

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF092618\
 Data File : VF060348.D
 Acq On : 26 Sep 2018 13:25
 Operator : VA/AP
 Sample : VF0926SBL01
 Misc : 5.00/5mL/MSVOA F/SOIL
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 VF0926SBL01

Quant Time: Sep 27 09:57:48 2018
 Quant Method : Z:\V0ASRV\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	5.04	168	276385	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.76	114	470037	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.92	117	403412	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.63	152	216903	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.02	65	191832	51.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.10%	
35) Dibromofluoromethane	4.29	113	214676	51.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.46%	
50) Toluene-d8	7.70	98	537197	49.23	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	98.46%	
62) 4-Bromofluorobenzene	11.50	95	237168	50.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.56%	

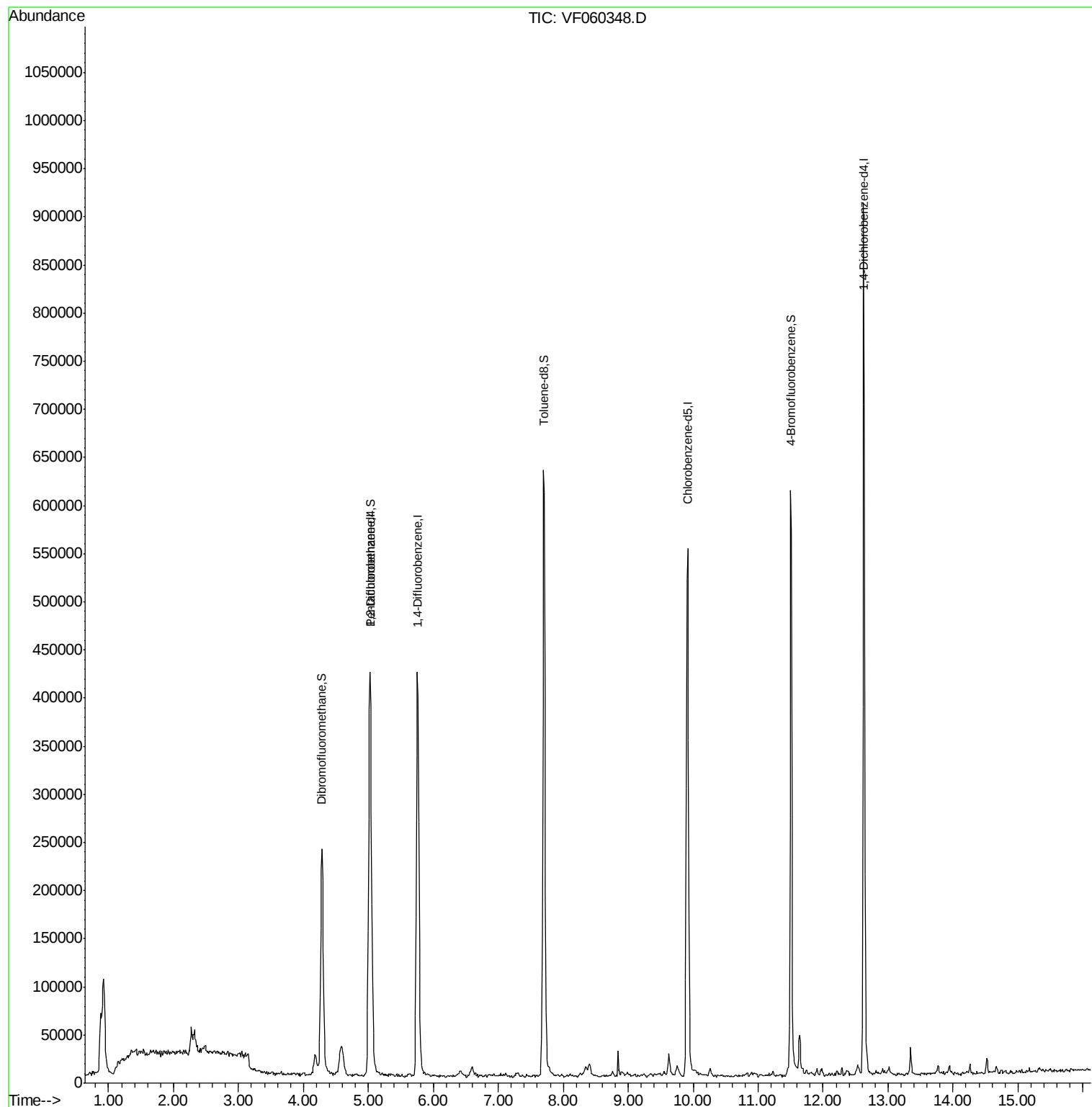
Target Compounds	Qvalue

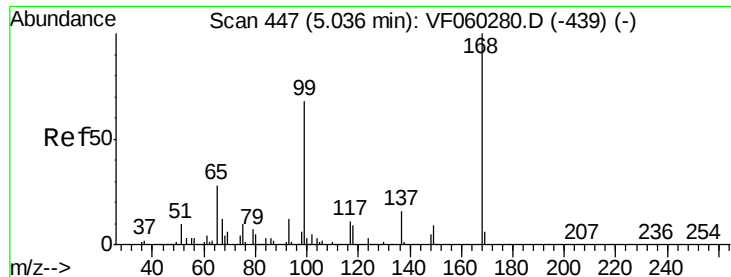
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.04 min Scan# 447

Delta R.T. -0.00 min

Lab File: VF060348.D

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Instrument :

MSVOA_F

ClientSampleId :

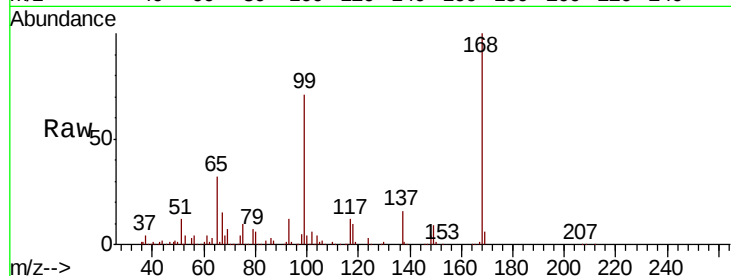
VF0926SBL01

Tot Ion:168 Resp: 276385

Ion Ratio Lower Upper

168 100

99 70.7 54.8 82.2



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

5.04

100000

80000

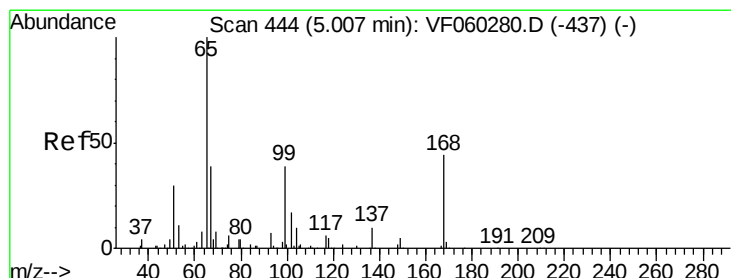
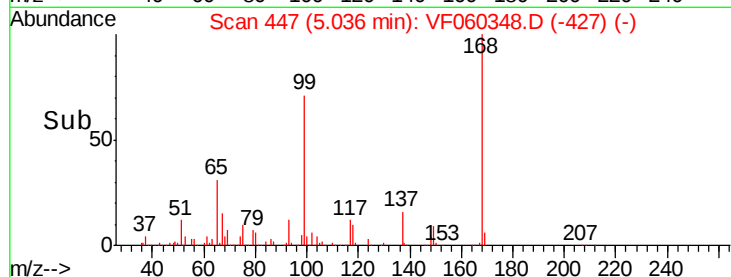
60000

