

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF092018\
 Data File : VF060309.D
 Acq On : 20 Sep 2018 20:43
 Operator : VA/AP
 Sample : J5025-02
 Misc : 9.67/5mL/MSVOA F/SOIL
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 FK-PS-01-041

Quant Time: Sep 21 05:57:08 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	5.02	168	269386	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	5.74	114	449588	50.00	ug/l	-0.01
63) Chlorobenzene-d5	9.89	117	334483	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	12.62	152	148952	50.00	ug/l	-0.01

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.00	65	163110	44.97	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	89.94%	
35) Dibromofluoromethane	4.27	113	177895	44.39	ug/l	-0.02
Spiked Amount	50.000		Recovery	=	88.78%	
50) Toluene-d8	7.69	98	347771	33.32	ug/l	-0.02
Spiked Amount	50.000		Recovery	=	66.64%	
62) 4-Bromofluorobenzene	11.49	95	144980	32.13	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	64.26%	

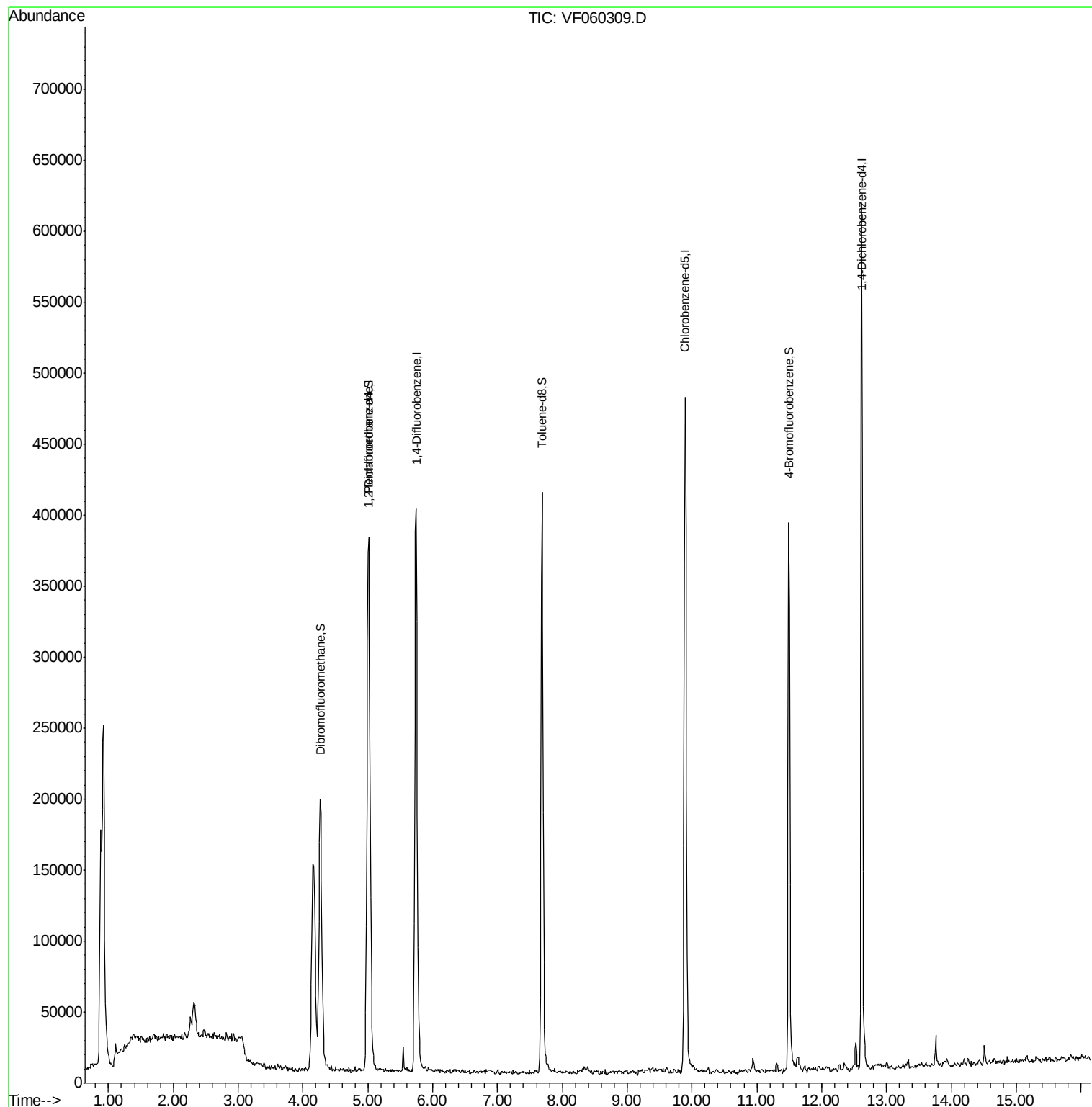
Target Compounds	Qvalue

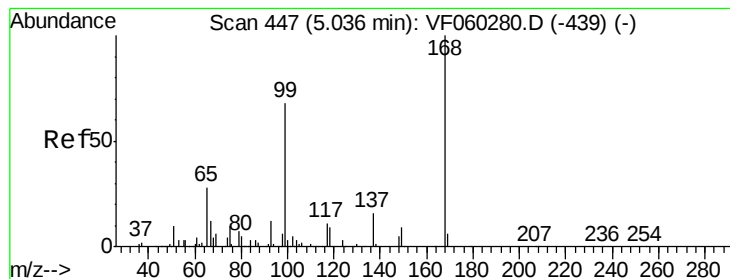
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.02 min Scan# 445

Delta R.T. -0.02 min

Lab File: VF060309.D

Acq: 20 Sep 2018 20:43

Instrument :

MSVOA_F

ClientSampleId :

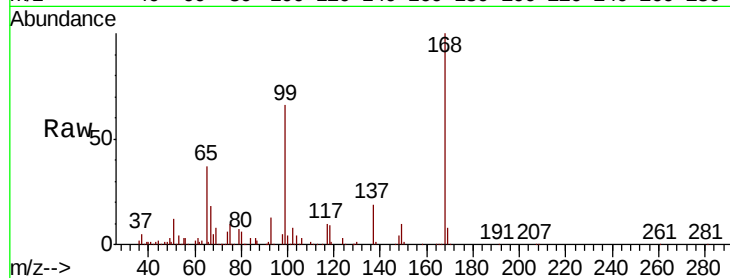
FK-PS-01-041

Tot Ion:168 Resp: 269386

Ion Ratio Lower Upper

168 100

99 65.9 54.8 82.2



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

5.02

100000

80000

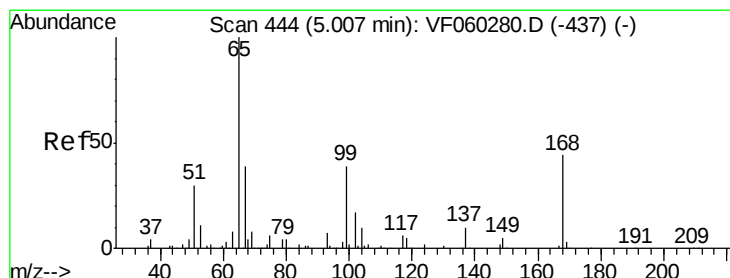
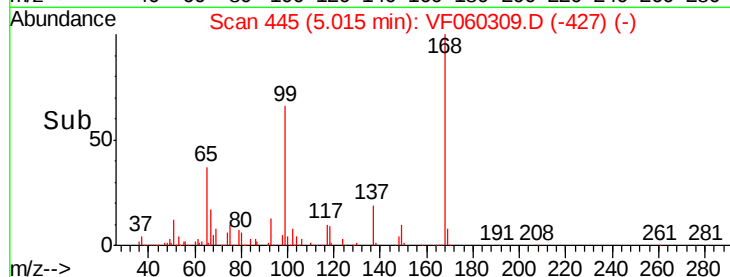
60000

