

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF092618\
 Data File : VF060356.D
 Acq On : 26 Sep 2018 17:16
 Operator : VA/AP
 Sample : J5070-01
 Misc : 5.91/5mL/MSVOA F/SOIL
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 CS-RBR-200027

Quant Time: Sep 27 03:35:12 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	374948	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.76	114	634708	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.91	117	507099	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.63	152	252264	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.01	65	255282	50.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.12%	
35) Dibromofluoromethane	4.28	113	302178	53.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.82%	
50) Toluene-d8	7.70	98	671735	45.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.18%	
62) 4-Bromofluorobenzene	11.51	95	272146	42.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	85.46%	

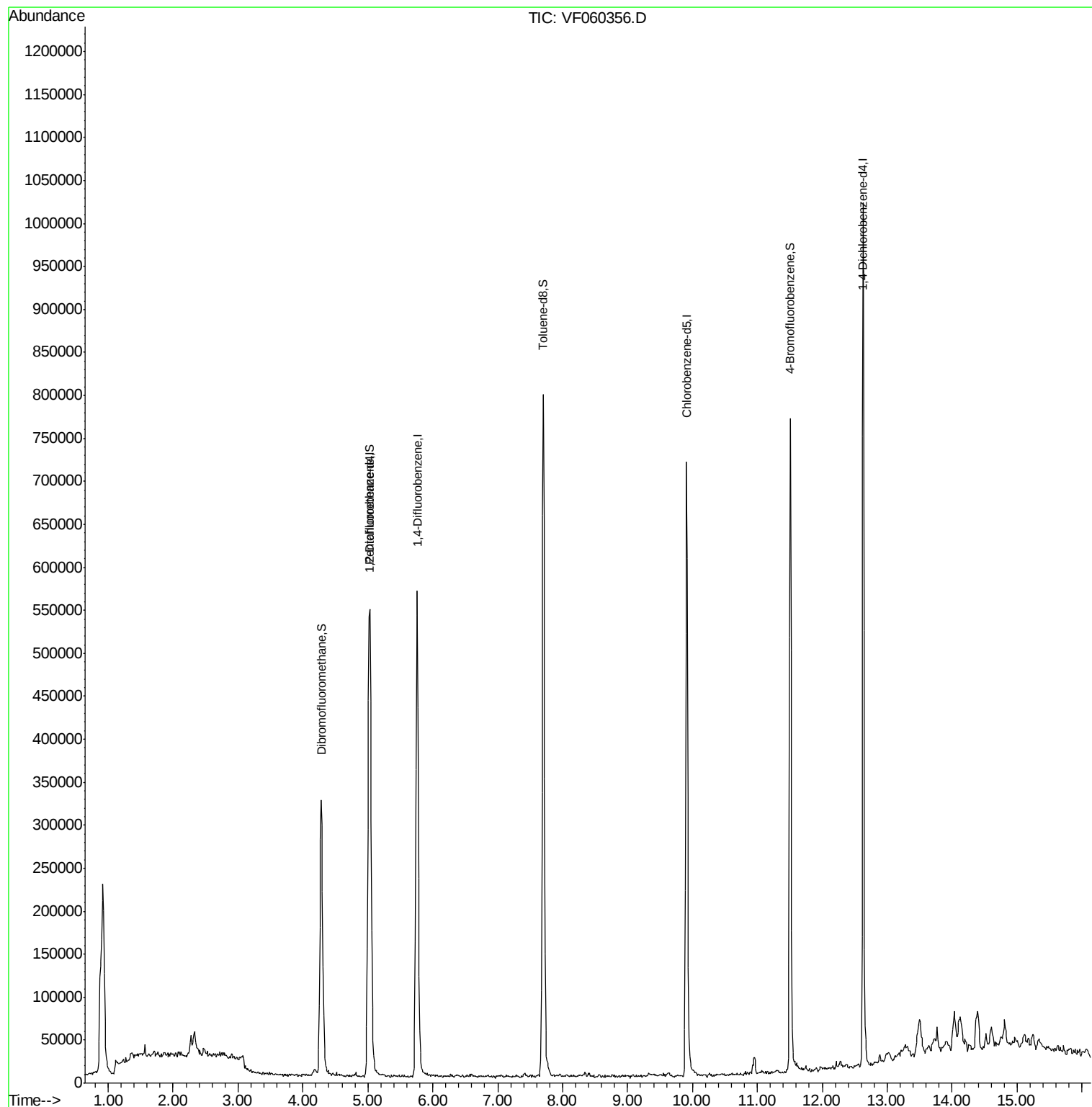
Target Compounds	Qvalue
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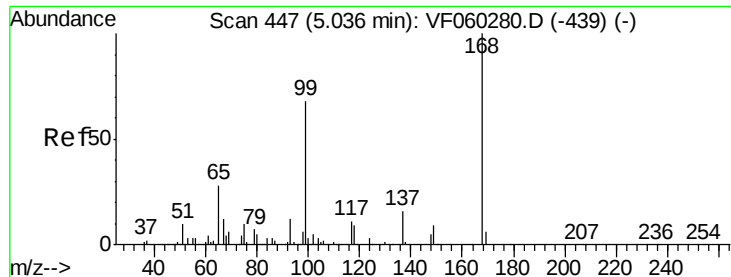
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Thu Sep 20 02:58:42 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.03 min Scan# 446

