

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF091918\
 Data File : VF060292.D
 Acq On : 19 Sep 2018 21:22
 Operator : VA/AP
 Sample : J5004-04RE
 Misc : 9.58/5mL/MSVOA F/SOIL
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 FK-GF-02-026-BRE

Quant Time: Sep 20 05:02:40 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F091918S.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 20 02:58:42 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.03	168	50048	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	5.74	114	66561	50.00	ug/l	-0.01
63) Chlorobenzene-d5	9.89	117	51580	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	12.63	152	18778	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.01	65	14559	21.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	43.20%	
35) Dibromofluoromethane	4.27	113	19119	32.22	ug/l	-0.02
Spiked Amount	50.000		Recovery	=	64.44%	
50) Toluene-d8	7.70	98	56254	36.41	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	72.82%	
62) 4-Bromofluorobenzene	11.50	95	17426	26.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	52.18%	

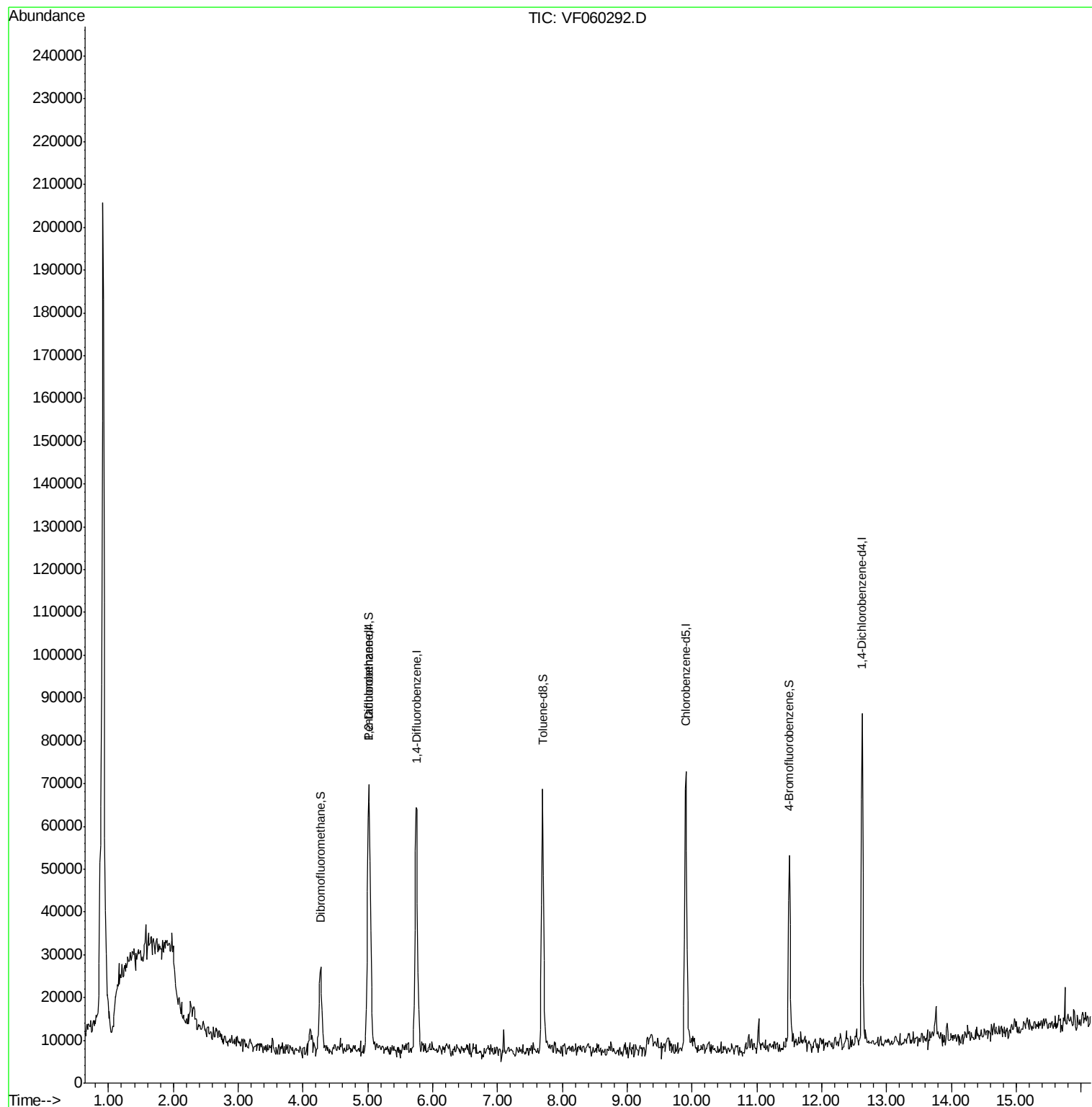
Target Compounds	Qvalue

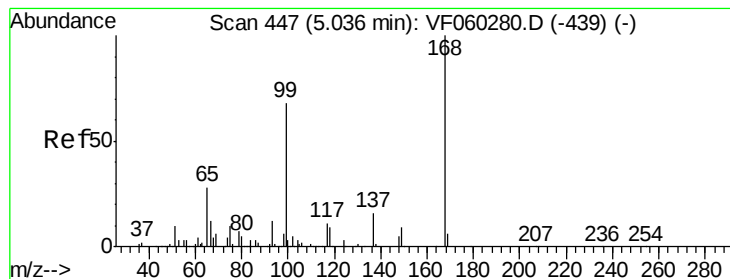
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Thu Sep 20 02:58:42 2018
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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.03 min Scan# 446

Delta R.T. -0.01 min

Lab File: VF060292.D

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Instrument :

MSVOA_F

ClientSampleId :

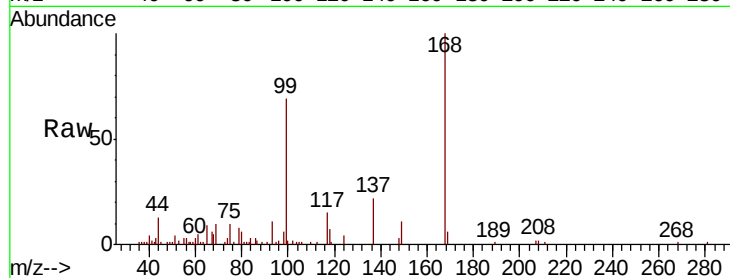
FK-GF-02-026-BRE

Tot Ion:168 Resp: 50048

Ion Ratio Lower Upper

168 100

99 69.1 54.8 82.2



Abundance Ion 168.00 (167.70 to 168.70): V

Ion 99.00 (98.70 to 99.70): VF0

5.03

15000

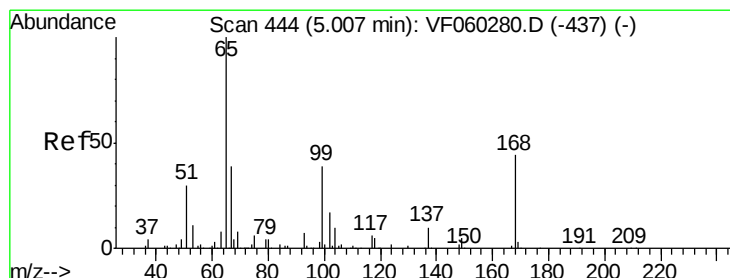
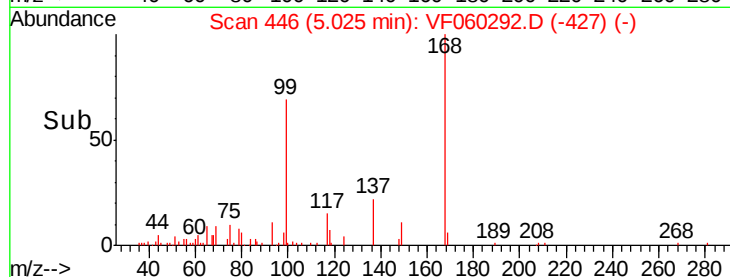
10000

