

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF090718\
 Data File : VF060215.D
 Acq On : 7 Sep 2018 17:26
 Operator : VA/AP
 Sample : J4809-01
 Misc : 5.52g/5mL/MSVOA F/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 MS-DRUM-1-STONE

Quant Time: Sep 08 00:13:07 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F090618S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 07 10:44:05 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.04	168	37657	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.76	114	49841	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.92	117	48477	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.64	152	29560	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.01	65	23791	36.16	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	72.32%	
35) Dibromofluoromethane	4.29	113	18676	38.25	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	76.50%	
50) Toluene-d8	7.71	98	45714	37.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	75.04%	
62) 4-Bromofluorobenzene	11.51	95	22245	32.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	64.72%	

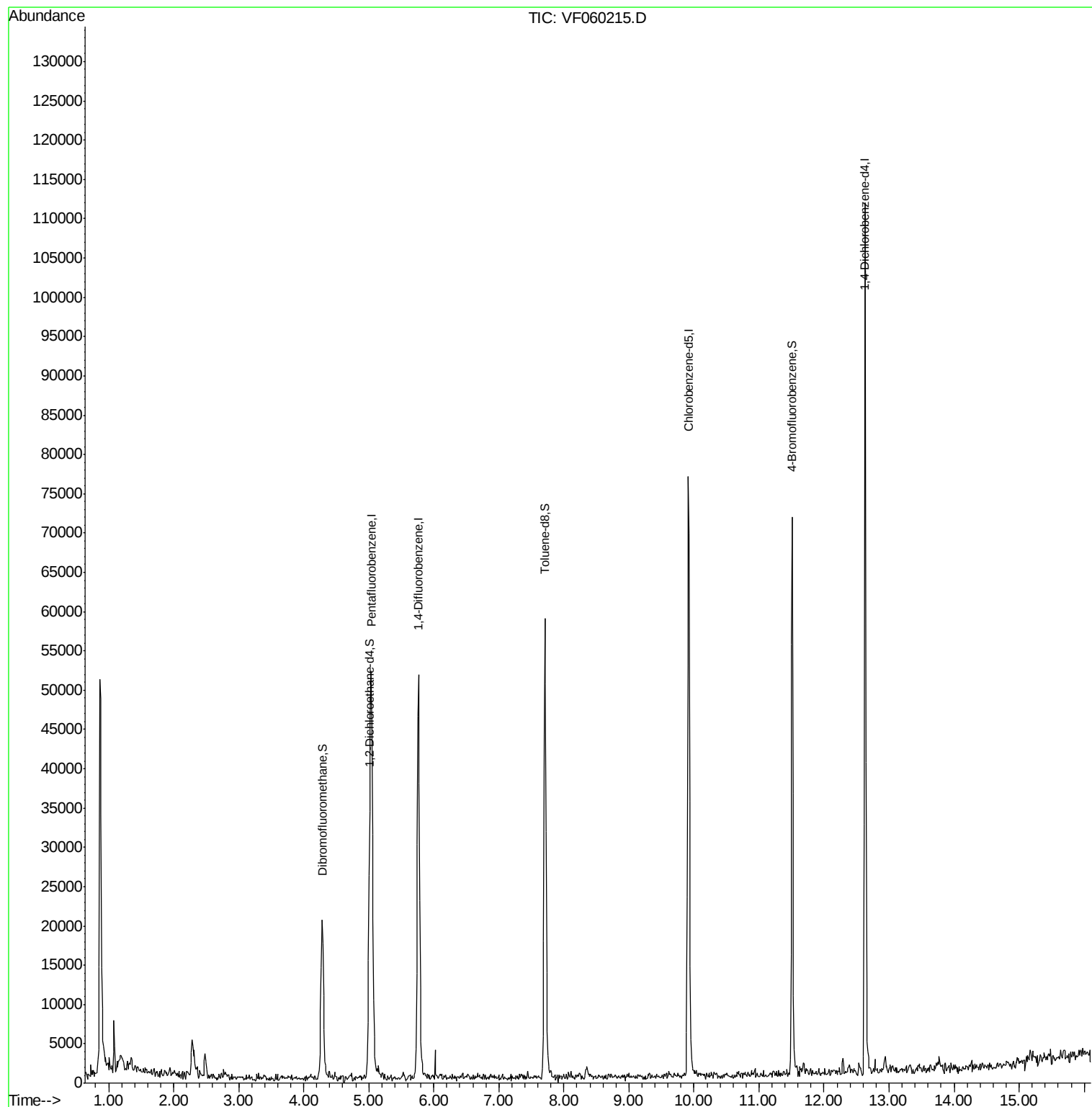
Target Compounds	Qvalue

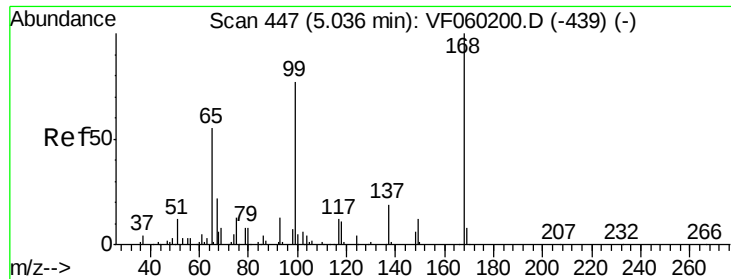
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.04 min Scan# 447

Delta R.T. -0.00 min

Lab File: VF060215.D

Acq: 7 Sep 2018 17:26

Instrument :

MSVOA_F

ClientSampleId :

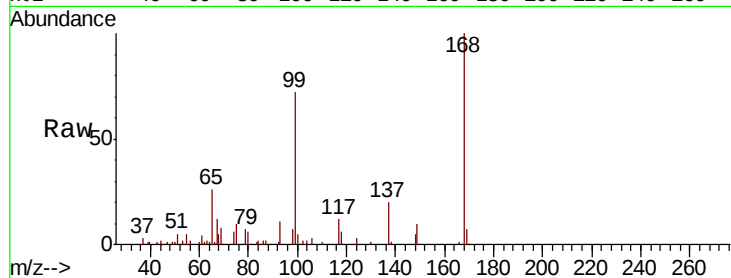
MS-DRUM-1-STONE

Tot Ion:168 Resp: 37657

Ion Ratio Lower Upper

168 100

99 72.4 61.8 92.6



Abundance Ion 168.00 (167.70 to 168.70): V

Ion 99.00 (98.70 to 99.70): VF0

5.04

15000

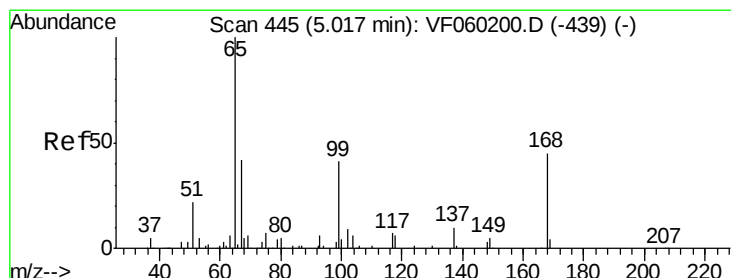
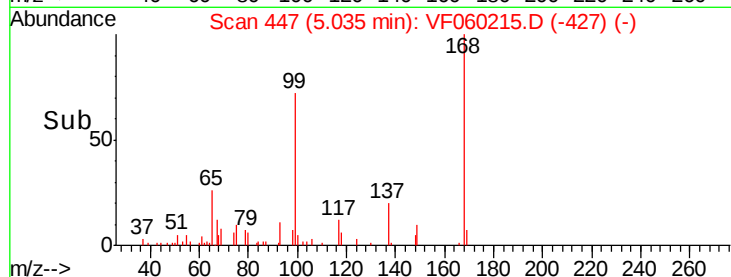
10000

