

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF073118\
 Data File : VF059741.D
 Acq On : 1 Aug 2018 7:49
 Operator : VA/AP
 Sample : J4140-06RE
 Misc : 6.91g/5mL/MSVOA F/SOIL
 ALS Vial : 100 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 EPE-F-8(115-117)RE

Quant Time: Aug 01 08:43:46 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F073018S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 31 15:23:22 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.05	168	36653	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	5.77	114	41557	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.92	117	24830	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.63	152	4877	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	5.02	65	18636	28.29	ug/l	0.00
Spiked Amount 50.000			Recovery	=	56.58%	
35) Dibromofluoromethane	4.29	113	16205	37.54	ug/l	0.00
Spiked Amount 50.000			Recovery	=	75.08%	
50) Toluene-d8	7.71	98	34504	34.28	ug/l	0.00
Spiked Amount 50.000			Recovery	=	68.56%	
62) 4-Bromofluorobenzene	11.51	95	6159	11.05	ug/l	0.00
Spiked Amount 50.000			Recovery	=	22.10%	

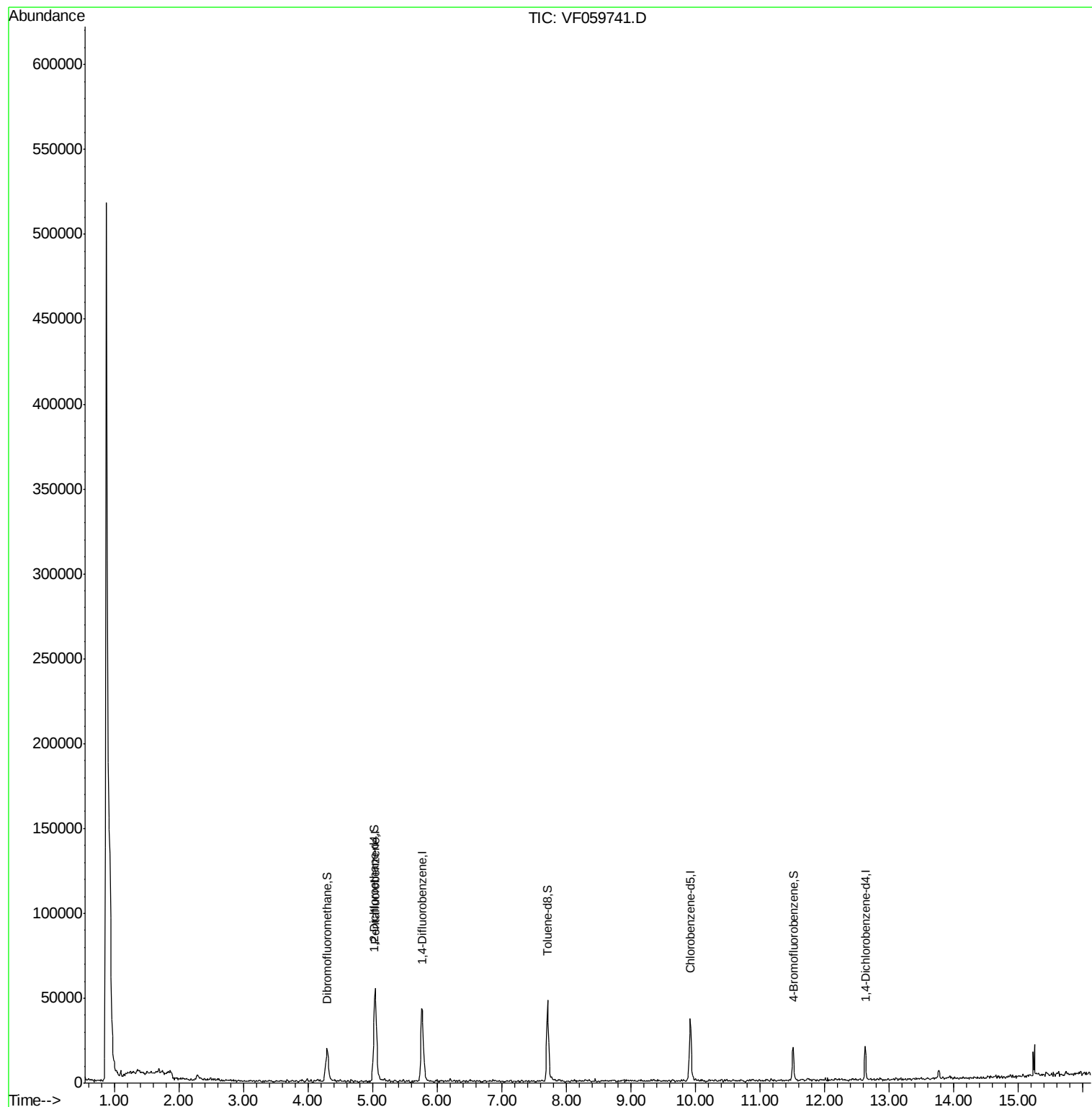
Target Compounds	Qvalue
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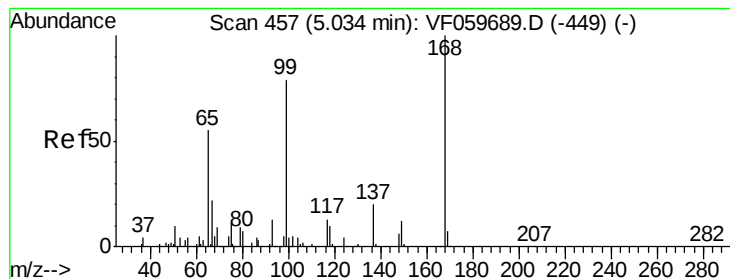
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue Jul 31 15:23:22 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.05 min Scan# 458

