

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF080618\
 Data File : VF059893.D
 Acq On : 6 Aug 2018 23:21
 Operator : VA/AP
 Sample : J4323-01
 Misc : 6.73q/5mL/MSVOA F/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 ES-RO-276

Quant Time: Aug 07 04:16:36 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F080418S.M
 Quant Title : SW846 8260
 QLast Update : Sat Aug 04 07:08:36 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.04	168	175457	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.76	114	238343	50.00	ug/l	-0.02
63) Chlorobenzene-d5	9.92	117	219020	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.63	152	145488	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.01	65	117171	37.04	ug/l	-0.02
Spiked Amount	50.000		Recovery	=	74.08%	
35) Dibromofluoromethane	4.29	113	100140	42.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	84.46%	
50) Toluene-d8	7.71	98	166353	32.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	65.94%	
62) 4-Bromofluorobenzene	11.50	95	94910	33.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	66.94%	

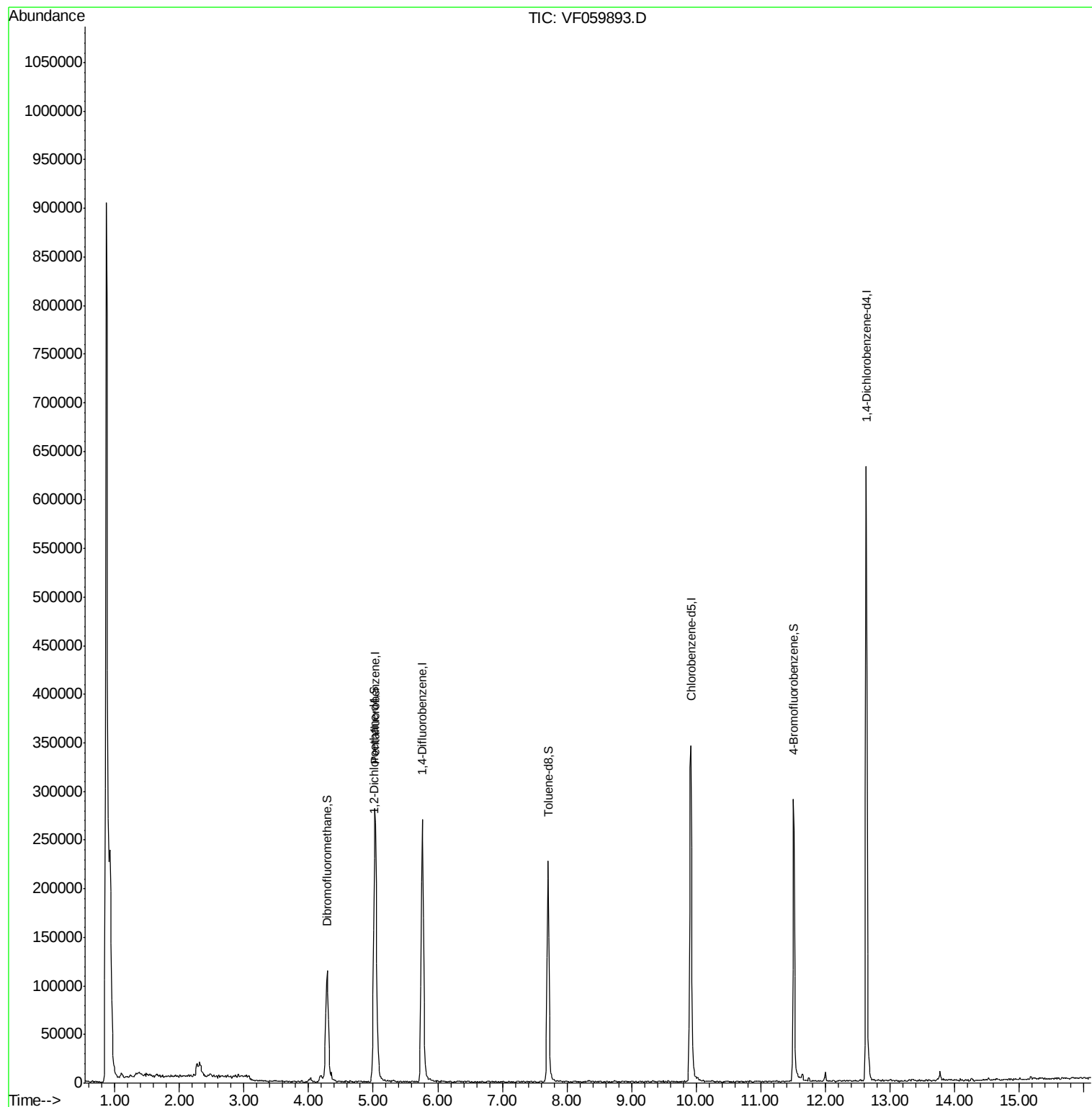
Target Compounds	Qvalue

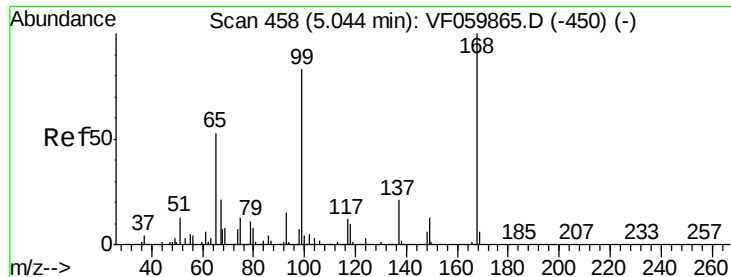
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Sat Aug 04 07:08:36 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.04 min Scan# 457

Delta R.T. -0.01 min

Lab File: VF059893.D

Acq: 6 Aug 2018 23:21

Instrument :

MSVOA_F

ClientSampleId :

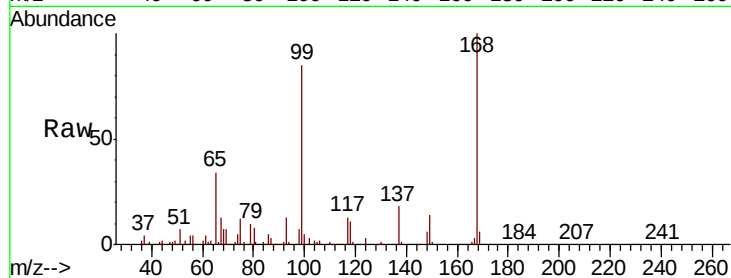
ES-RO-276

Tot Ion:168 Resp: 175457

Ion Ratio Lower Upper

168 100

99 85.0 66.3 99.5



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

5.04

60000

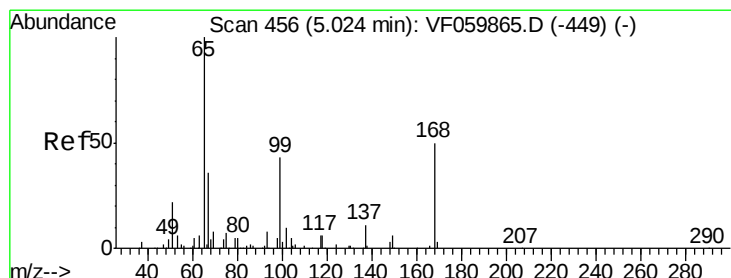
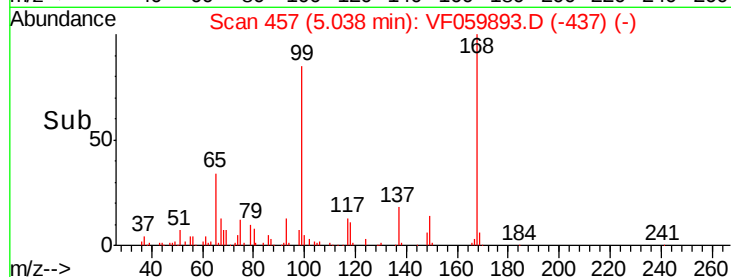
40000