5000

0

Time-->

4.90 5.00 5.10 5.20



#33

1,2-Dichloroethane-d4

Concen: 36.16 ug/l

RT: 5.01 min Scan# 444

Delta R.T. -0.01 min

Lab File: VF060215.D

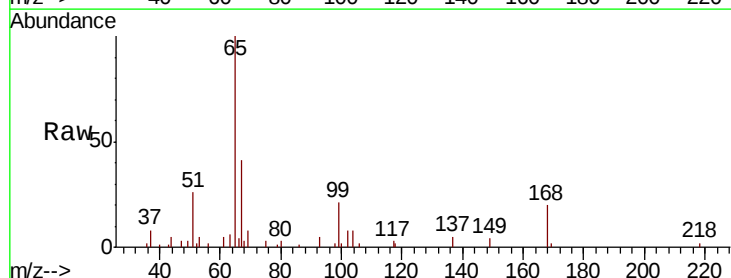
Acq: 7 Sep 2018 17:26

Tgt Ion: 65 Resp: 23791

Ion Ratio Lower Upper

65 100

67 40.8 0.0 87.2



Abundance Ion 65.00 (64.70 to 65.70): VF0

Ion 67.00 (66.70 to 67.70): VF0

5.01

8000

6000

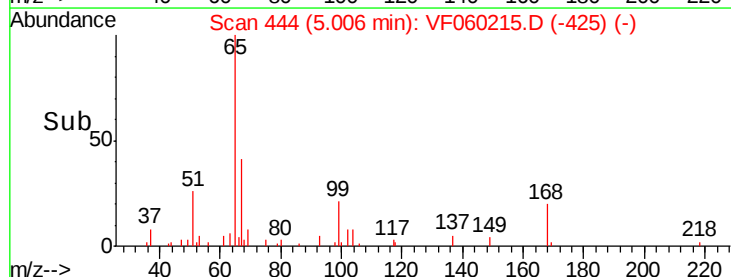
4000

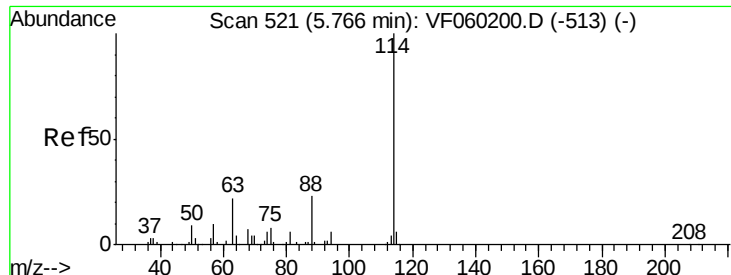
2000

0

Time-->

4.90 5.00 5.10 5.20





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 5.76 min Scan# 521

Delta R.T. -0.00 min

Lab File: VF060215.D

Acq: 7 Sep 2018 17:26

Instrument :

MSVOA_F

ClientSampleId :

