

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF070518\
 Data File : VF059433.D
 Acq On : 5 Jul 2018 14:49
 Operator : VA/AP
 Sample : J3840-12RE
 Misc : 6.57g/5mL/MSVOA-F/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 TP-4-SRE

Quant Time: Jul 06 08:05:03 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

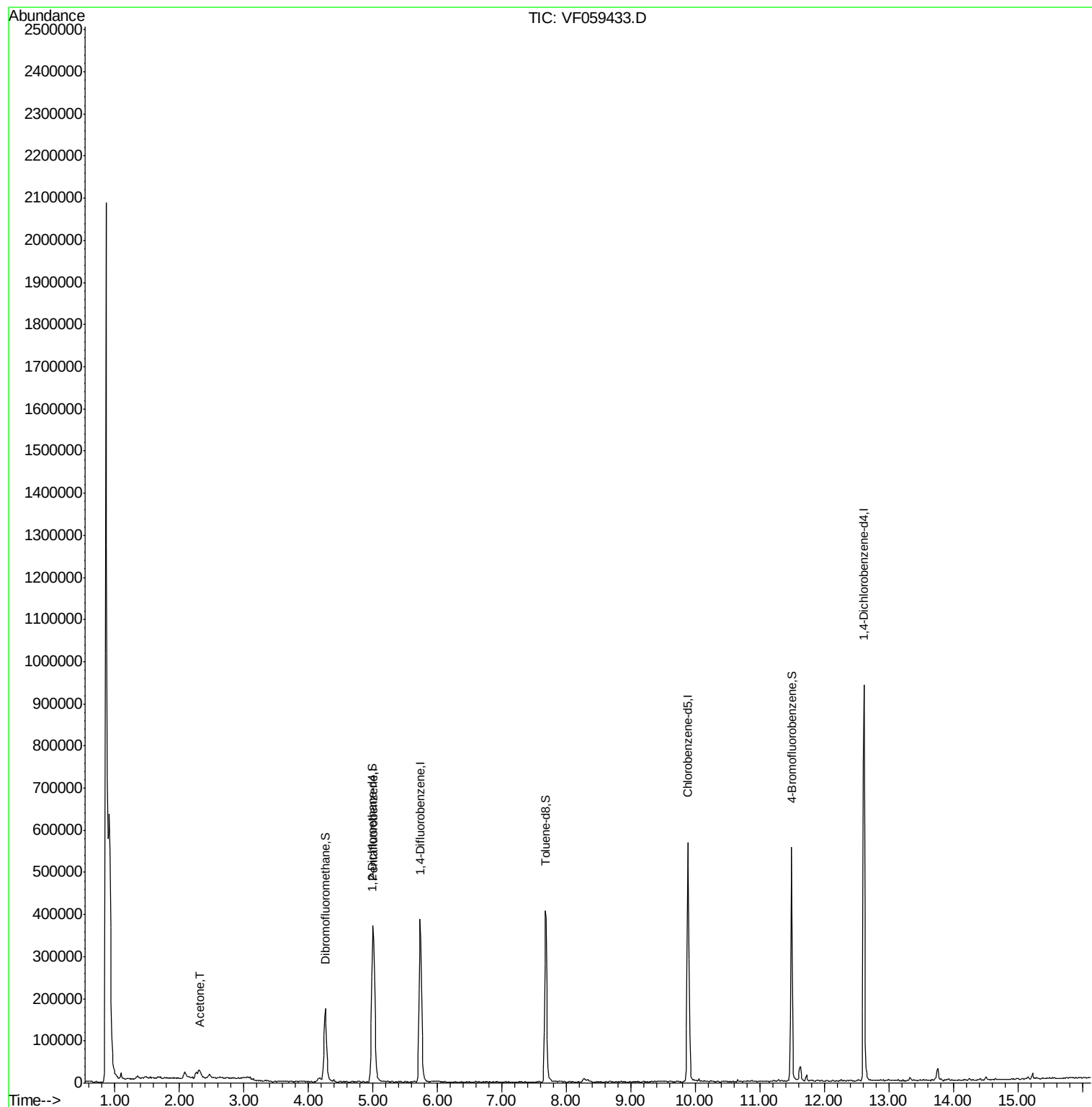
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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1) Pentafluorobenzene	5.01	168	250691	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	5.73	114	390429	50.00	ug/l	-0.02
63) Chlorobenzene-d5	9.88	117	381783	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	12.61	152	233650	50.00	ug/l	-0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.99	65	175976	54.33	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	108.66%	
35) Dibromofluoromethane	4.27	113	149058	52.25	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	104.50%	
50) Toluene-d8	7.69	98	331411	46.92	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	93.84%	
62) 4-Bromofluorobenzene	11.49	95	190766	47.88	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	95.76%	
Target Compounds						Qvalue
16) Acetone	2.33	43	13094	6.243	ug/l #	89
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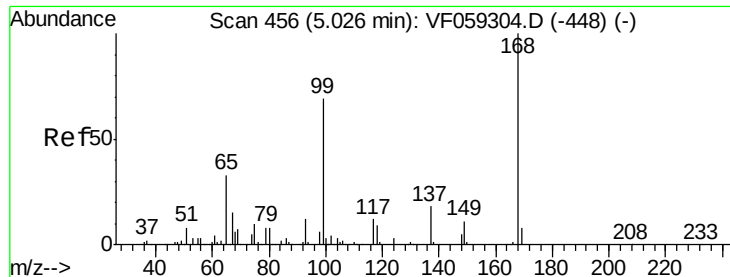
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue Jun 26 08:45:17 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.01 min Scan# 455

