

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF100518\
 Data File : VF060464.D
 Acq On : 5 Oct 2018 19:37
 Operator : VA/AP
 Sample : J5270-04RE
 Misc : 5.01/5mL/MSVOA F/SOIL
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 STOCK-PILE-BRE

Quant Time: Oct 08 10:00:24 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F100118S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 02 11:42:56 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.03	168	72850	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	5.75	114	76036	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.91	117	20559	50.00	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	12.62	152	3653	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.00	65	39838	34.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	69.90%	
35) Dibromofluoromethane	4.28	113	41726	58.41	ug/l	0.01
Spiked Amount	50.000		Recovery	=	116.82%	
50) Toluene-d8	7.69	98	36649	20.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	41.66%	
62) 4-Bromofluorobenzene	11.49	95	4607	5.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	11.48%	

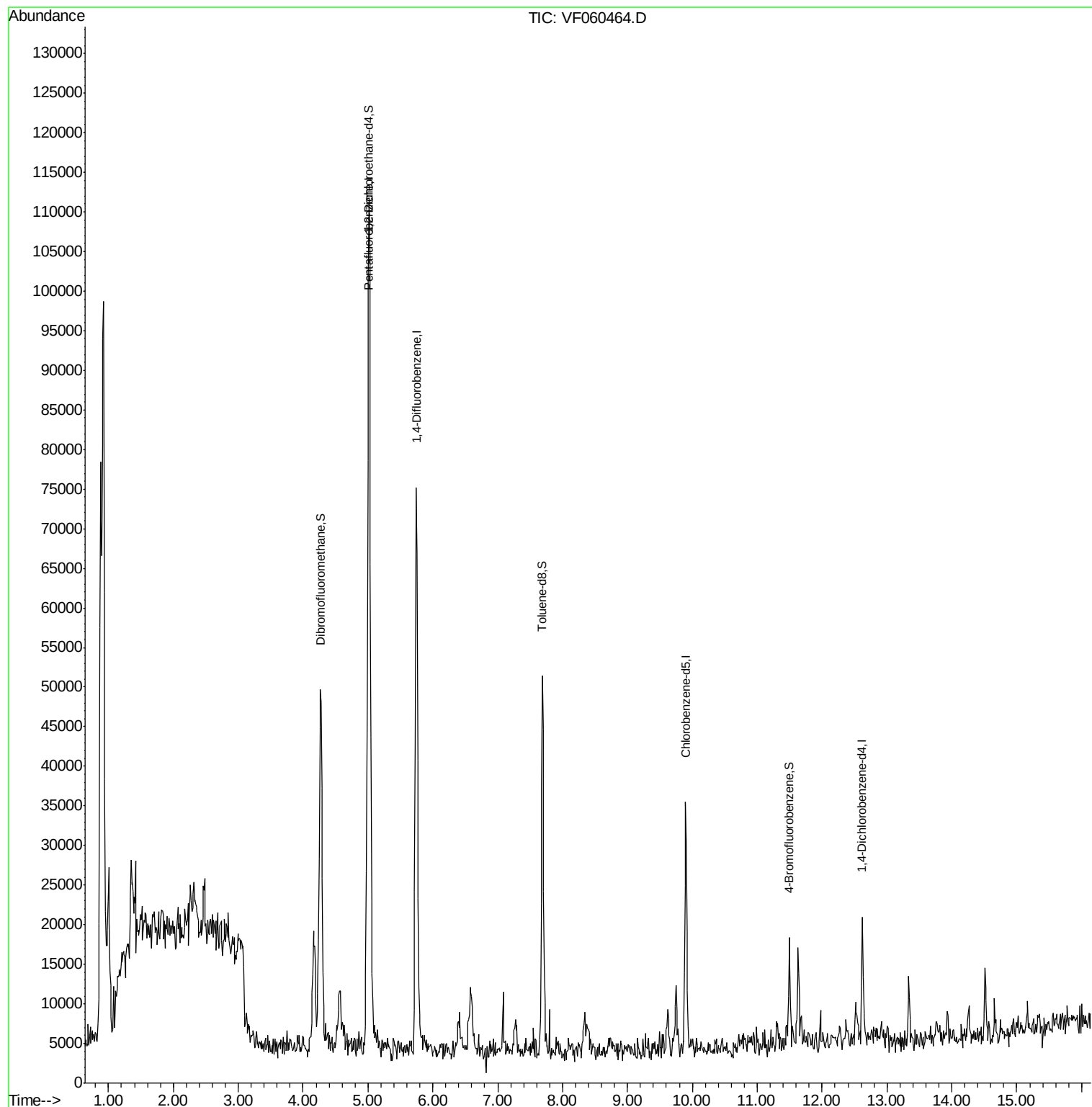
Target Compounds	Qvalue

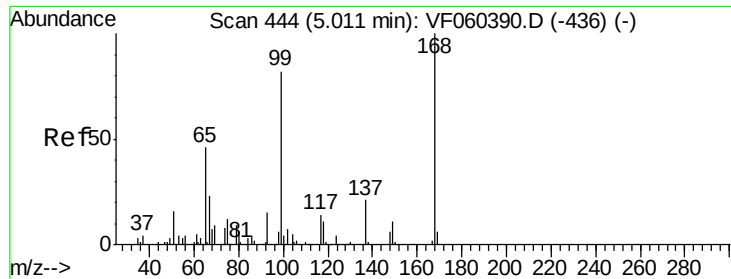
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF100518\
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Quant Title : SW846 8260
QLast Update : Tue Oct 02 11:42:56 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.03 min Scan# 446

Delta R.T. 0.01 min

Lab File: VF060464.D

Acq: 5 Oct 2018 19:37

Instrument :

MSVOA_F

ClientSampleId :

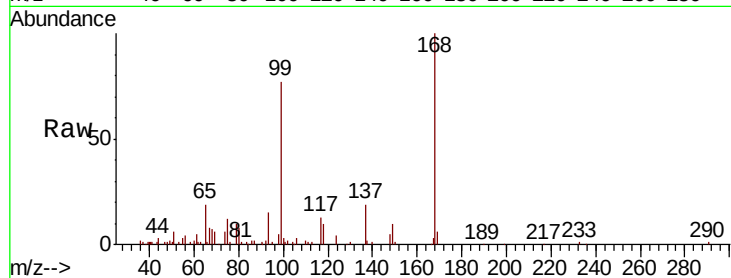
STOCK-PILE-BRE