MS-DRUM-1-STONE

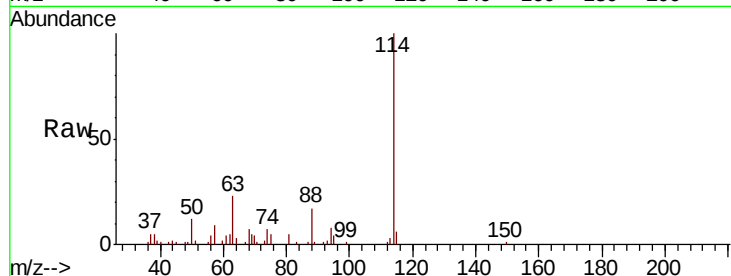
Tot Ion:114 Resp: 49841

Ion Ratio Lower Upper

114 100

63 22.9 0.0 45.6

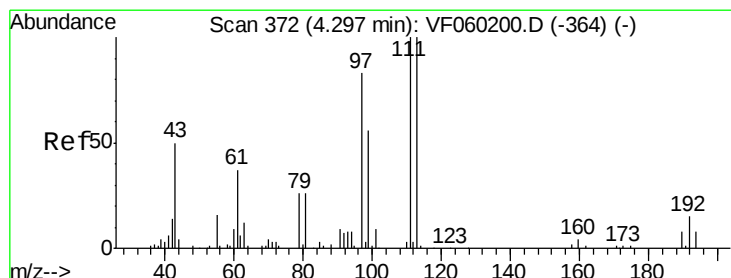
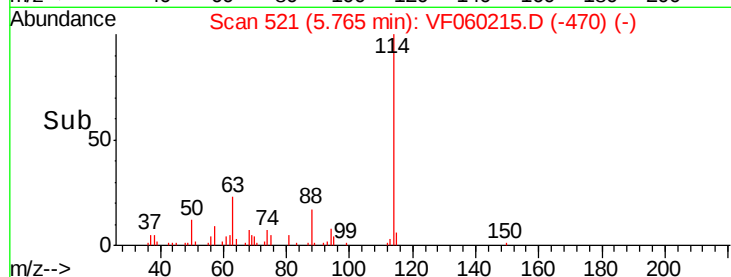
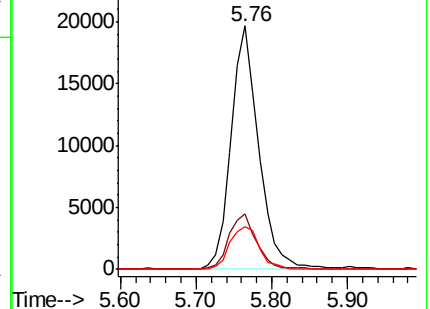
88 17.3 0.0 46.4



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: 38.25 ug/l

RT: 4.29 min Scan# 371

Delta R.T. -0.01 min

Lab File: VF060215.D

Acq: 7 Sep 2018 17:26

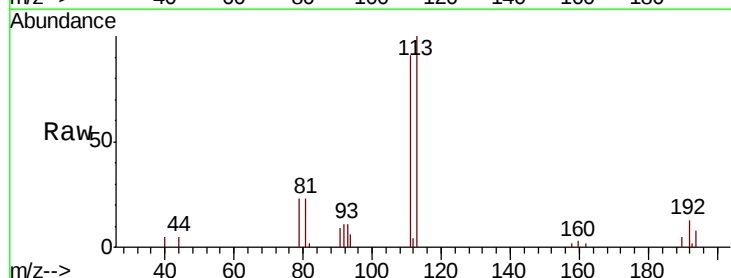
Tgt Ion:113 Resp: 18676

Ion Ratio Lower Upper

113 100

111 91.2 80.2 120.2

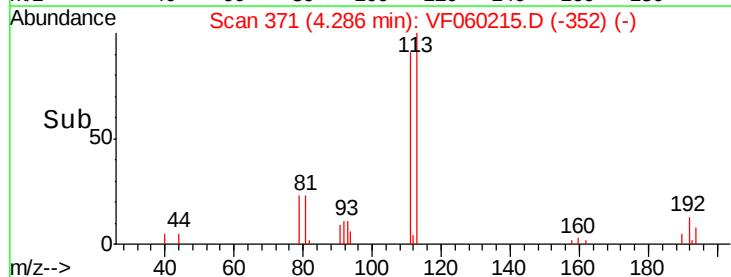
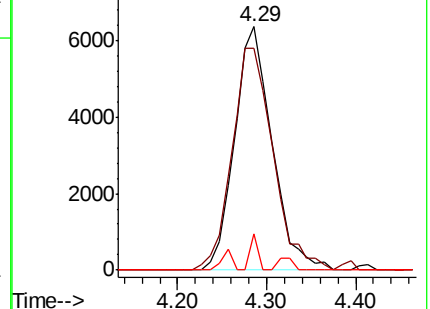
192 15.0 11.8 17.8

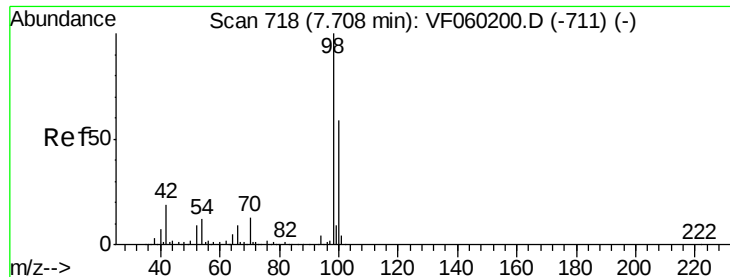


Abundance Ion 113.00 (112.70 to 113.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 192.00 (191.70 to 192.70): V





#50

Toluene-d8

Concen: 37.52 ug/l

RT: 7.71 min Scan# 718

Delta R.T. -0.00 min

Lab File: VF060215.D

Acq: 7 Sep 2018 17:26

Instrument :

