

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF070318\
 Data File : VF059413.D
 Acq On : 3 Jul 2018 15:45
 Operator : VA/AP
 Sample : J3796-01RE
 Misc : 5.56g/5mL/MSVOA-F/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 JC-SOILRE

Manual Integrations
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Quant Time: Jul 04 04:50:10 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	5.00	168	65183	50.00	ug/l	-0.03
34) 1,4-Difluorobenzene	5.73	114	66923	50.00	ug/l	-0.03
63) Chlorobenzene-d5	9.89	117	21686	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	12.61	152	7512	50.00	ug/l	-0.02
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.99	65	39541	46.95	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	93.90%	
35) Dibromofluoromethane	4.26	113	39180	80.13	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	160.26%	
50) Toluene-d8	7.67	98	29711	24.54	ug/l	-0.03
Spiked Amount 50.000			Recovery	=	49.08%	
62) 4-Bromofluorobenzene	11.49	95	13021	19.07	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	38.14%	
Target Compounds						
16) Acetone	2.32	43	15948	68.417	ug/l	93
20) Methylene Chloride	2.27	84	4926m	3.568	ug/l	
40) Benzene	4.76	78	34527	26.636	ug/l	93
52) Toluene	7.74	92	5739	5.917	ug/l #	72

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

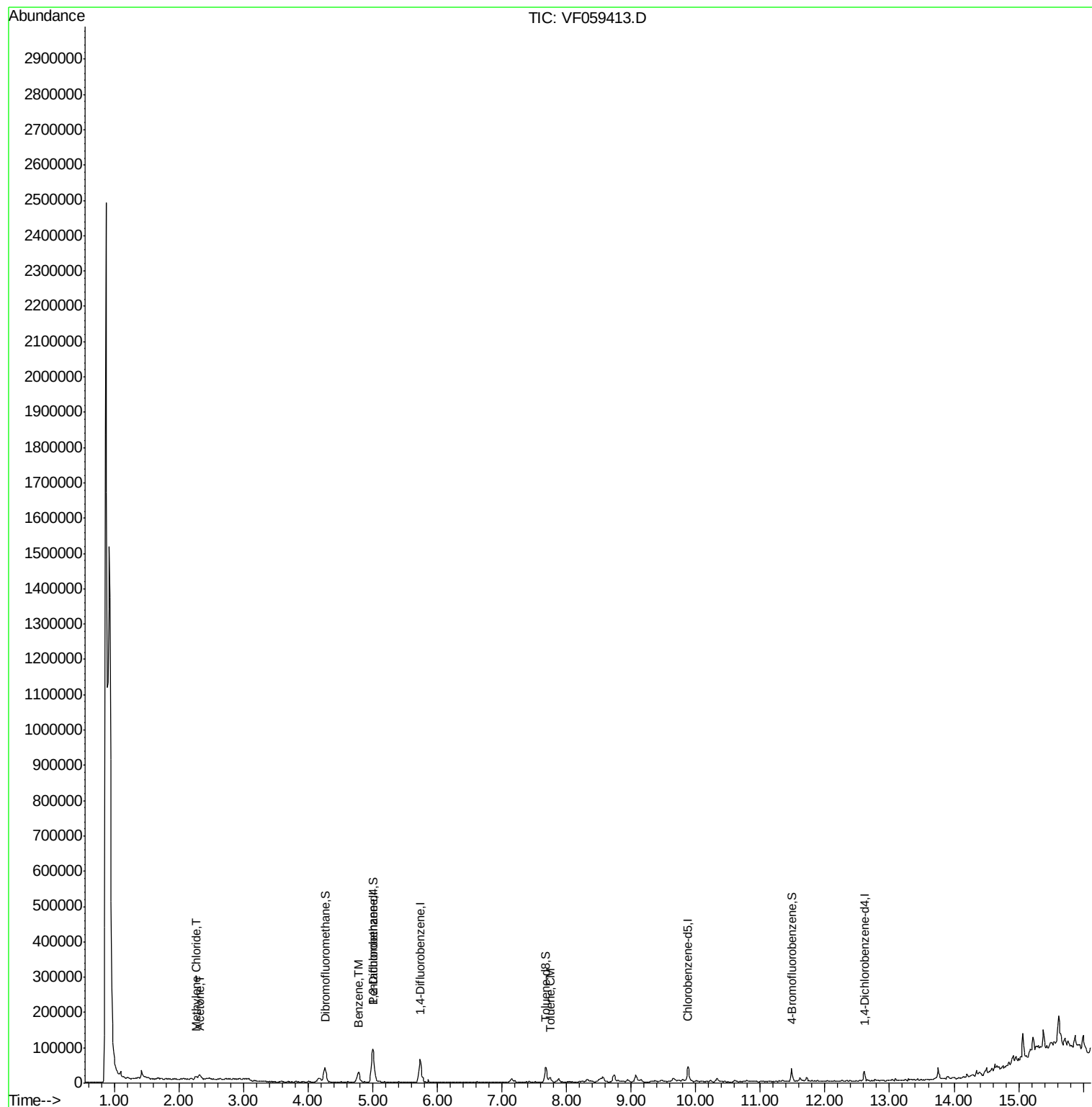
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF070318\
Data File : VF059413.D
Acq On : 3 Jul 2018 15:45
Operator : VA/AP
Sample : J3796-01RE
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ALS Vial : 11 Sample Multiplier: 1