Delta R.T. -0.01 min

Lab File: VF060356.D

Acq: 26 Sep 2018 17:16

Instrument :

MSVOA_F

ClientSampleId :

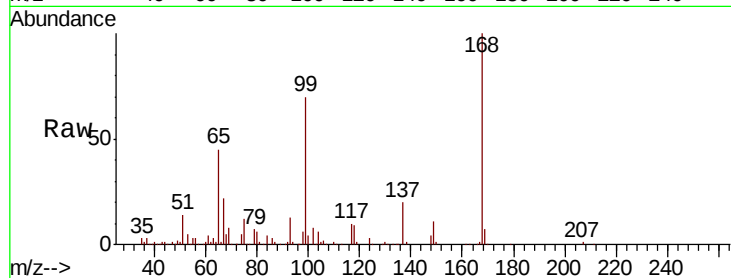
CS-RBR-200027

Tot Ion:168 Resp: 374948

Ion Ratio Lower Upper

168 100

99 69.5 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

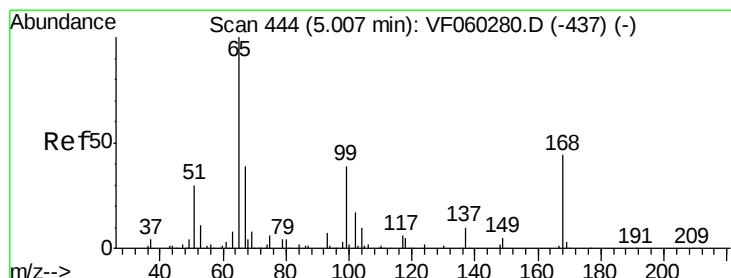
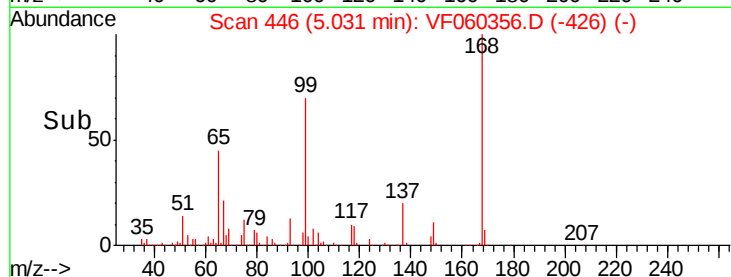
100000

