

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF092518\
 Data File : VF060328.D
 Acq On : 25 Sep 2018 16:49
 Operator : VA/AP
 Sample : J5061-01
 Misc : 2.90/5mL/MSVOA F/SOIL
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 230-KV-A

Quant Time: Sep 26 09:21:21 2018
 Quant Method : Z:\V0ASRV\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	245798	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	5.76	114	437668	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.91	117	372415	50.00	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	12.63	152	171025	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	101850	30.77	ug/l	0.00
Spiked Amount						
			Recovery	=	61.54%	
35) Dibromofluoromethane	4.17	113	62	0.02	ug/l	-0.12
Spiked Amount						
			Recovery	=	0.04%	
50) Toluene-d8	7.70	98	238370	23.46	ug/l	-0.01
Spiked Amount						
			Recovery	=	46.92%	
62) 4-Bromofluorobenzene	11.50	95	98954	22.53	ug/l	0.00
Spiked Amount						
			Recovery	=	45.06%	

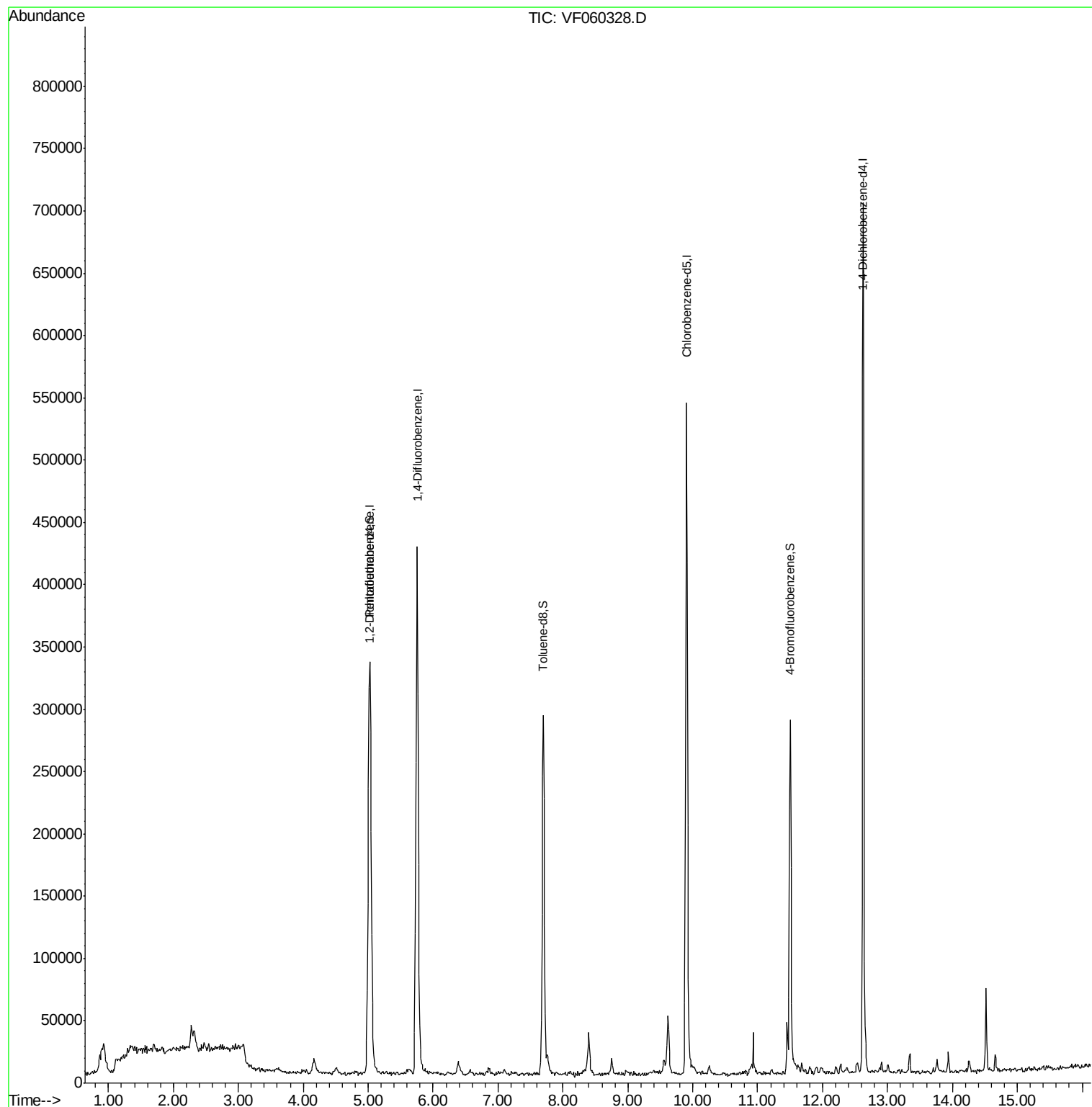
Target Compounds	Qvalue

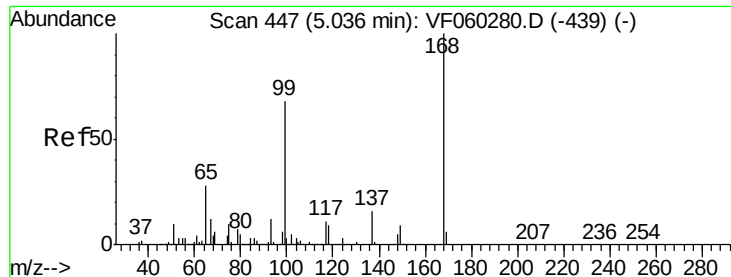
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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. -0.01 min

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Instrument :

MSVOA_F

ClientSampleId :

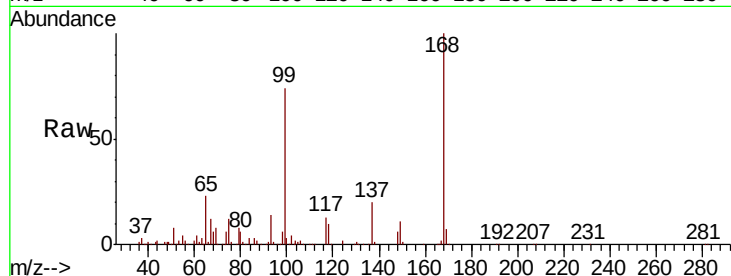
230-KV-A

Tot Ion:168 Resp: 245798

Ion Ratio Lower Upper

168 100

99 74.2 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

80000

60000

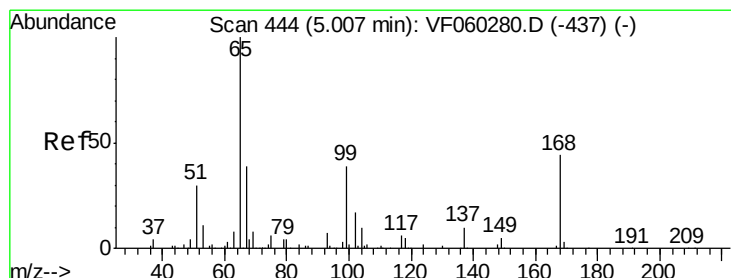
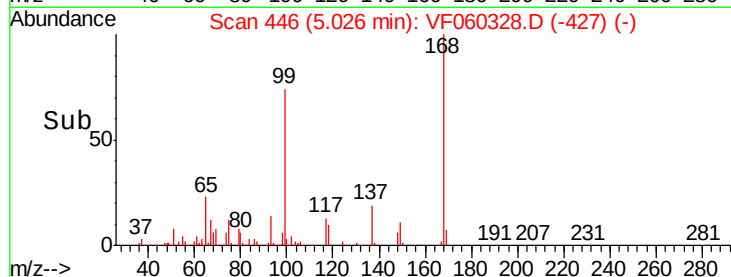
40000

