

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF092618\
 Data File : VF060364.D
 Acq On : 26 Sep 2018 20:58
 Operator : VA/AP
 Sample : J5077-05
 Misc : 4.92/5mL/MSVOA F/SOIL
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 PARCEL-193-092418-1

Quant Time: Sep 27 03:55:22 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	343846	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.75	114	561659	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.91	117	404016	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.63	152	170029	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.00	65	277204	59.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	119.74%	
35) Dibromofluoromethane	4.28	113	268387	53.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.20%	
50) Toluene-d8	7.69	98	576912	44.25	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	88.50%	
62) 4-Bromofluorobenzene	11.50	95	196054	34.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	69.56%	

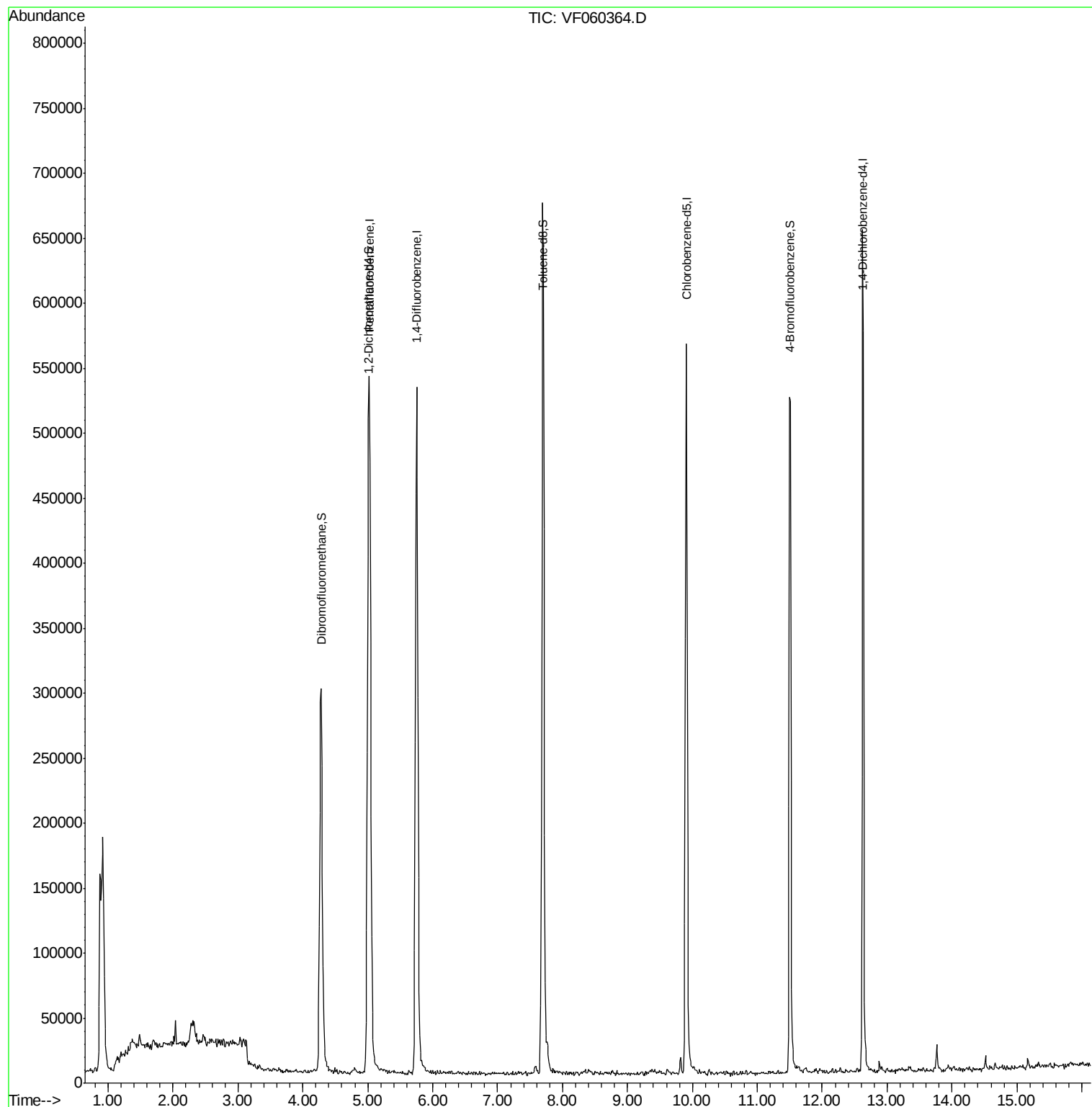
Target Compounds	Qvalue

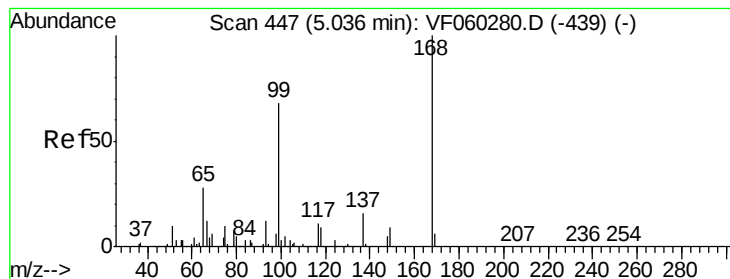
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.03 min Scan# 446

Delta R.T. -0.00 min

Lab File: VF060364.D

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Instrument :

MSVOA_F

ClientSampleId :

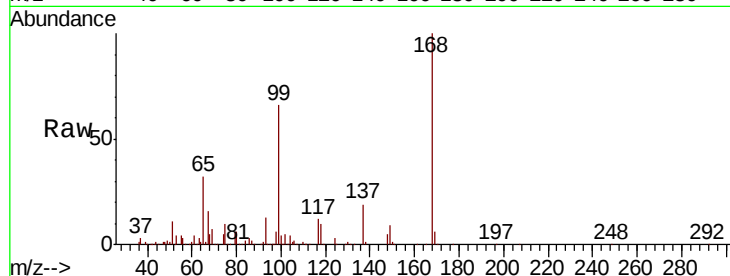
PARCEL-193-092418-1

Tot Ion:168 Resp: 343846

Ion Ratio Lower Upper

168 100

99 66.5 54.8 82.2



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

5.03

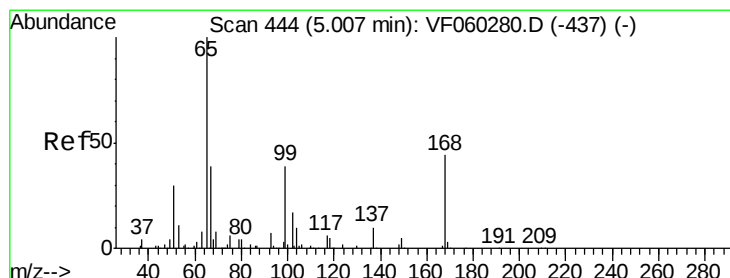
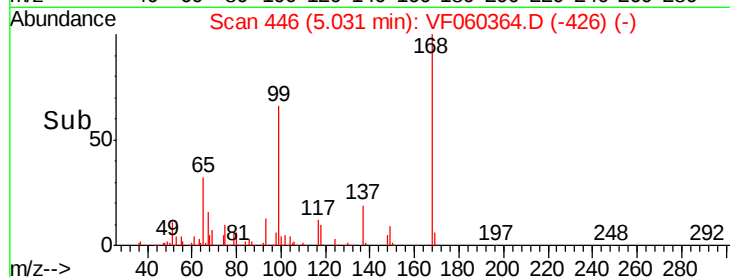
100000