40000

20000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 51.545 ug/l

RT: 5.02 min Scan# 445

Delta R.T. 0.01 min

Lab File: VF060348.D

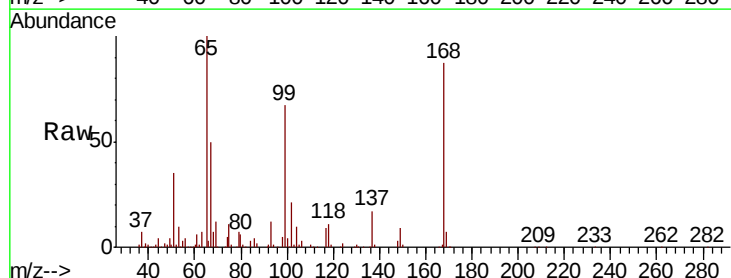
Acq: 26 Sep 2018 13:25

Tgt Ion: 65 Resp: 191832

Ion Ratio Lower Upper

65 100

67 50.1 0.0 94.4



Abundance Ion 65.00 (64.70 to 65.70): VF0

Ion 67.00 (66.70 to 67.70): VF0

5.02

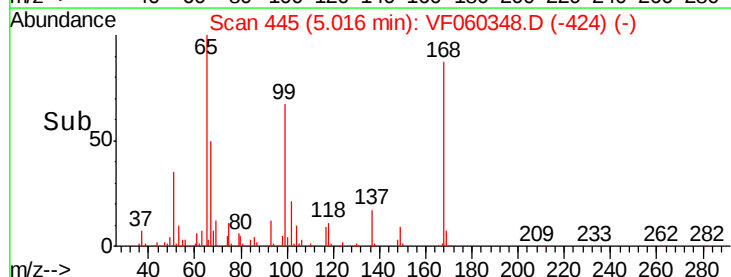
60000

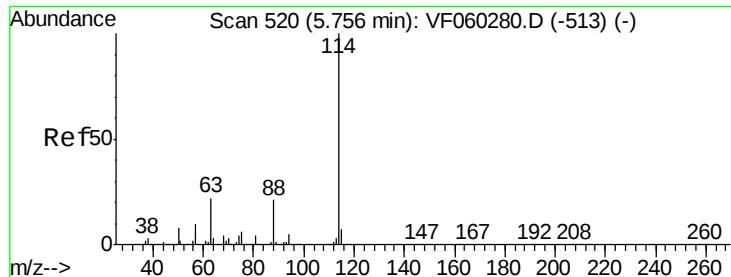
40000

20000

0

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.76 min Scan# 520

Delta R.T. -0.00 min

Lab File: VF060348.D

Acq: 26 Sep 2018 13:25

Instrument :

MSVOA_F

ClientSampleId :

VF0926SBL01

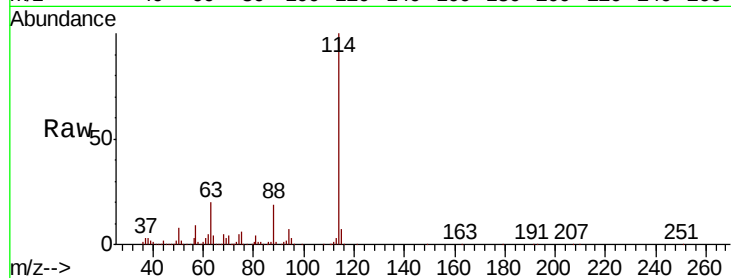
Tot Ion:114 Resp: 470037

Ion Ratio Lower Upper

114 100

63 20.5 0.0 43.8

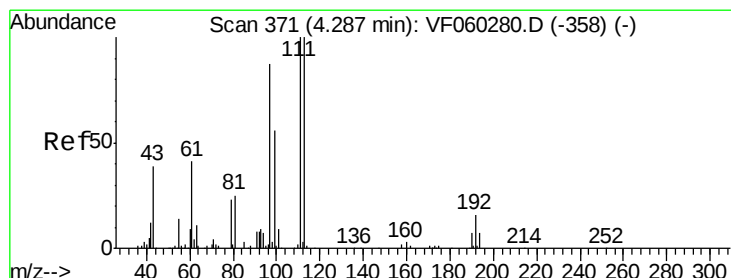
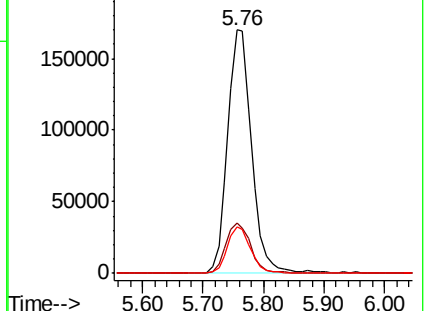
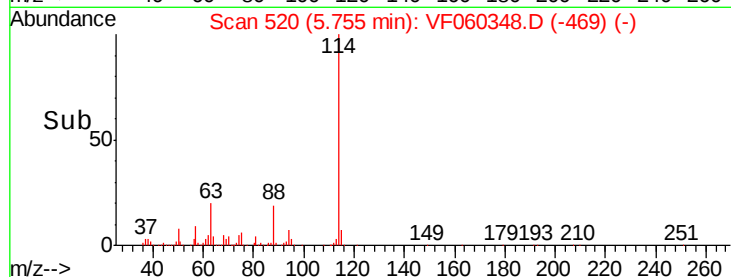
88 19.0 0.0 41.2