20000

0

Time-->

4.90 5.00 5.10 5.20



#33

1,2-Dichloroethane-d4

Concen: 30.773 ug/l

RT: 5.01 min Scan# 444

Delta R.T. -0.00 min

Lab File: VF060328.D

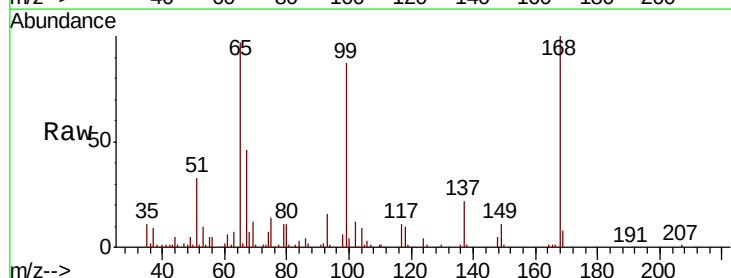
Acq: 25 Sep 2018 16:49

Tgt Ion: 65 Resp: 101850

Ion Ratio Lower Upper

65 100

67 47.3 0.0 94.4



Abundance Ion 65.00 (64.70 to 65.70): VF0

Ion 67.00 (66.70 to 67.70): VF0

40000

30000

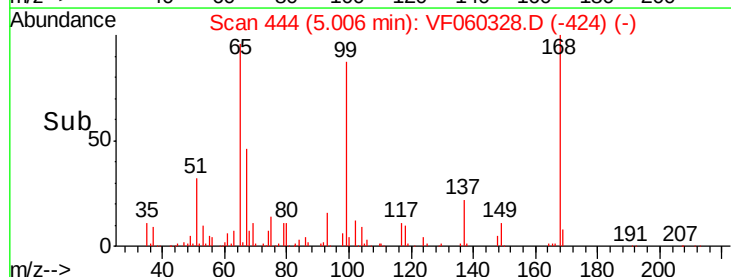
20000

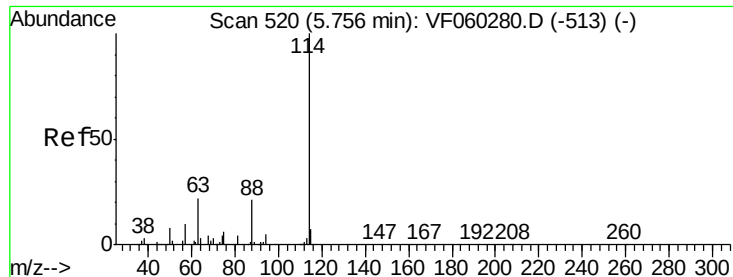
10000

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: VF060328.D

Acq: 25 Sep 2018 16:49

Instrument :

MSVOA_F

ClientSampleId :

230-KV-A

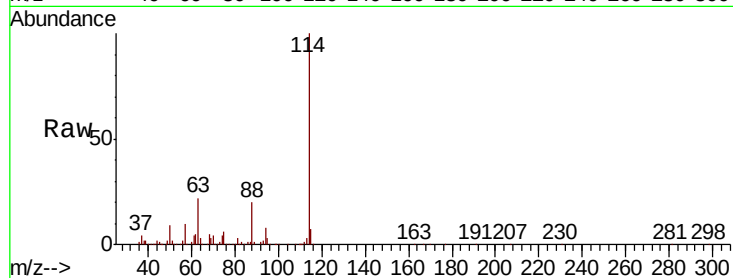
Tot Ion:114 Resp: 437668

Ion Ratio Lower Upper

114 100

63 22.1 0.0 43.8

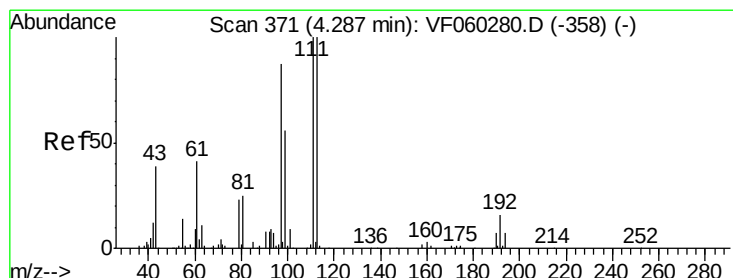
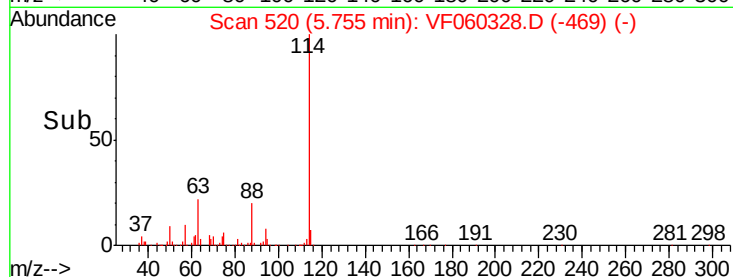
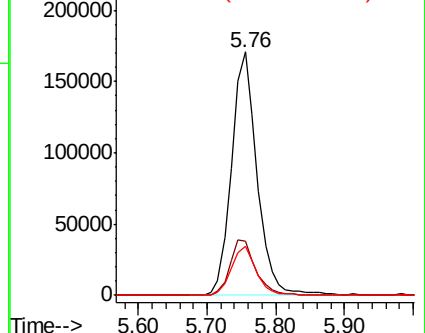
88 20.0 0.0 41.2



