

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF010219\
 Data File : VF061258.D
 Acq On : 2 Jan 2019 17:04
 Operator : VA/AP
 Sample : K1019-03
 Misc : 10.87g/5mL/MSVOA-F/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 TEST-PIT-D-11-12-B

Quant Time: Jan 03 04:02:06 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F121918S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 20 00:56:59 2018
 Response via : Initial Calibration

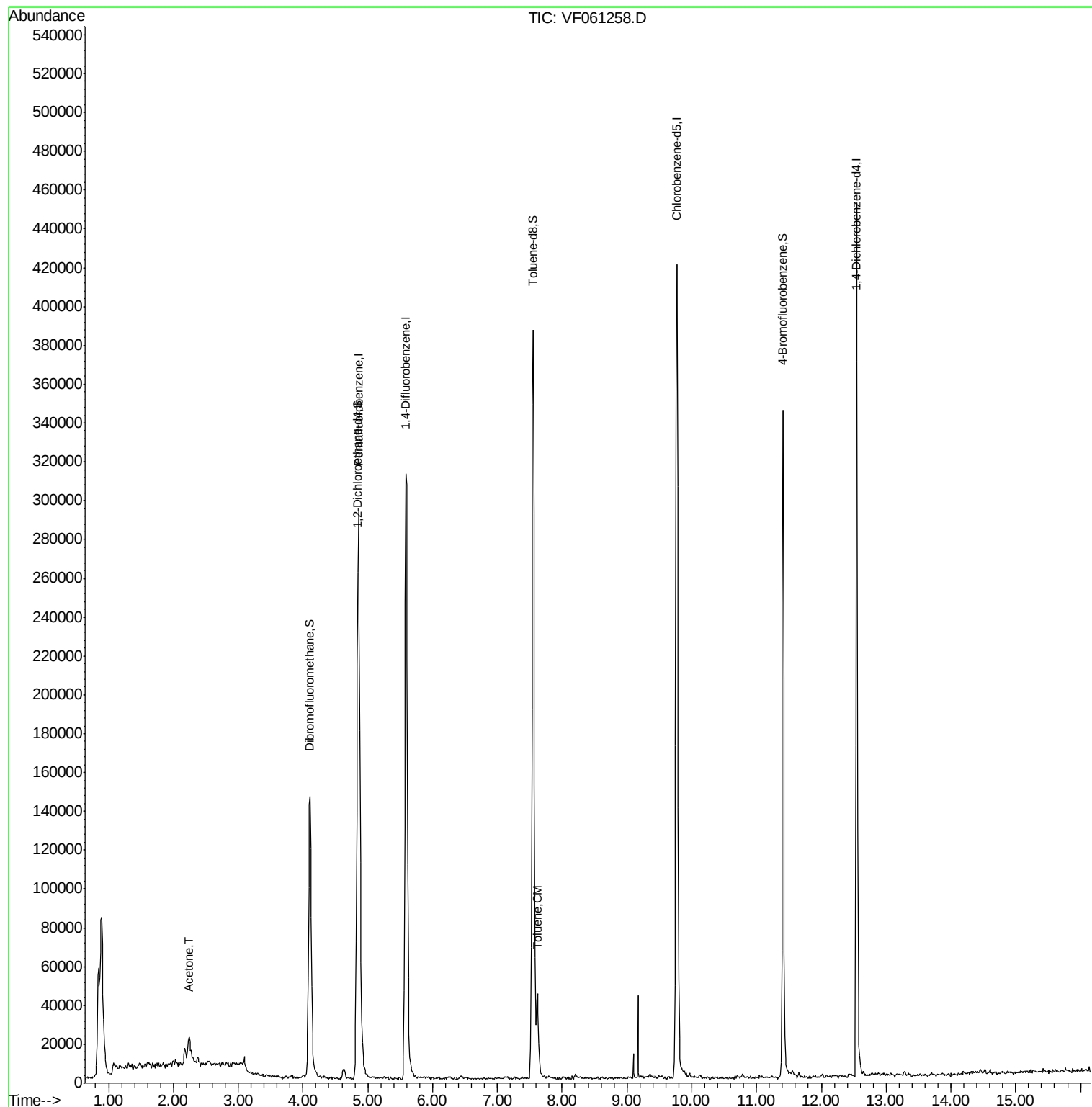
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.86	168	203302	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	5.60	114	363129	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.77	117	294219	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.54	152	111811	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.84	65	119796	45.81	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.62%	
35) Dibromofluoromethane	4.11	113	141482	48.64	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.28%	
50) Toluene-d8	7.55	98	327347	39.71	ug/l	0.00
Spiked Amount 50.000			Recovery	=	79.42%	
62) 4-Bromofluorobenzene	11.41	95	131201	34.52	ug/l	0.00
Spiked Amount 50.000			Recovery	=	69.04%	
Target Compounds						
16) Acetone	2.23	43	15930	30.475	ug/l #	71
52) Toluene	7.62	92	20812	3.335	ug/l	90