5000

0

4.90 5.00 5.10 5.20

Time-->



#33

1,2-Dichloroethane-d4

Concen: 21.60 ug/l

RT: 5.01 min Scan# 444

Delta R.T. -0.00 min

Lab File: VF060292.D

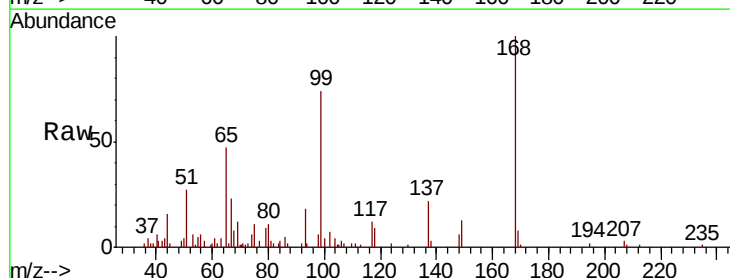
Acq: 19 Sep 2018 21:22

Tgt Ion: 65 Resp: 14559

Ion Ratio Lower Upper

65 100

67 46.4 0.0 94.4



Abundance Ion 65.00 (64.70 to 65.70): VF0

Ion 67.00 (66.70 to 67.70): VF0

5.01

6000

5000

4000

3000

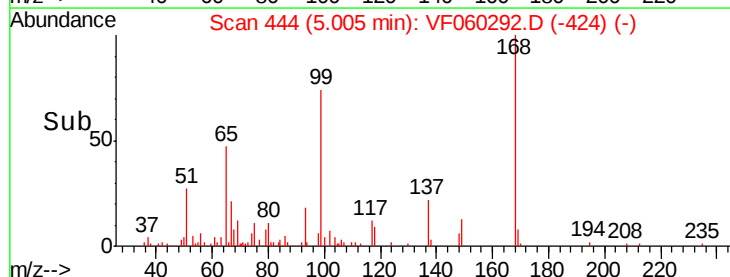
2000

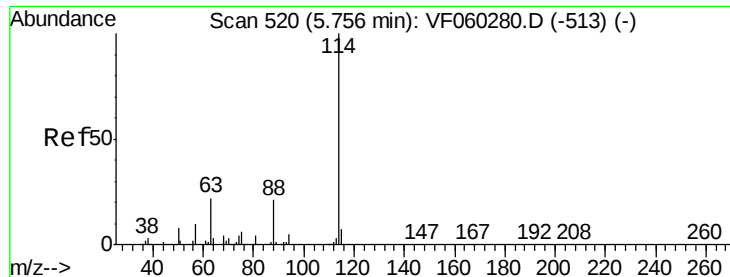
1000

0

4.90 4.95 5.00 5.05

Time-->





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 5.74 min Scan# 519

Delta R.T. -0.01 min

Lab File: VF060292.D

Acq: 19 Sep 2018 21:22

Instrument :

MSVOA_F

ClientSampleId :