Delta R.T. -0.01 min

Lab File: VF059433.D

Acq: 5 Jul 2018 14:49

Instrument :

MSVOA_F

ClientSampleId :

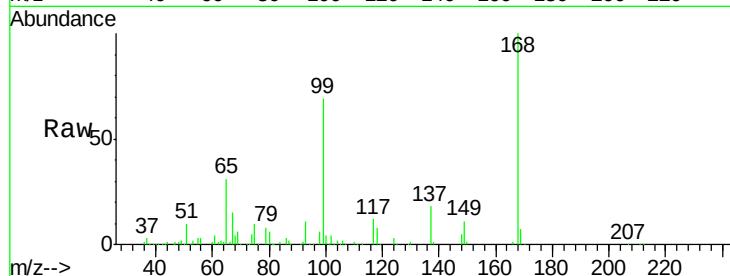
TP-4-SRE

Tot Ion:168 Resp: 250691

Ion Ratio Lower Upper

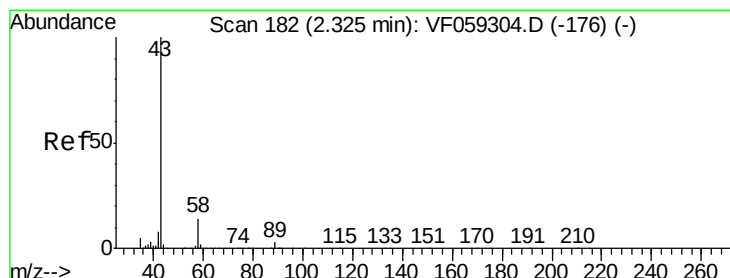
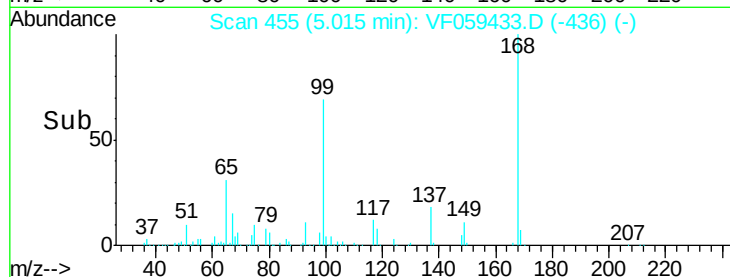
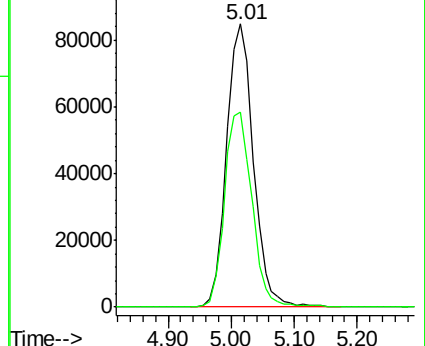
168 100

