

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF092618\
 Data File : VF060363.D
 Acq On : 26 Sep 2018 20:30
 Operator : VA/AP
 Sample : J5077-04
 Misc : 5.80/5mL/MSVOA F/SOIL
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 PARCEL-190-092418-2

Quant Time: Sep 27 03:52:29 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	265508	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	5.76	114	458187	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.91	117	317918	50.00	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	12.63	152	104544	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	5.01	65	239982	67.13	ug/l	0.00
Spiked Amount						
			Recovery	=	134.26%	
35) Dibromofluoromethane	4.28	113	235033	57.54	ug/l	-0.01
Spiked Amount						
			Recovery	=	115.08%	
50) Toluene-d8	7.70	98	449680	42.28	ug/l	-0.01
Spiked Amount						
			Recovery	=	84.56%	
62) 4-Bromofluorobenzene	11.50	95	151090	32.86	ug/l	0.00
Spiked Amount						
			Recovery	=	65.72%	

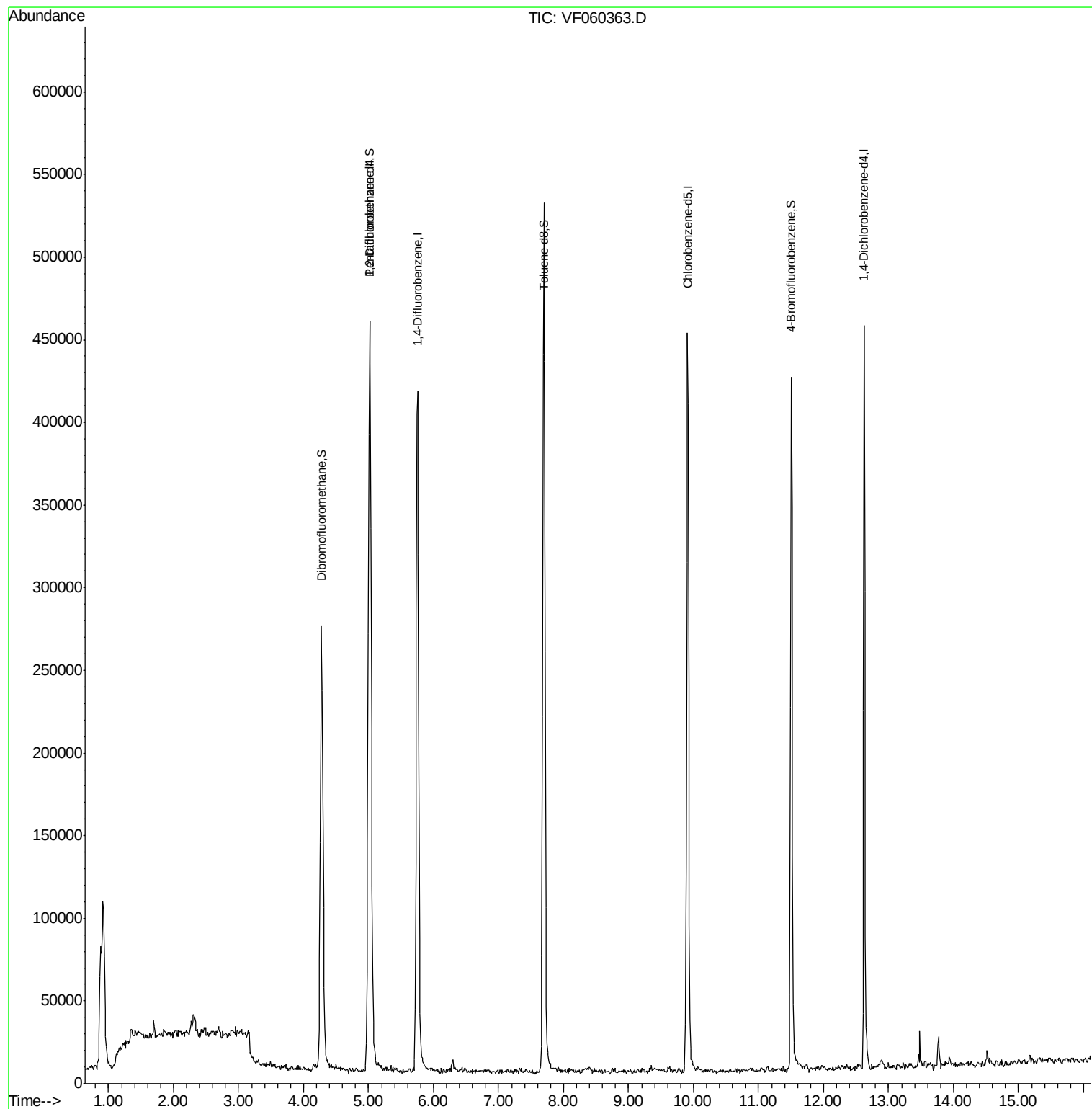
Target Compounds	Qvalue

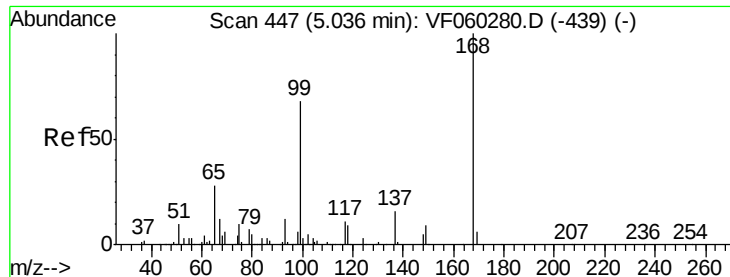
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.03 min Scan# 446

Delta R.T. -0.01 min

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MSVOA_F

ClientSampleId :

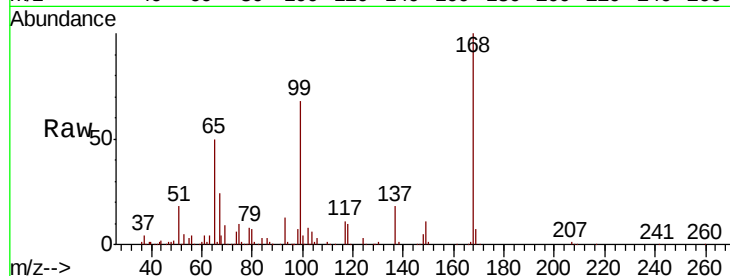
PARCEL-190-092418-2

Tot Ion:168 Resp: 265508

Ion Ratio Lower Upper

168 100

99 68.0 54.8 82.2



Abundance Ion 168.00 (167.70 to 168.70): V

Ion 99.00 (98.70 to 99.70): VF0

100000

80000

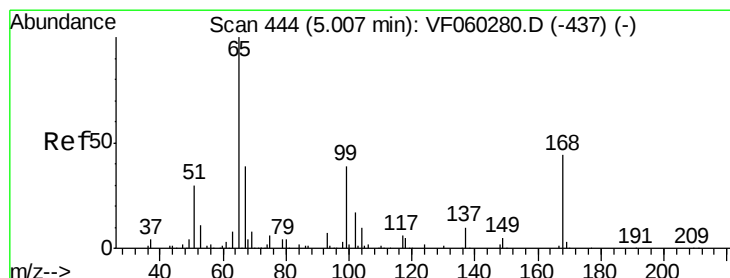
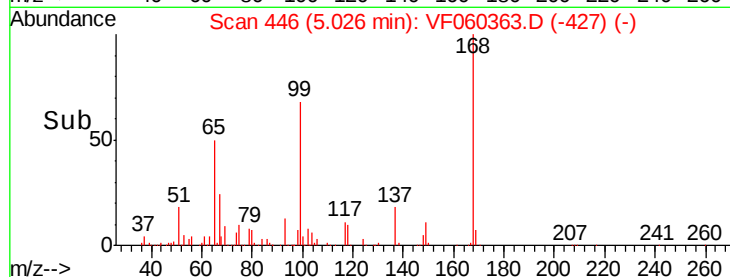
60000