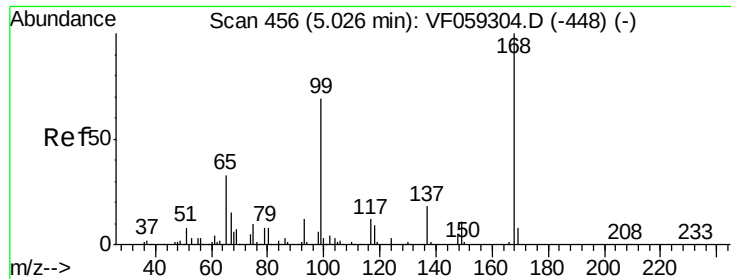
Instrument :
MSVOA_F
ClientSampleId :
JC-SOILRE

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Quant Time: Jul 04 04:50:10 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: 50.000 ug/l

RT: 5.00 min Scan# 453

Delta R.T. -0.03 min

Lab File: VF059413.D

Acq: 3 Jul 2018 15:45

Instrument :

MSVOA_F

ClientSampleId :

JC-SOILRE

Tot Ion:168 Resp: 65183

Ion Ratio Lower Upper

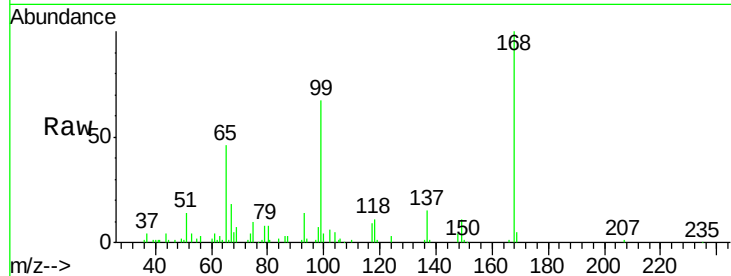
168 100

99 66.7 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

5.00

25000

20000

15000

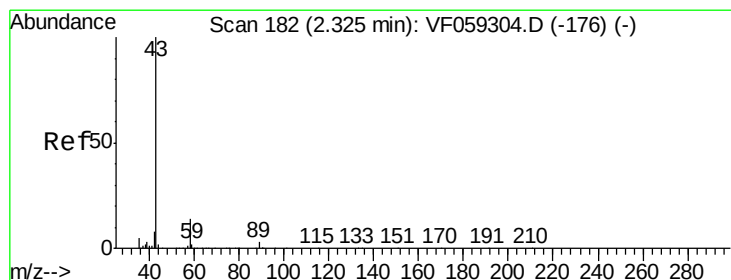
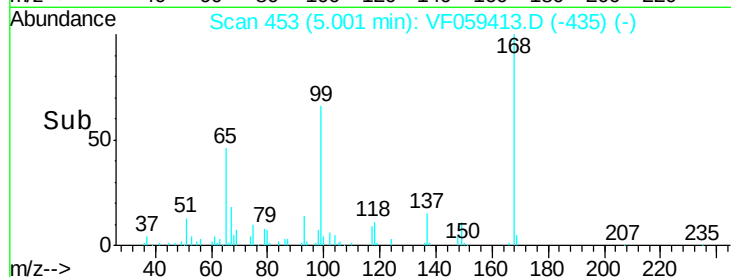
10000