99 68.8 54.9 82.3



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0



#16

Acetone

Concen: 6.243 ug/l

RT: 2.33 min Scan# 183

Delta R.T. 0.01 min

Lab File: VF059433.D

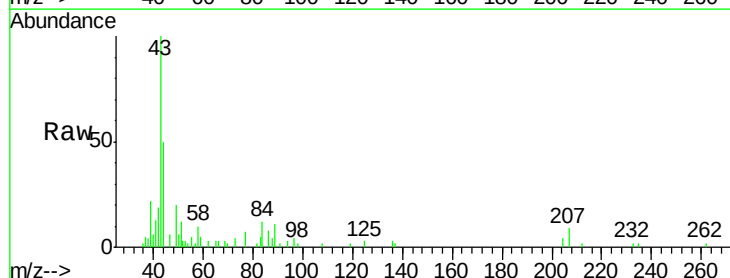
Acq: 5 Jul 2018 14:49

Tgt Ion: 43 Resp: 13094

Ion Ratio Lower Upper

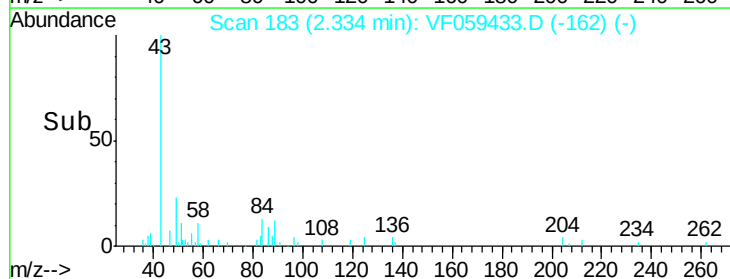
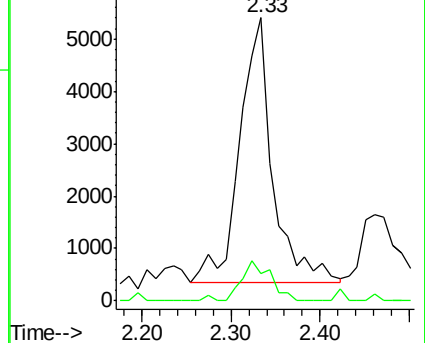
43 100

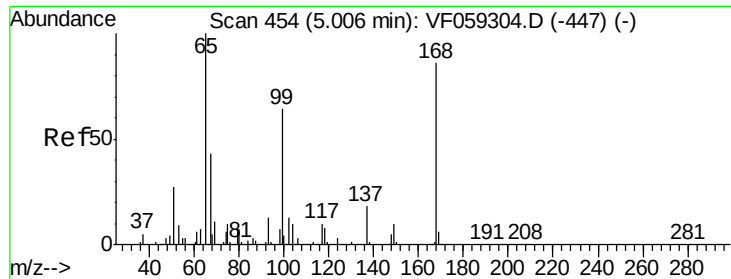
58 9.5 11.4 17.0#



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0





#33

1,2-Dichloroethane-d4

Concen: 54.332 ug/l

RT: 4.99 min Scan# 452

Delta R.T. -0.02 min

Lab File: VF059433.D

Acq: 5 Jul 2018 14:49

Instrument :

