

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF062818\
 Data File : VF059358.D
 Acq On : 28 Jun 2018 14:09
 Operator : VA/AP
 Sample : J3680-02RE
 Misc : 8.30g/5mL/MSVOA-F/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 FK-BPM-01-E6-F6-E6A-F6ARE

Manual Integrations
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Quant Time: Jun 29 04:47:54 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F062518S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 26 08:45:17 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.05	168	197941	50.00	ug/l	0.02
34) 1,4-Difluorobenzene	5.77	114	319820	50.00	ug/l	0.02
63) Chlorobenzene-d5	9.92	117	319900	50.00	ug/l	0.02
72) 1,4-Dichlorobenzene-d4	12.64	152	223435	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	5.03	65	174811	68.36	ug/l	0.02
Spiked Amount 50.000			Recovery	=	136.72%	
35) Dibromofluoromethane	4.30	113	156906	67.15	ug/l	0.02
Spiked Amount 50.000			Recovery	=	134.30%	
50) Toluene-d8	7.72	98	341141	58.96	ug/l	0.02
Spiked Amount 50.000			Recovery	=	117.92%	
62) 4-Bromofluorobenzene	11.51	95	213195	65.32	ug/l	0.00
Spiked Amount 50.000			Recovery	=	130.64%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	2.33	43	11298m	7.81	ug/l	

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

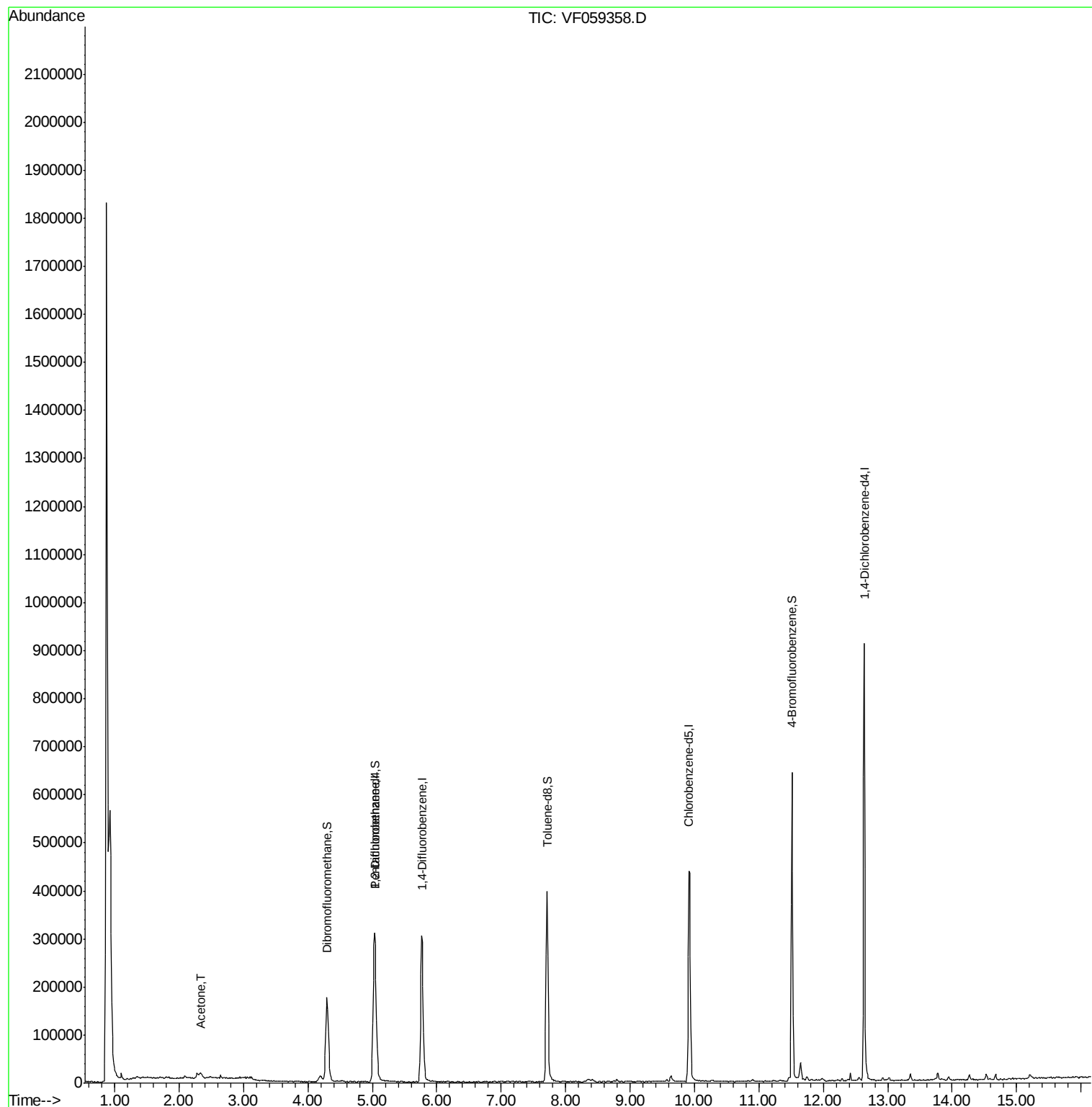
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF062818\
Data File : VF059358.D
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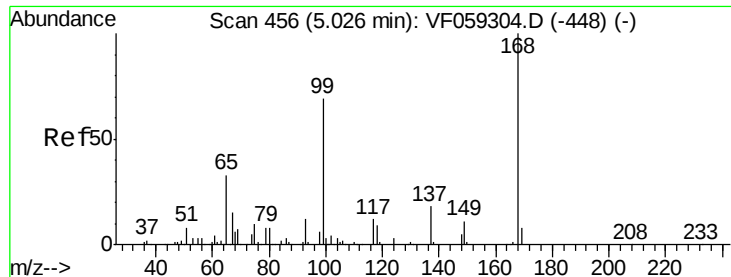
Instrument :
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Quant Time: Jun 29 04:47:54 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F062518S.M
Quant Title : SW846 8260
QLast Update : Tue Jun 26 08:45:17 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.05 min Scan# 458