50000

0

Time-->

4.90 5.00 5.10 5.20



#33

1,2-Dichloroethane-d4

Concen: 50.563 ug/l

RT: 5.01 min Scan# 444

Delta R.T. 0.00 min

Lab File: VF060356.D

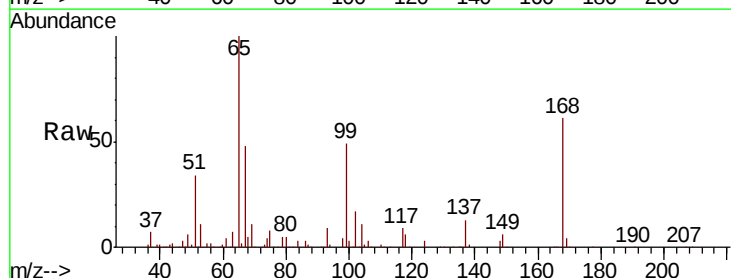
Acq: 26 Sep 2018 17:16

Tgt Ion: 65 Resp: 255282

Ion Ratio Lower Upper

65 100

67 47.5 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

100000

80000

60000

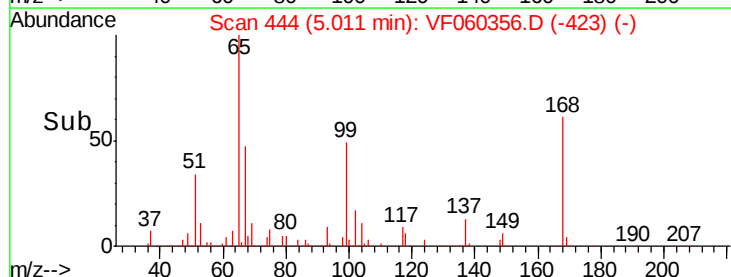
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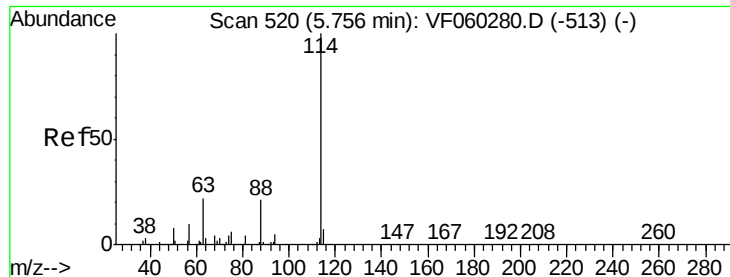
20000

0

Time-->

4.90 5.00 5.10 5.20





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.76 min Scan# 520

Delta R.T. 0.00 min

Lab File: VF060356.D

Acq: 26 Sep 2018 17:16

Instrument :

MSVOA_F

ClientSampleId :

CS-RBR-200027

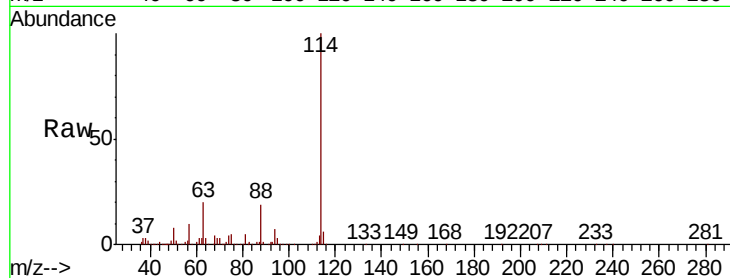
Tot Ion:114 Resp: 634708

Ion Ratio Lower Upper

114 100

63 19.8 0.0 43.8

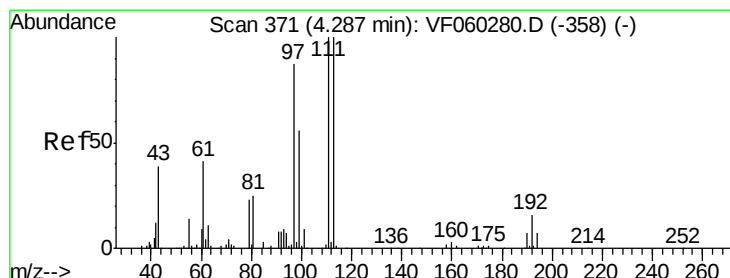
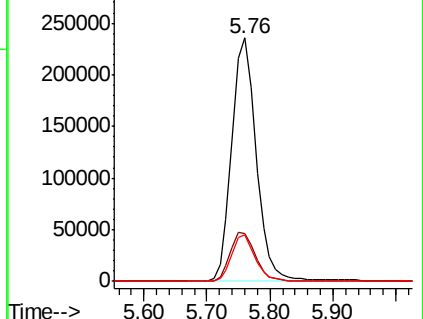
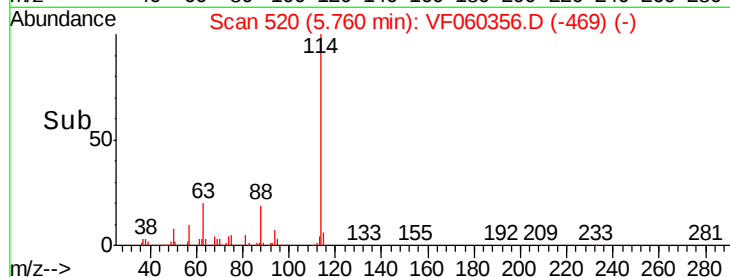
88 19.3 0.0 41.2



