

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF070618\
 Data File : VF059454.D
 Acq On : 6 Jul 2018 17:23
 Operator : VA/AP
 Sample : J3852-11
 Misc : 6.35g/5mL/MSVOA-F/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 HC-SOIL-2

Manual Integrations
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Quant Time: Jul 07 03:34:57 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	5.02	168	228162	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.74	114	347525	50.00	ug/l	-0.02
63) Chlorobenzene-d5	9.90	117	340986	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.62	152	218740	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	5.00	65	154552	52.43	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.86%	
35) Dibromofluoromethane	4.27	113	143005	56.32	ug/l	0.00
Spiked Amount 50.000			Recovery	=	112.64%	
50) Toluene-d8	7.69	98	295223	46.96	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.92%	
62) 4-Bromofluorobenzene	11.50	95	164722	46.45	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.90%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	2.32	43	22732m	21.56	ug/l	

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

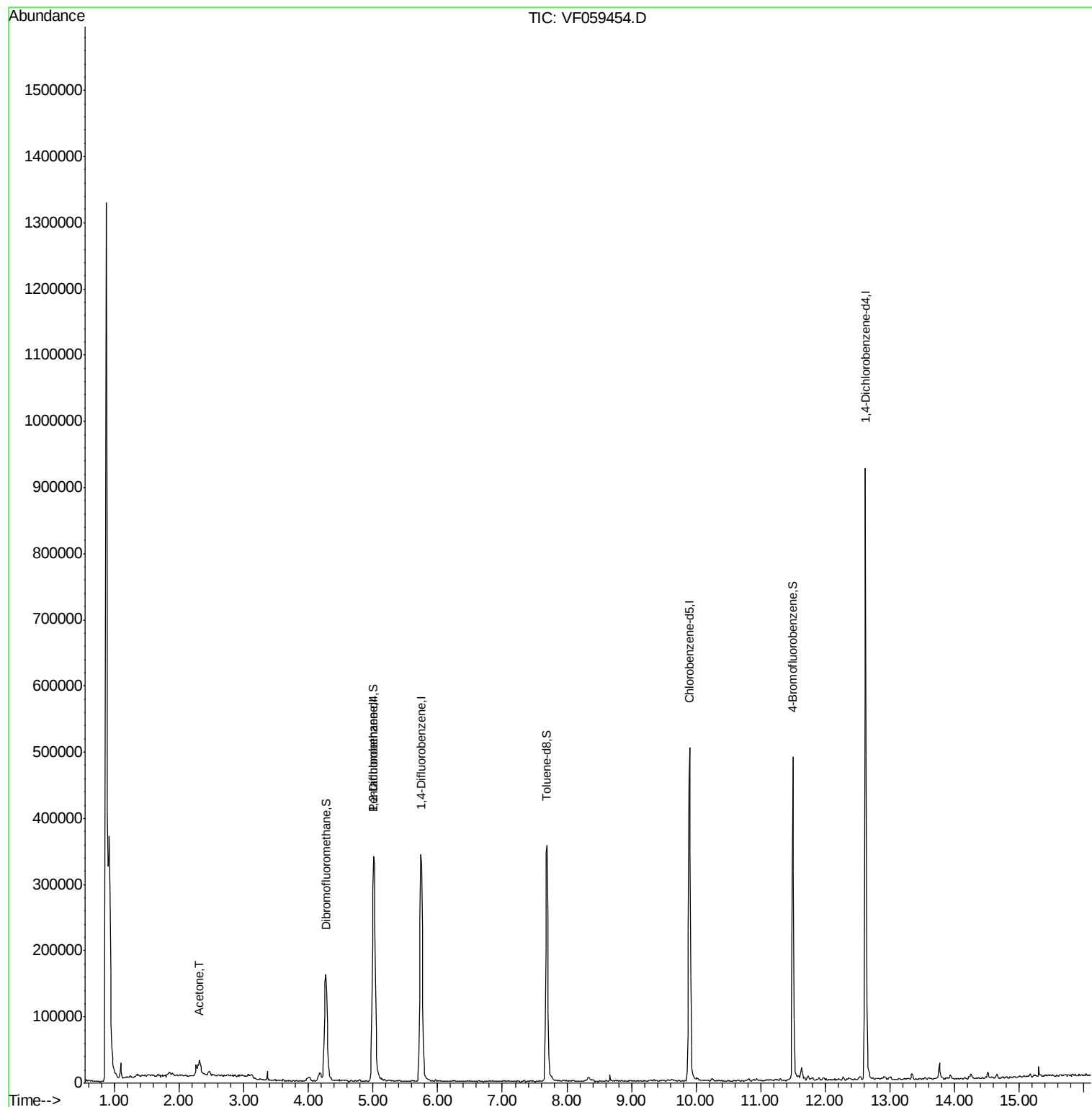
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF070618\
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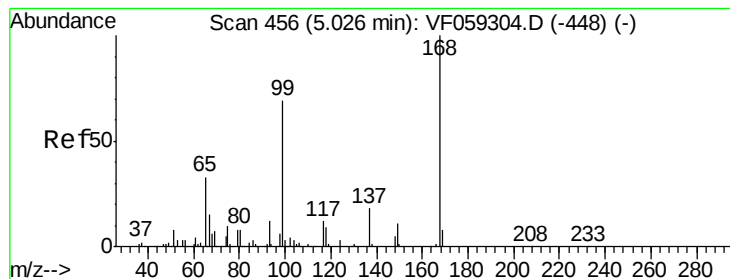
Instrument :
MSVOA_F
ClientSampleId :
HC-SOIL-2