Delta R.T. 0.01 min

Lab File: VF059741.D

Acq: 1 Aug 2018 7:49

Instrument :

MSVOA_F

ClientSampleId :

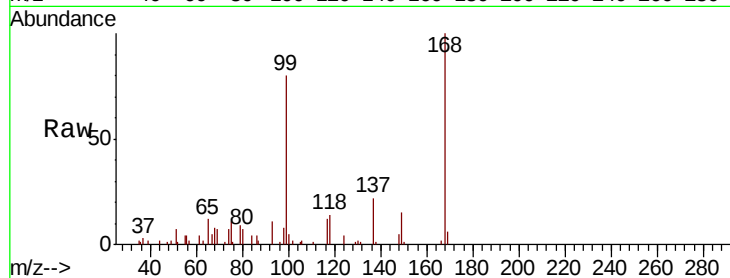
EPE-F-8(115-117)RE

Tot Ion:168 Resp: 36653

Ion Ratio Lower Upper

168 100

99 79.7 63.3 94.9



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

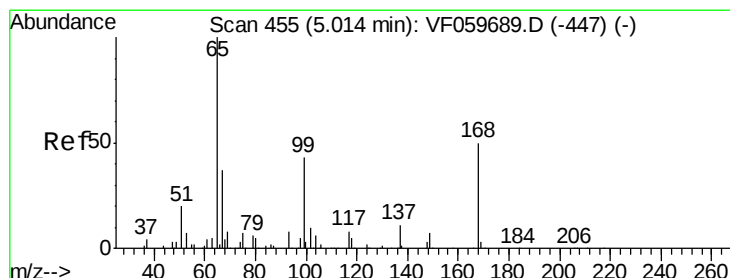
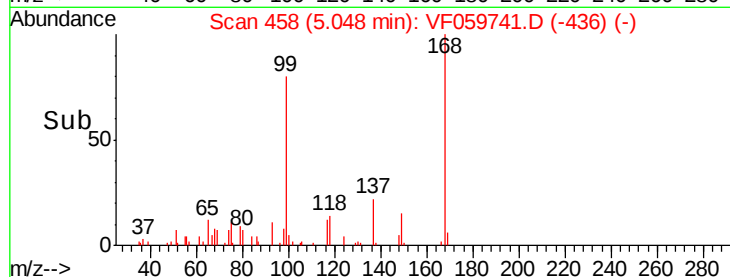
5.05