40000

20000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 44.967 ug/l

RT: 5.00 min Scan# 443

Delta R.T. -0.01 min

Lab File: VF060309.D

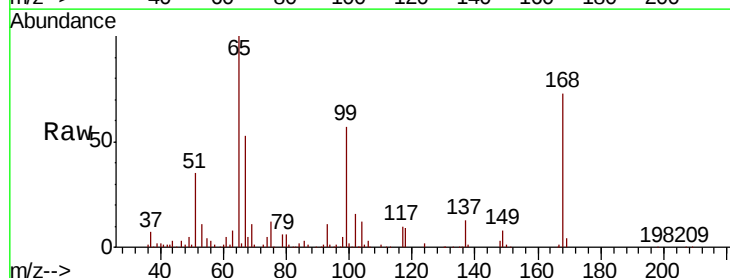
Acq: 20 Sep 2018 20:43

Tgt Ion: 65 Resp: 163110

Ion Ratio Lower Upper

65 100

67 52.6 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

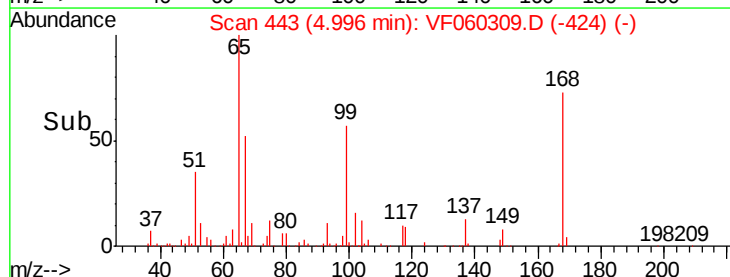
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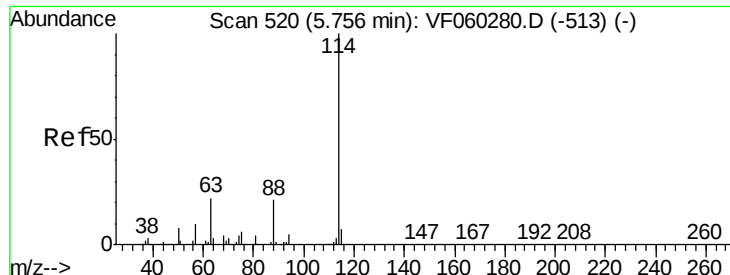
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Time-->

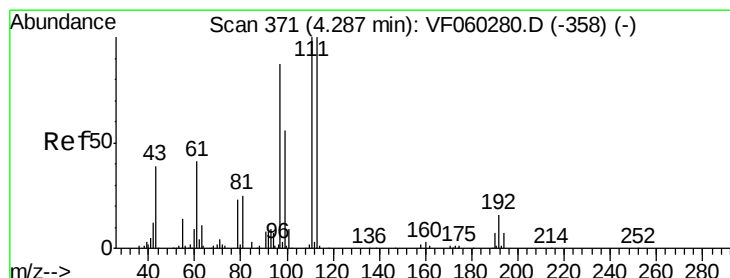
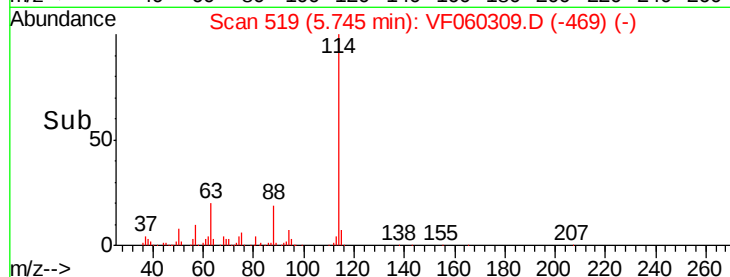
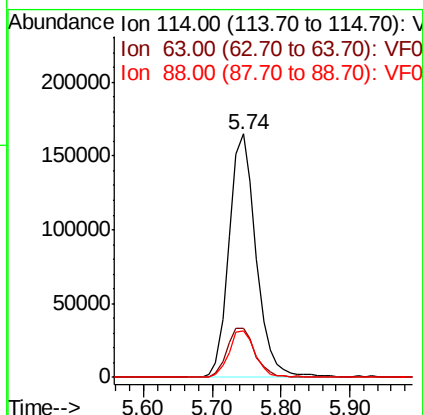
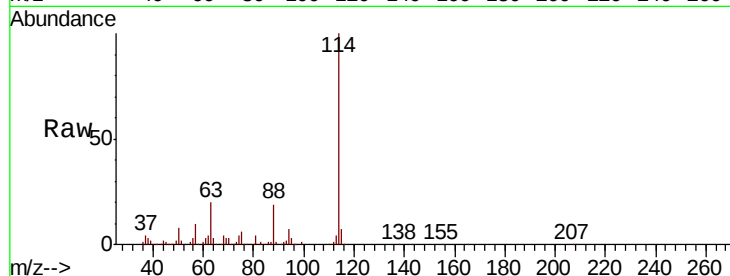




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.74 min Scan# 519
 Delta R.T. -0.01 min
 Lab File: VF060309.D
 Acq: 20 Sep 2018 20:43