50000

0

Time-->

4.90 5.00 5.10 5.20



#33

1,2-Dichloroethane-d4

Concen: 59.871 ug/l

RT: 5.00 min Scan# 443

Delta R.T. -0.00 min

Lab File: VF060364.D

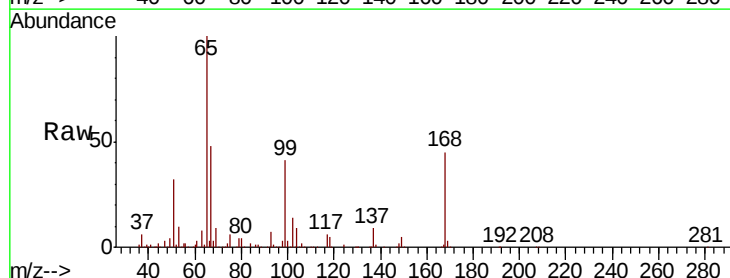
Acq: 26 Sep 2018 20:58

Tgt Ion: 65 Resp: 277204

Ion Ratio Lower Upper

65 100

67 47.9 0.0 94.4



Abundance Ion 65.00 (64.70 to 65.70): VF0

Ion 67.00 (66.70 to 67.70): VF0

5.00

100000

80000

60000

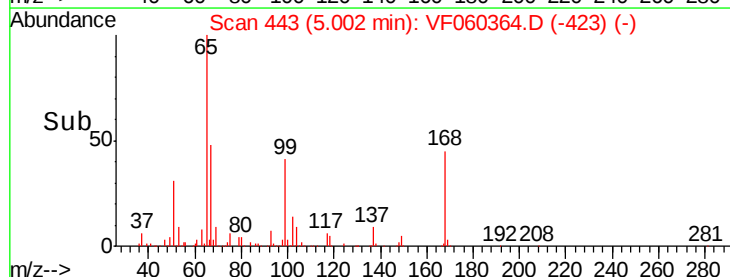
40000

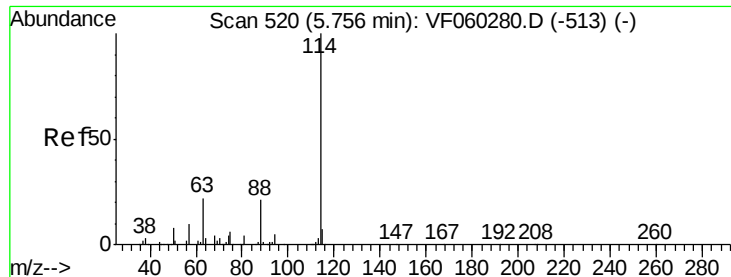
20000

0

Time-->

4.90 5.00 5.10 5.20





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.75 min Scan# 519

Delta R.T. -0.00 min

Lab File: VF060364.D

Acq: 26 Sep 2018 20:58

Instrument :

MSVOA_F

ClientSampleId :

PARCEL-193-092418-1

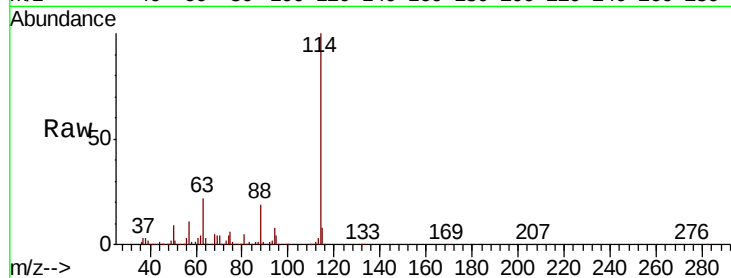
Tot Ion:114 Resp: 561659

Ion Ratio Lower Upper

114 100

63 22.0 0.0 43.8

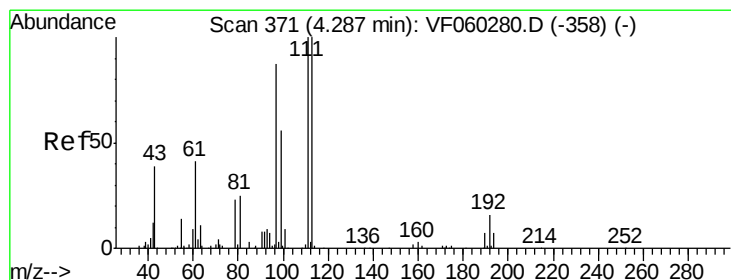
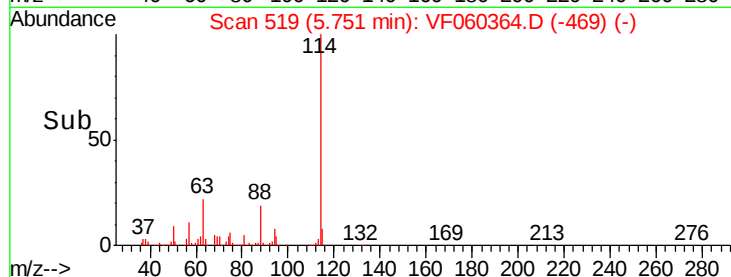
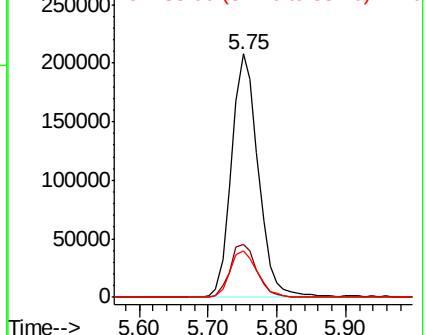
88 19.1 0.0 41.2