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Quant Time: Jul 07 03:34:57 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: 5.02 min Scan# 455

Delta R.T. -0.01 min

Lab File: VF059454.D

Acq: 6 Jul 2018 17:23

Instrument :

MSVOA_F

ClientSampleId :

HC-SOIL-2

Tot Ion:168 Resp: 228162

Ion Ratio Lower Upper

168 100

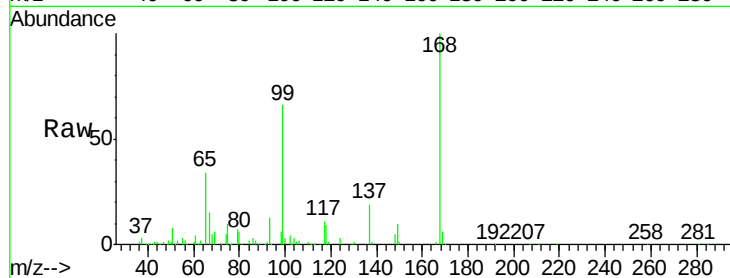
99 66.5 54.9 82.3

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Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

80000

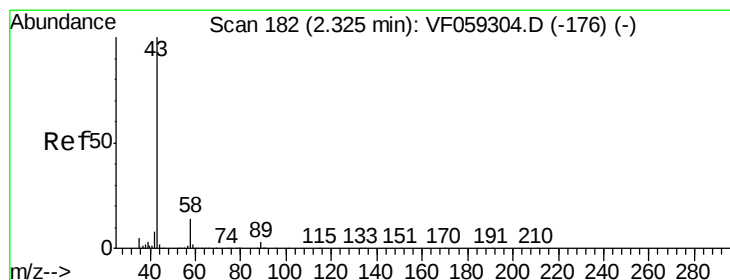
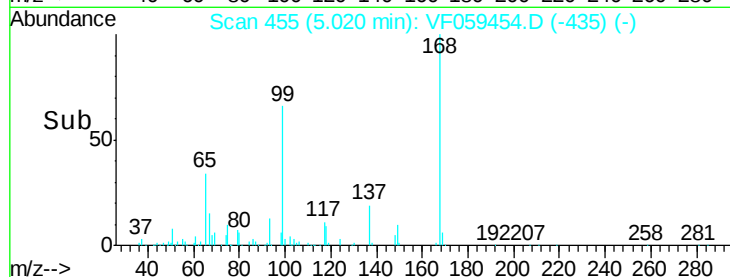
60000