20000

0

Time-->

4.90 5.00 5.10 5.20



#33

1,2-Dichloroethane-d4

Concen: 37.04 ug/l

RT: 5.01 min Scan# 454

Delta R.T. -0.02 min

Lab File: VF059893.D

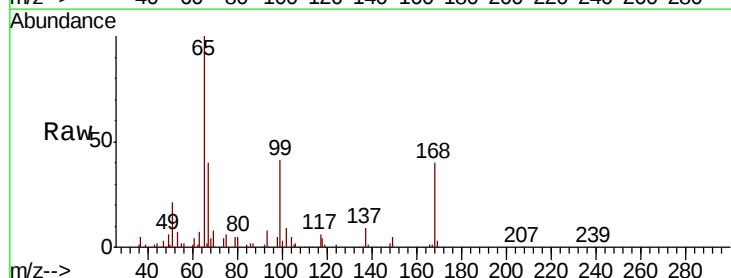
Acq: 6 Aug 2018 23:21

Tgt Ion: 65 Resp: 117171

Ion Ratio Lower Upper

65 100

67 40.3 0.0 77.2



Abundance Ion 65.00 (64.70 to 65.70): VF0

Ion 67.00 (66.70 to 67.70): VF0

5.01

40000

30000

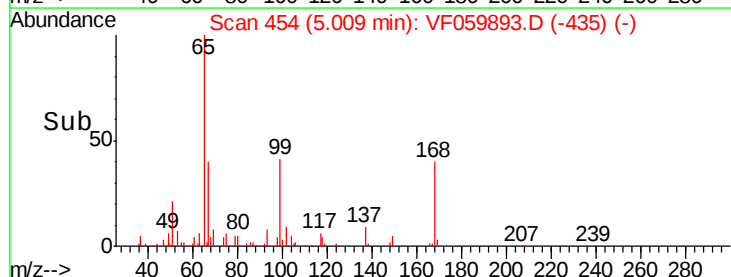
20000

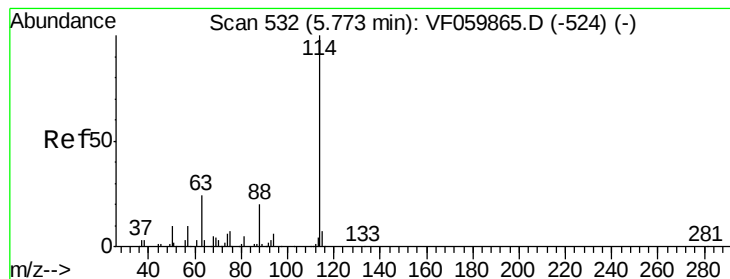
10000

0

Time-->

4.90 5.00 5.10 5.20





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 5.76 min Scan# 530

Delta R.T. -0.02 min

Lab File: VF059893.D

Acq: 6 Aug 2018 23:21

Instrument :

MSVOA_F

ClientSampleId :