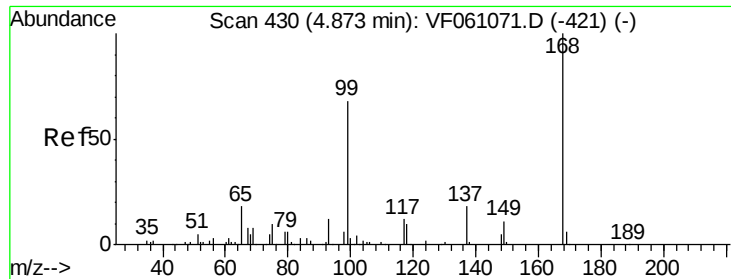
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Thu Dec 20 00:56:59 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.86 min Scan# 429

Delta R.T. -0.01 min

Lab File: VF061258.D

Acq: 2 Jan 2019 17:04

Instrument :

MSVOA_F

ClientSampleId :

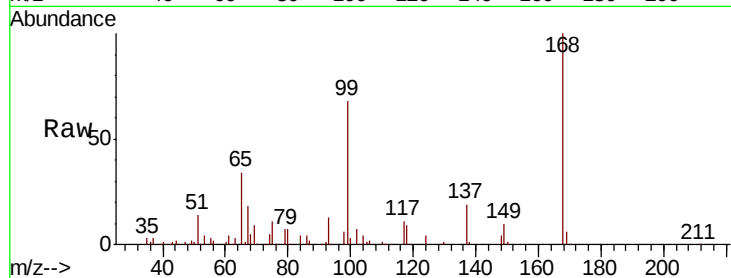
TEST-PIT-D-11-12-B

Tot Ion:168 Resp: 203302

Ion Ratio Lower Upper

168 100

99 68.0 54.4 81.6



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

4.86

80000

60000

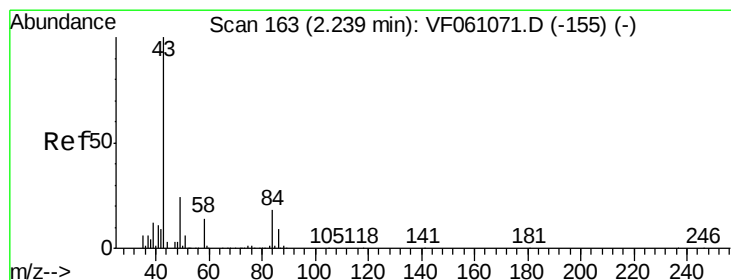
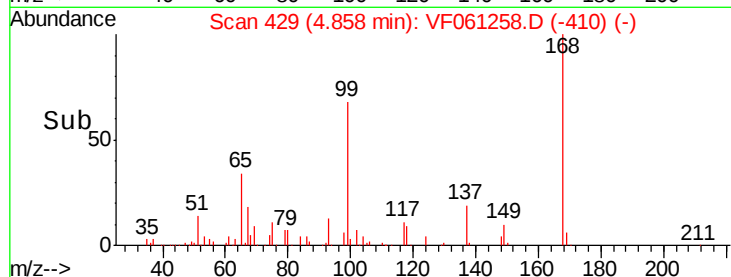
40000