Delta R.T. 0.02 min

Lab File: VF059358.D

Acq: 28 Jun 2018 14:09

Instrument :

MSVOA_F

ClientSampleId :

FK-BPM-01-E6-F6-E6A-F6ARE

Tot Ion:168 Resp: 197941

Ion Ratio Lower Upper

168 100

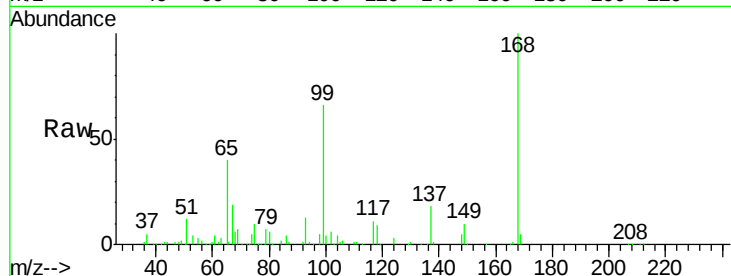
99 65.6 54.9 82.3

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Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

5.05

80000

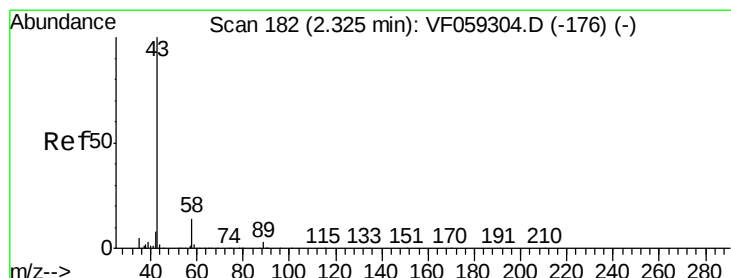
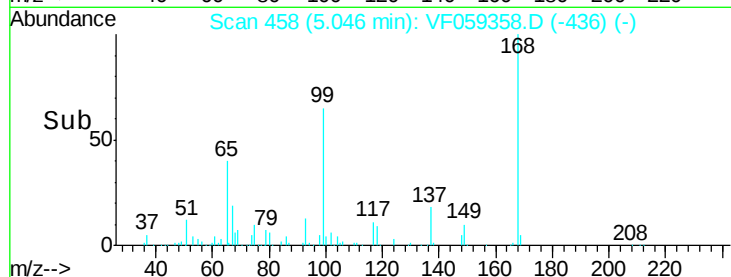
60000

40000

20000

0

Time-->



#16

Acetone

Concen: 7.81 ug/l m

RT: 2.33 min Scan# 183

Delta R.T. 0.01 min

Lab File: VF059358.D

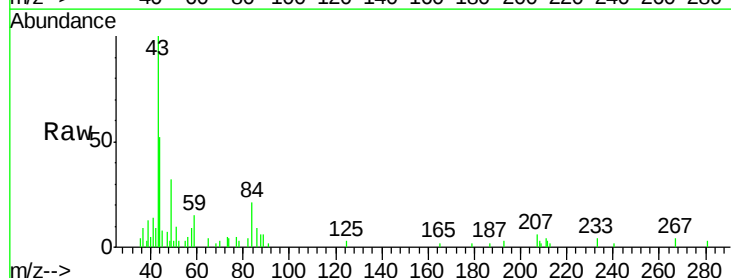
Acq: 28 Jun 2018 14:09

Tgt Ion: 43 Resp: 11298

Ion Ratio Lower Upper

43 100

58 8.7 11.4 17.0#



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0

2.33

5000

4000

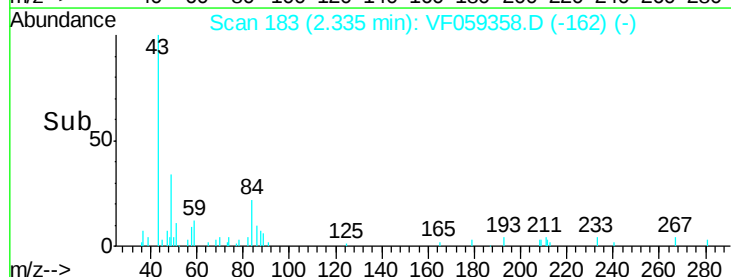
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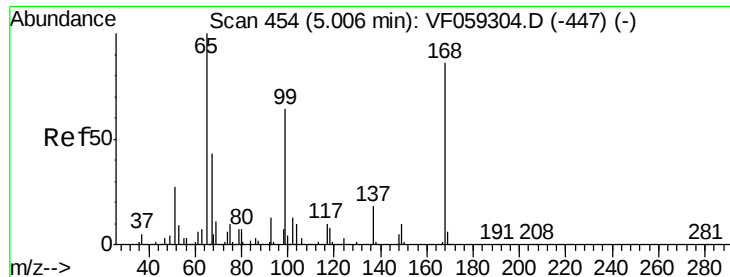
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1000