ES-RO-276

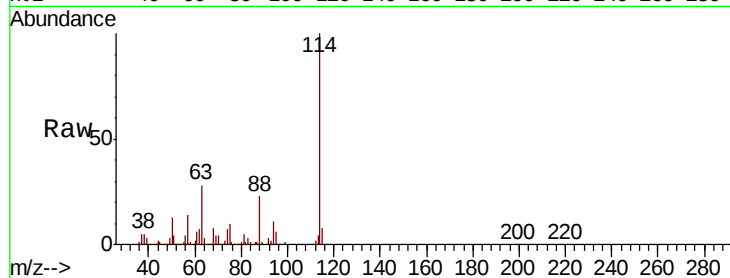
Tot Ion:114 Resp: 238343

Ion Ratio Lower Upper

114 100

63 28.0 0.0 48.0

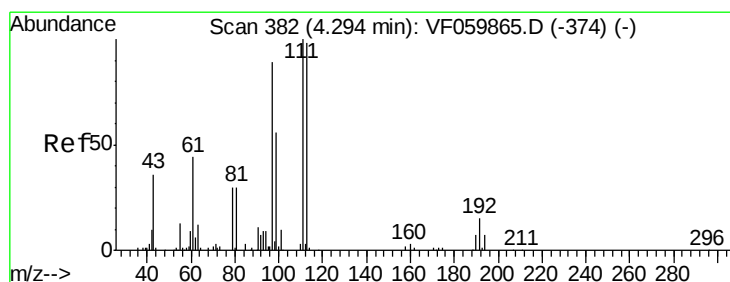
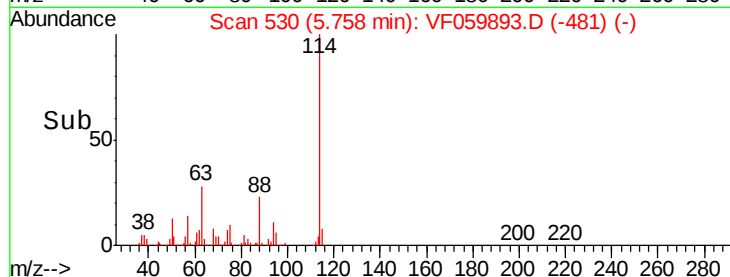
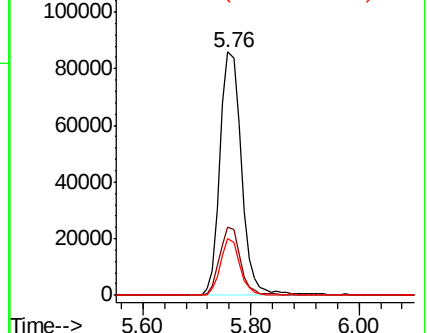
88 23.1 0.0 39.4



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: 42.23 ug/l

RT: 4.29 min Scan# 381

Delta R.T. -0.01 min

Lab File: VF059893.D

Acq: 6 Aug 2018 23:21

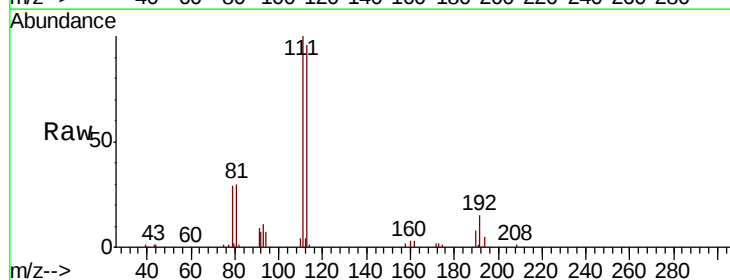
Tgt Ion:113 Resp: 100140

Ion Ratio Lower Upper

113 100

111 102.9 81.8 122.8

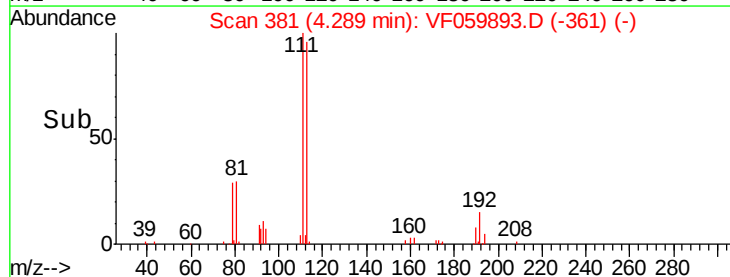
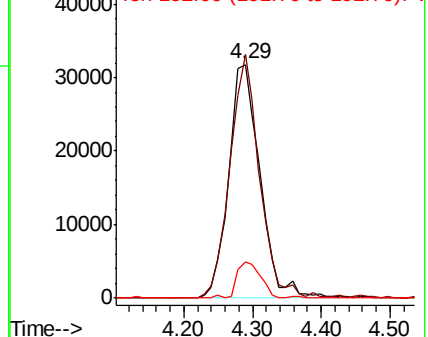
192 15.6 12.4 18.6

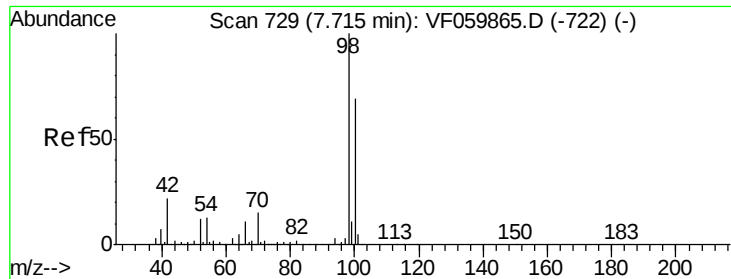


Abundance Ion 113.00 (112.70 to 113.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 192.00 (191.70 to 192.70): V