40000

20000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 67.125 ug/l

RT: 5.01 min Scan# 444

Delta R.T. -0.00 min

Lab File: VF060363.D

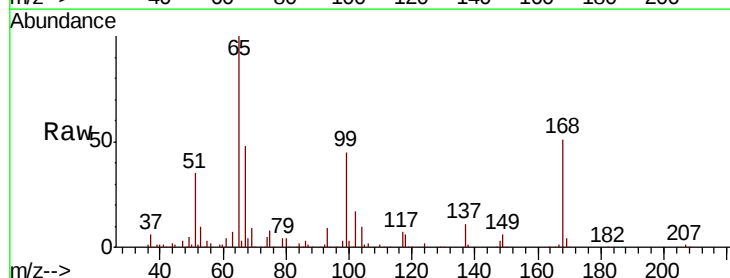
Acq: 26 Sep 2018 20:30

Tgt Ion: 65 Resp: 239982

Ion Ratio Lower Upper

65 100

67 48.4 0.0 94.4



Abundance Ion 65.00 (64.70 to 65.70): VF0

Ion 67.00 (66.70 to 67.70): VF0

100000

80000

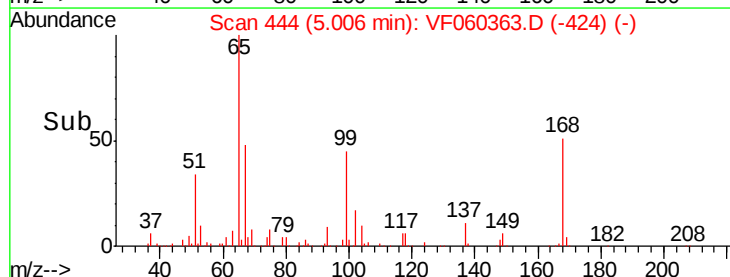
60000

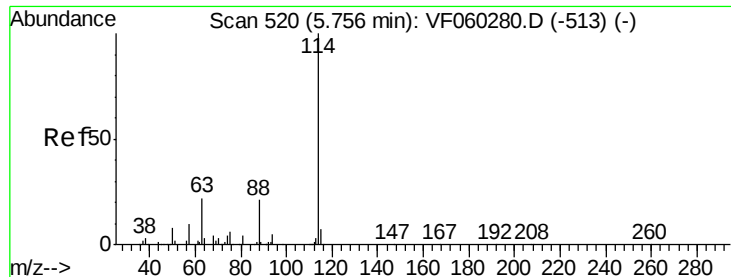
40000

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: VF060363.D

Acq: 26 Sep 2018 20:30

Instrument :

MSVOA_F

ClientSampleId :

PARCEL-190-092418-2

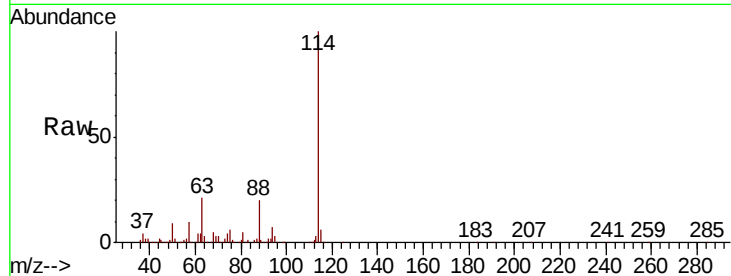
Tot Ion:114 Resp: 458187

Ion Ratio Lower Upper

114 100

63 21.3 0.0 43.8

88 19.5 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

200000

150000

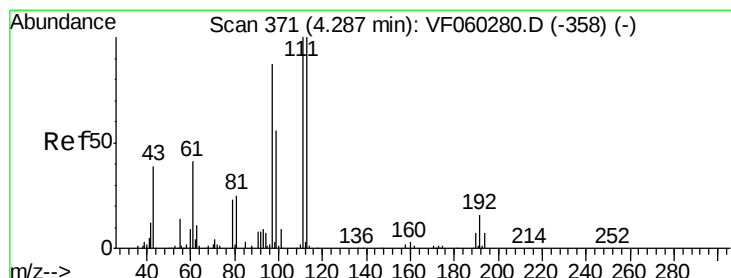
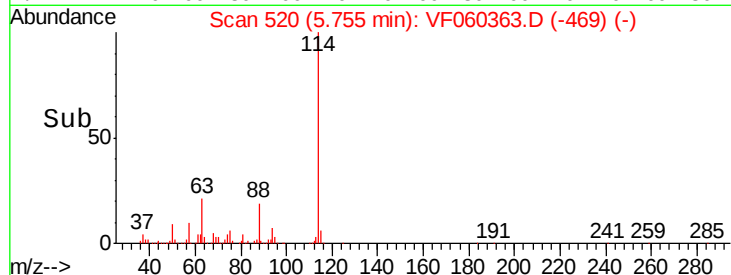
100000