FK-GF-02-026-BRE

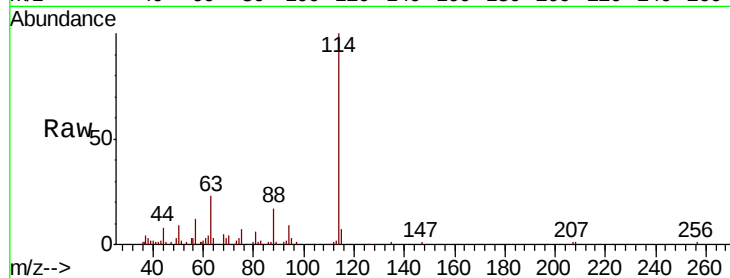
Tot Ion:114 Resp: 66561

Ion Ratio Lower Upper

114 100

63 23.3 0.0 43.8

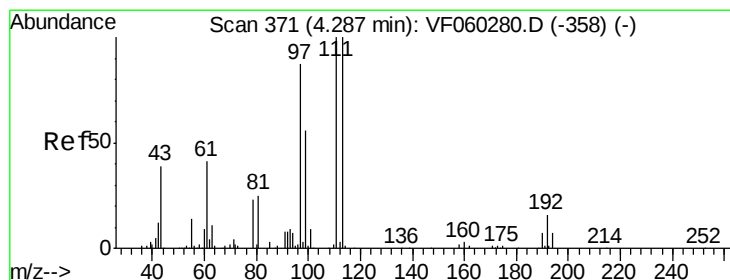
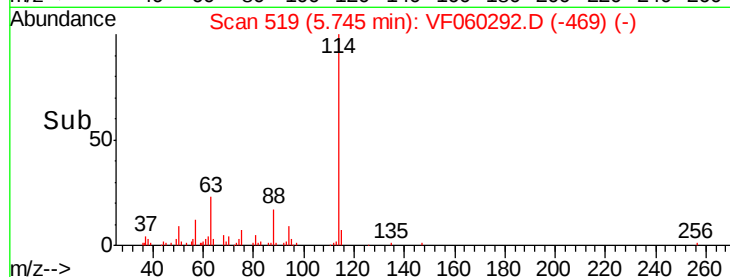
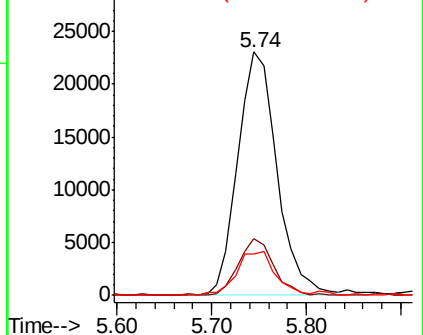
88 17.1 0.0 41.2



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: 32.22 ug/l

RT: 4.27 min Scan# 369

Delta R.T. -0.02 min

Lab File: VF060292.D

Acq: 19 Sep 2018 21:22

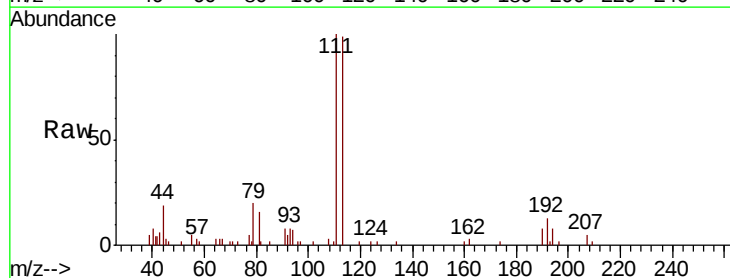
Tgt Ion:113 Resp: 19119

Ion Ratio Lower Upper

113 100

111 101.0 79.6 119.4

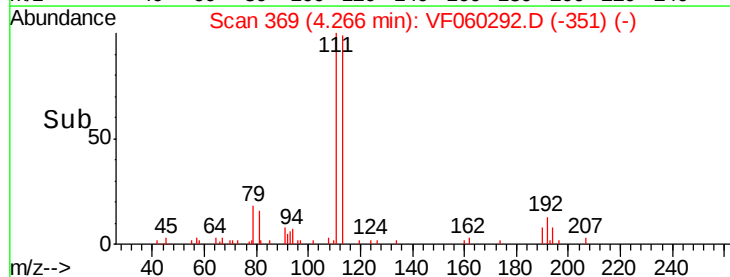
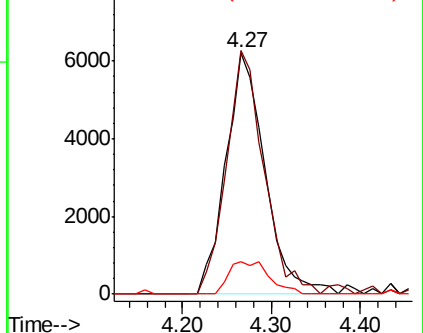
192 13.5 13.0 19.6

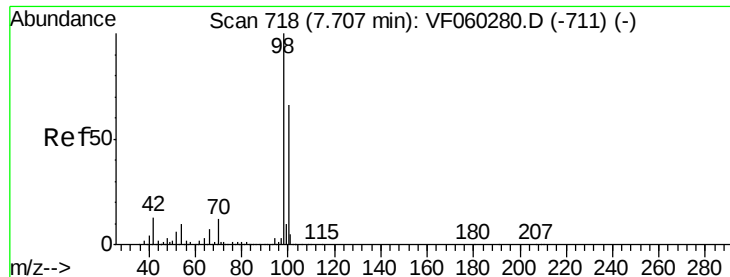


Abundance Ion 113.00 (112.70 to 113.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 192.00 (191.70 to 192.70): V





#50

Toluene-d8

Concen: 36.41 ug/l

RT: 7.70 min Scan# 717

Delta R.T. -0.01 min

Lab File: VF060292.D

Acq: 19 Sep 2018 21:22

Instrument :