Tot Ion:168 Resp: 72850

Ion Ratio Lower Upper

168 100

99 77.1 65.3 97.9



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

5.03

Time-->

Abundance

Scan 446 (5.026 min): VF060464.D (-424) (-)

Ref 50

m/z-->

Mass spectrum showing relative abundance (0 to 50) versus m/z (40 to 280). Key peaks are labeled: 49, 65, 81, 99, 117, 137, 168, 189, 217, 233, 290.

Abundance

Raw 50

m/z-->

Mass spectrum showing relative abundance (0 to 50) versus m/z (40 to 280). Key peaks are labeled: 44, 65, 81, 99, 117, 137, 168, 189, 217, 233, 290.

Abundance

Scan 442 (4.992 min): VF060390.D (-434) (-)

Ref 50

m/z-->

Mass spectrum showing relative abundance (0 to 50) versus m/z (40 to 300). Key peaks are labeled: 49, 65, 81, 99, 117, 137, 168, 195, 225, 282.

Abundance

Raw 50

m/z-->

Mass spectrum showing relative abundance (0 to 50) versus m/z (40 to 300). Key peaks are labeled: 44, 65, 81, 99, 117, 137, 168, 193, 215, 267, 299.

Abundance

Scan 443 (4.996 min): VF060464.D (-422) (-)

Ref 50

m/z-->

Mass spectrum showing relative abundance (0 to 50) versus m/z (40 to 300). Key peaks are labeled: 49, 65, 81, 99, 117, 137, 168, 193, 219, 267, 299.

Abundance

Raw 50

m/z-->

Mass spectrum showing relative abundance (0 to 50) versus m/z (40 to 300). Key peaks are labeled: 44, 65, 81, 99, 117, 137, 168, 193, 215, 267, 299.

Abundance Ion 65.00 (64.70 to 65.70): VF0

Ion 67.00 (66.70 to 67.70): VF0

5.00

Time-->

Abundance

Scan 443 (4.996 min): VF060464.D (-422) (-)

Ref 50

m/z-->

Mass spectrum showing relative abundance (0 to 50) versus m/z (40 to 300). Key peaks are labeled: 49, 65, 81, 99, 117, 137, 168, 193, 219, 267, 299.