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: 53.605 ug/l

RT: 4.28 min Scan# 370

Delta R.T. -0.00 min

Lab File: VF060364.D

Acq: 26 Sep 2018 20:58

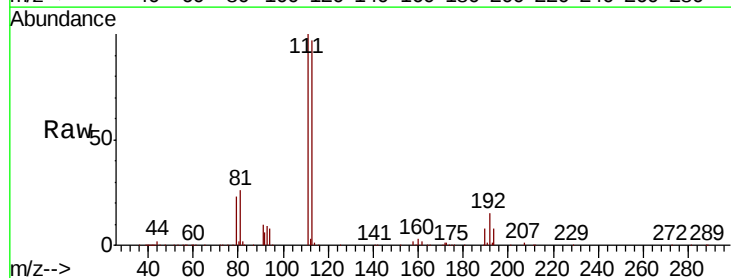
Tgt Ion:113 Resp: 268387

Ion Ratio Lower Upper

113 100

111 103.6 79.6 119.4

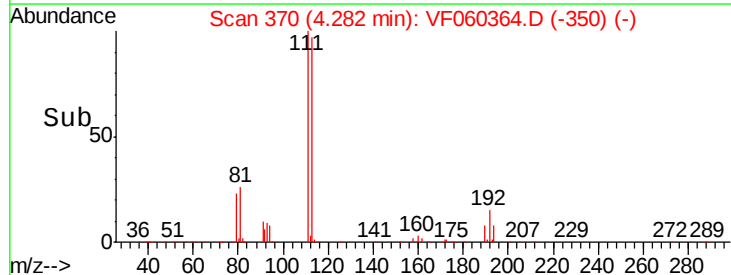
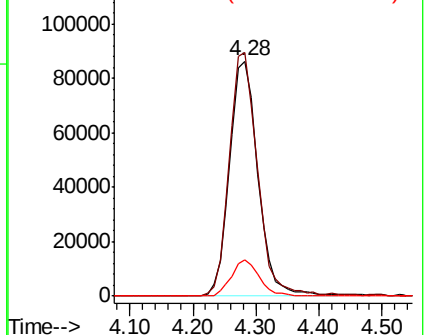
192 15.2 13.0 19.6

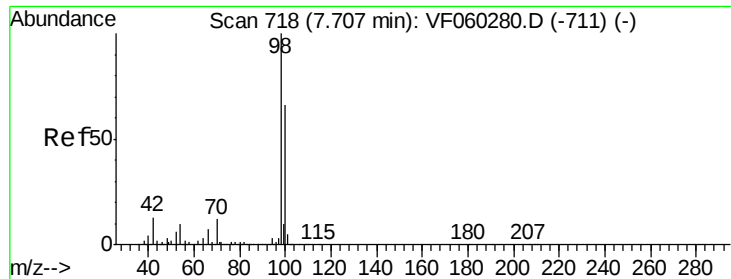


Abundance Ion 113.00 (112.70 to 113.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 192.00 (191.70 to 192.70): V