MSVOA_F

ClientSampleId :

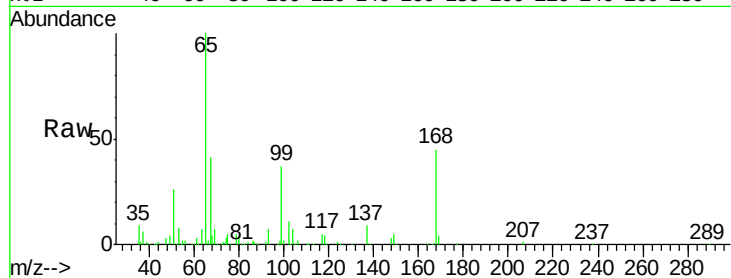
TP-4-SRE

Tot Ion: 65 Resp: 175976

Ion Ratio Lower Upper

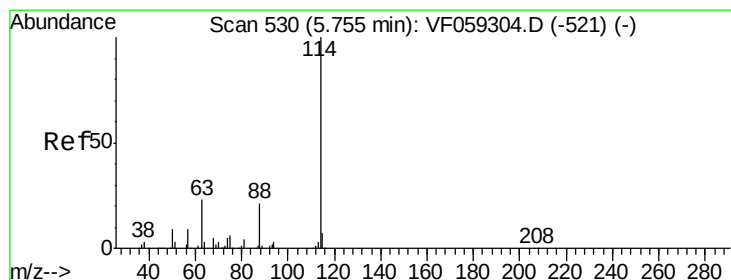
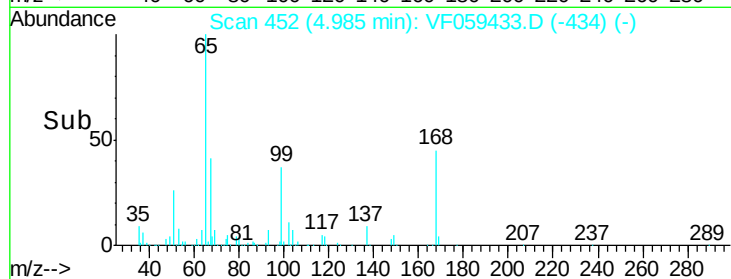
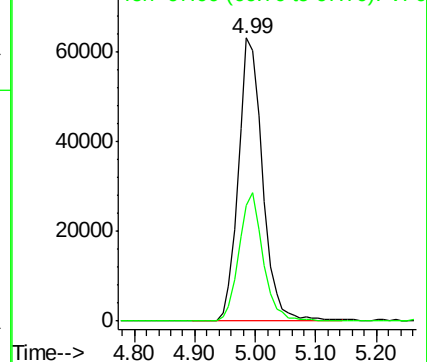
65 100

67 40.9 0.0 96.8



Abundance Ion 65.00 (64.70 to 65.70): VF0

Ion 67.00 (66.70 to 67.70): VF0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.73 min Scan# 528