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: 51.235 ug/l

RT: 4.29 min Scan# 371

Delta R.T. -0.00 min

Lab File: VF060348.D

Acq: 26 Sep 2018 13:25

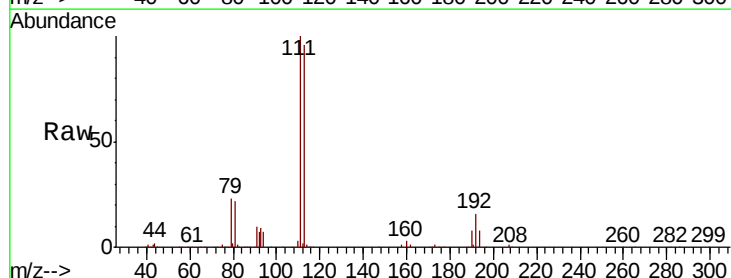
Tgt Ion:113 Resp: 214676

Ion Ratio Lower Upper

113 100

111 104.5 79.6 119.4

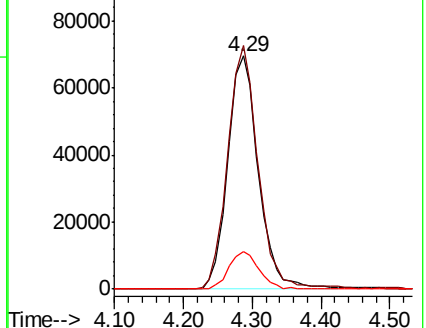
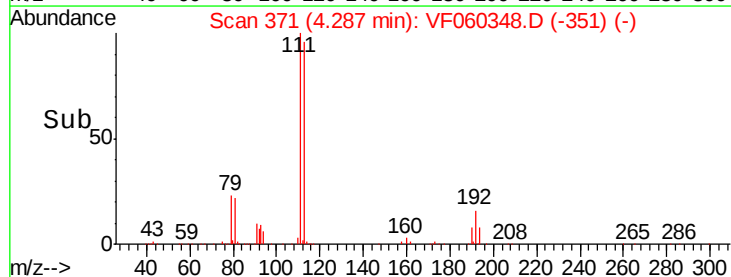
192 16.2 13.0 19.6

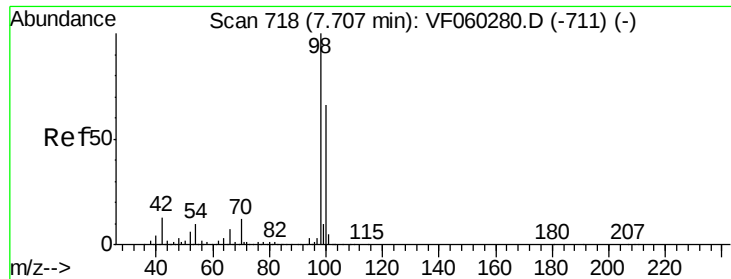


Abundance Ion 113.00 (112.70 to 113.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 192.00 (191.70 to 192.70): V





#50

Toluene-d8

Concen: 49.231 ug/l

RT: 7.70 min Scan# 717

Delta R.T. -0.01 min

Lab File: VF060348.D

Acq: 26 Sep 2018 13:25

Instrument :

MSVOA_F

ClientSampleId :