20000

0

Time-->

4.70 4.80 4.90 5.00



#16

Acetone

Concen: 30.475 ug/l

RT: 2.23 min Scan# 163

Delta R.T. -0.00 min

Lab File: VF061258.D

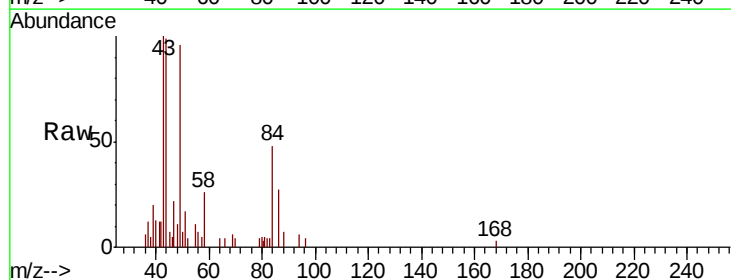
Acq: 2 Jan 2019 17:04

Tgt Ion: 43 Resp: 15930

Ion Ratio Lower Upper

43 100

58 25.7 11.1 16.7#



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0

2.23

4000

3000

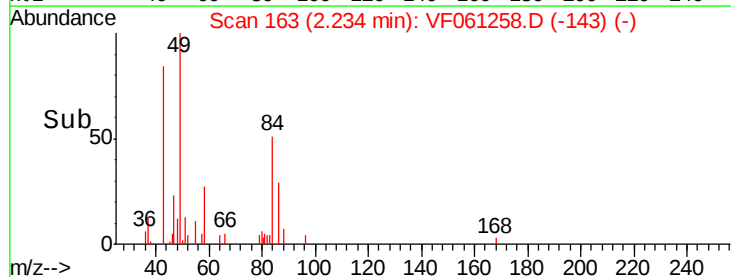
2000

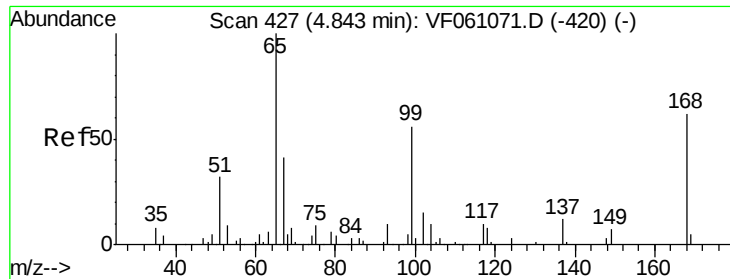
1000

0

Time-->

2.10 2.20 2.30

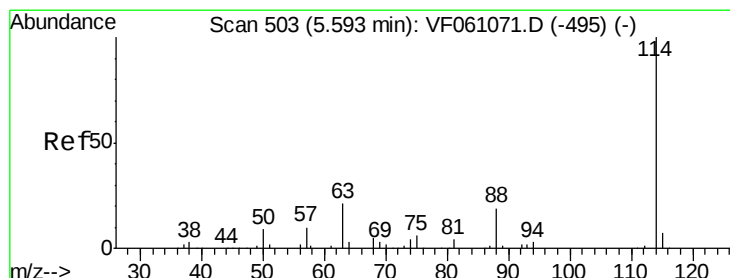
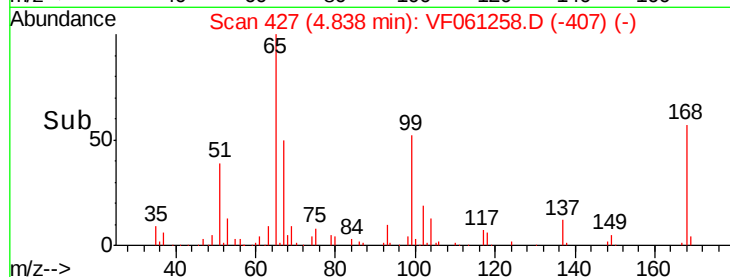
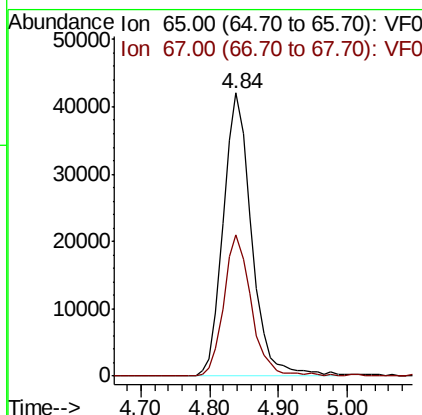
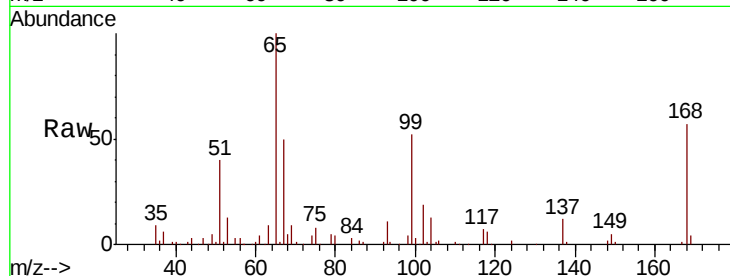