0

Time-->





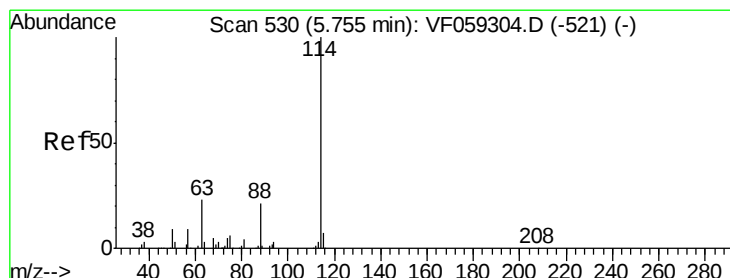
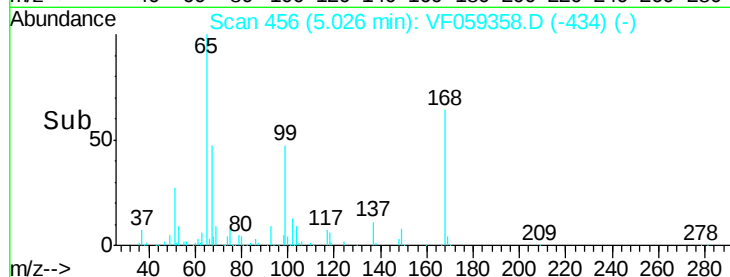
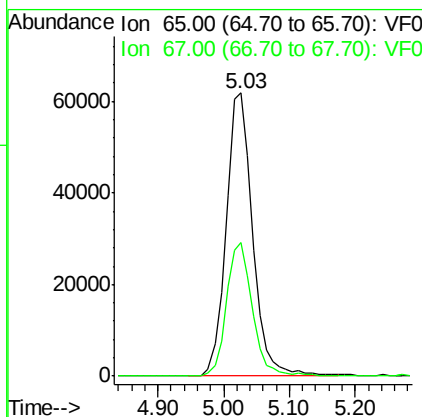
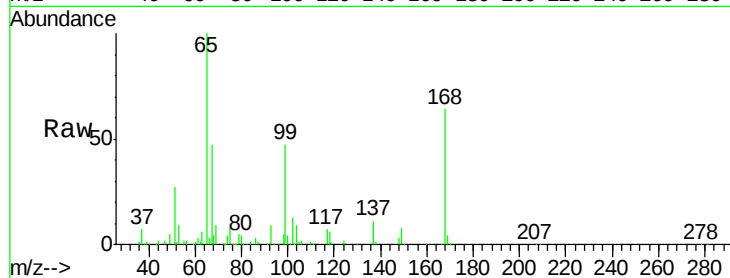
#33
 1,2-Dichloroethane-d4
 Concen: 68.36 ug/l
 RT: 5.03 min Scan# 456
 Delta R.T. 0.02 min
 Lab File: VF059358.D
 Acq: 28 Jun 2018 14:09