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: 0.016 ug/l

RT: 4.17 min Scan# 359

Delta R.T. -0.12 min

Lab File: VF060328.D

Acq: 25 Sep 2018 16:49

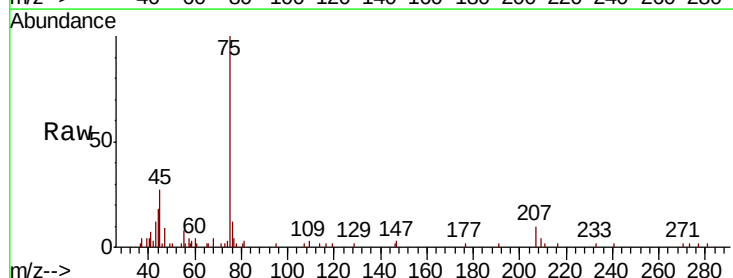
Tgt Ion:113 Resp: 62

Ion Ratio Lower Upper

113 100

111 0.0 79.6 119.4#

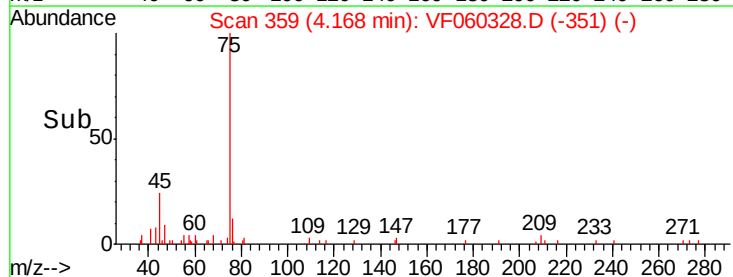
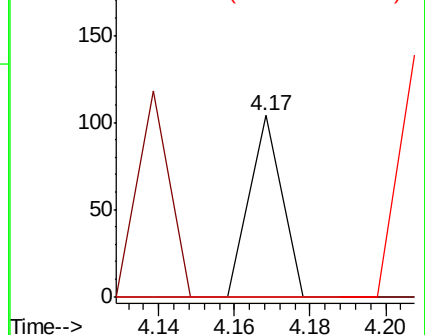
192 0.0 13.0 19.6#

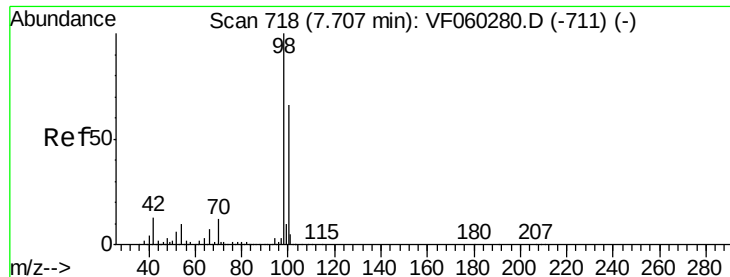


Abundance Ion 113.00 (112.70 to 113.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 192.00 (191.70 to 192.70): V