MSVOA_F

ClientSampleId :

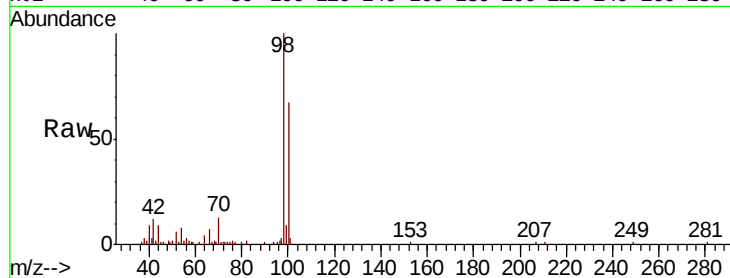
FK-GF-02-026-BRE

Tot Ion: 98 Resp: 56254

Ion Ratio Lower Upper

98 100

100 66.8 53.0 79.6



Abundance Ion 98.00 (97.70 to 98.70): VF0

Ion 100.00 (99.70 to 100.70): VF

25000

20000

15000

10000

5000

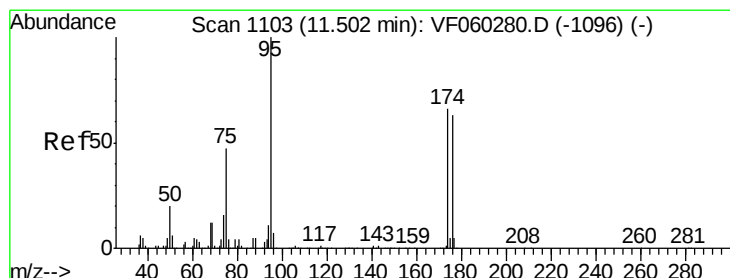
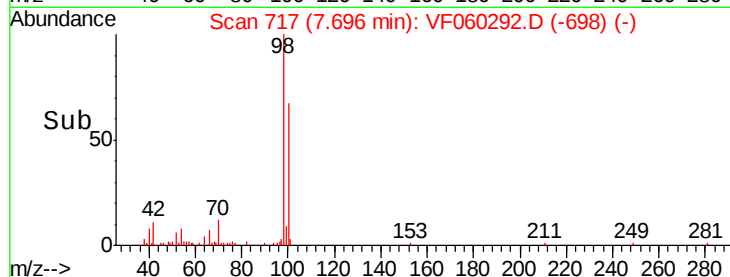
0