40000

20000

0

Time-->



#16

Acetone

Concen: 21.56 ug/l m

RT: 2.32 min Scan# 181

Delta R.T. -0.01 min

Lab File: VF059454.D

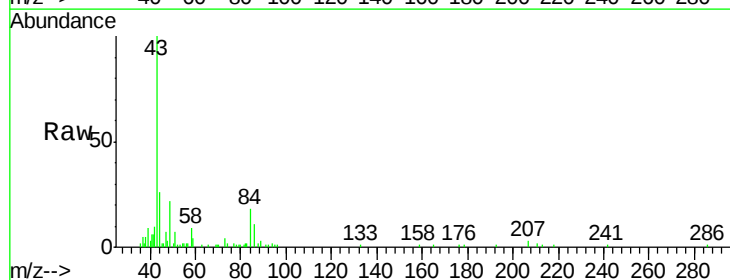
Acq: 6 Jul 2018 17:23

Tgt Ion: 43 Resp: 22732

Ion Ratio Lower Upper

43 100

58 9.1 11.4 17.0#



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0

12000

10000

8000

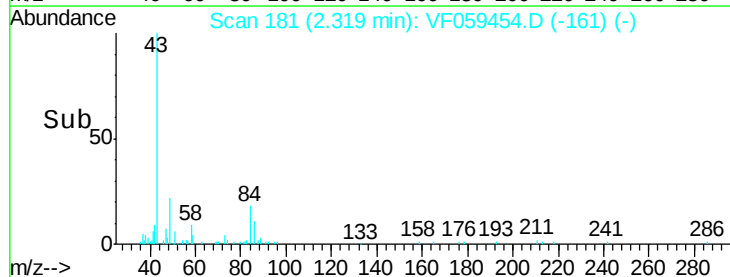
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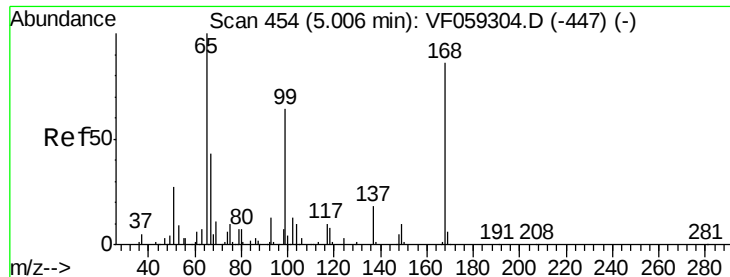
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2000

0

Time-->





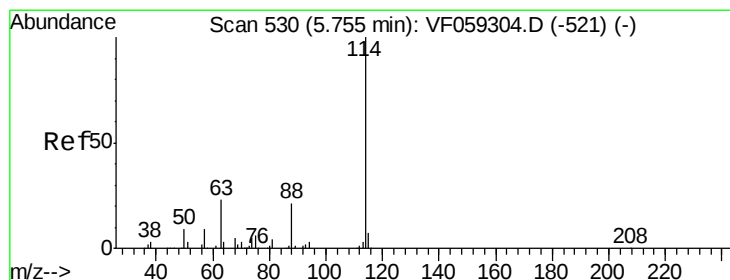
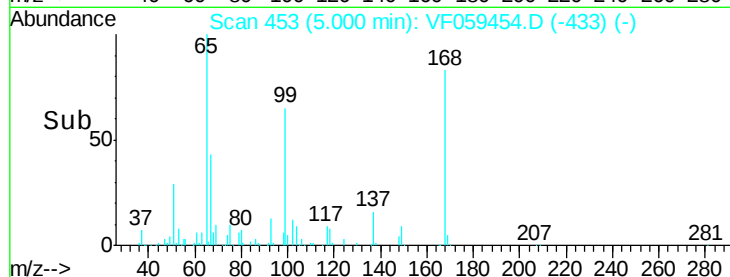
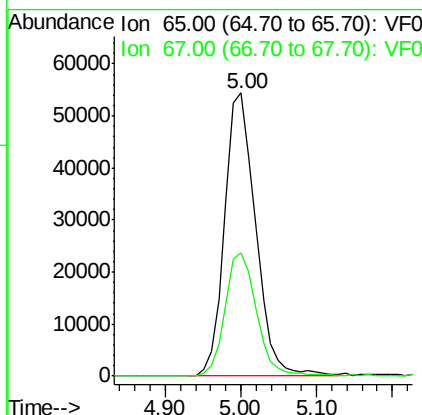
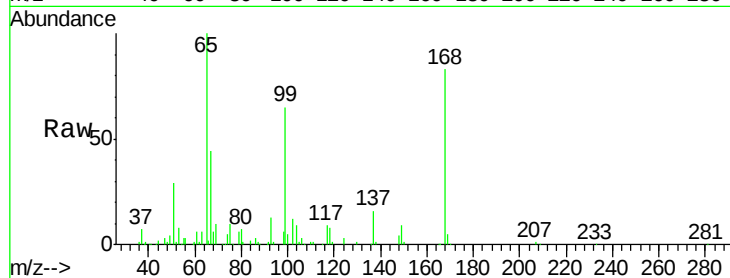
#33
 1,2-Dichloroethane-d4
 Concen: 52.43 ug/l
 RT: 5.00 min Scan# 453
 Delta R.T. -0.01 min
 Lab File: VF059454.D
 Acq: 6 Jul 2018 17:23