Delta R.T. -0.02 min

Lab File: VF059433.D

Acq: 5 Jul 2018 14:49

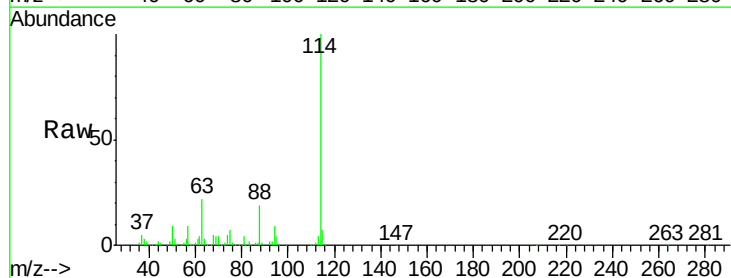
Tgt Ion: 114 Resp: 390429

Ion Ratio Lower Upper

114 100

63 21.9 0.0 45.8

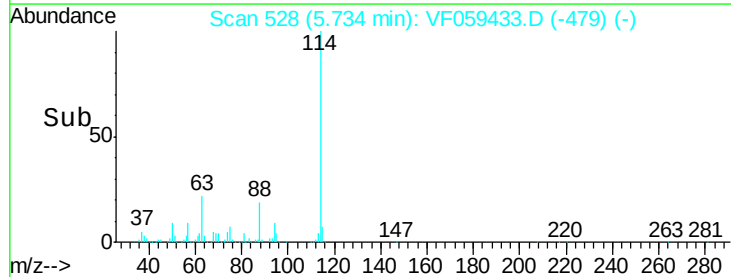
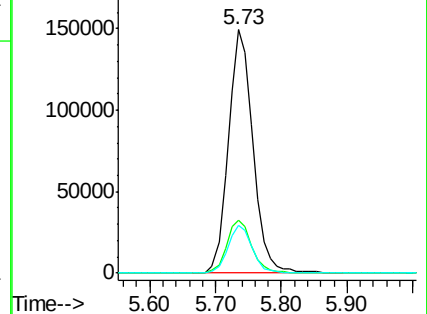
88 19.5 0.0 41.2

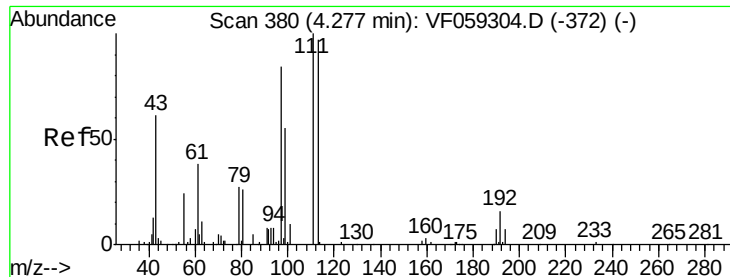


Abundance Ion 114.00 (113.70 to 114.70): V

Ion 63.00 (62.70 to 63.70): VF0

Ion 88.00 (87.70 to 88.70): VF0

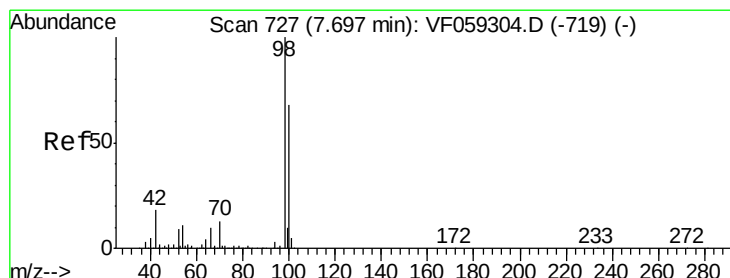
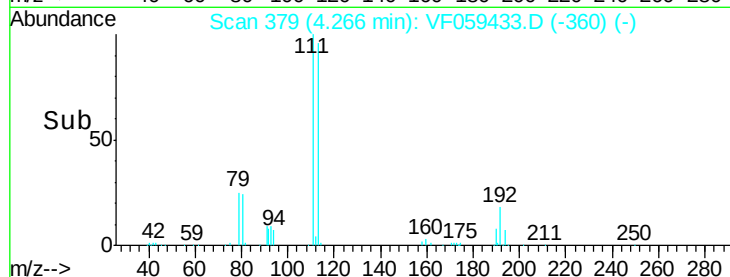
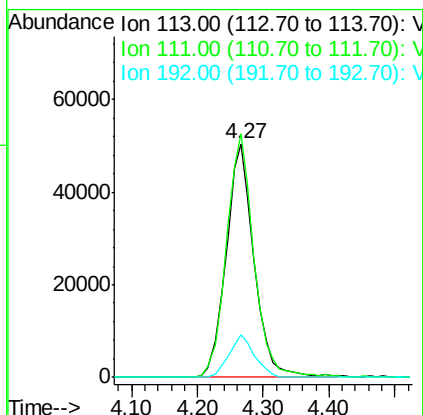
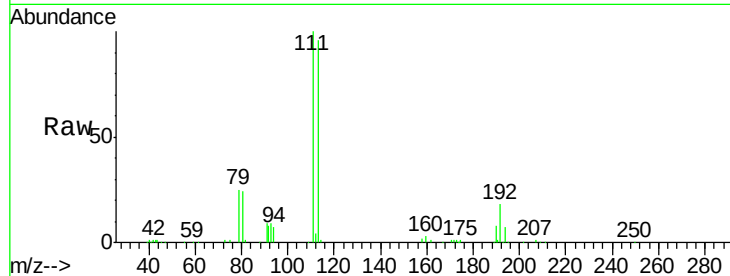