Abundance

Raw 50

m/z-->

Mass spectrum showing relative abundance (0 to 50) versus m/z (40 to 300). Key peaks are labeled: 44, 65, 81, 99, 117, 137, 168, 193, 215, 267, 299.

Abundance

Scan 443 (4.996 min): VF060464.D (-422) (-)

Ref 50

m/z-->

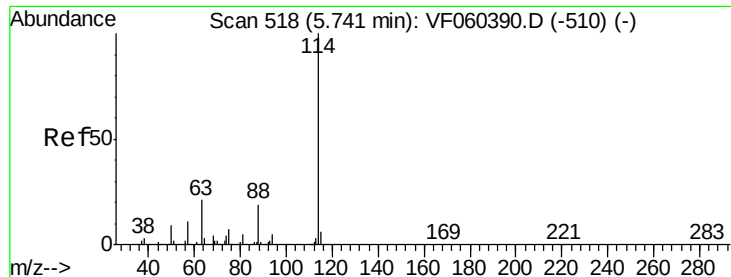
Mass spectrum showing relative abundance (0 to 50) versus m/z (40 to 300). Key peaks are labeled: 49, 65, 81, 99, 117, 137, 168, 193, 219, 267, 299.

Abundance

Raw 50

m/z-->

Mass spectrum showing relative abundance (0 to 50) versus m/z (40 to 300). Key peaks are labeled: 44, 65, 81, 99, 117, 137, 168, 193, 215, 267, 299.



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.75 min Scan# 519

Delta R.T. 0.00 min

Lab File: VF060464.D

Acq: 5 Oct 2018 19:37

Instrument :

MSVOA_F

ClientSampleId :

STOCK-PILE-BRE

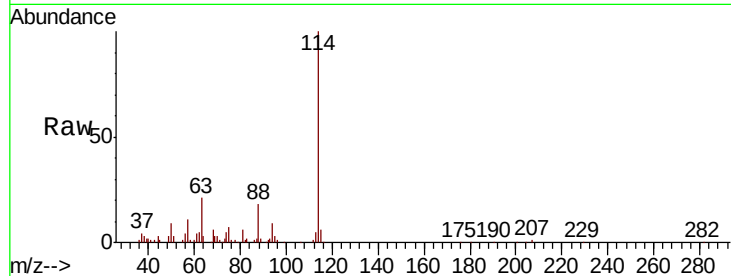
Tot Ion:114 Resp: 76036

Ion Ratio Lower Upper

114 100

63 20.6 0.0 42.2

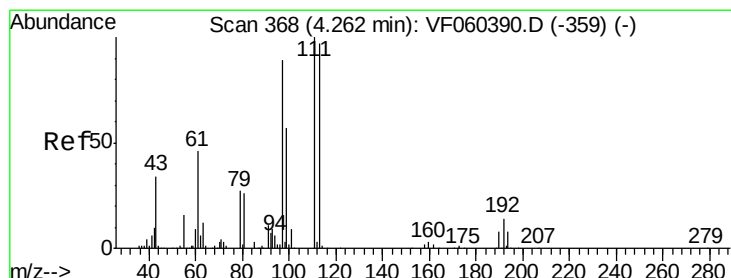
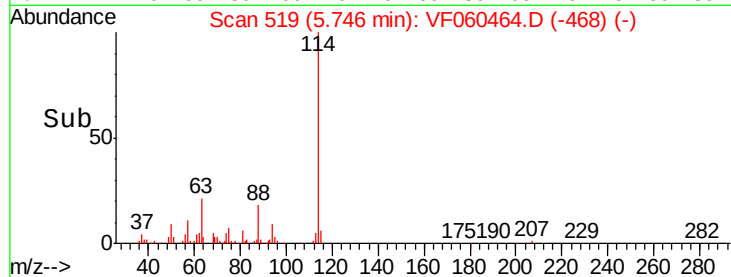
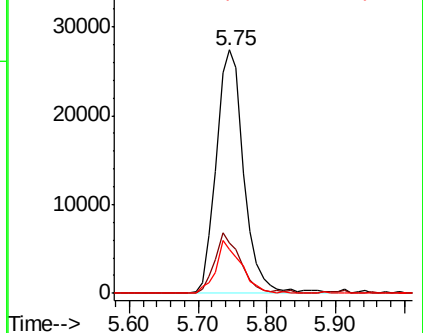
88 18.3 0.0 38.8