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: 53.408 ug/l

RT: 4.28 min Scan# 370

Delta R.T. -0.01 min

Lab File: VF060356.D

Acq: 26 Sep 2018 17:16

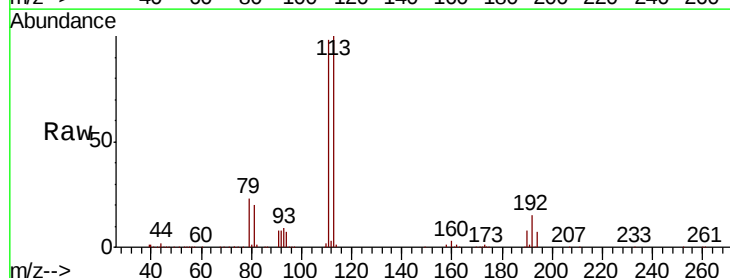
Tgt Ion:113 Resp: 302178

Ion Ratio Lower Upper

113 100

111 98.4 79.6 119.4

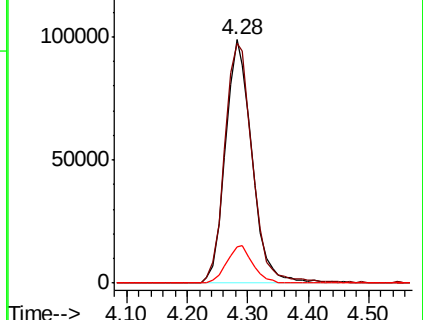
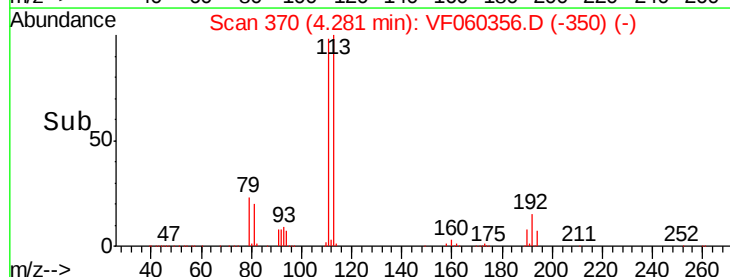
192 14.9 13.0 19.6

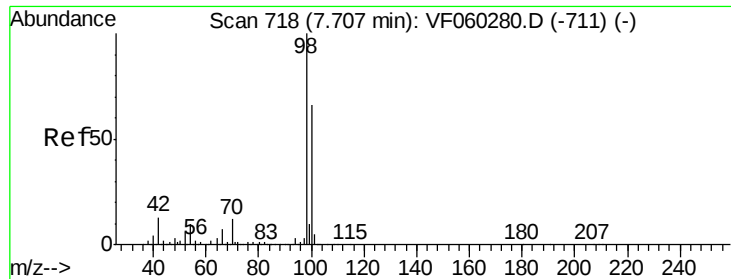


Abundance Ion 113.00 (112.70 to 113.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 192.00 (191.70 to 192.70): V