#33
 1,2-Dichloroethane-d4
 Concen: 45.814 ug/l
 RT: 4.84 min Scan# 427
 Delta R.T. -0.00 min
 Lab File: VF061258.D
 Acq: 2 Jan 2019 17:04

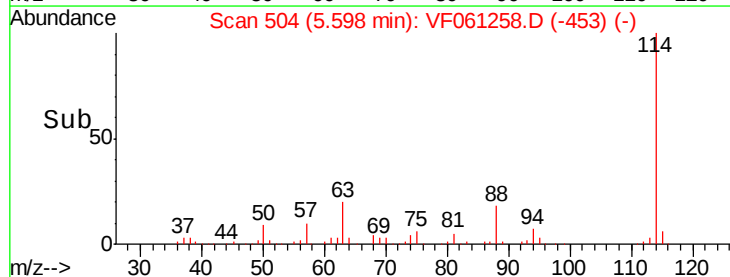
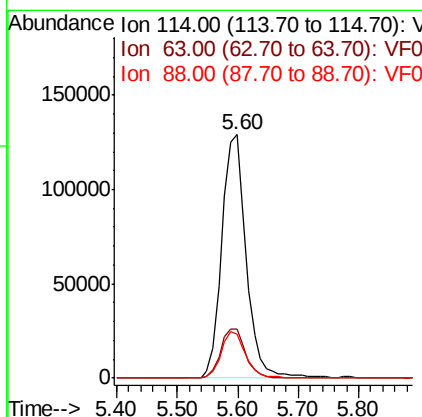
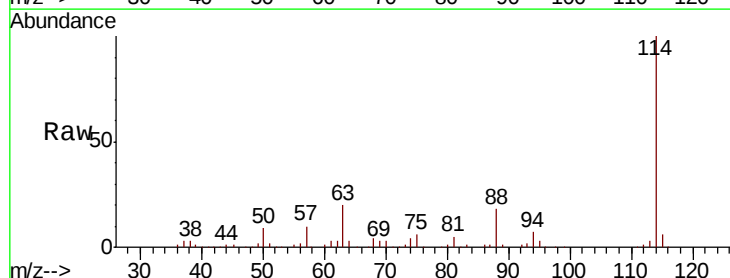
Instrument :
 MSVOA_F
 ClientSampleId :
 TEST-PIT-D-11-12-B

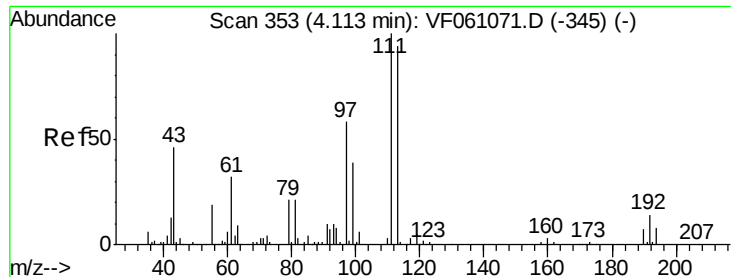
Tot Ion: 65 Resp: 119796
 Ion Ratio Lower Upper
 65 100
 67 50.1 0.0 94.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.60 min Scan# 504
 Delta R.T. 0.01 min
 Lab File: VF061258.D
 Acq: 2 Jan 2019 17:04