#35
 Dibromofluoromethane
 Concen: 52.251 ug/l
 RT: 4.27 min Scan# 379
 Delta R.T. -0.01 min
 Lab File: VF059433.D
 Acq: 5 Jul 2018 14:49

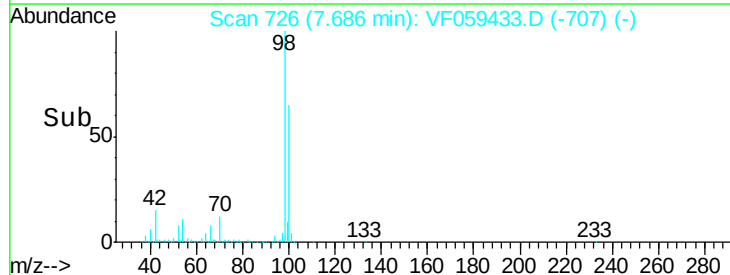
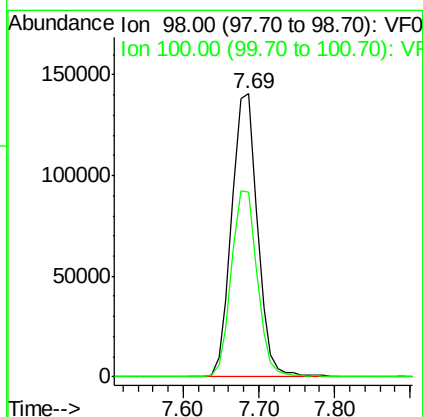
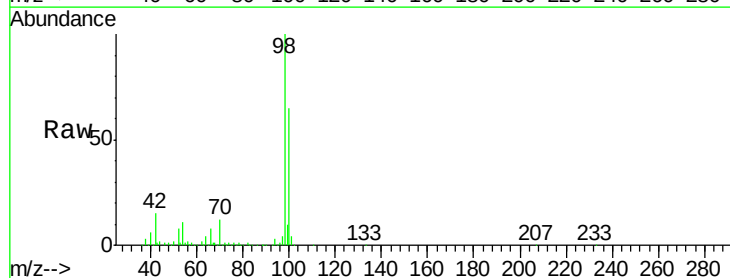
Instrument :
 MSVOA_F
 ClientSampleId :
 TP-4-SRE

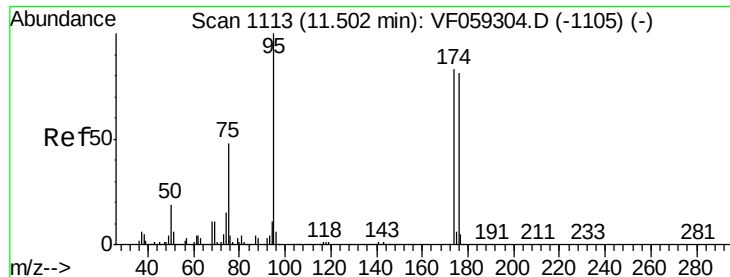
Tot Ion	Ratio	Lower	Upper
113	100		
111	104.3	82.1	123.1
192	18.4	13.0	19.6