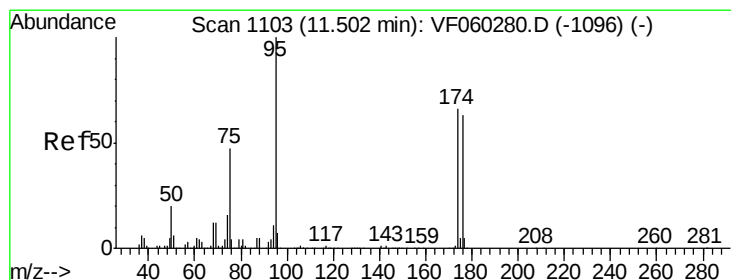
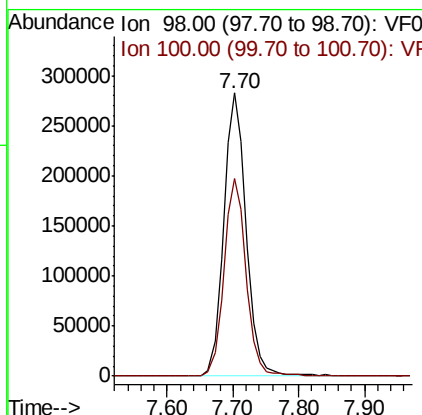
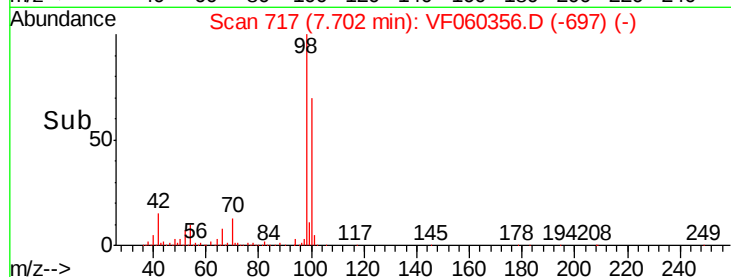
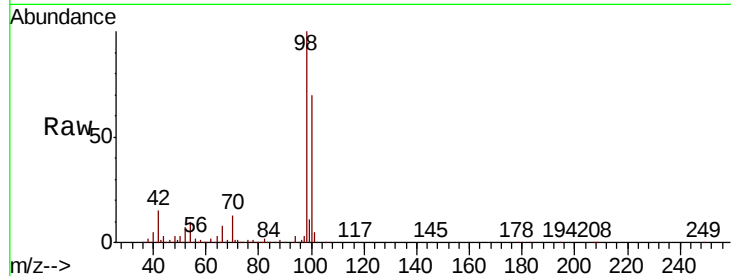




#50
Toluene-d8
Concen: 45.589 ug/l
RT: 7.70 min Scan# 717
Delta R.T. -0.01 min
Lab File: VF060356.D
Acq: 26 Sep 2018 17:16

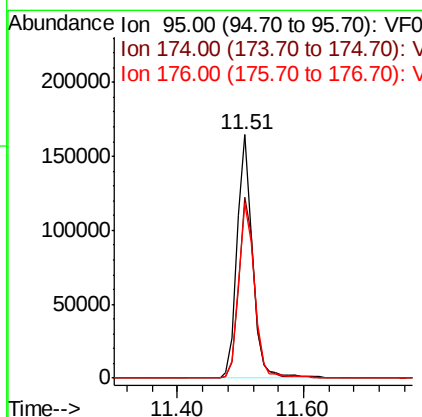
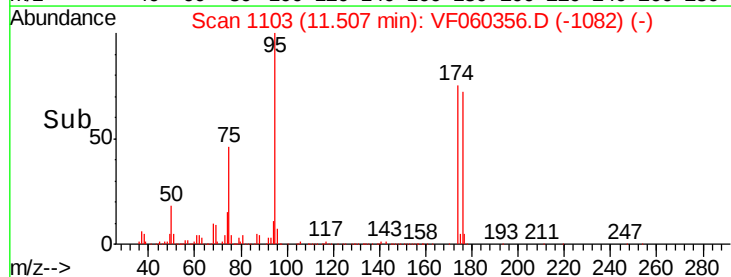
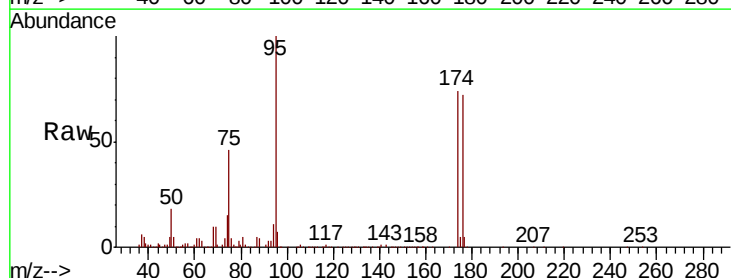
Instrument :
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ClientSampleId :
CS-RBR-200027