Instrument :
 MSVOA_F
 ClientSampleId :
 FK-BPM-01-E6-F6-E6A-F6ARE

Tot Ion	Ratio	Lower	Upper
65	100		
67	47.3	0.0	96.8

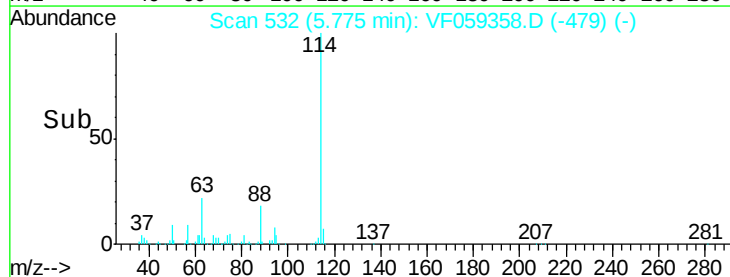
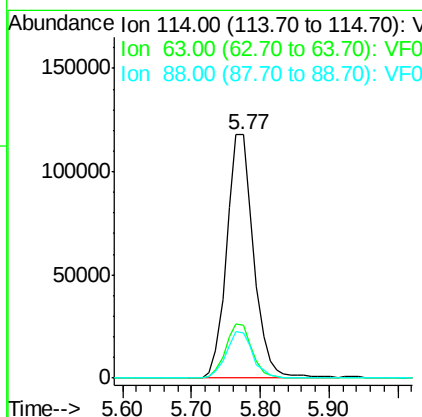
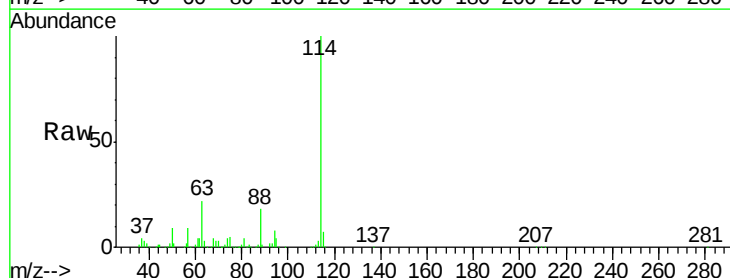
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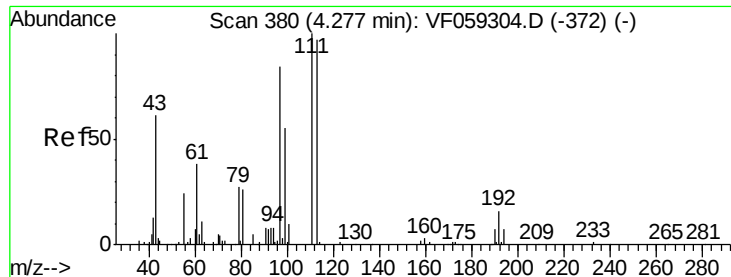
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#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 5.77 min Scan# 532
 Delta R.T. 0.02 min
 Lab File: VF059358.D
 Acq: 28 Jun 2018 14:09

Tgt Ion	Ratio	Lower	Upper
114	100		
63	21.7	0.0	45.8
88	18.4	0.0	41.2





#35

Dibromofluoromethane

Concen: 67.15 ug/l

RT: 4.30 min Scan# 382

Delta R.T. 0.02 min

Lab File: VF059358.D

Acq: 28 Jun 2018 14:09

Instrument :

MSVOA_F

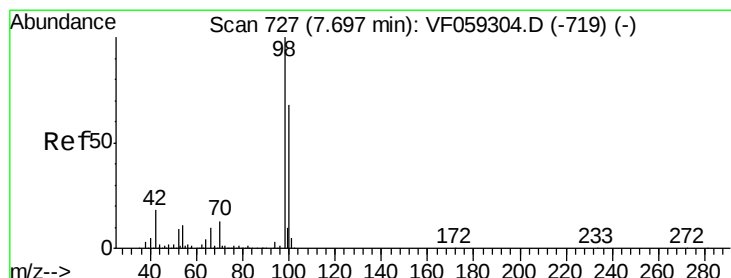
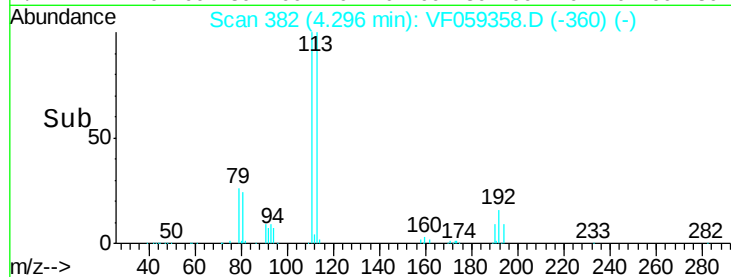
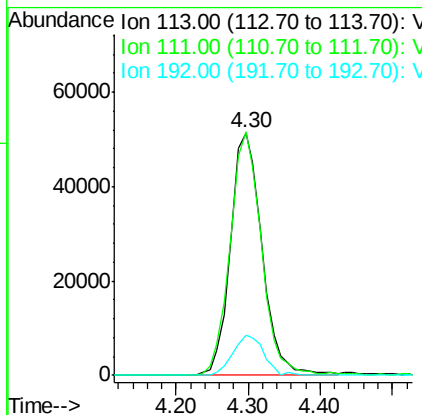
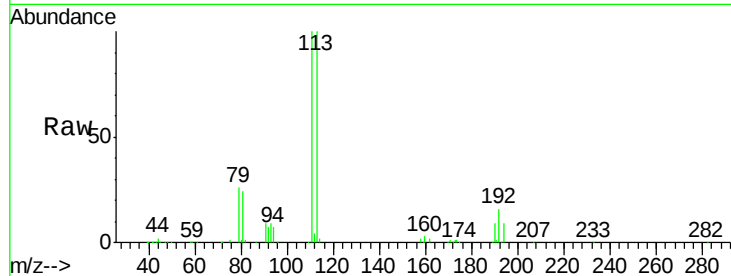
ClientSampleId :