#50

Toluene-d8

Concen: 32.97 ug/l

RT: 7.71 min Scan# 728

Delta R.T. -0.01 min

Lab File: VF059893.D

Acq: 6 Aug 2018 23:21

Instrument :

MSVOA_F

ClientSampleId :

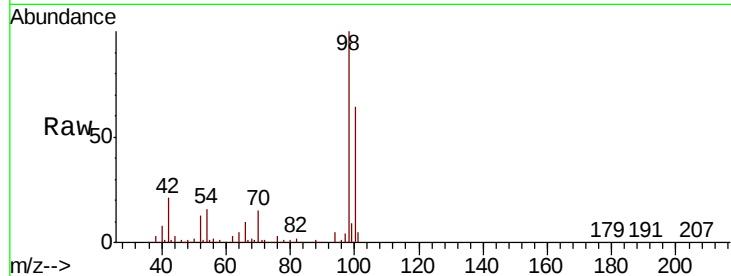
ES-RO-276

Tot Ion: 98 Resp: 166353

Ion Ratio Lower Upper

98 100

100 63.7 55.0 82.6



Abundance Ion 98.00 (97.70 to 98.70): VF0

Ion 100.00 (99.70 to 100.70): VF

7.71

80000

60000

40000

20000

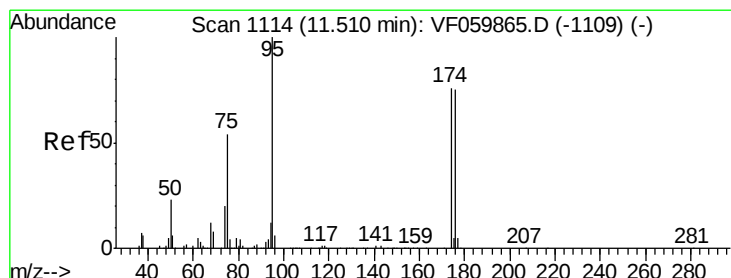
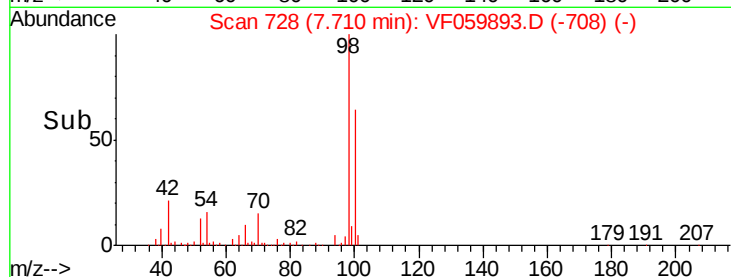
0