Tgt Ion: 114 Resp: 363129
 Ion Ratio Lower Upper
 114 100
 63 20.3 0.0 41.6
 88 18.0 0.0 38.0





#35

Dibromofluoromethane

Concen: 48.638 ug/l

RT: 4.11 min Scan# 353

Delta R.T. -0.00 min

Lab File: VF061258.D

Acq: 2 Jan 2019 17:04

Instrument :

MSVOA_F

ClientSampleId :

TEST-PIT-D-11-12-B

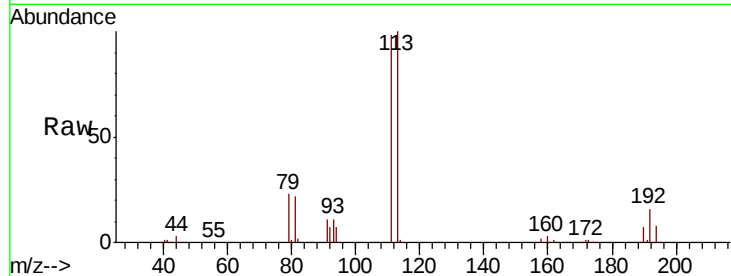
Tot Ion:113 Resp: 141482

Ion Ratio Lower Upper

113 100

111 97.8 85.2 127.8

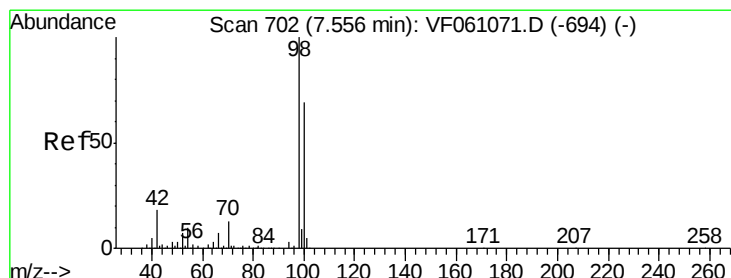
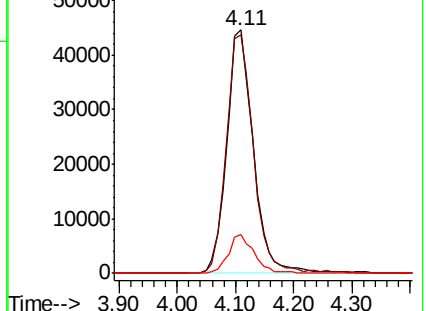
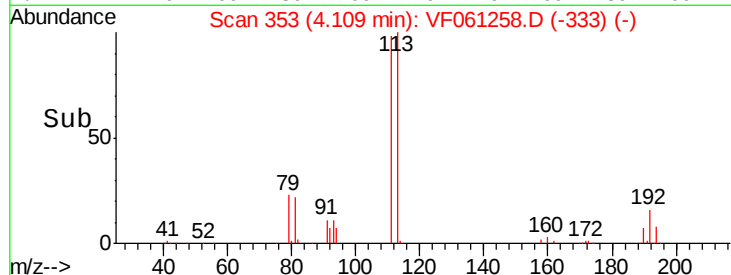
192 16.2 12.8 19.2