10000

5000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 28.291 ug/l

RT: 5.02 min Scan# 455

Delta R.T. 0.00 min

Lab File: VF059741.D

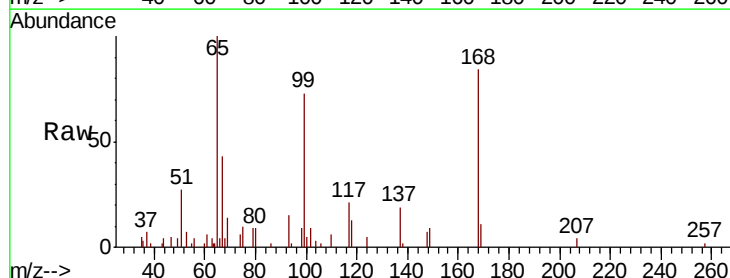
Acq: 1 Aug 2018 7:49

Tgt Ion: 65 Resp: 18636

Ion Ratio Lower Upper

65 100

67 43.4 0.0 84.6



Abundance Ion 65.00 (64.70 to 65.70): VF0

Ion 67.00 (66.70 to 67.70): VF0

5.02

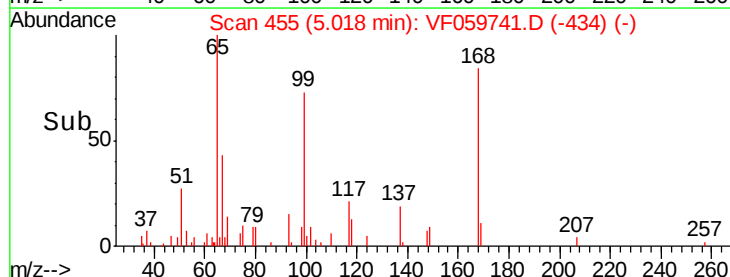
6000

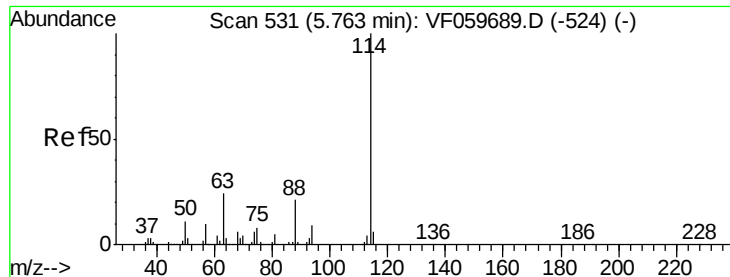
4000

2000

0

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.77 min Scan# 531

Delta R.T. 0.00 min

Lab File: VF059741.D

Acq: 1 Aug 2018 7:49

Instrument :

MSVOA_F

ClientSampleId :

EPE-F-8(115-117)RE

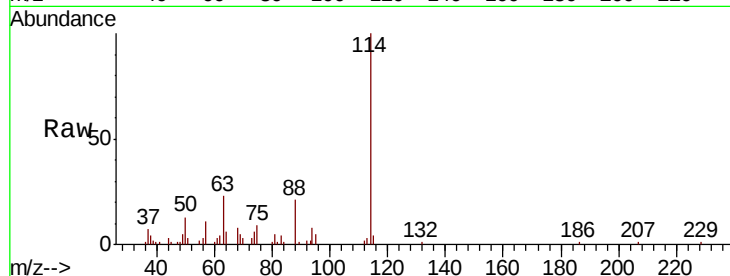
Tot Ion:114 Resp: 41557

Ion Ratio Lower Upper

114 100

63 23.0 0.0 47.4

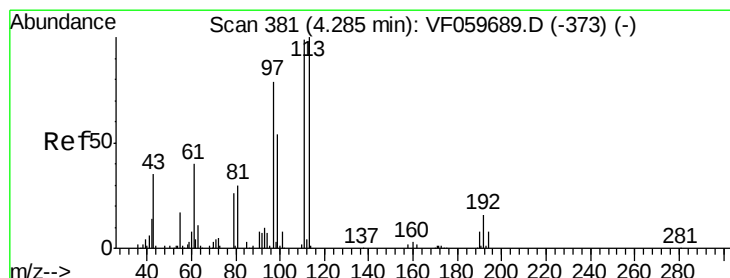
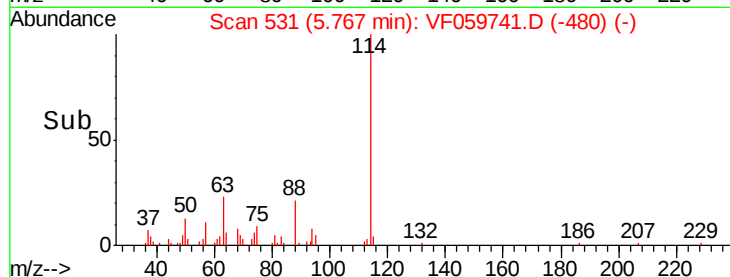
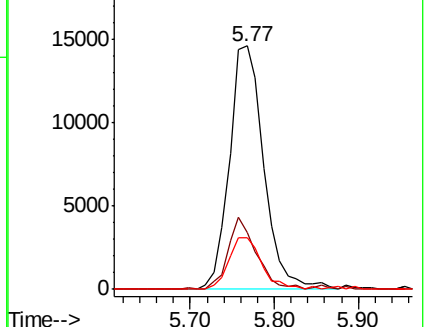
88 21.3 0.0 41.2