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: 58.414 ug/l

RT: 4.28 min Scan# 370

Delta R.T. 0.01 min

Lab File: VF060464.D

Acq: 5 Oct 2018 19:37

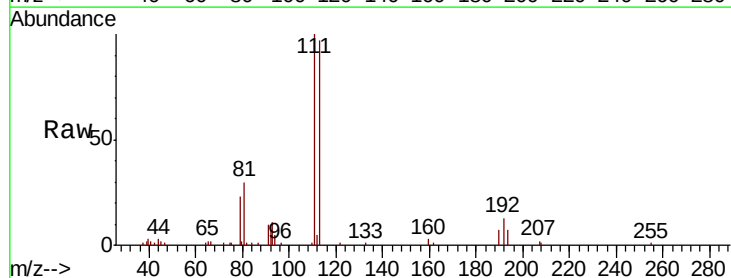
Tgt Ion:113 Resp: 41726

Ion Ratio Lower Upper

113 100

111 108.6 82.3 123.5

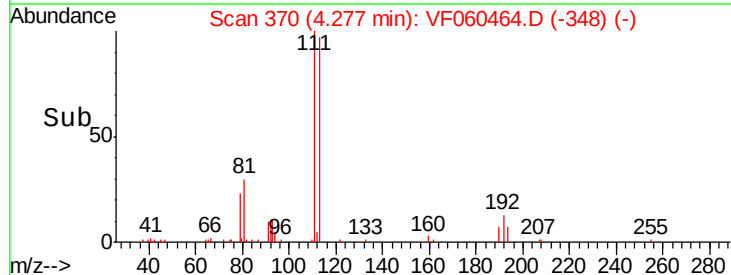
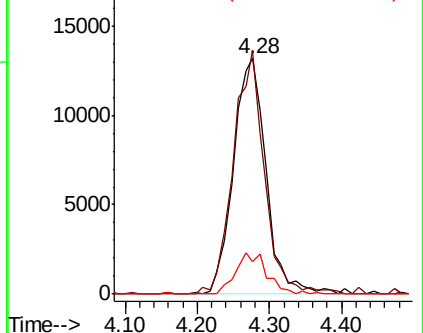
192 13.7 11.8 17.6

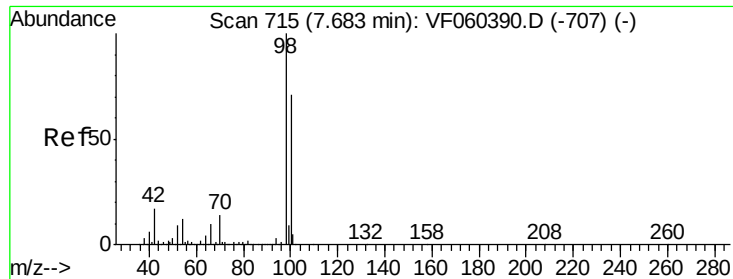


Abundance Ion 113.00 (112.70 to 113.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 192.00 (191.70 to 192.70): V

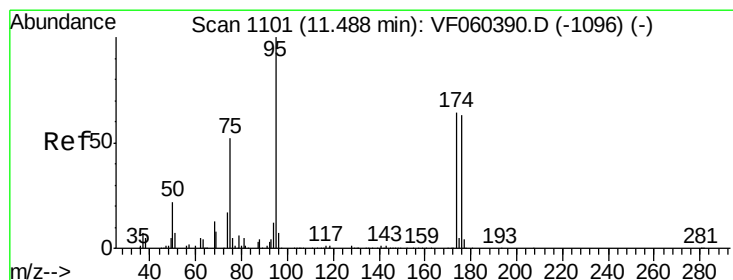
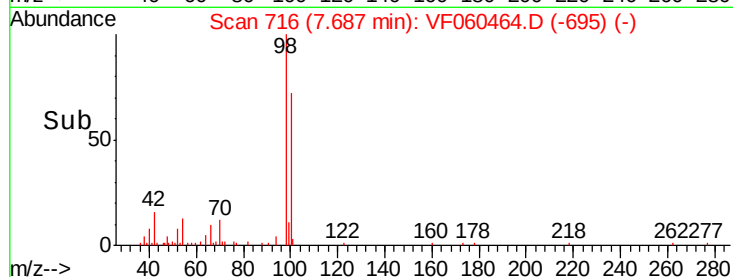
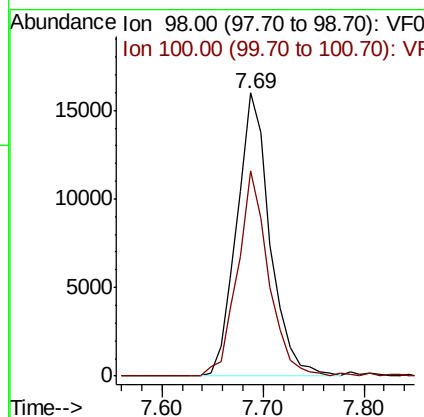
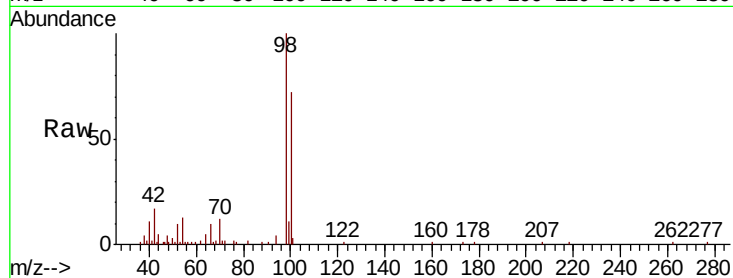