7.60

7.70

7.80

Time-->



#62

4-Bromofluorobenzene

Concen: 26.09 ug/l

RT: 11.50 min Scan# 1103

Delta R.T. -0.00 min

Lab File: VF060292.D

Acq: 19 Sep 2018 21:22

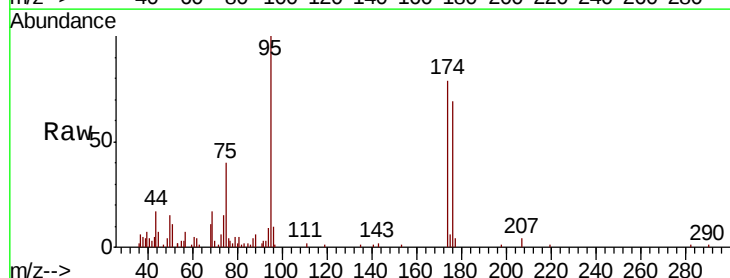
Tgt Ion: 95 Resp: 17426

Ion Ratio Lower Upper

95 100

174 79.2 0.0 131.2

176 69.4 0.0 126.6



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

12000

10000

8000

6000

4000

2000

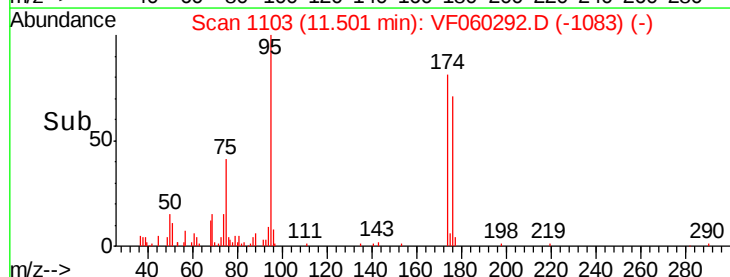
0

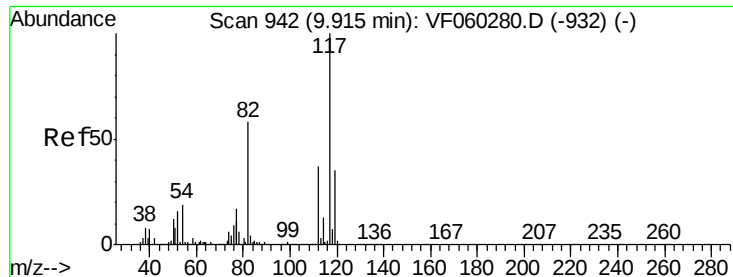
11.40

11.50

11.60

Time-->

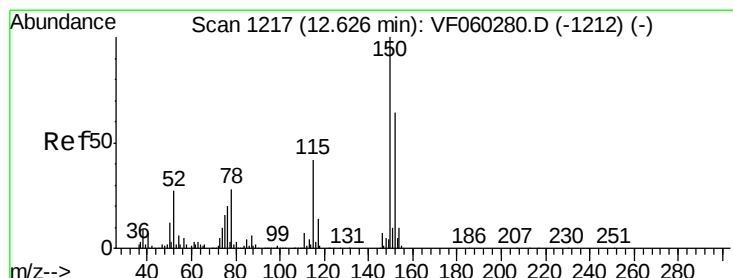
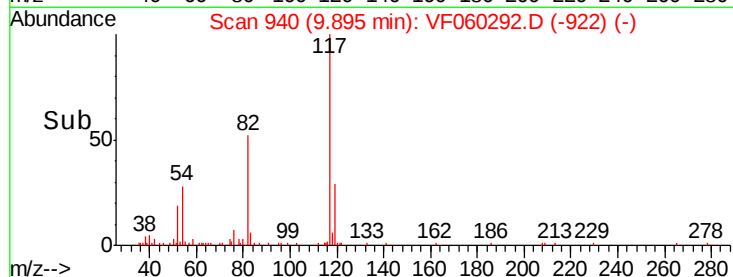
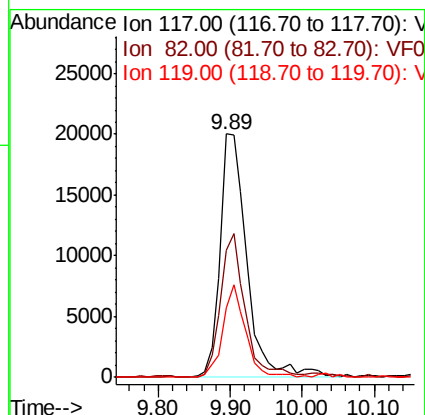
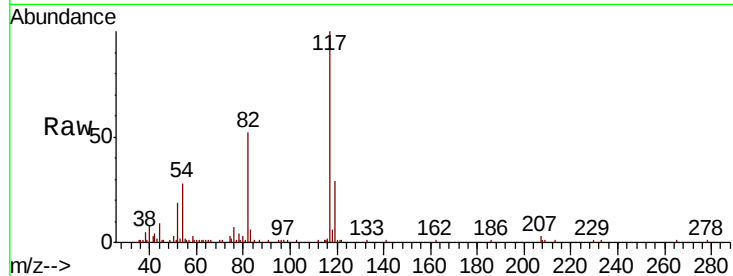




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.89 min Scan# 940
Delta R.T. -0.02 min
Lab File: VF060292.D
Acq: 19 Sep 2018 21:22

Instrument :
MSVOA_F
ClientSampleId :
FK-GF-02-026-BRE

Tot Ion:117 Resp: 51580
Ion Ratio Lower Upper
117 100
82 52.1 46.2 69.2
119 28.6 27.8 41.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.63 min Scan# 1217
Delta R.T. -0.00 min
Lab File: VF060292.D
Acq: 19 Sep 2018 21:22

Tgt Ion:152 Resp: 18778
Ion Ratio Lower Upper
152 100
115 49.2 32.6 97.8
150 161.9 0.0 314.2

