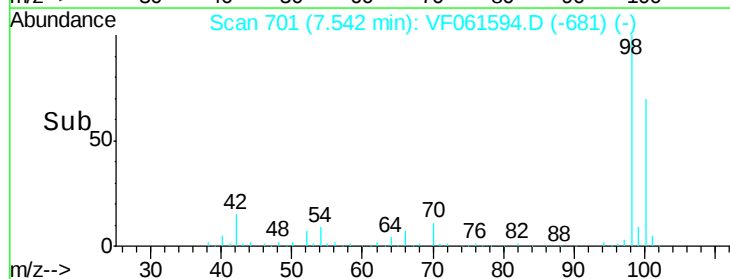
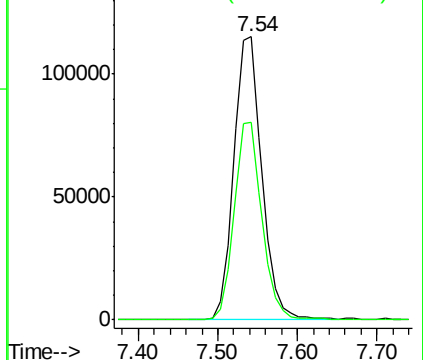
98 100

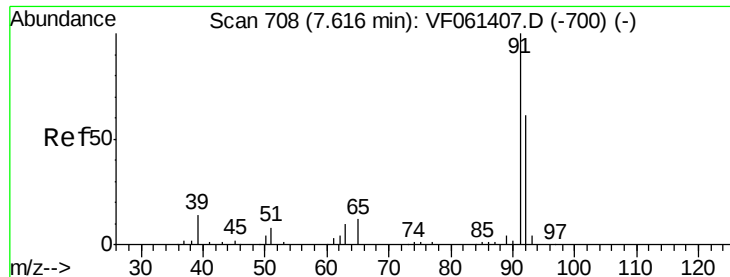
100 69.9 55.6 83.4



Abundance Ion 98.00 (97.70 to 98.70): VF0

Ion 100.00 (99.70 to 100.70): VF





#52

Toluene

Concen: 8.828 ug/l

RT: 7.61 min Scan# 708

Delta R.T. -0.00 min

Lab File: VF061594.D

Acq: 11 Feb 2019 19:05

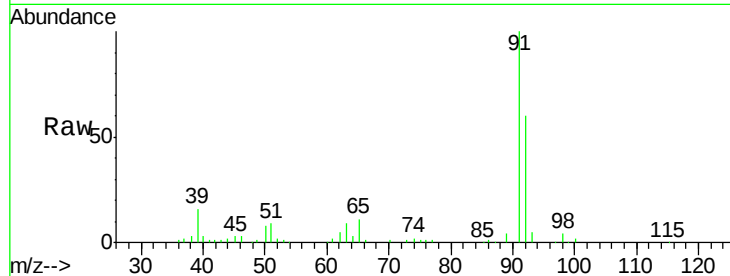
Instrument :
MSVOA_F
ClientSampled :
TEST-PIT-3

Tot Ion: 92 Resp: 41974

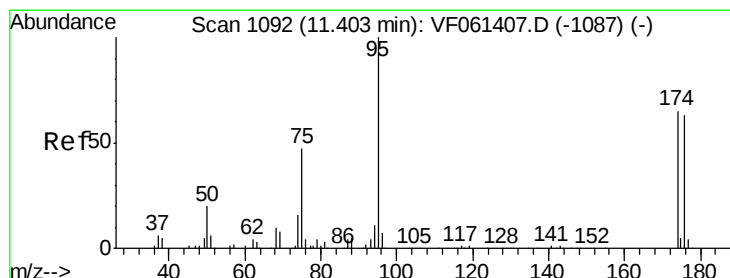
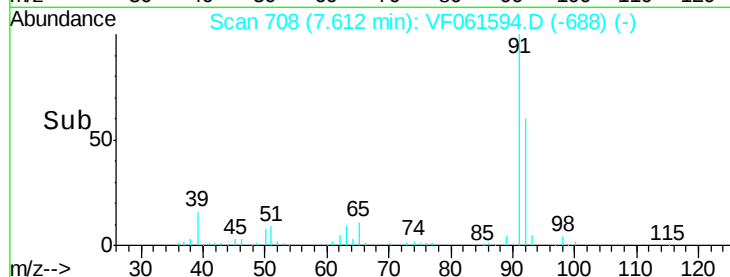
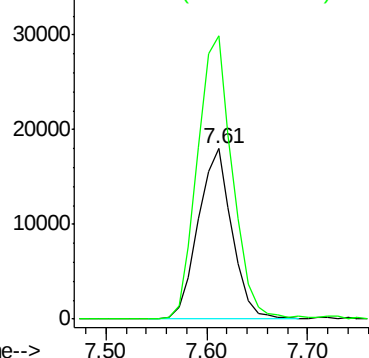
Ion Ratio Lower Upper