50000

0

5.60 5.70 5.80 5.90

Time-->



#35

Dibromofluoromethane

Concen: 57.544 ug/l

RT: 4.28 min Scan# 370

Delta R.T. -0.01 min

Lab File: VF060363.D

Acq: 26 Sep 2018 20:30

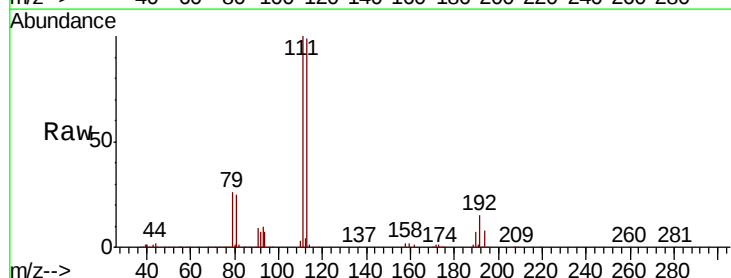
Tgt Ion:113 Resp: 235033

Ion Ratio Lower Upper

113 100

111 101.0 79.6 119.4

192 15.0 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

100000

80000

60000

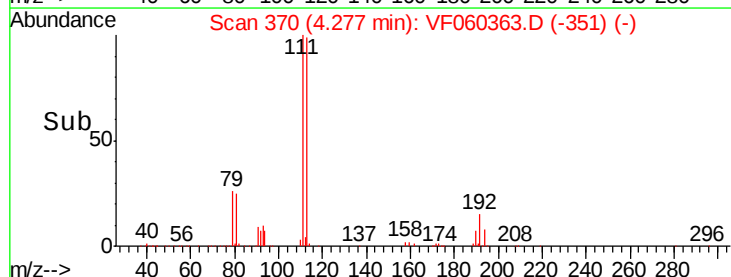
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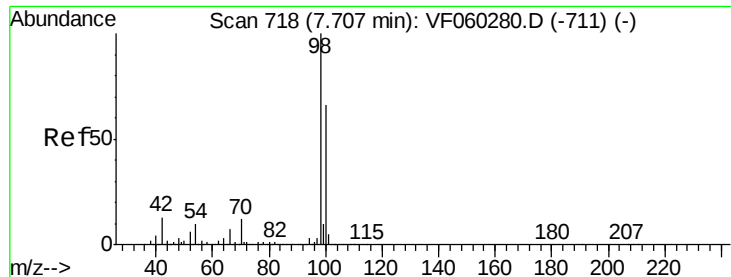
20000

0

4.10 4.20 4.30 4.40

Time-->

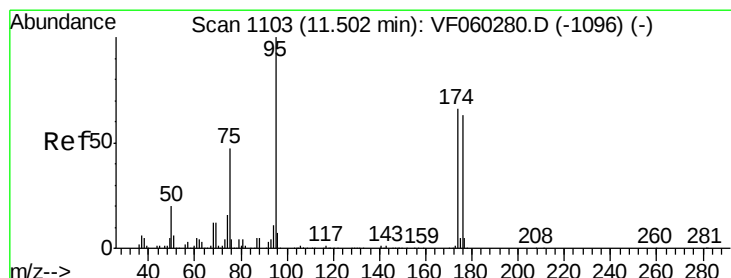
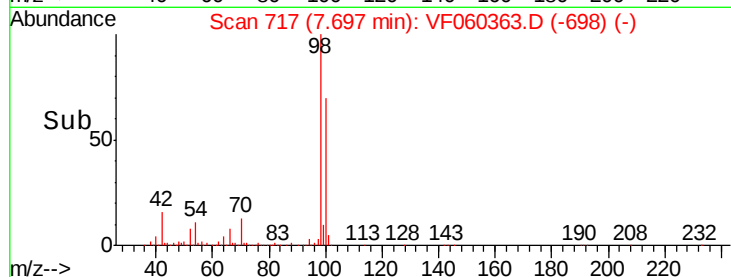
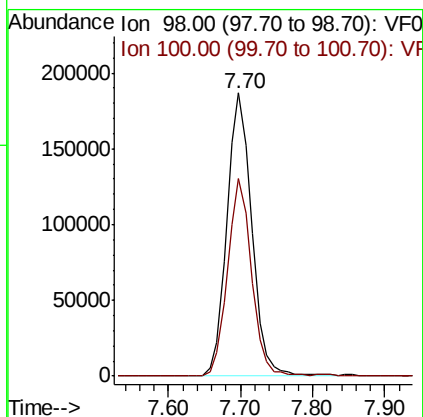
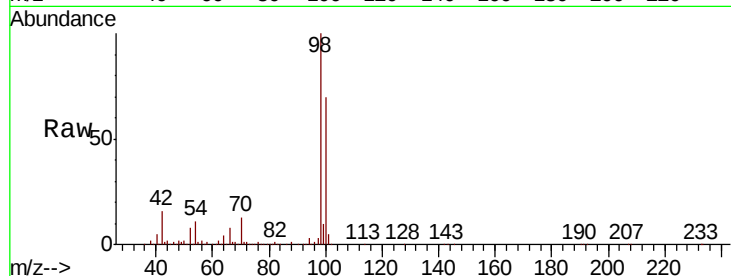