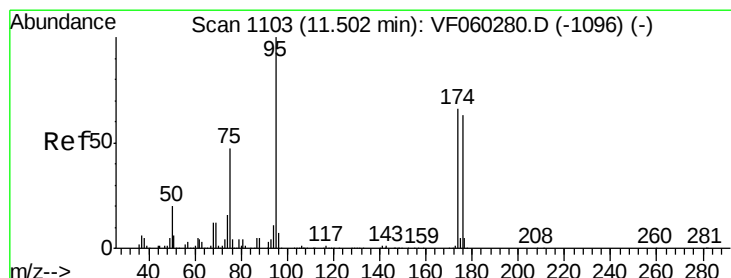
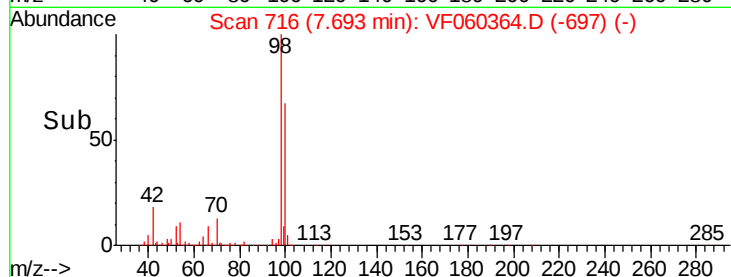
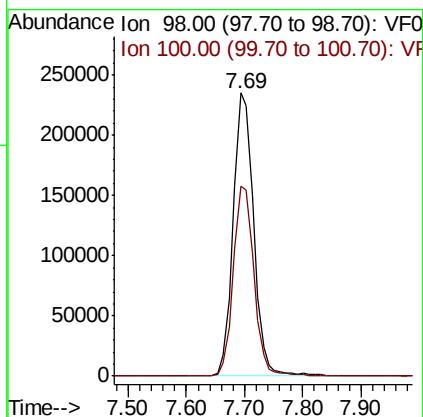
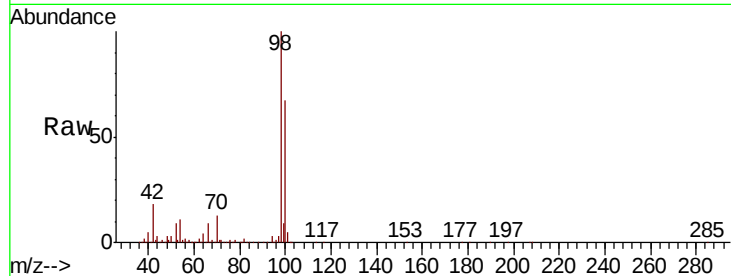




#50
Toluene-d8
Concen: 44.246 ug/l
RT: 7.69 min Scan# 716
Delta R.T. -0.01 min
Lab File: VF060364.D
Acq: 26 Sep 2018 20:58

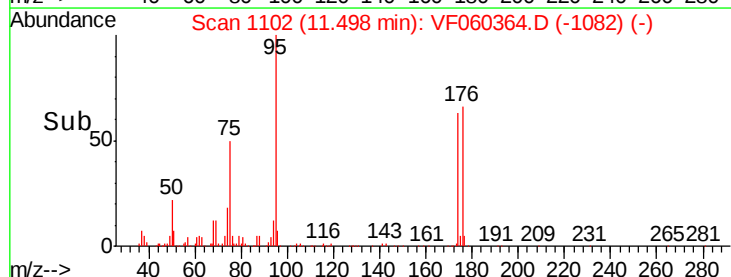
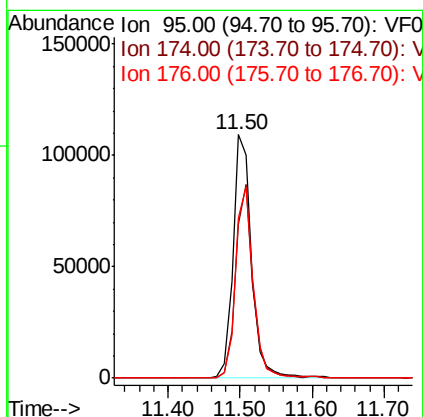
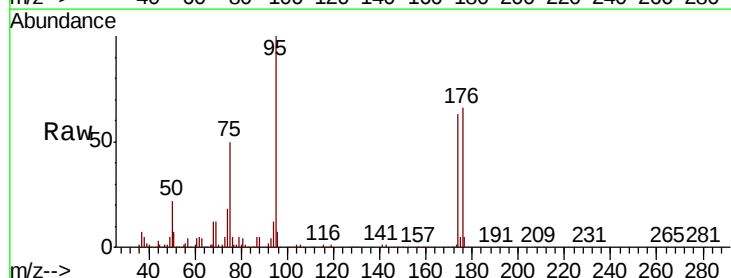
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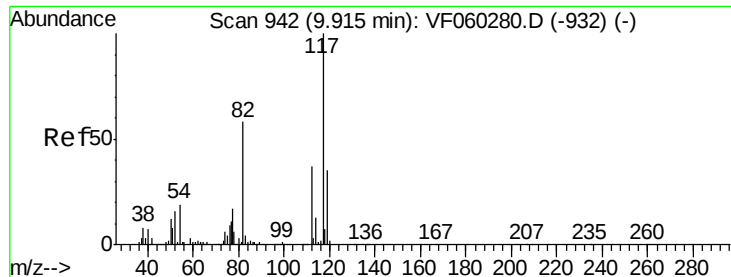
Tot Ion: 98 Resp: 576912
Ion Ratio Lower Upper
98 100
100 67.2 53.0 79.6