92 100

91 166.1 131.2 196.8



Abundance Ion 92.00 (91.70 to 92.70): VF0
Ion 91.00 (90.70 to 91.70): VF0



#62

4-Bromofluorobenzene

Concen: 37.750 ug/l

RT: 11.40 min Scan# 1092

Delta R.T. -0.00 min

Lab File: VF061594.D

Acq: 11 Feb 2019 19:05

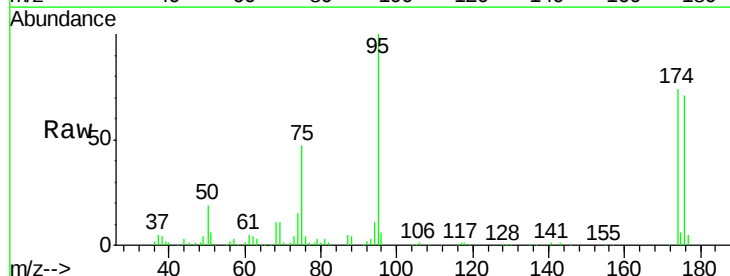
Tgt Ion: 95 Resp: 106710

Ion Ratio Lower Upper

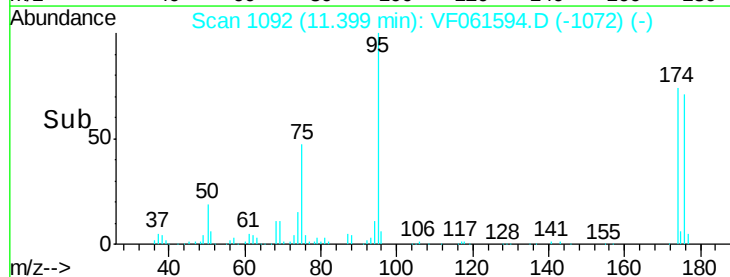
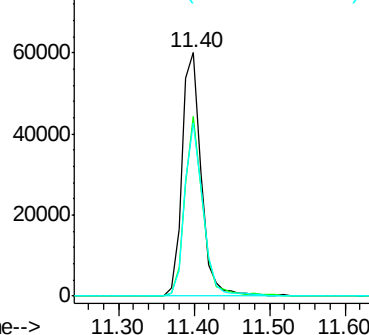
95 100

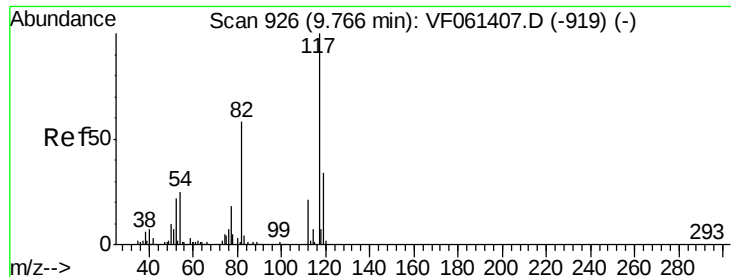
174 73.6 0.0 130.4

176 71.3 0.0 126.2



Abundance Ion 95.00 (94.70 to 95.70): VF0
Ion 174.00 (173.70 to 174.70): V
Ion 176.00 (175.70 to 176.70): V