#50
Toluene-d8
Concen: 42.276 ug/l
RT: 7.70 min Scan# 717
Delta R.T. -0.01 min
Lab File: VF060363.D
Acq: 26 Sep 2018 20:30

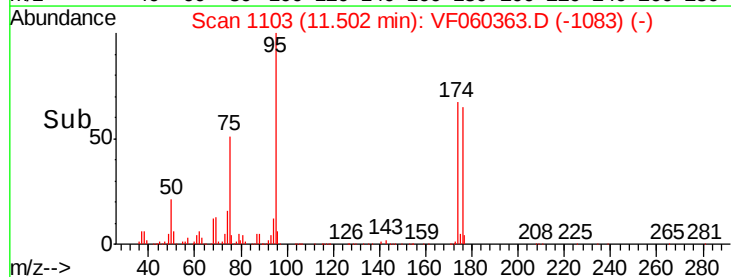
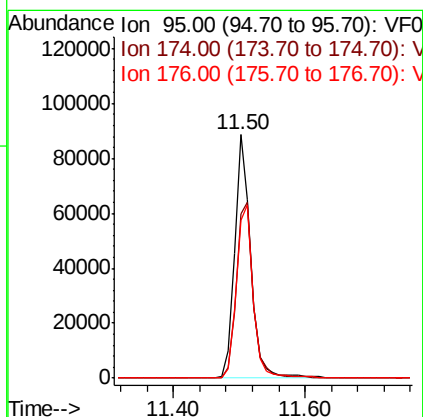
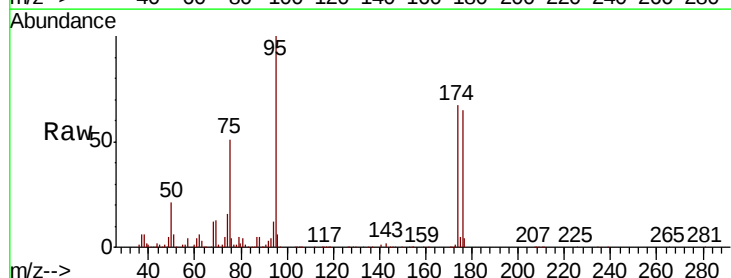
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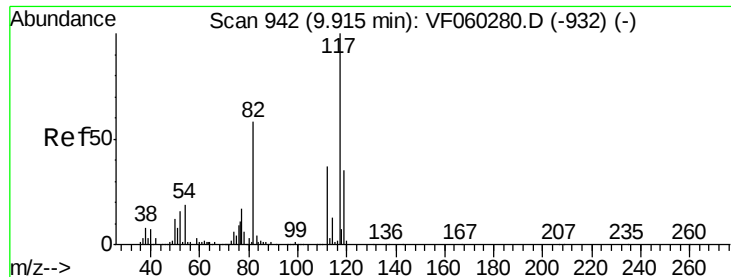
Tot Ion: 98 Resp: 449680
Ion Ratio Lower Upper
98 100
100 69.7 53.0 79.6



#62
4-Bromofluorobenzene
Concen: 32.861 ug/l
RT: 11.50 min Scan# 1103
Delta R.T. -0.00 min
Lab File: VF060363.D
Acq: 26 Sep 2018 20:30