5000

0

4.90 5.00 5.10 5.20

Time-->



#16

Acetone

Concen: 68.417 ug/l

RT: 2.32 min Scan# 181

Delta R.T. -0.01 min

Lab File: VF059413.D

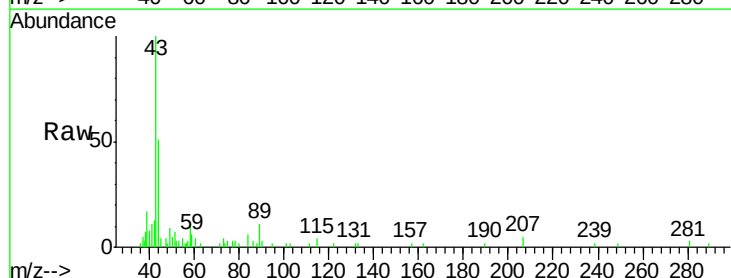
Acq: 3 Jul 2018 15:45

Tgt Ion: 43 Resp: 15948

Ion Ratio Lower Upper

43 100

58 11.5 11.4 17.0



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0

2.32

6000

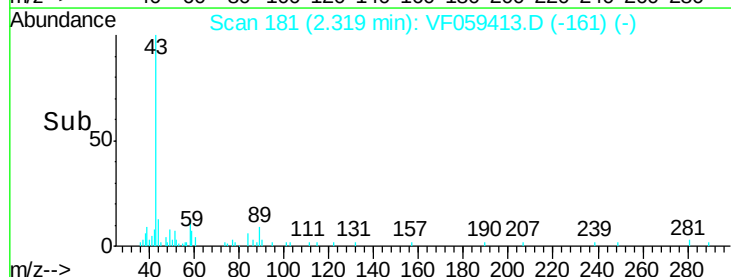
4000

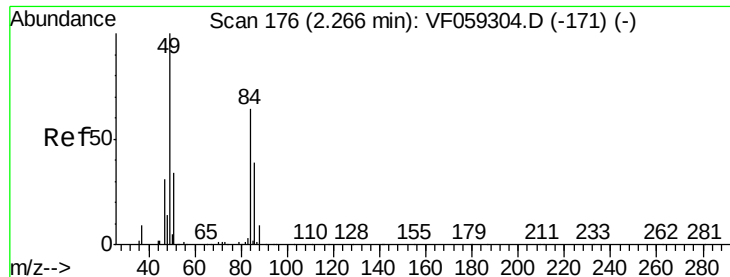
2000

0

2.30 2.40

Time-->





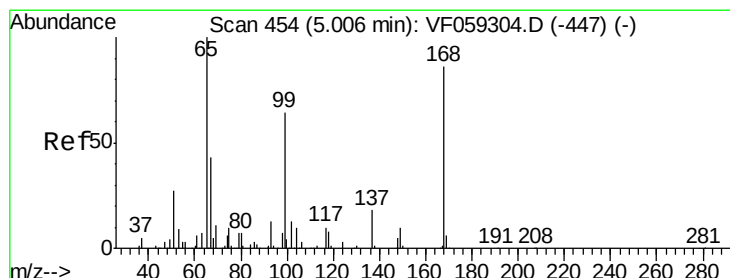
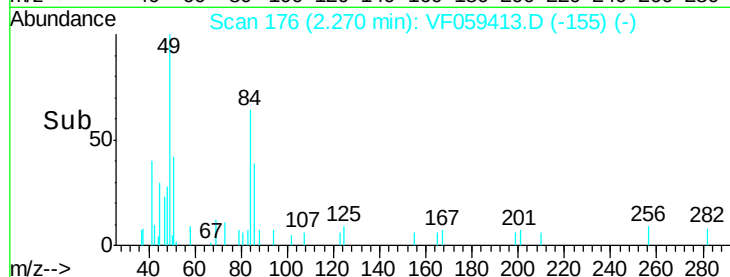
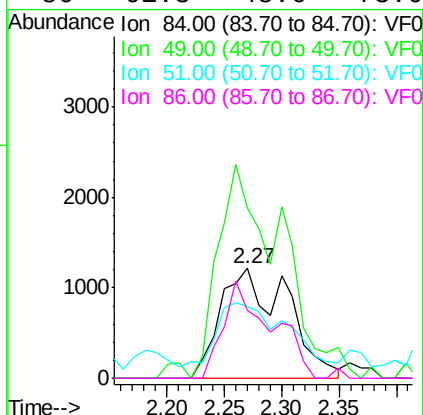
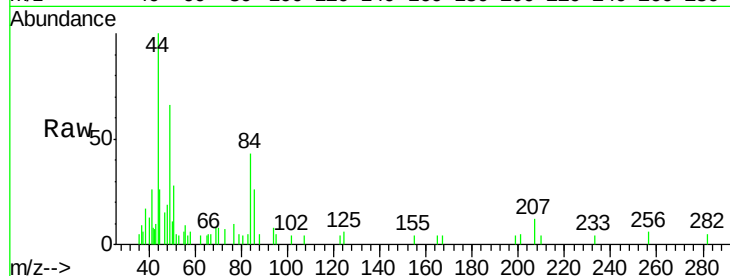
#20
Methylene Chloride
Concen: 3.568 ug/l m
RT: 2.27 min Scan# 176
Delta R.T. 0.01 min
Lab File: VF059413.D
Acq: 3 Jul 2018 15:45