FK-BPM-01-E6-F6-E6A-F6ARE

Tot Ion:	113	Resp:	156906
Ion Ratio	Lower	Upper	
113	100		
111	100.3	82.1	123.1
192	16.3	13.0	19.6

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#50

Toluene-d8

Concen: 58.96 ug/l

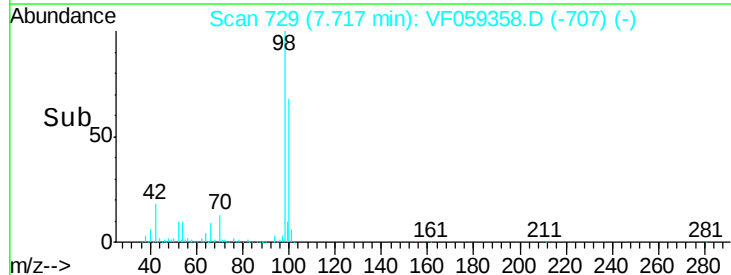
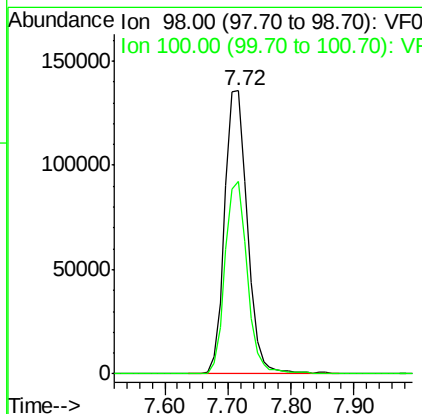
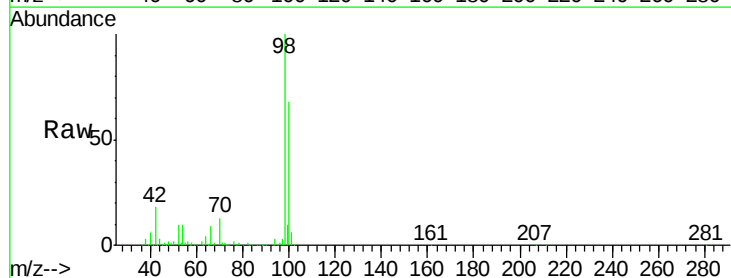
RT: 7.72 min Scan# 729