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: 39.710 ug/l

RT: 7.55 min Scan# 702

Delta R.T. -0.00 min

Lab File: VF061258.D

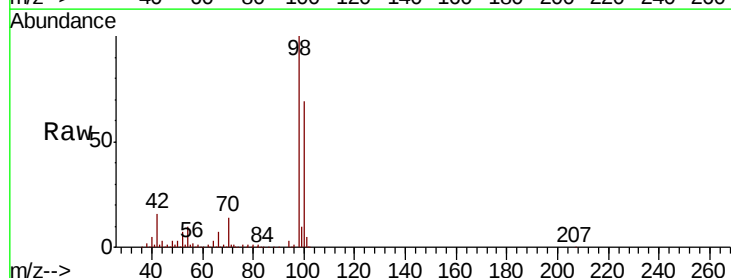
Acq: 2 Jan 2019 17:04

Tgt Ion: 98 Resp: 327347

Ion Ratio Lower Upper

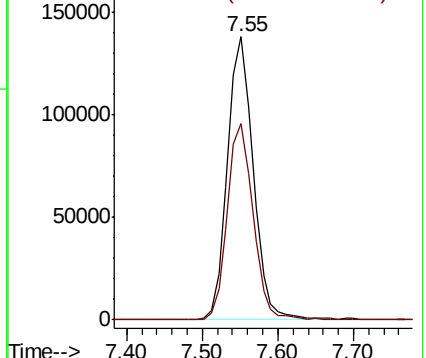
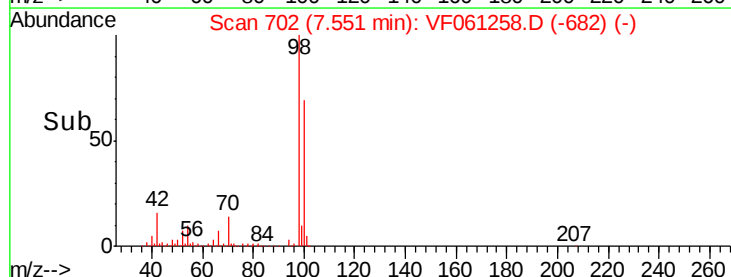
98 100

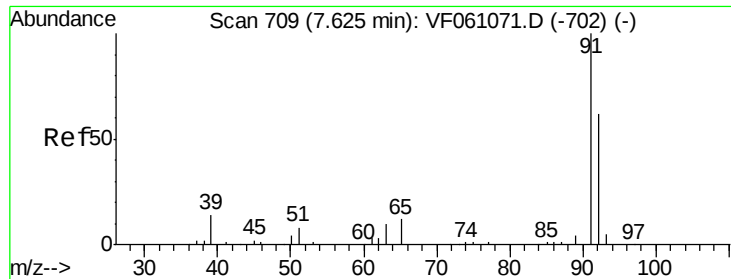
100 69.2 55.3 82.9



Abundance Ion 98.00 (97.70 to 98.70): VF0

Ion 100.00 (99.70 to 100.70): VF





#52

Toluene

Concen: 3.335 ug/l

RT: 7.62 min Scan# 709

Delta R.T. -0.00 min

Lab File: VF061258.D

Acq: 2 Jan 2019 17:04

Instrument :

MSVOA_F

ClientSampleId :