Instrument :
 MSVOA_F
 ClientSampled :
 HC-SOIL-2

Tot Ion	Ratio	Resp	Lower	Upper
65	100	154552		
67	43.6	0.0	96.8	

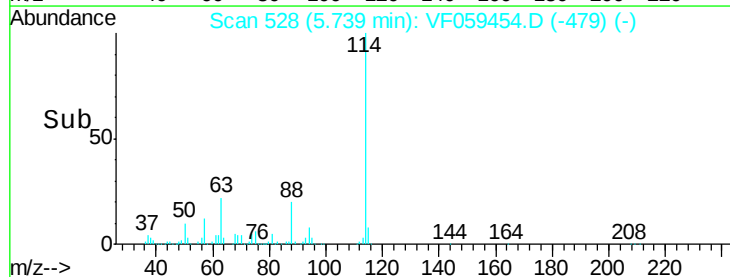
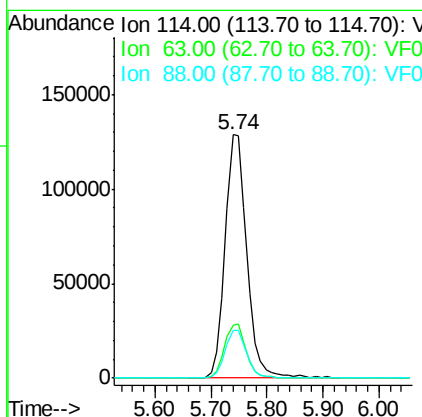
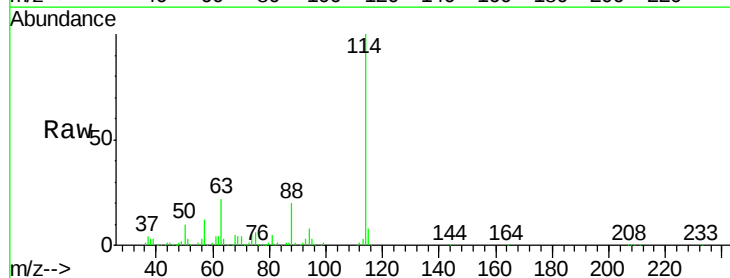
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#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 5.74 min Scan# 528
 Delta R.T. -0.02 min
 Lab File: VF059454.D
 Acq: 6 Jul 2018 17:23

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	347525		
63	21.8	0.0	45.8	
88	19.8	0.0	41.2	





#35

Dibromofluoromethane

Concen: 56.32 ug/l

RT: 4.27 min Scan# 379

Delta R.T. -0.01 min

Lab File: VF059454.D

Acq: 6 Jul 2018 17:23

Instrument :