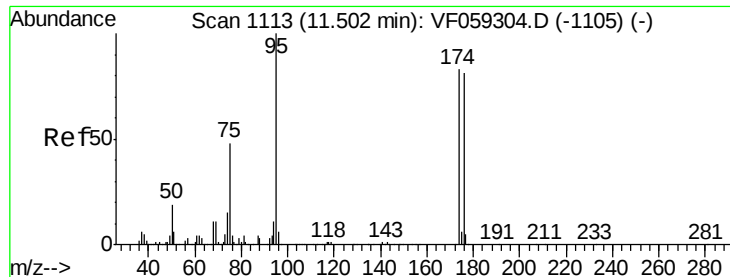
Delta R.T. 0.02 min

Lab File: VF059358.D

Acq: 28 Jun 2018 14:09

Tgt Ion:	98	Resp:	341141
Ion Ratio	Lower	Upper	
98	100		
100	68.2	54.6	82.0





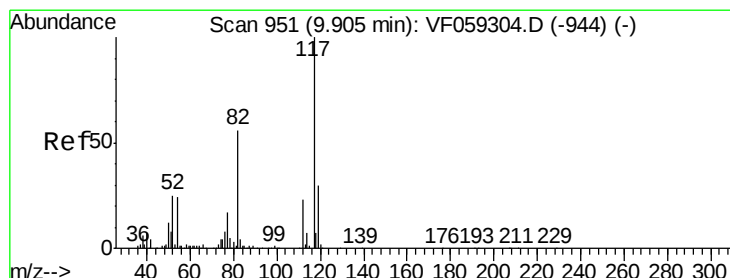
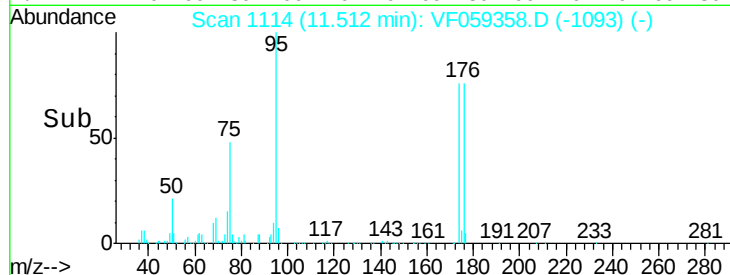
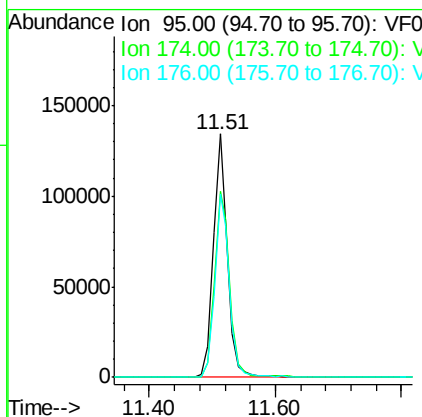
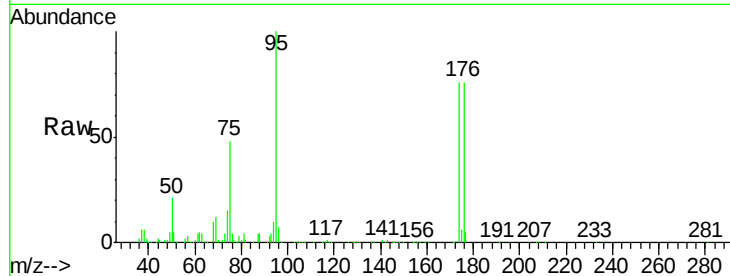
#62
4-Bromofluorobenzene
Concen: 65.32 ug/l
RT: 11.51 min Scan# 1114
Delta R.T. 0.01 min
Lab File: VF059358.D
Acq: 28 Jun 2018 14:09

Instrument :
MSVOA_F
ClientSampleId :
FK-BPM-01-E6-F6-E6A-F6ARE

Tot Ion	Ratio	Resp	Lower	Upper
95	100	213195		
174	76.3	0.0	165.2	
176	75.6	0.0	161.0	