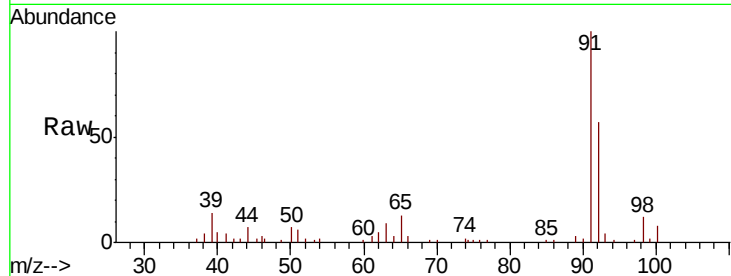
TEST-PIT-D-11-12-B

Tot Ion: 92 Resp: 20812

Ion Ratio Lower Upper

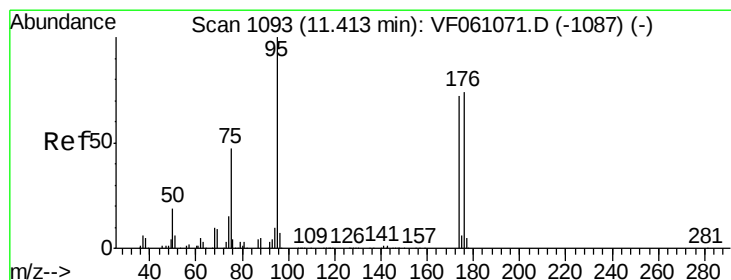
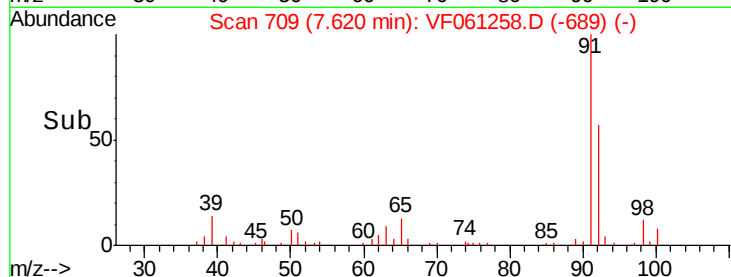
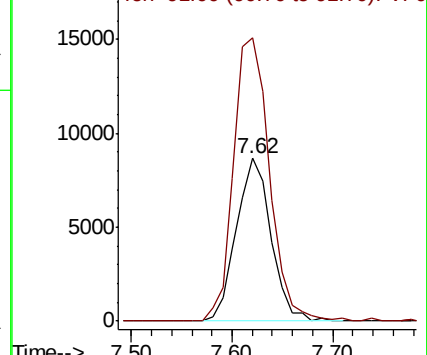
92 100

91 174.2 128.8 193.2



Abundance Ion 92.00 (91.70 to 92.70): VF0

Ion 91.00 (90.70 to 91.70): VF0



#62

4-Bromofluorobenzene

Concen: 34.524 ug/l

RT: 11.41 min Scan# 1093

Delta R.T. -0.00 min

Lab File: VF061258.D

Acq: 2 Jan 2019 17:04

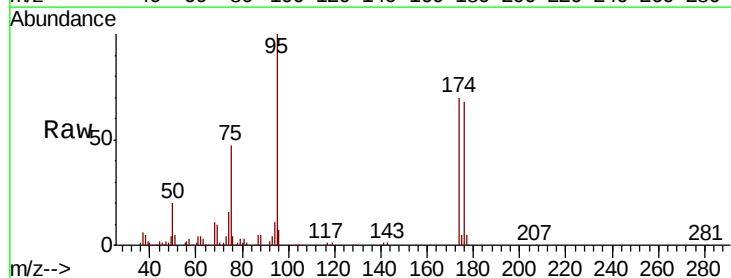
Tgt Ion: 95 Resp: 131201

Ion Ratio Lower Upper

95 100

174 70.0 0.0 143.8

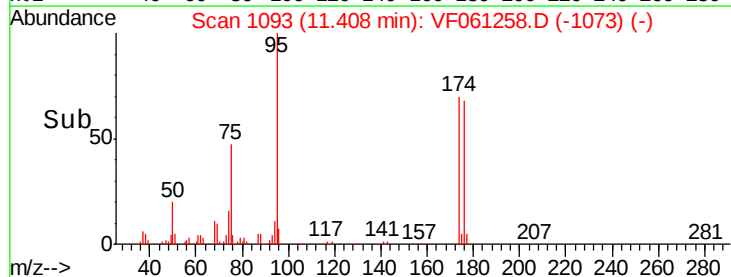
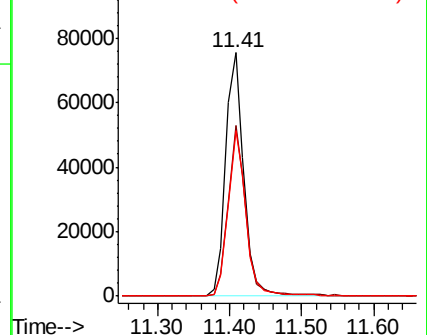
176 68.1 0.0 147.6