MSVOA_F

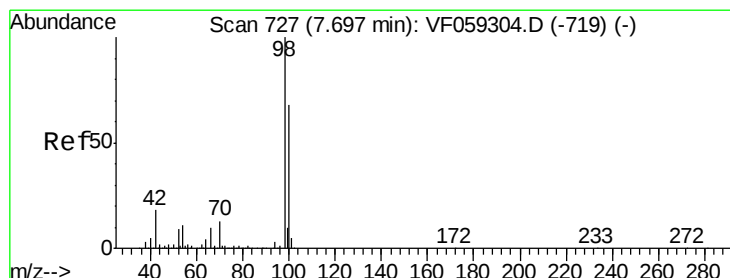
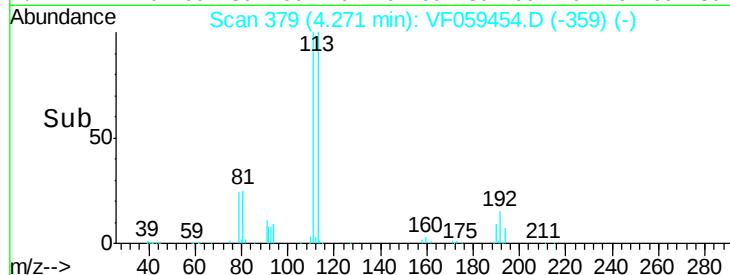
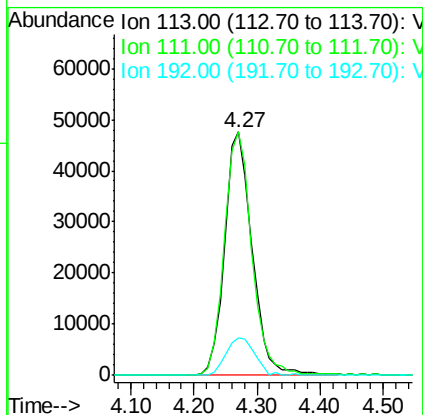
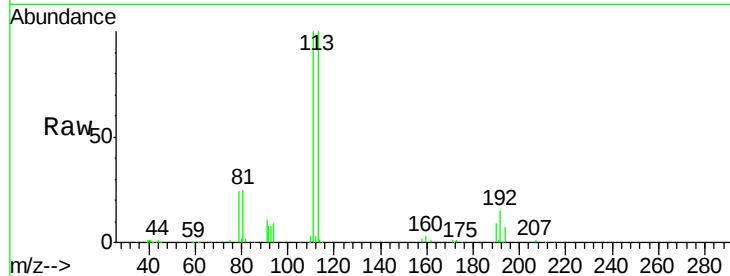
ClientSampleId :

HC-SOIL-2

Tot Ion	Ratio	Lower	Upper
113	100		
111	100.1	82.1	123.1
192	15.7	13.0	19.6

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#50

Toluene-d8

Concen: 46.96 ug/l

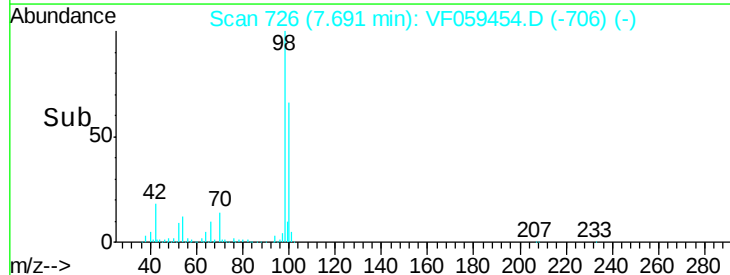
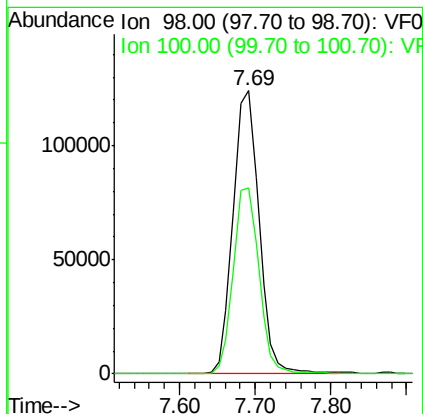
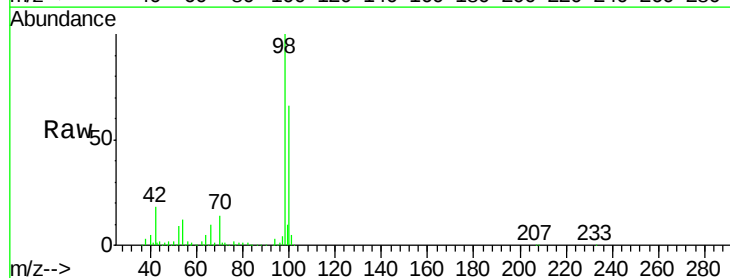
RT: 7.69 min Scan# 726