7.60

7.70

7.80

Time-->



#62

4-Bromofluorobenzene

Concen: 33.47 ug/l

RT: 11.50 min Scan# 1113

Delta R.T. -0.01 min

Lab File: VF059893.D

Acq: 6 Aug 2018 23:21

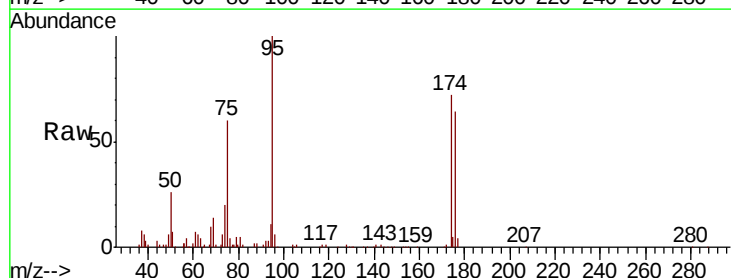
Tgt Ion: 95 Resp: 94910

Ion Ratio Lower Upper

95 100

174 71.7 0.0 151.6

176 64.2 0.0 149.8



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

80000

60000

40000

20000

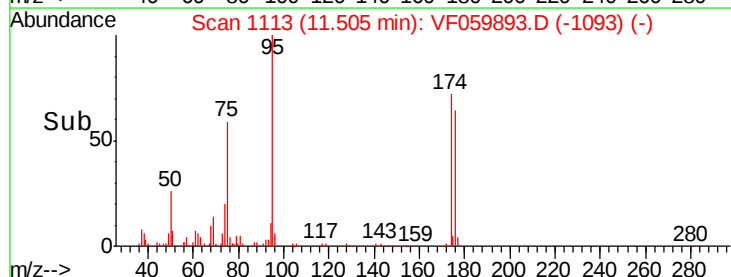
0

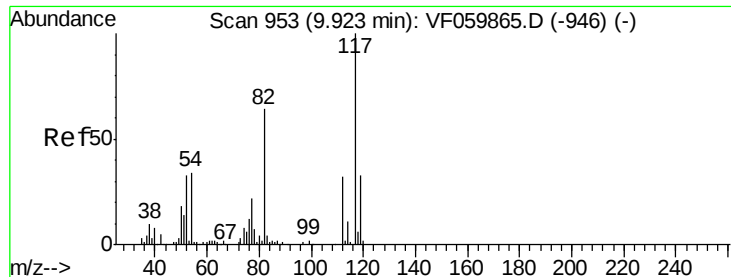
11.40

11.50

11.60

Time-->

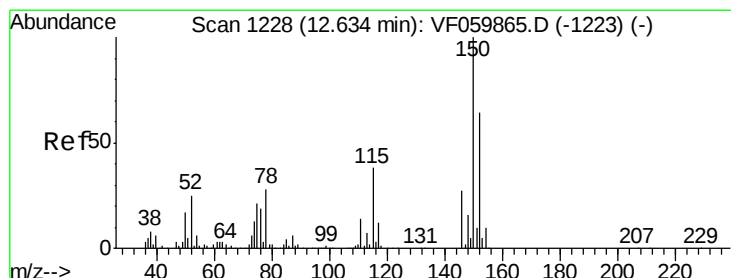
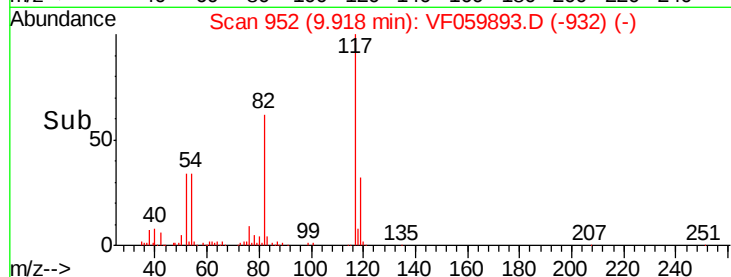
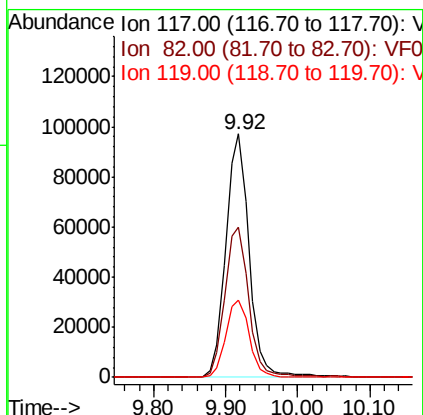
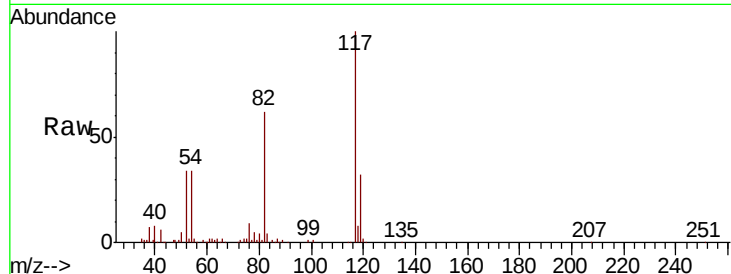




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.92 min Scan# 952
Delta R.T. -0.01 min
Lab File: VF059893.D
Acq: 6 Aug 2018 23:21

Instrument :
MSVOA_F
ClientSampleId :
ES-RO-276

Tot Ion	Ratio	Lower	Upper
117	100		
82	61.7	51.3	76.9
119	31.9	26.4	39.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.63 min Scan# 1227
Delta R.T. -0.01 min
Lab File: VF059893.D
Acq: 6 Aug 2018 23:21

Tgt Ion	Ratio	Lower	Upper
152	100		
115	66.5	29.8	89.4
150	158.5	0.0	315.6