#50
 Toluene-d8
 Concen: 46.922 ug/l
 RT: 7.69 min Scan# 726
 Delta R.T. -0.01 min
 Lab File: VF059433.D
 Acq: 5 Jul 2018 14:49

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.4	54.6	82.0

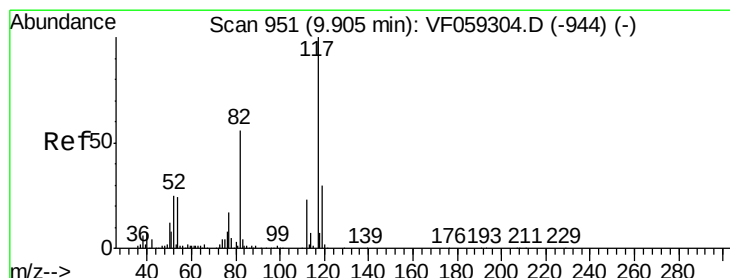
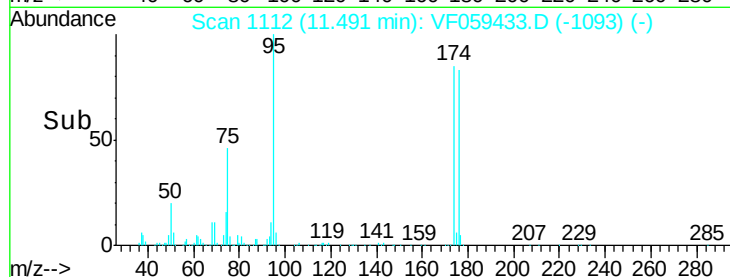
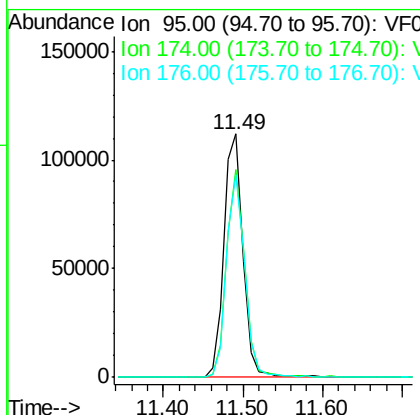
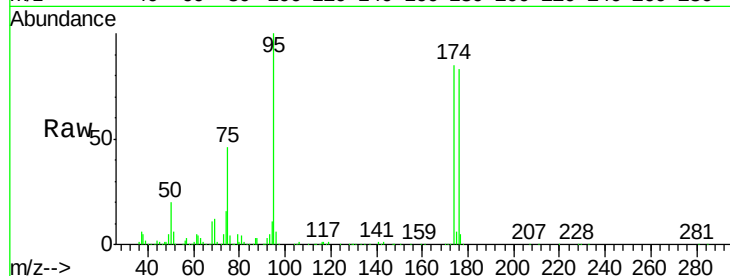




#62
4-Bromofluorobenzene
Concen: 47.880 ug/l
RT: 11.49 min Scan# 1112
Delta R.T. -0.01 min
Lab File: VF059433.D
Acq: 5 Jul 2018 14:49