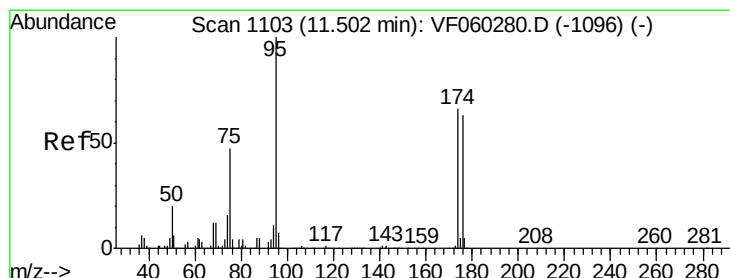
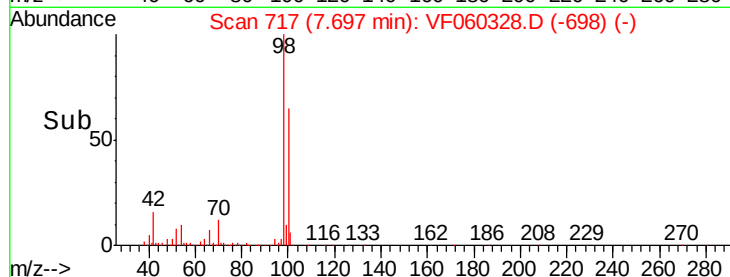
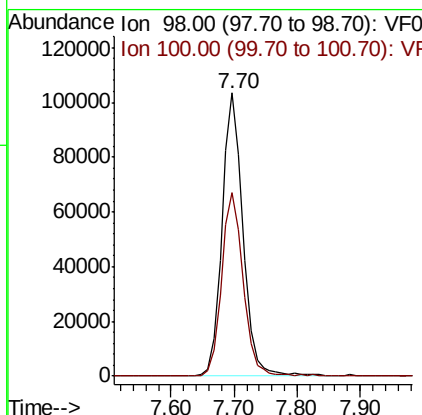
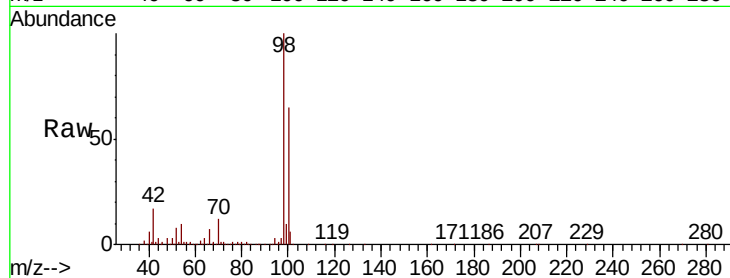




#50
Toluene-d8
Concen: 23.461 ug/l
RT: 7.70 min Scan# 717
Delta R.T. -0.01 min
Lab File: VF060328.D
Acq: 25 Sep 2018 16:49

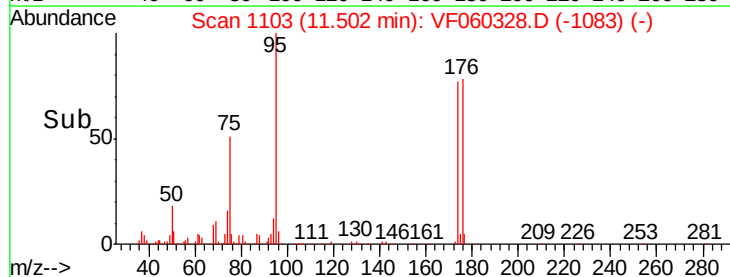
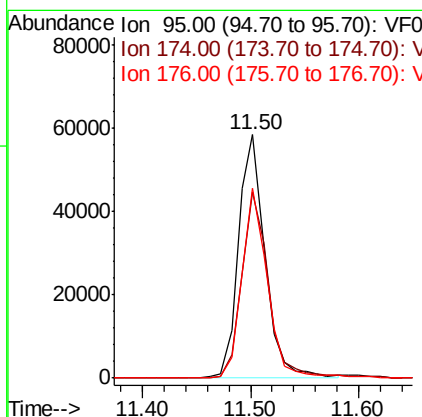
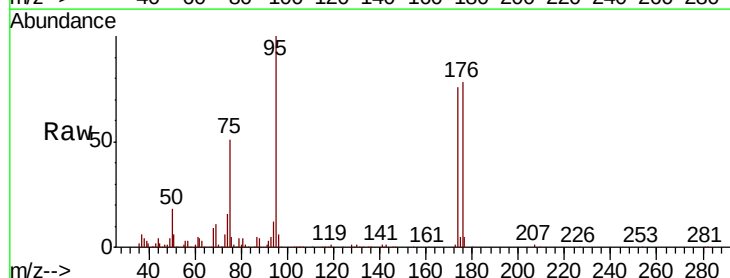
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230-KV-A