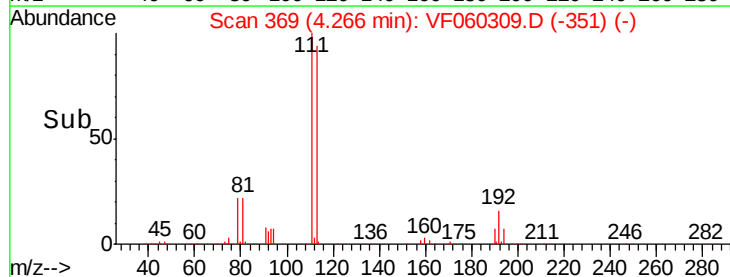
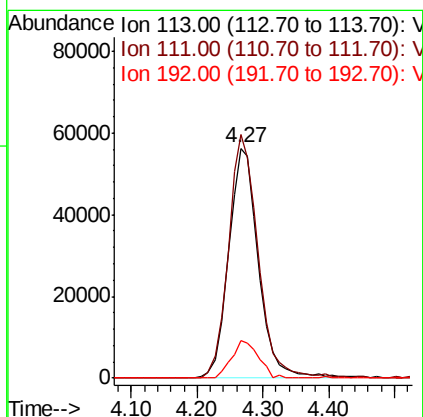
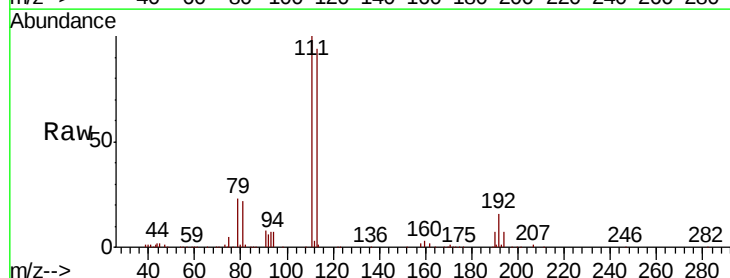
Instrument :
 MSVOA_F
 ClientSampleId :
 FK-PS-01-041

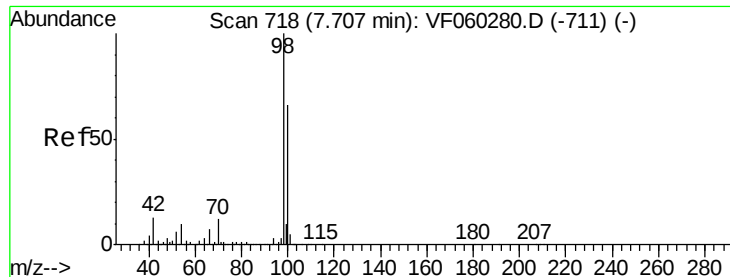
Tot Ion:114 Resp: 449588
 Ion Ratio Lower Upper
 114 100
 63 20.0 0.0 43.8
 88 18.9 0.0 41.2



#35
 Dibromofluoromethane
 Concen: 44.388 ug/l
 RT: 4.27 min Scan# 369
 Delta R.T. -0.02 min
 Lab File: VF060309.D
 Acq: 20 Sep 2018 20:43

Tgt Ion:113 Resp: 177895
 Ion Ratio Lower Upper
 113 100
 111 105.9 79.6 119.4
 192 16.6 13.0 19.6