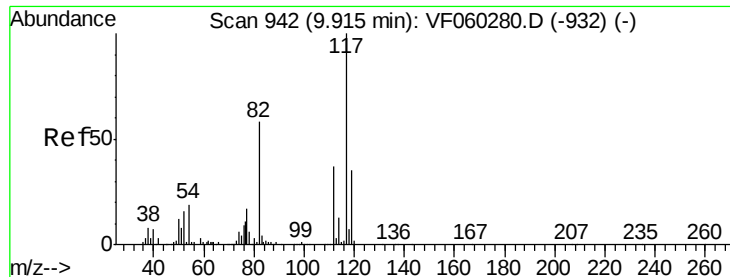
Tot Ion: 98 Resp: 671735
Ion Ratio Lower Upper
98 100
100 69.7 53.0 79.6



#62
4-Bromofluorobenzene
Concen: 42.728 ug/l
RT: 11.51 min Scan# 1103
Delta R.T. 0.00 min
Lab File: VF060356.D
Acq: 26 Sep 2018 17:16

Tgt Ion: 95 Resp: 272146
Ion Ratio Lower Upper
95 100
174 74.5 0.0 131.2
176 71.7 0.0 126.6

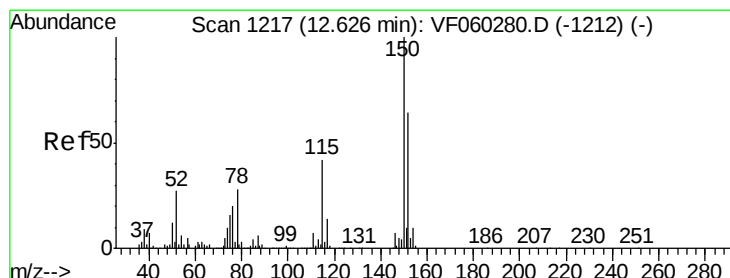
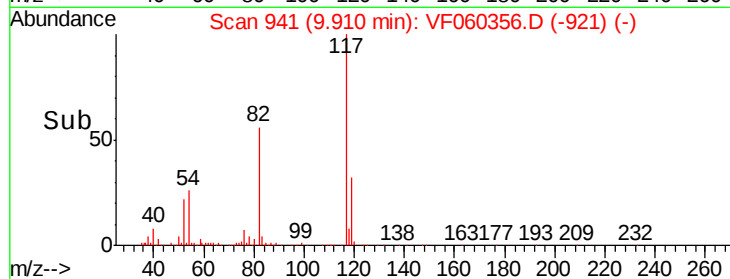
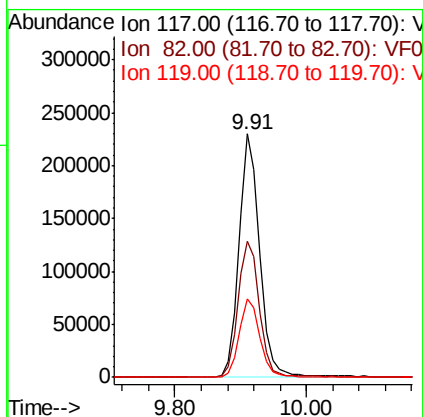
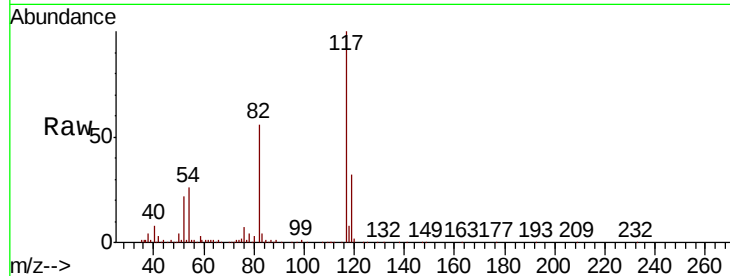




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.91 min Scan# 941
Delta R.T. -0.01 min
Lab File: VF060356.D
Acq: 26 Sep 2018 17:16

Instrument :
MSVOA_F
ClientSampleId :
CS-RBR-200027

Tot Ion	Ratio	Lower	Upper
117	100		
82	55.8	46.2	69.2
119	32.1	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: VF060356.D
Acq: 26 Sep 2018 17:16

Tgt Ion	Ratio	Lower	Upper
152	100		
115	56.5	32.6	97.8
150	152.0	0.0	314.2