#50
Toluene-d8
Concen: 20.833 ug/l
RT: 7.69 min Scan# 716
Delta R.T. 0.00 min
Lab File: VF060464.D
Acq: 5 Oct 2018 19:37

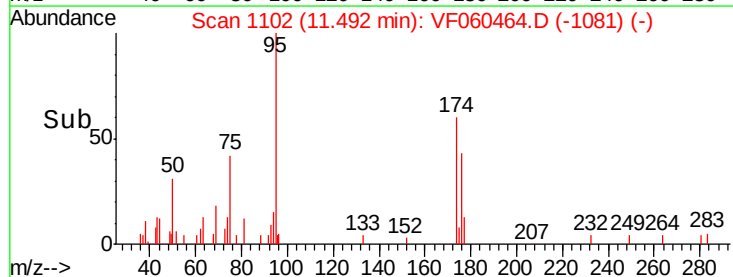
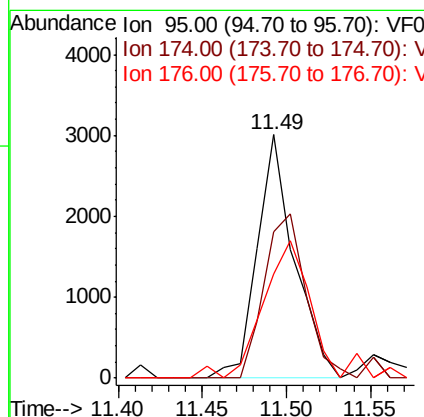
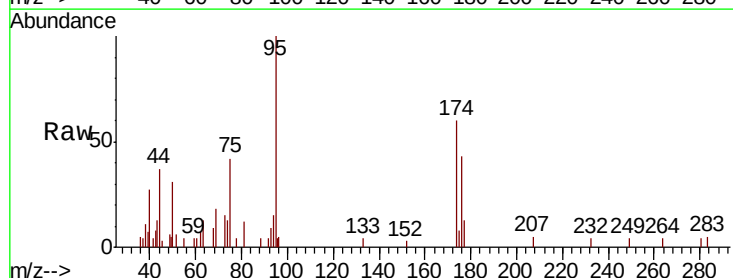
Instrument :
MSVOA_F
ClientSampleId :
STOCK-PILE-BRE

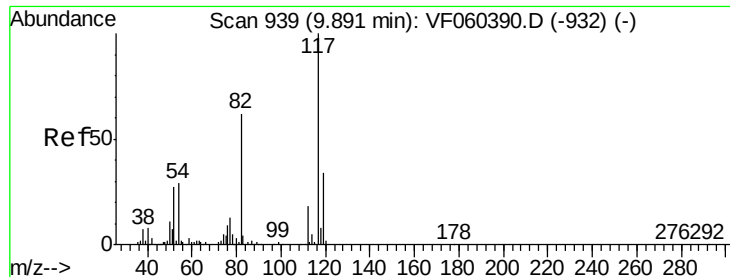
Tot Ion: 98 Resp: 36649
Ion Ratio Lower Upper
98 100
100 72.4 56.5 84.7