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: 37.543 ug/l

RT: 4.29 min Scan# 381

Delta R.T. 0.00 min

Lab File: VF059741.D

Acq: 1 Aug 2018 7:49

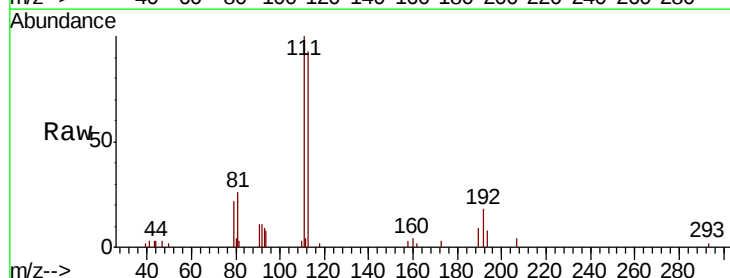
Tgt Ion:113 Resp: 16205

Ion Ratio Lower Upper

113 100

111 111.5 79.0 118.4

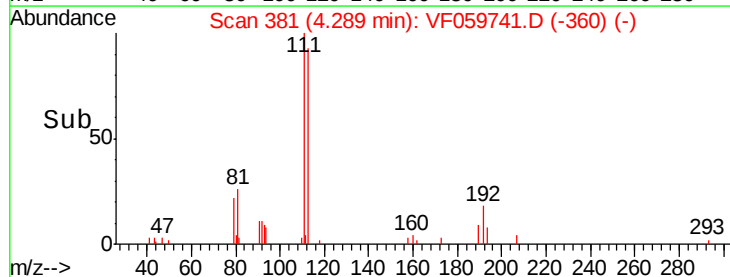
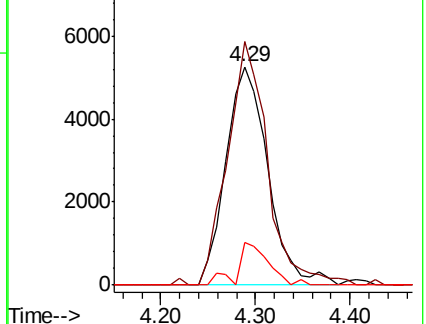
192 19.5 13.2 19.8

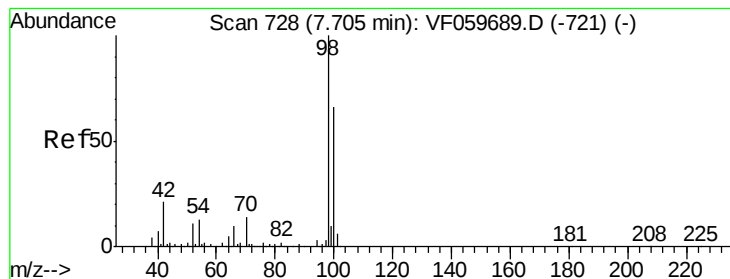


Abundance Ion 113.00 (112.70 to 113.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 192.00 (191.70 to 192.70): V





#50

Toluene-d8

Concen: 34.280 ug/l

RT: 7.71 min Scan# 728

Delta R.T. 0.00 min

Lab File: VF059741.D

Acq: 1 Aug 2018 7:49

Instrument :

MSVOA_F

ClientSampleId :