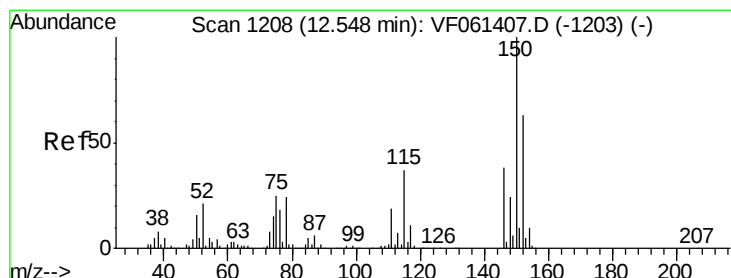
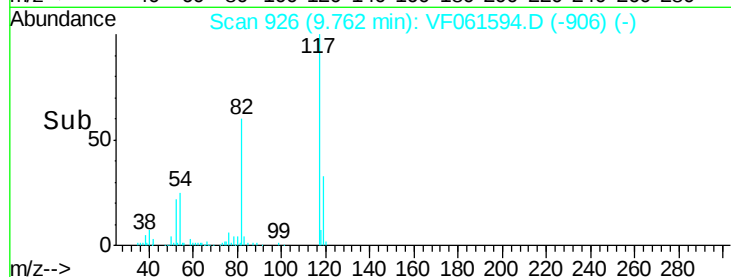
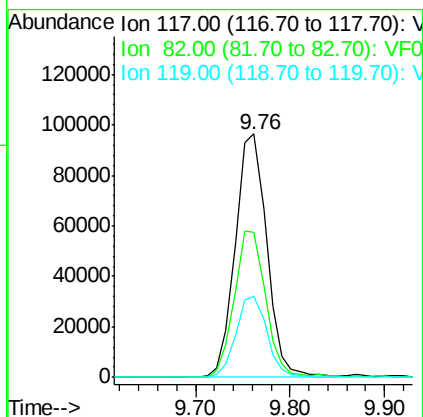
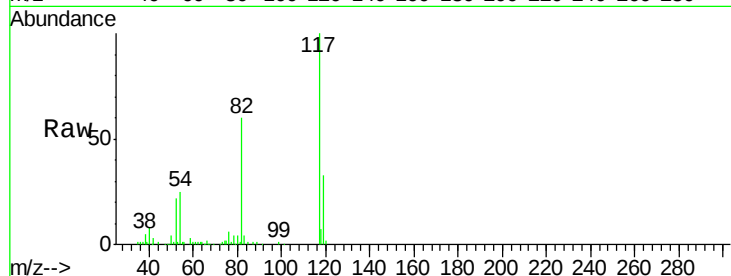




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.76 min Scan# 926
Delta R.T. -0.00 min
Lab File: VF061594.D
Acq: 11 Feb 2019 19:05

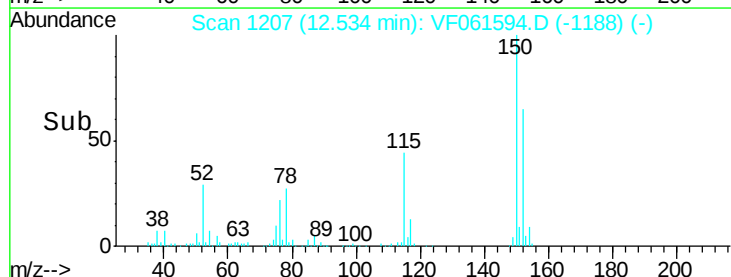
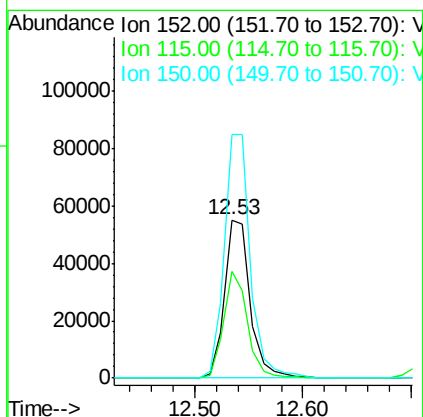
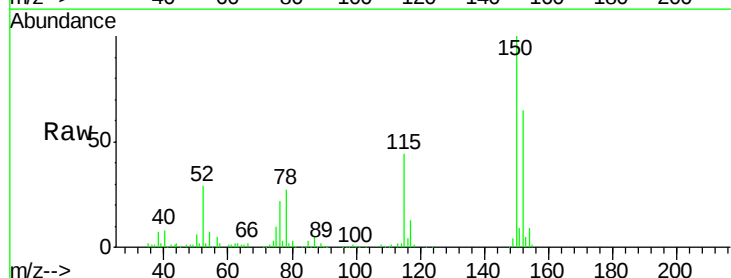
Instrument :
MSVOA_F
ClientSampleId :
TEST-PIT-3