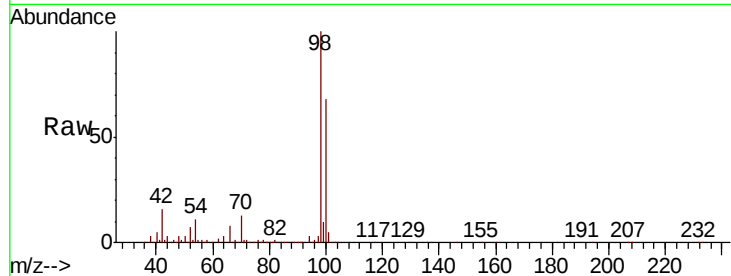
VF0926SBL01

Tot Ion: 98 Resp: 537197

Ion Ratio Lower Upper

98 100

100 68.0 53.0 79.6



Abundance Ion 98.00 (97.70 to 98.70): VF0

Ion 100.00 (99.70 to 100.70): VF

7.70

250000

200000

150000

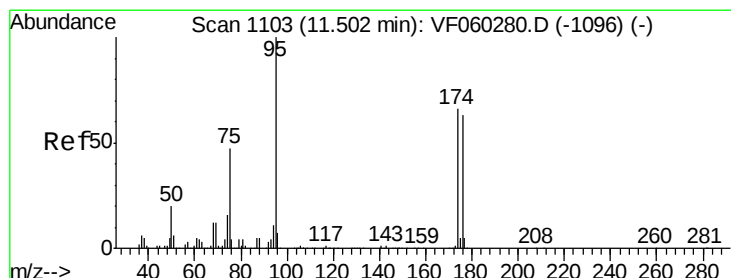
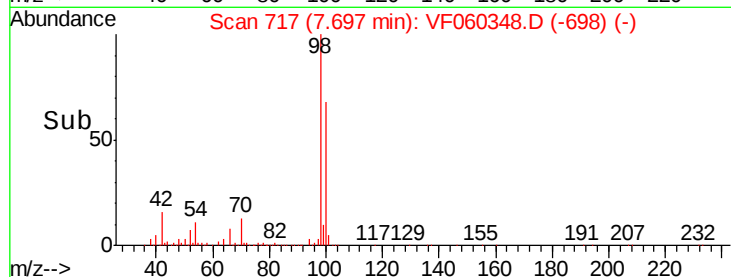
100000