MSVOA_F

ClientSampleId :

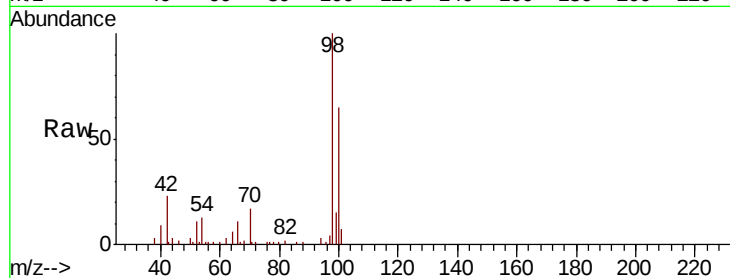
MS-DRUM-1-STONE

Tot Ion: 98 Resp: 45714

Ion Ratio Lower Upper

98 100

100 64.8 47.4 71.0



Abundance Ion 98.00 (97.70 to 98.70): VF0

Ion 100.00 (99.70 to 100.70): VF

7.71

20000

15000

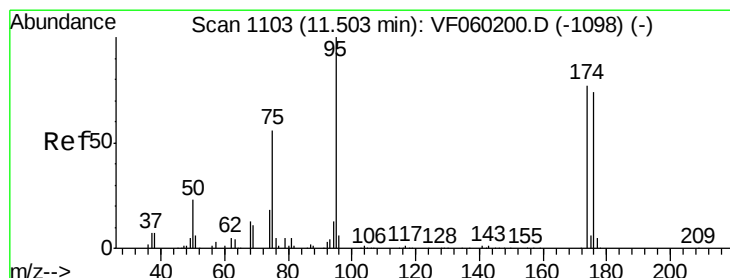
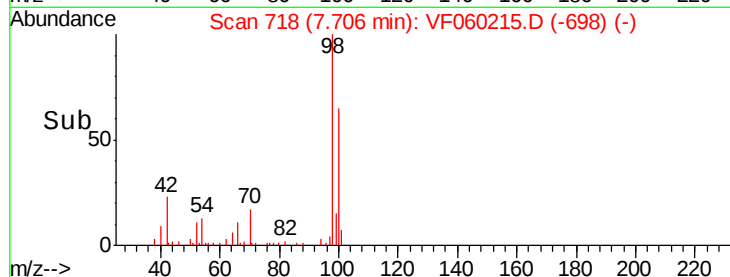
10000