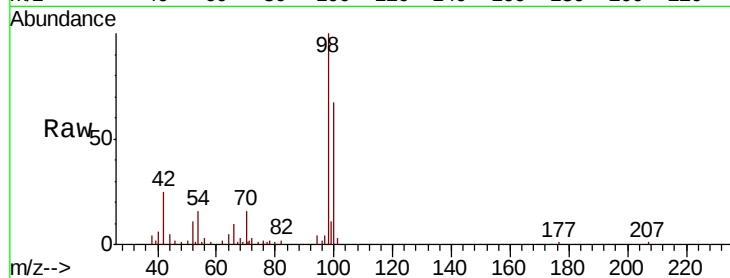
EPE-F-8(115-117)RE

Tot Ion: 98 Resp: 34504

Ion Ratio Lower Upper

98 100

100 67.3 52.8 79.2



Abundance Ion 98.00 (97.70 to 98.70): VF0

Ion 100.00 (99.70 to 100.70): VF

7.71

15000

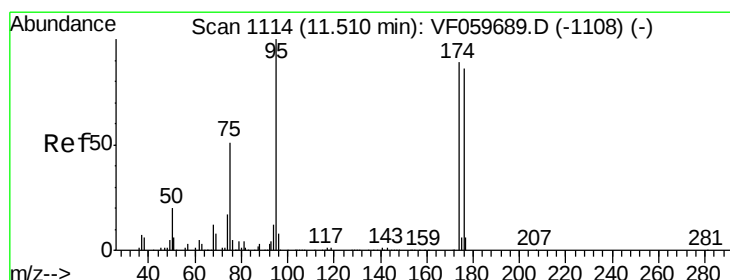
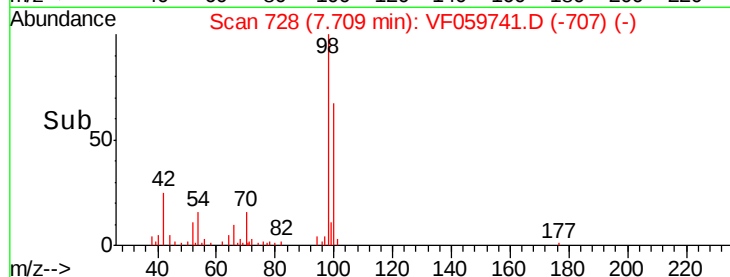
10000