Instrument :
MSVOA_F
ClientSampleId :
JC-SOILRE

Tot Ion	Ratio	Lower	Upper
84	100		
49	155.8	126.5	189.7
51	65.2	42.9	64.3#
86	61.3	48.6	73.0

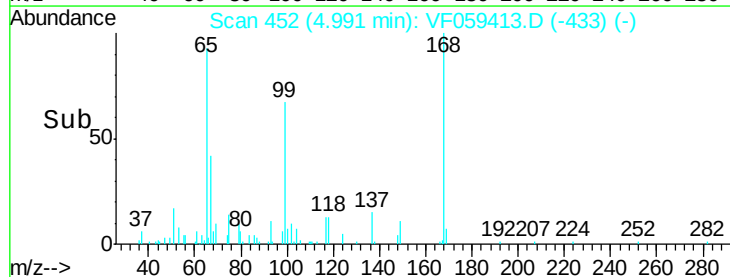
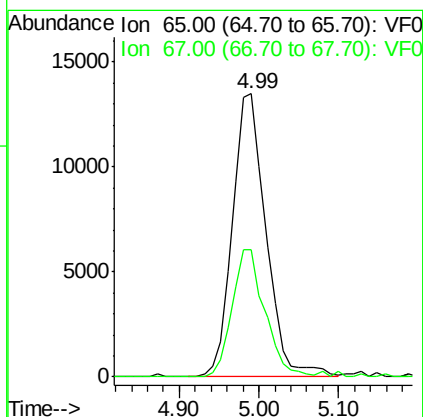
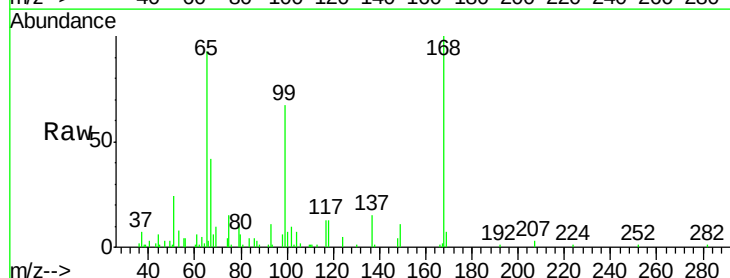
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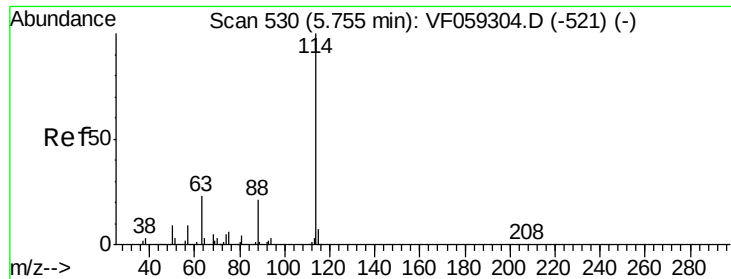
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#33
1,2-Dichloroethane-d4
Concen: 46.952 ug/l
RT: 4.99 min Scan# 452
Delta R.T. -0.02 min
Lab File: VF059413.D
Acq: 3 Jul 2018 15:45