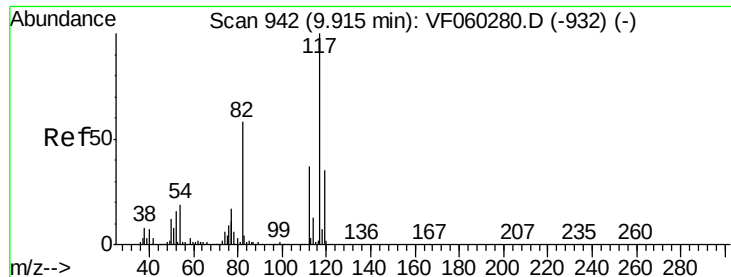
Tot Ion: 98 Resp: 238370
Ion Ratio Lower Upper
98 100
100 64.7 53.0 79.6



#62
4-Bromofluorobenzene
Concen: 22.531 ug/l
RT: 11.50 min Scan# 1103
Delta R.T. -0.00 min
Lab File: VF060328.D
Acq: 25 Sep 2018 16:49

Tgt Ion: 95 Resp: 98954
Ion Ratio Lower Upper
95 100
174 76.5 0.0 131.2
176 78.0 0.0 126.6

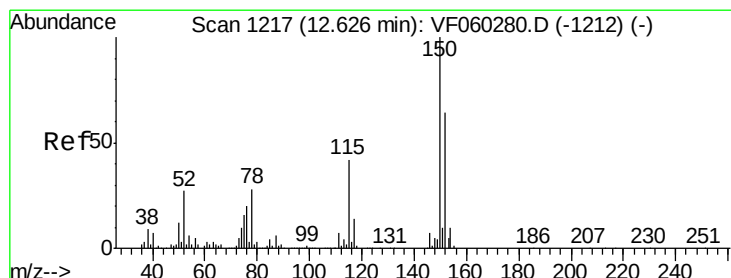
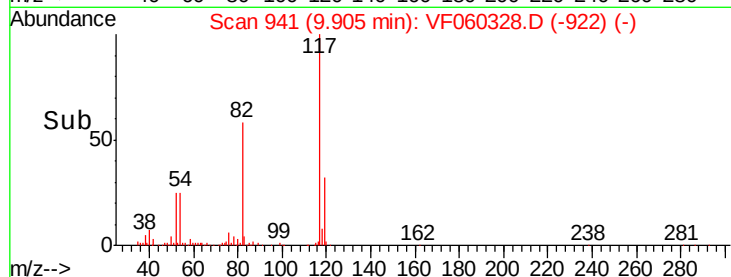
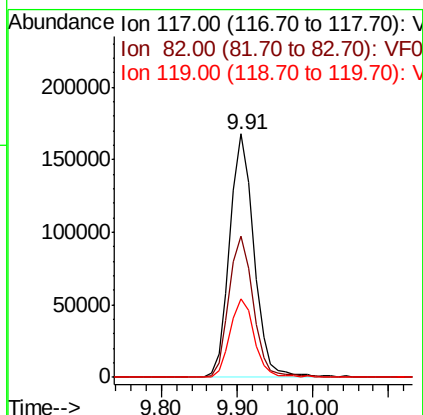
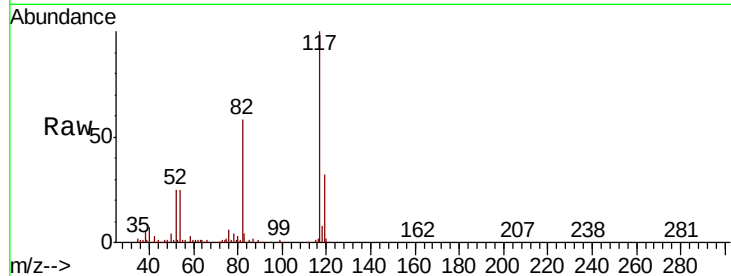




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.91 min Scan# 941
Delta R.T. -0.01 min
Lab File: VF060328.D
Acq: 25 Sep 2018 16:49

Instrument :
MSVOA_F
ClientSampleId :
230-KV-A

Tot Ion:117 Resp: 372415
Ion Ratio Lower Upper
117 100
82 58.1 46.2 69.2
119 32.2 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: VF060328.D
Acq: 25 Sep 2018 16:49

Tgt Ion:152 Resp: 171025
Ion Ratio Lower Upper
152 100
115 58.4 32.6 97.8
150 157.4 0.0 314.2