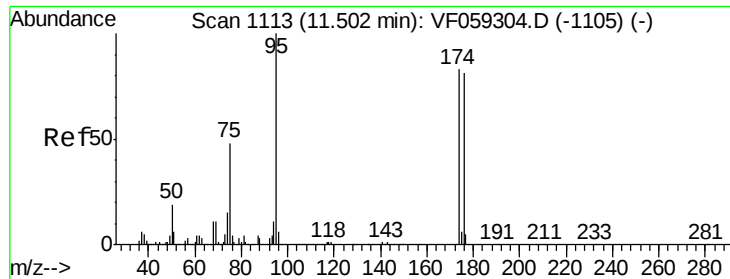
Delta R.T. -0.01 min

Lab File: VF059454.D

Acq: 6 Jul 2018 17:23

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.9	54.6	82.0





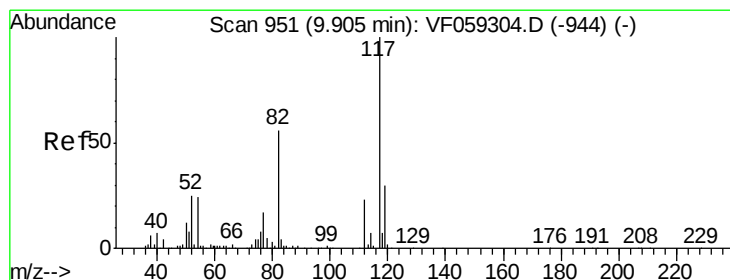
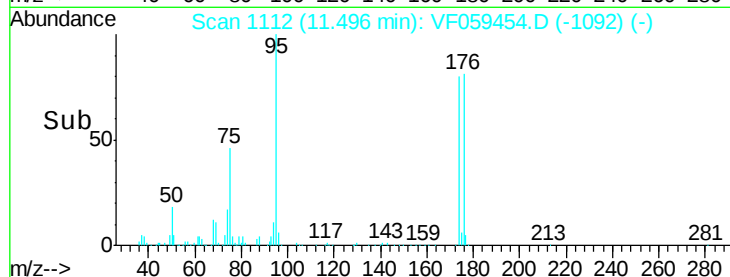
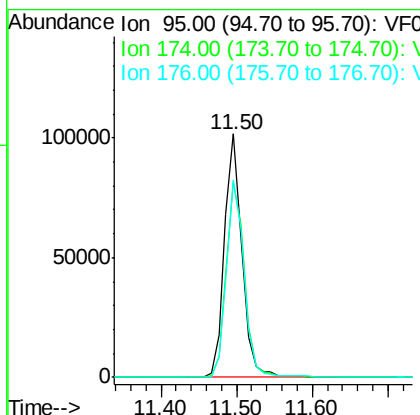
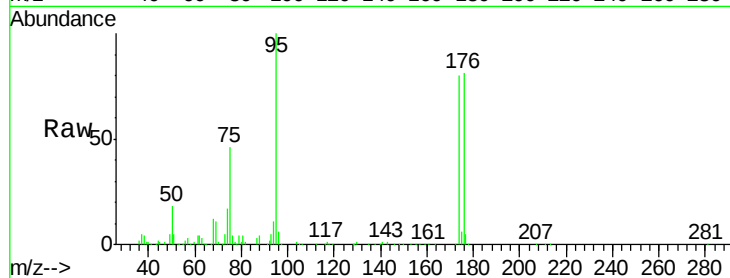
#62
4-Bromofluorobenzene
Concen: 46.45 ug/l
RT: 11.50 min Scan# 1112
Delta R.T. -0.01 min
Lab File: VF059454.D
Acq: 6 Jul 2018 17:23