#62
4-Bromofluorobenzene
Concen: 34.785 ug/l
RT: 11.50 min Scan# 1102
Delta R.T. -0.00 min
Lab File: VF060364.D
Acq: 26 Sep 2018 20:58

Tgt Ion: 95 Resp: 196054
Ion Ratio Lower Upper
95 100
174 63.1 0.0 131.2
176 66.0 0.0 126.6

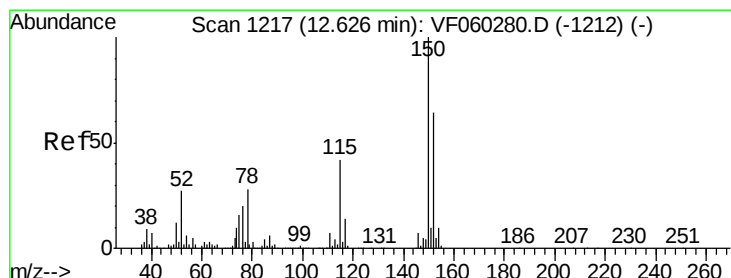
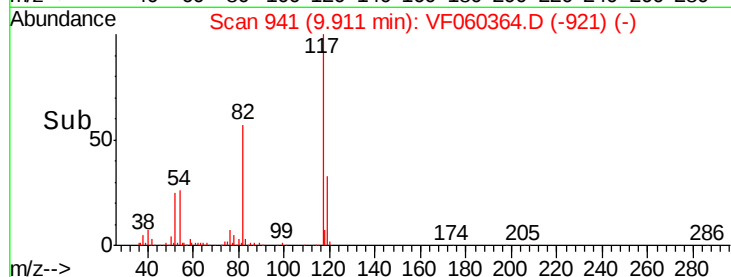
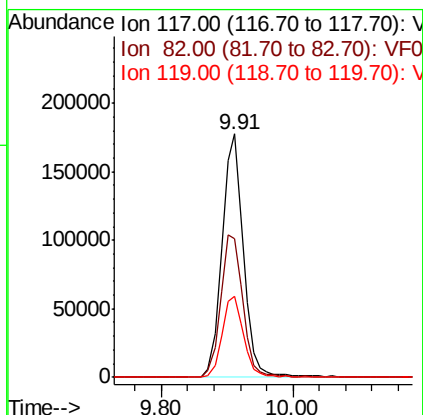
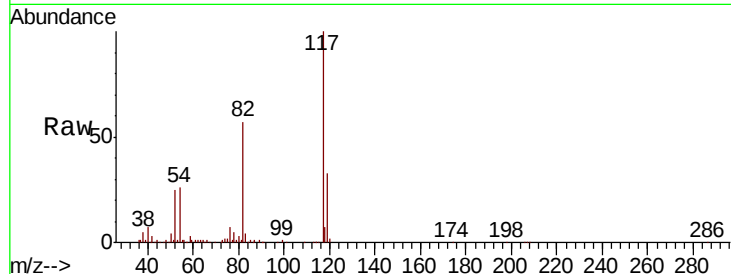




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.91 min Scan# 941
Delta R.T. -0.00 min
Lab File: VF060364.D
Acq: 26 Sep 2018 20:58

Instrument :
MSVOA_F
ClientSampleId :
PARCEL-193-092418-1

Tot Ion	Ratio	Lower	Upper
117	100		
82	56.8	46.2	69.2
119	33.1	27.8	41.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.63 min Scan# 1217
Delta R.T. 0.01 min
Lab File: VF060364.D
Acq: 26 Sep 2018 20:58

Tgt Ion	Ratio	Lower	Upper
152	100		
115	49.0	32.6	97.8
150	147.9	0.0	314.2