Tgt Ion: 95 Resp: 151090
Ion Ratio Lower Upper
95 100
174 67.3 0.0 131.2
176 64.8 0.0 126.6

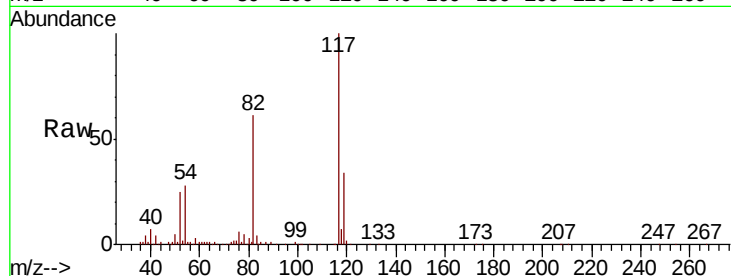




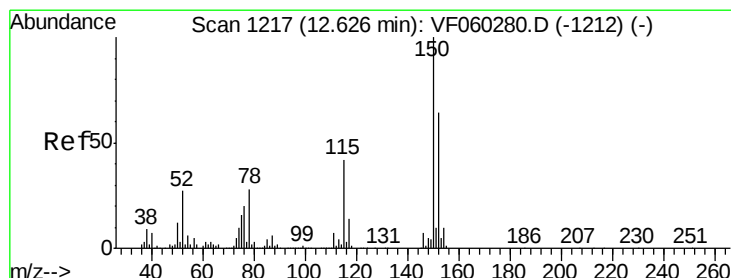
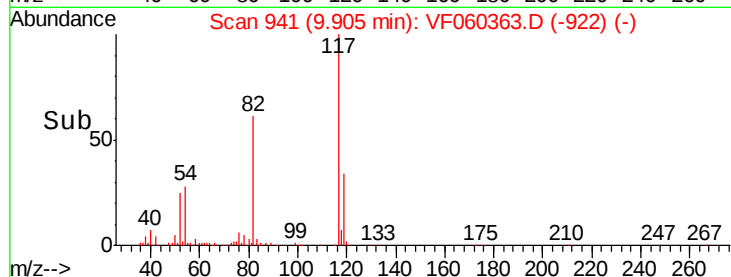
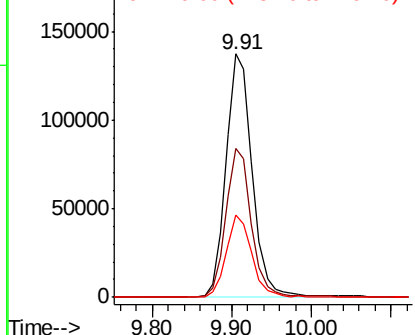
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.91 min Scan# 941
Delta R.T. -0.01 min
Lab File: VF060363.D
Acq: 26 Sep 2018 20:30

Instrument :
MSVOA_F
ClientSampleId :
PARCEL-190-092418-2

Tot Ion:117 Resp: 317918
Ion Ratio Lower Upper
117 100
82 61.0 46.2 69.2
119 33.7 27.8 41.6

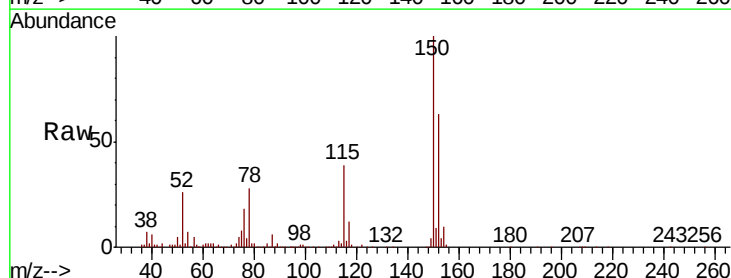


Abundance Ion 117.00 (116.70 to 117.70): V
Ion 82.00 (81.70 to 82.70): VF0
Ion 119.00 (118.70 to 119.70): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.63 min Scan# 1217
Delta R.T. -0.00 min
Lab File: VF060363.D
Acq: 26 Sep 2018 20:30

Tgt Ion:152 Resp: 104544
Ion Ratio Lower Upper
152 100
115 62.0 32.6 97.8
150 157.6 0.0 314.2



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