50000

0

Time-->

7.60 7.70 7.80 7.90



#62

4-Bromofluorobenzene

Concen: 50.281 ug/l

RT: 11.50 min Scan# 1103

Delta R.T. -0.00 min

Lab File: VF060348.D

Acq: 26 Sep 2018 13:25

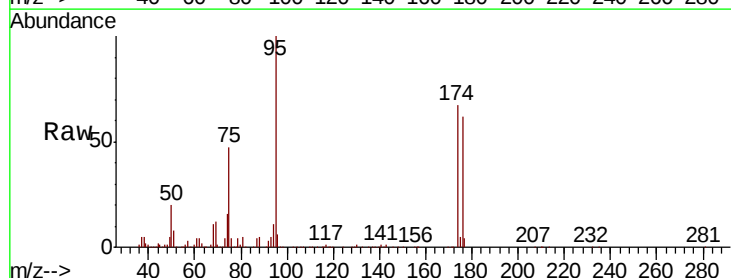
Tgt Ion: 95 Resp: 237168

Ion Ratio Lower Upper

95 100

174 66.7 0.0 131.2

176 62.0 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

150000

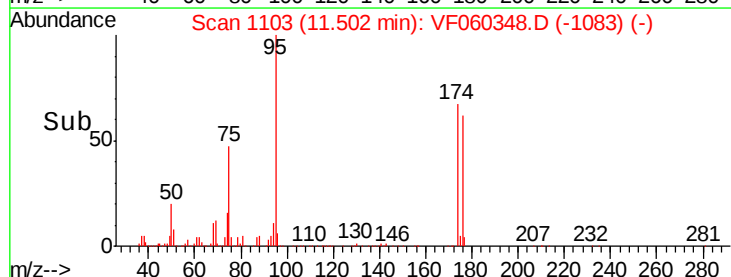
100000

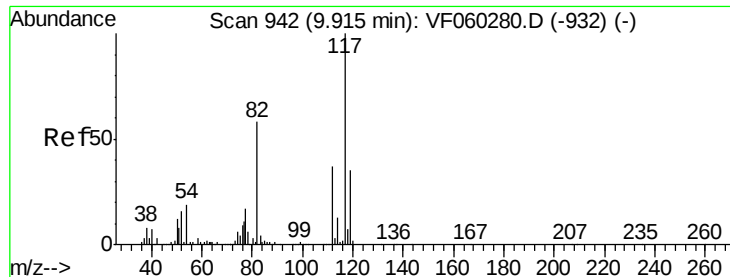
50000

0

Time-->

11.40 11.50 11.60 11.70

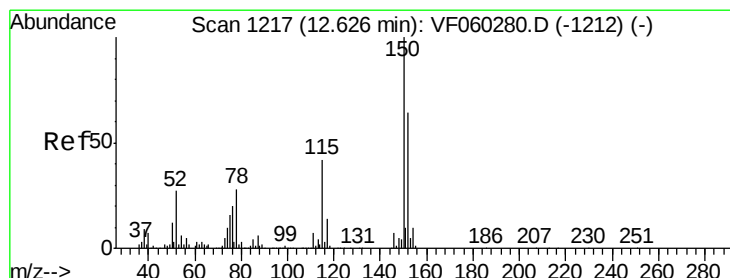
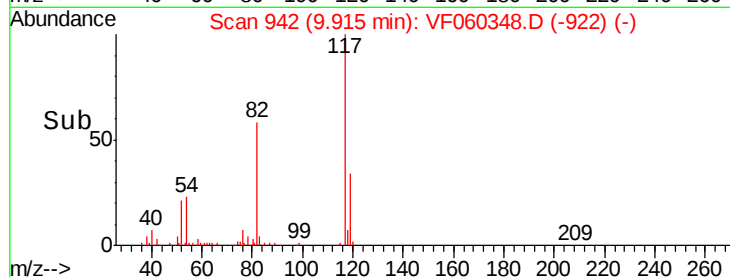
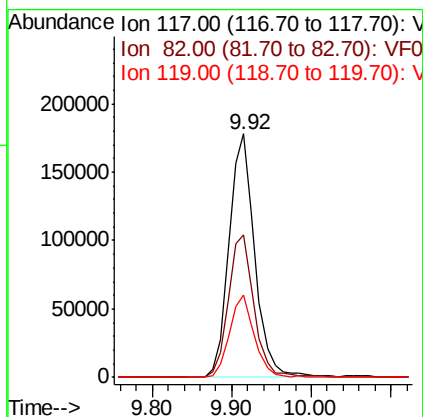
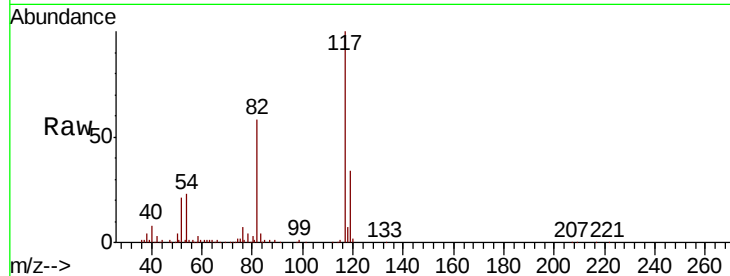




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.92 min Scan# 942
Delta R.T. -0.00 min
Lab File: VF060348.D
Acq: 26 Sep 2018 13:25

Instrument :
MSVOA_F
ClientSampleId :
VF0926SBL01

Tot Ion:117 Resp: 403412
Ion Ratio Lower Upper
117 100
82 58.5 46.2 69.2
119 33.7 27.8 41.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.63 min Scan# 1217
Delta R.T. -0.00 min
Lab File: VF060348.D
Acq: 26 Sep 2018 13:25

Tgt Ion:152 Resp: 216903
Ion Ratio Lower Upper
152 100
115 65.6 32.6 97.8
150 162.2 0.0 314.2