Instrument :
MSVOA_F
ClientSampled :
HC-SOIL-2

Tot Ion	Ratio	Resp	Lower	Upper
95	100	164722		
174	80.0	0.0	165.2	
176	80.9	0.0	161.0	

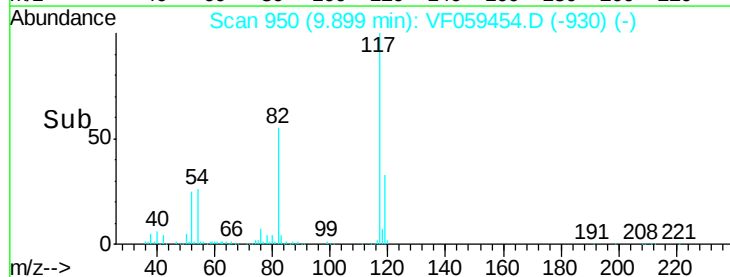
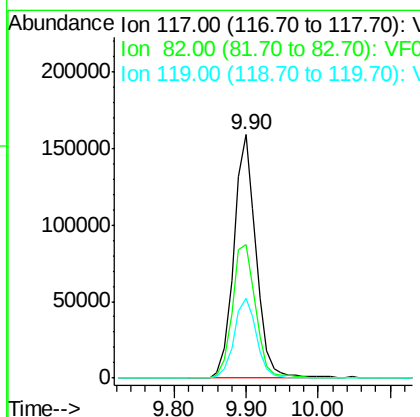
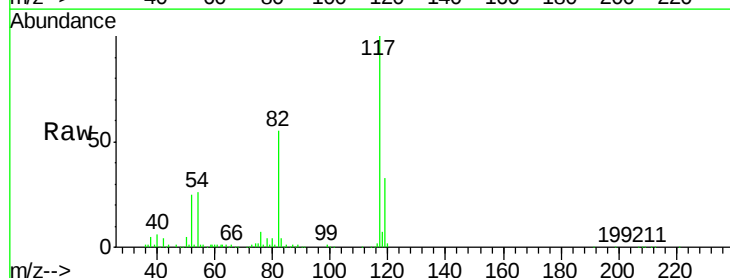
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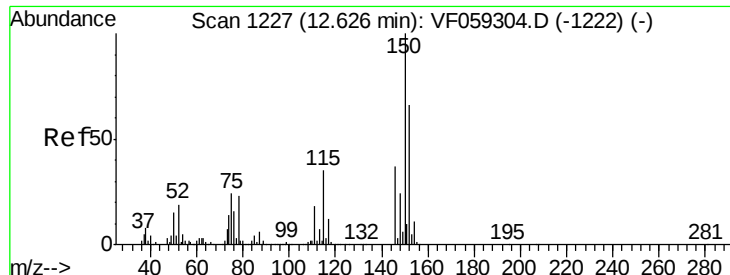
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#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.90 min Scan# 950
Delta R.T. -0.01 min
Lab File: VF059454.D
Acq: 6 Jul 2018 17:23

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	340986		
82	55.0	44.6	66.8	
119	33.0	24.1	36.1	





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.62 min Scan# 1226

Delta R.T. -0.01 min

Lab File: VF059454.D

Acq: 6 Jul 2018 17:23

Instrument :

MSVOA_F

ClientSampled :

HC-SOIL-2

Tot Ion:152 Resp: 218740

Ion Ratio Lower Upper

152 100

115 57.8 27.1 81.3

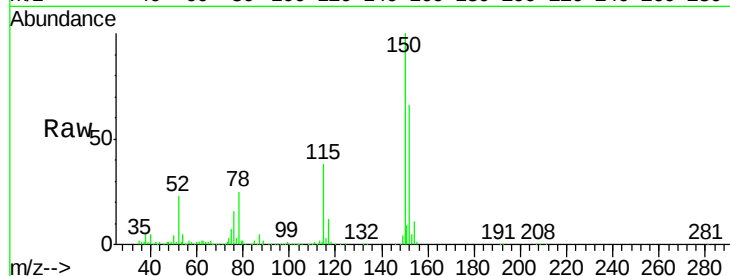
150 151.3 0.0 305.2

Manual Integrations

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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