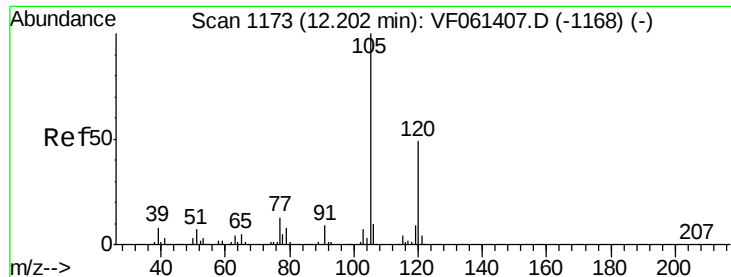
Tot Ion:117 Resp: 223423
Ion Ratio Lower Upper
117 100
82 59.7 46.4 69.6
119 33.4 27.2 40.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.53 min Scan# 1207
Delta R.T. -0.01 min
Lab File: VF061594.D
Acq: 11 Feb 2019 19:05

Tgt Ion:152 Resp: 91149
Ion Ratio Lower Upper
152 100
115 67.4 30.0 90.0
150 153.6 0.0 321.4

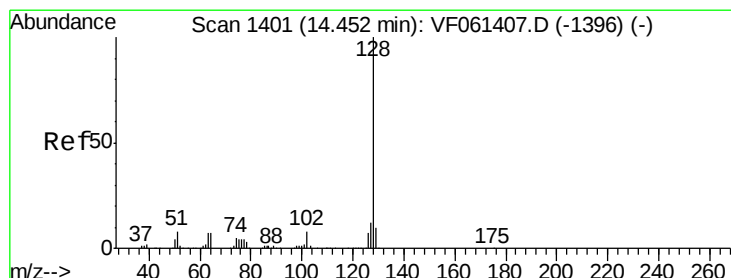
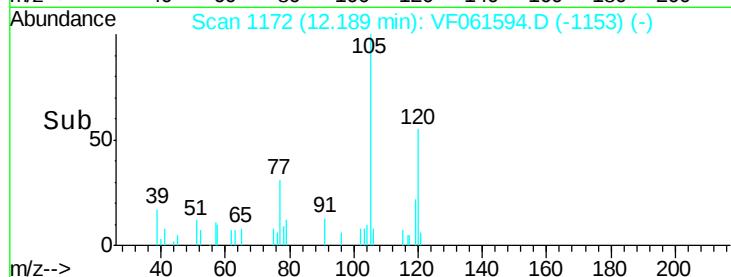
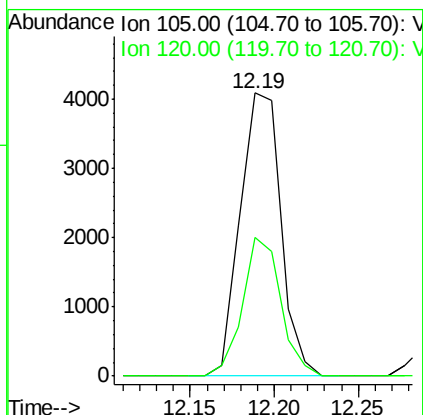
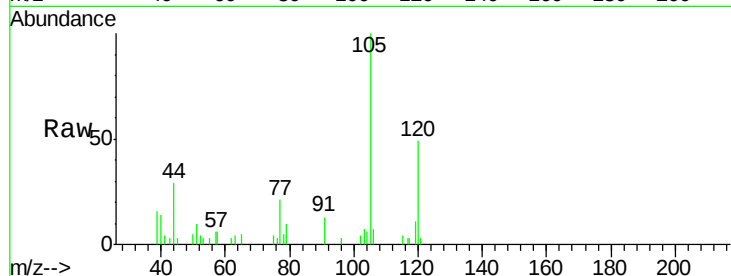




#84
 1,2,4-Trimethylbenzene
 Concen: 1.110 ug/l
 RT: 12.19 min Scan# 1172
 Delta R.T. -0.01 min
 Lab File: VF061594.D
 Acq: 11 Feb 2019 19:05

Instrument :
 MSVOA_F
 ClientSampleId :
 TEST-PIT-3

Tot Ion:105 Resp: 6842
 Ion Ratio Lower Upper
 105 100
 120 49.2 24.9 74.6



#95
 Naphthalene
 Concen: 35.461 ug/l
 RT: 14.45 min Scan# 1401
 Delta R.T. -0.00 min
 Lab File: VF061594.D
 Acq: 11 Feb 2019 19:05

Tgt Ion:128 Resp: 138227
 Ion Ratio Lower Upper
 128 100
 127 12.2 9.5 14.3
 129 10.4 8.4 12.6