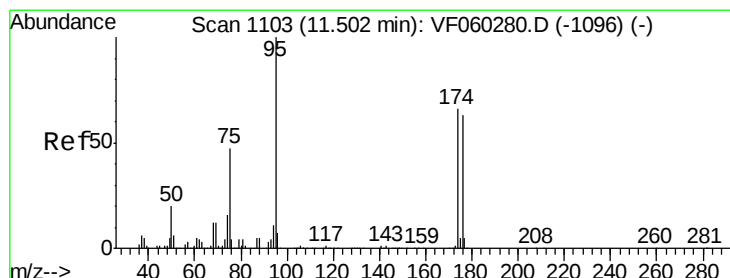
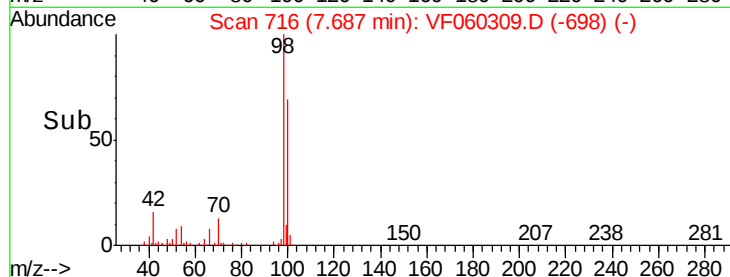
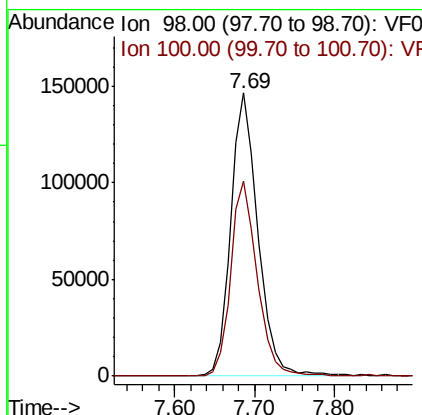
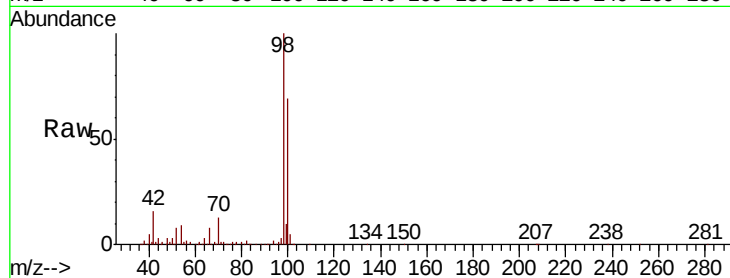




#50
Toluene-d8
Concen: 33.321 ug/l
RT: 7.69 min Scan# 716
Delta R.T. -0.02 min
Lab File: VF060309.D
Acq: 20 Sep 2018 20:43

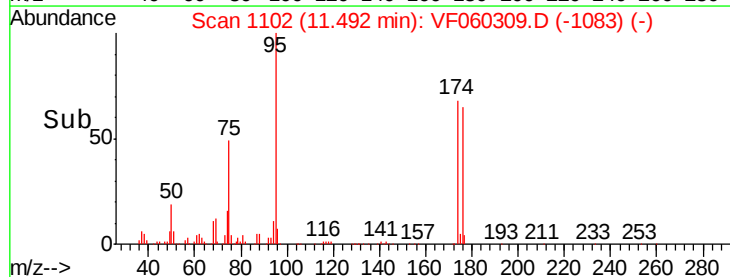
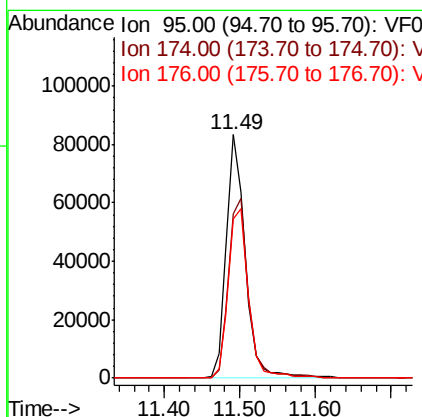
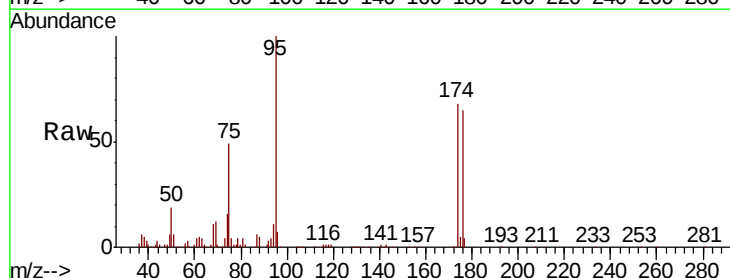
Instrument :
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FK-PS-01-041

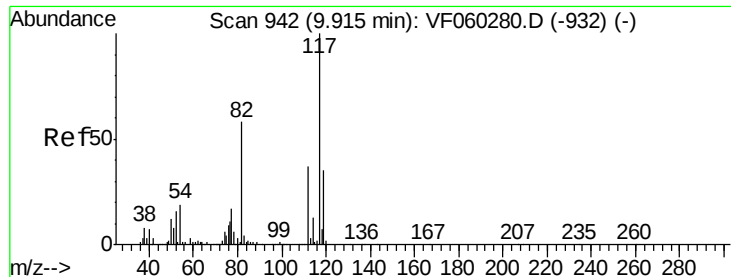
Tot Ion: 98 Resp: 347771
Ion Ratio Lower Upper
98 100
100 69.0 53.0 79.6