5000

0

Time-->

7.60 7.70 7.80



#62

4-Bromofluorobenzene

Concen: 11.053 ug/l

RT: 11.51 min Scan# 1114

Delta R.T. 0.00 min

Lab File: VF059741.D

Acq: 1 Aug 2018 7:49

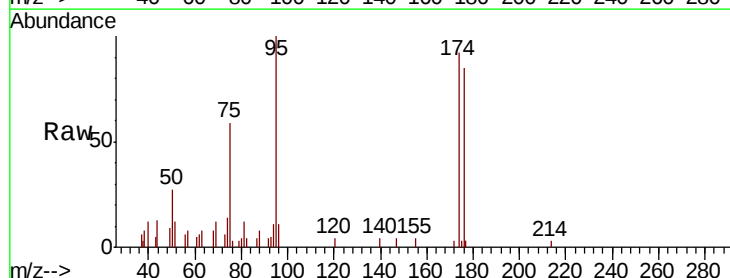
Tgt Ion: 95 Resp: 6159

Ion Ratio Lower Upper

95 100

174 92.5 0.0 178.4

176 87.6 0.0 173.0



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

4000

3000

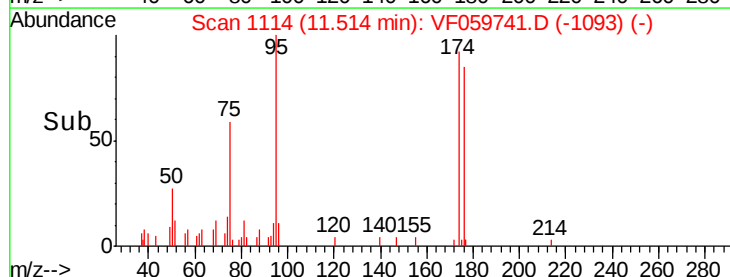
2000

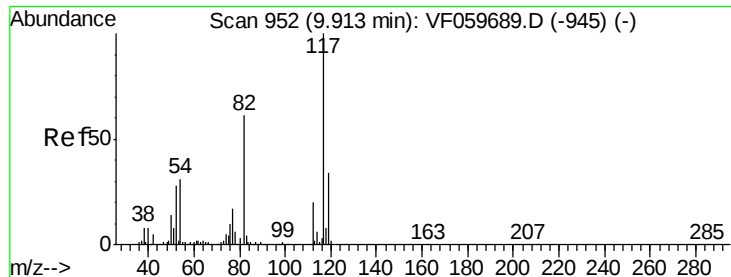
1000

0

Time-->

11.45 11.50 11.55 11.60

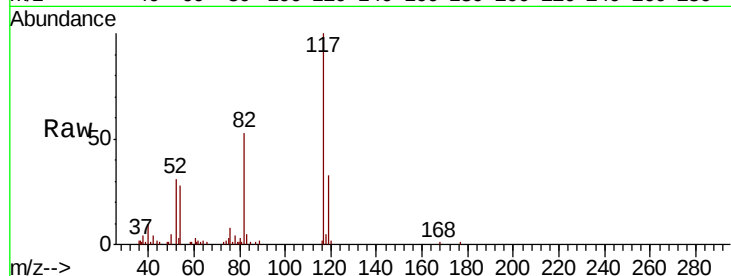




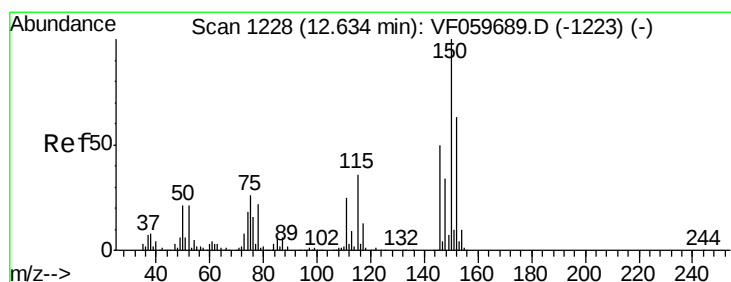
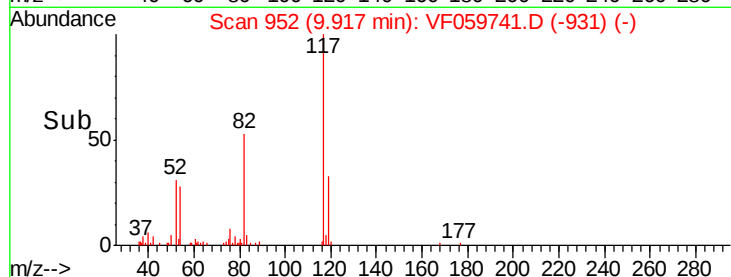
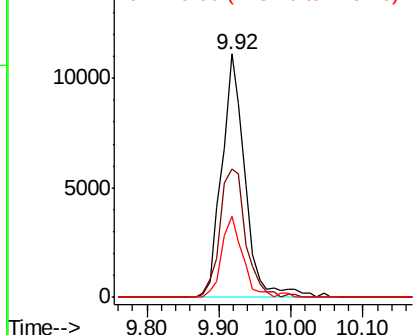
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.92 min Scan# 952
Delta R.T. 0.00 min
Lab File: VF059741.D
Acq: 1 Aug 2018 7:49

Instrument :
MSVOA_F
ClientSampleId :
EPE-F-8(115-117)RE

Tot Ion	Ratio	Lower	Upper
117	100		
82	52.9	49.0	73.4
119	33.2	27.3	40.9

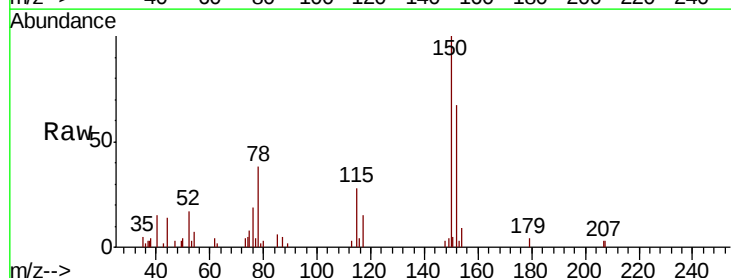


Abundance Ion 117.00 (116.70 to 117.70): V
Ion 82.00 (81.70 to 82.70): VF0
Ion 119.00 (118.70 to 119.70): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.63 min Scan# 1227
Delta R.T. -0.01 min
Lab File: VF059741.D
Acq: 1 Aug 2018 7:49

Tgt Ion	Ratio	Lower	Upper
152	100		
115	41.5	28.2	84.6
150	148.6	0.0	316.2



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