#62
4-Bromofluorobenzene
Concen: 5.735 ug/l
RT: 11.49 min Scan# 1102
Delta R.T. 0.00 min
Lab File: VF060464.D
Acq: 5 Oct 2018 19:37

Tgt Ion: 95 Resp: 4607
Ion Ratio Lower Upper
95 100
174 57.5 0.0 129.0
176 40.8 0.0 125.6

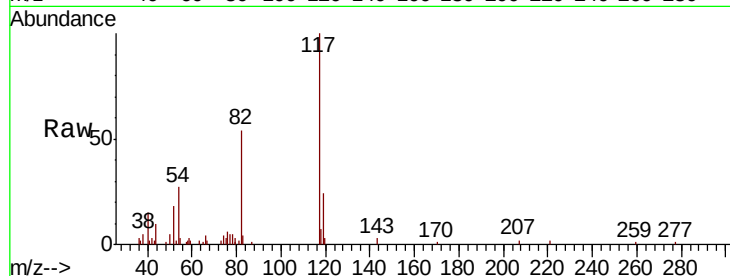




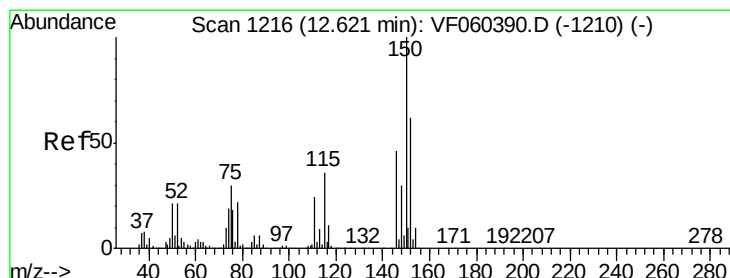
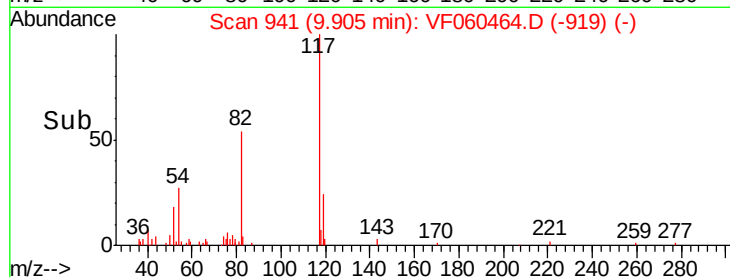
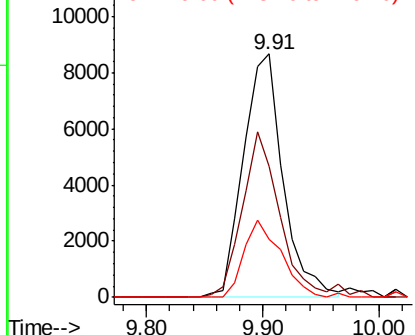
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.91 min Scan# 941
Delta R.T. 0.01 min
Lab File: VF060464.D
Acq: 5 Oct 2018 19:37

Instrument :
MSVOA_F
ClientSampleId :
STOCK-PILE-BRE

Tot Ion:117 Resp: 20559
Ion Ratio Lower Upper
117 100
82 54.0 49.5 74.3
119 23.6 27.0 40.6#

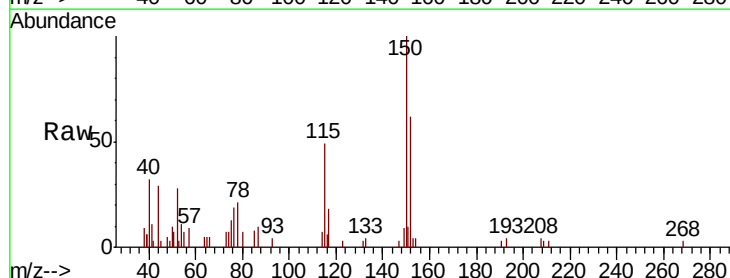


Abundance Ion 117.00 (116.70 to 117.70): V
Ion 82.00 (81.70 to 82.70): VF0
Ion 119.00 (118.70 to 119.70): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.62 min Scan# 1216
Delta R.T. -0.01 min
Lab File: VF060464.D
Acq: 5 Oct 2018 19:37

Tgt Ion:152 Resp: 3653
Ion Ratio Lower Upper
152 100
115 78.9 28.6 85.8
150 161.7 0.0 324.6



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