#62
4-Bromofluorobenzene
Concen: 32.135 ug/l
RT: 11.49 min Scan# 1102
Delta R.T. -0.01 min
Lab File: VF060309.D
Acq: 20 Sep 2018 20:43

Tgt Ion: 95 Resp: 144980
Ion Ratio Lower Upper
95 100
174 67.5 0.0 131.2
176 65.3 0.0 126.6

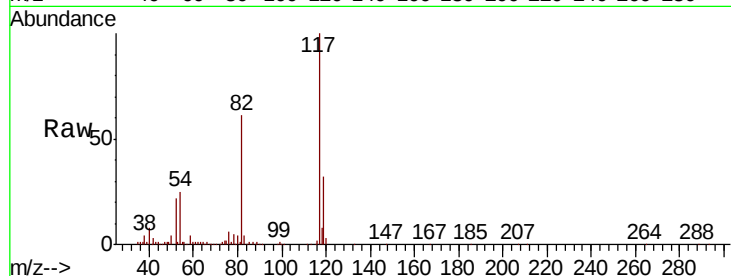




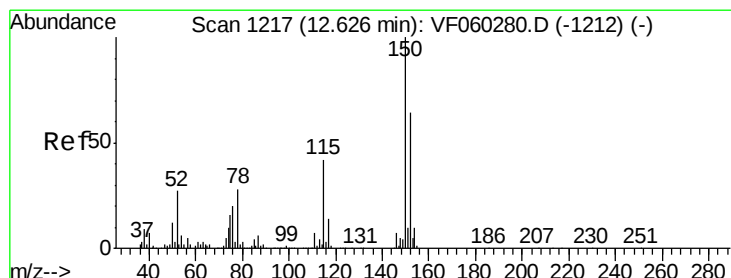
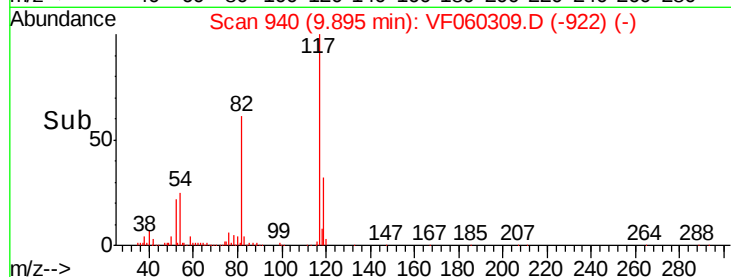
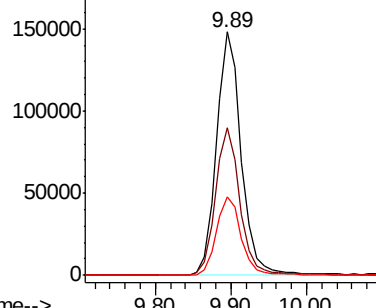
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.89 min Scan# 940
Delta R.T. -0.02 min
Lab File: VF060309.D
Acq: 20 Sep 2018 20:43

Instrument :
MSVOA_F
ClientSampleId :
FK-PS-01-041

Tot Ion	Ratio	Lower	Upper
117	100		
82	60.7	46.2	69.2
119	32.0	27.8	41.6

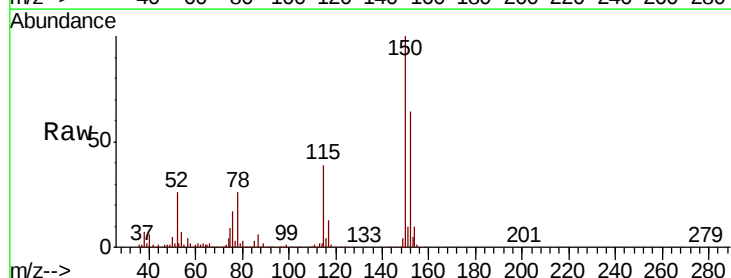


Abundance Ion 117.00 (116.70 to 117.70): V
Ion 82.00 (81.70 to 82.70): VF0
Ion 119.00 (118.70 to 119.70): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.62 min Scan# 1216
Delta R.T. -0.01 min
Lab File: VF060309.D
Acq: 20 Sep 2018 20:43

Tgt Ion	Ratio	Lower	Upper
152	100		
115	60.8	32.6	97.8
150	156.5	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