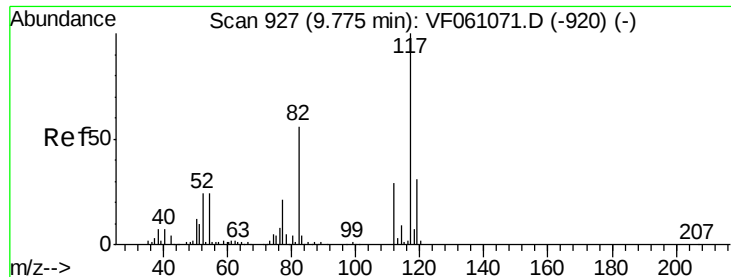


Abundance Ion 95.00 (94.70 to 95.70): VF0

Ion 174.00 (173.70 to 174.70): V

Ion 176.00 (175.70 to 176.70): V

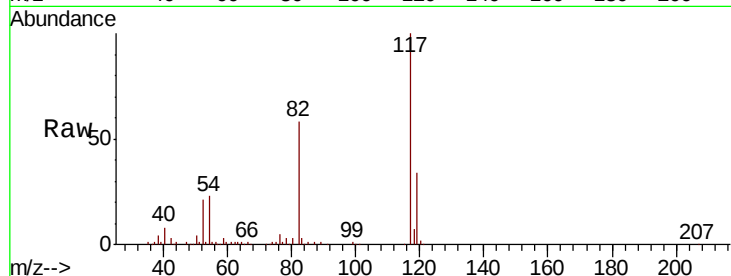




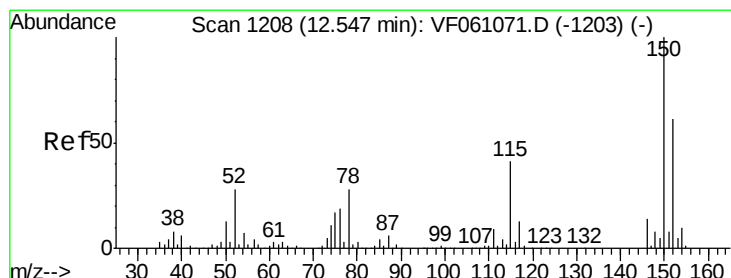
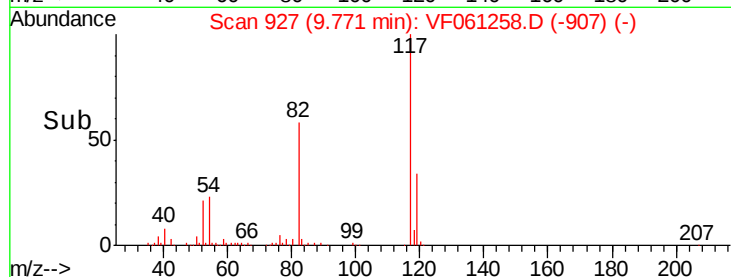
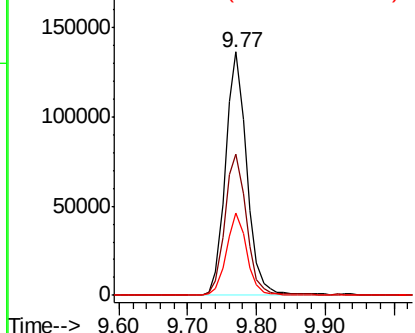
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.77 min Scan# 927
Delta R.T. -0.00 min
Lab File: VF061258.D
Acq: 2 Jan 2019 17:04

Instrument :
MSVOA_F
ClientSampleId :
TEST-PIT-D-11-12-B

Tot Ion	Ratio	Lower	Upper
117	100		
82	58.2	45.0	67.4
119	33.6	24.8	37.2

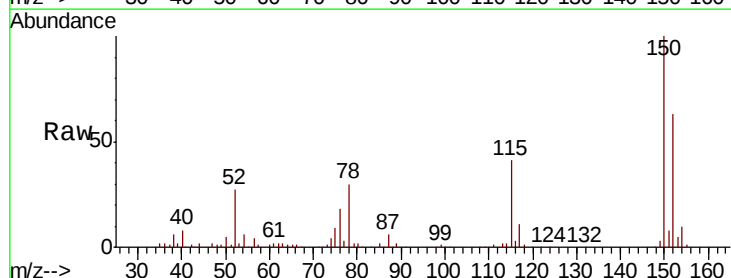


Abundance Ion 117.00 (116.70 to 117.70): V
Ion 82.00 (81.70 to 82.70): VF0
Ion 119.00 (118.70 to 119.70): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.54 min Scan# 1208
Delta R.T. -0.00 min
Lab File: VF061258.D
Acq: 2 Jan 2019 17:04

Tgt Ion	Ratio	Lower	Upper
152	100		
115	65.0	33.3	99.9
150	159.1	0.0	328.2



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