5000

0

Time-->

7.60 7.70 7.80 7.90



#62

4-Bromofluorobenzene

Concen: 32.36 ug/l

RT: 11.51 min Scan# 1104

Delta R.T. 0.01 min

Lab File: VF060215.D

Acq: 7 Sep 2018 17:26

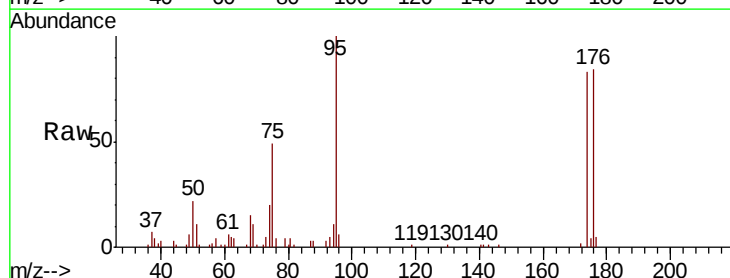
Tgt Ion: 95 Resp: 22245

Ion Ratio Lower Upper

95 100

174 83.1 0.0 153.2

176 83.7 0.0 147.2



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

11.51

15000

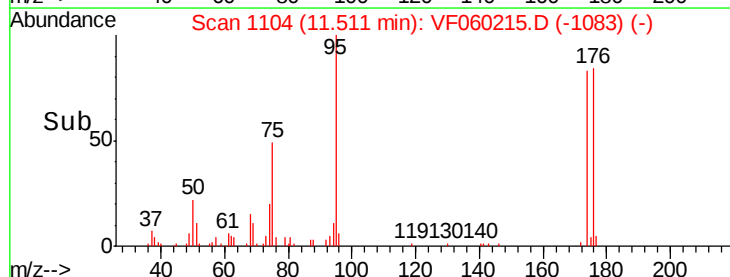
10000

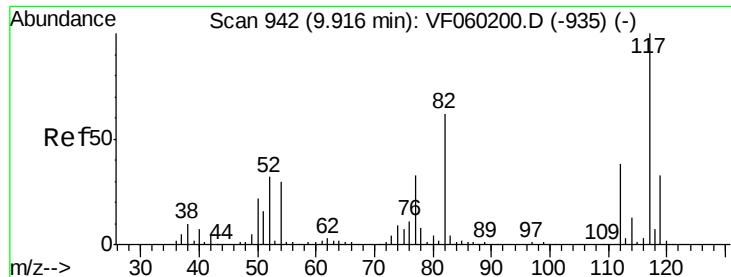
5000

0

Time-->

11.45 11.50 11.55

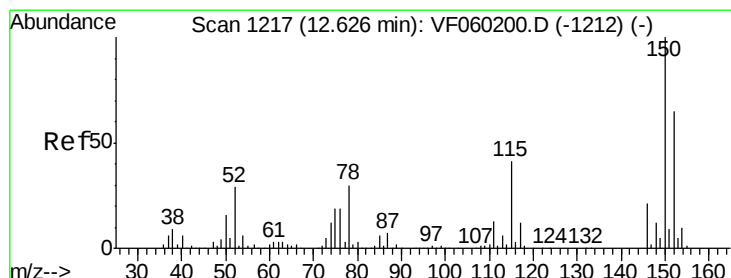
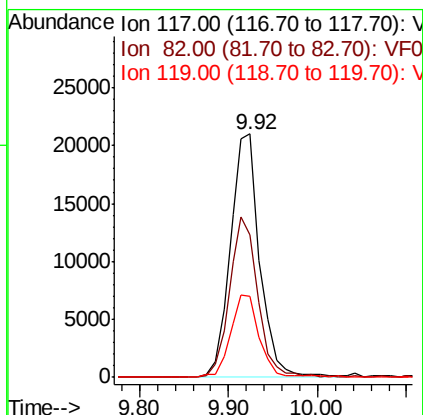
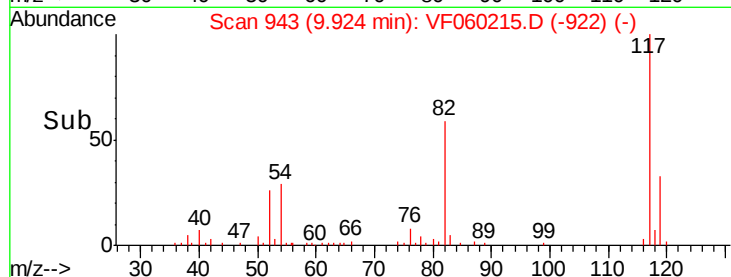
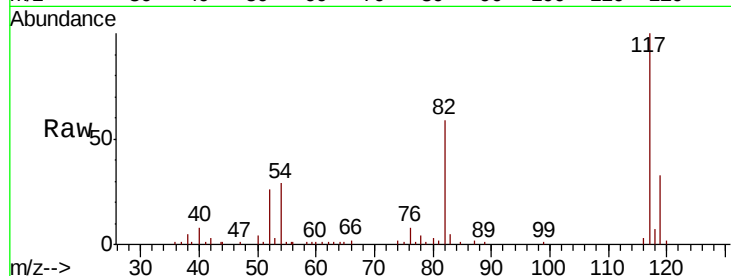




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.92 min Scan# 943
Delta R.T. 0.01 min
Lab File: VF060215.D
Acq: 7 Sep 2018 17:26

Instrument :
MSVOA_F
ClientSampleId :
MS-DRUM-1-STONE

Tot Ion:117 Resp: 48477
Ion Ratio Lower Upper
117 100
82 58.6 49.3 73.9
119 33.3 26.5 39.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.64 min Scan# 1218
Delta R.T. 0.01 min
Lab File: VF060215.D
Acq: 7 Sep 2018 17:26

Tgt Ion:152 Resp: 29560
Ion Ratio Lower Upper
152 100
115 61.8 31.5 94.5
150 157.9 0.0 310.4