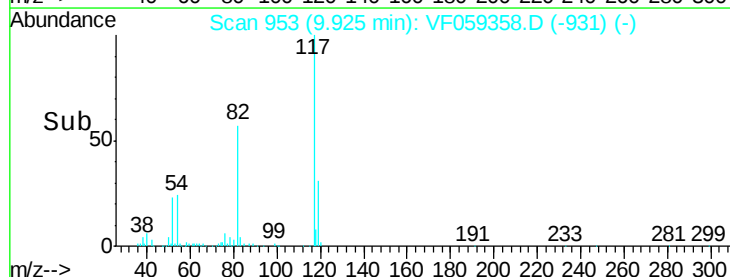
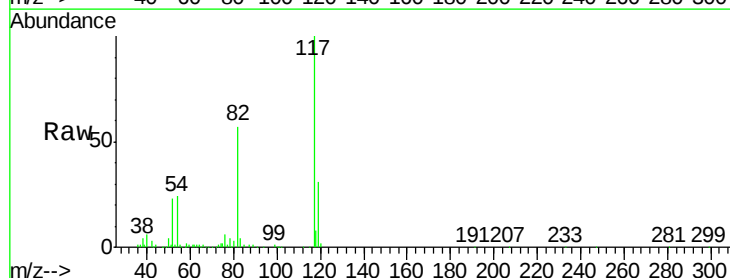
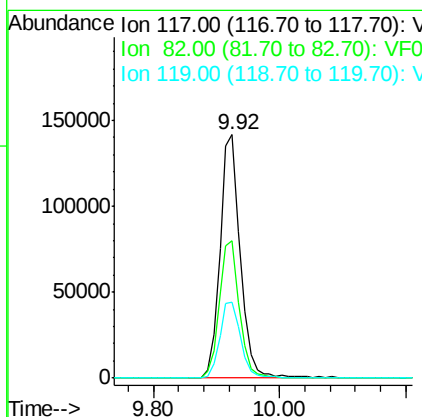
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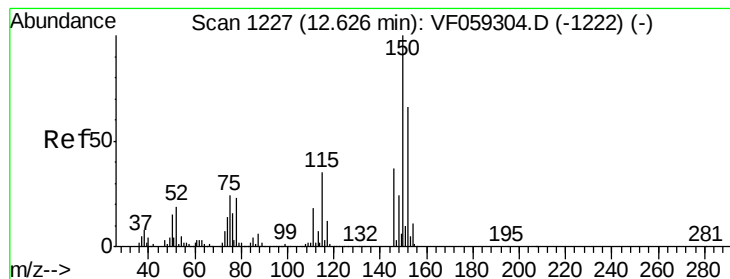
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#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.92 min Scan# 953
Delta R.T. 0.02 min
Lab File: VF059358.D
Acq: 28 Jun 2018 14:09

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	319900		
82	56.5	44.6	66.8	
119	31.2	24.1	36.1	





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.64 min Scan# 1228

Delta R.T. 0.01 min

Lab File: VF059358.D

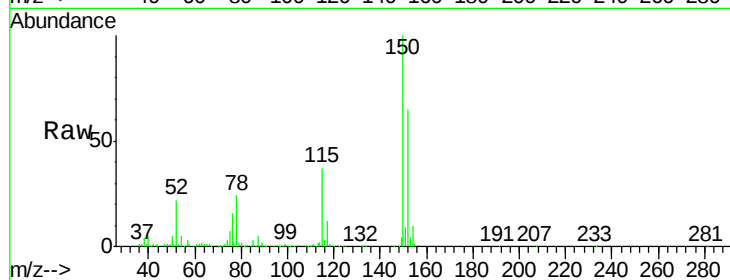
Acq: 28 Jun 2018 14:09

Instrument :

MSVOA_F

ClientSampleId :

FK-BPM-01-E6-F6-E6A-F6ARE



Tot Ion:152 Resp: 223435

Ion Ratio Lower Upper

152 100

115 57.1 27.1 81.3

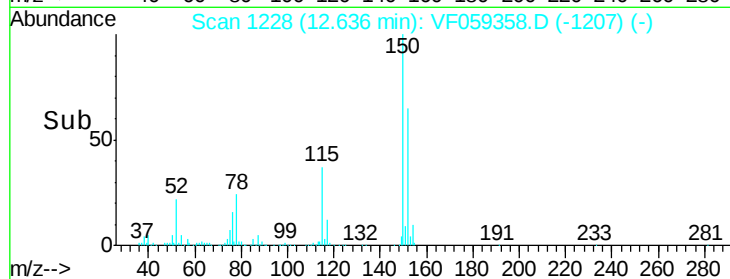
150 154.7 0.0 305.2

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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