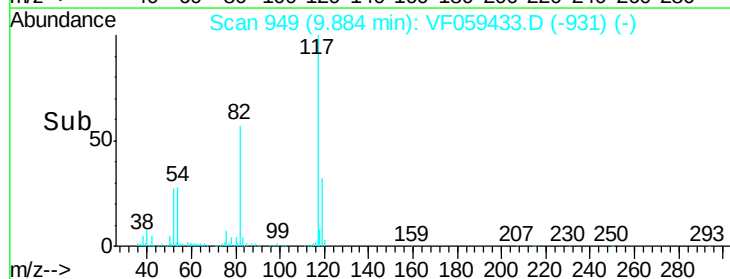
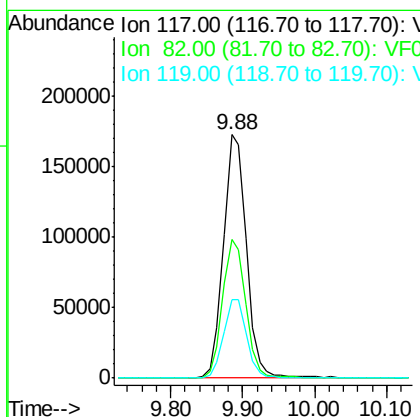
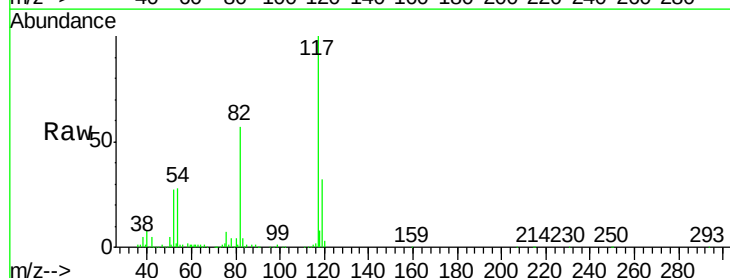
Instrument :
MSVOA_F
ClientSampled :
TP-4-SRE

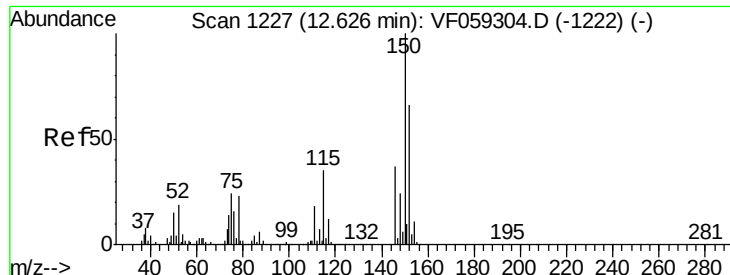
Tot Ion	95	Resp	190766
Ion Ratio	100		
Lower			
Upper			
95	100		
174	85.2	0.0	165.2
176	83.3	0.0	161.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.88 min Scan# 949
Delta R.T. -0.02 min
Lab File: VF059433.D
Acq: 5 Jul 2018 14:49

Tgt Ion	117	Resp	381783
Ion Ratio <td>100</td> <td></td> <td></td>	100		
Lower <td></td> <td></td> <td></td>			
Upper <td></td> <td></td> <td></td>			
117	100		
82	57.0	44.6	66.8
119	32.2	24.1	36.1





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.61 min Scan# 1226

Delta R.T. -0.01 min

Lab File: VF059433.D

Acq: 5 Jul 2018 14:49

Instrument :

MSVOA_F

ClientSampleId :

TP-4-SRE

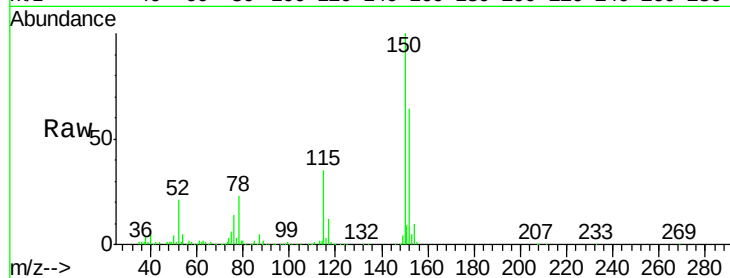
Tot Ion:152 Resp: 233650

Ion Ratio Lower Upper

152 100

115 54.3 27.1 81.3

150 156.5 0.0 305.2



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