Tgt Ion	Ratio	Lower	Upper
65	100		
67	45.1	0.0	96.8





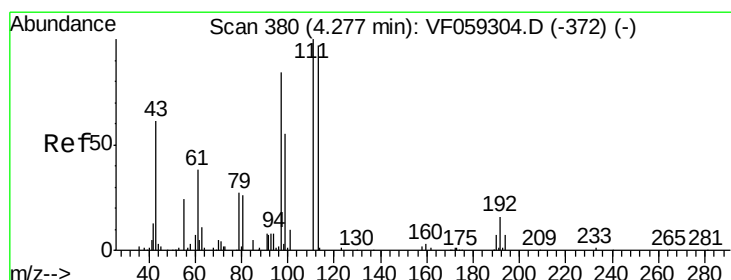
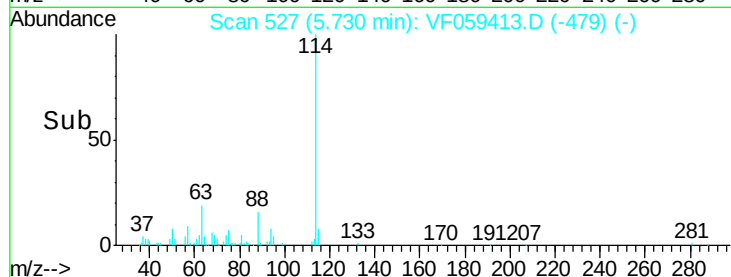
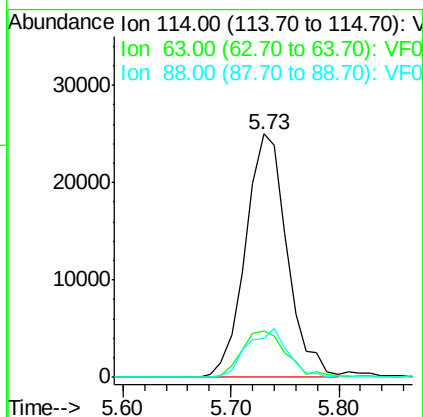
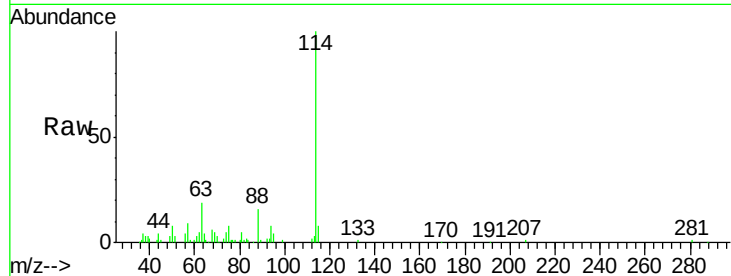
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.73 min Scan# 527
Delta R.T. -0.03 min
Lab File: VF059413.D
Acq: 3 Jul 2018 15:45

Instrument :
MSVOA_F
ClientSampleId :
JC-SOILRE

Tot Ion	Ratio	Resp	Lower	Upper
114	100	66923		
63	19.3		0.0	45.8
88	15.7		0.0	41.2

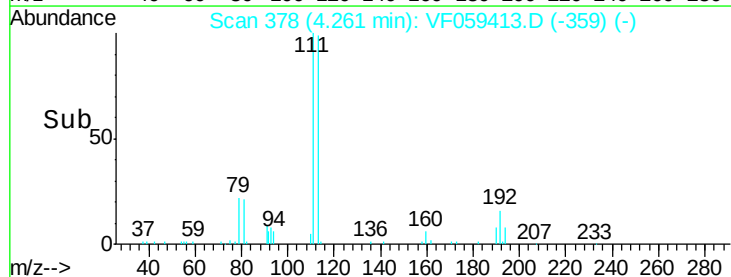
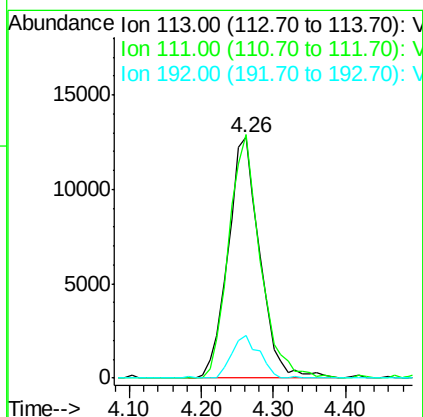
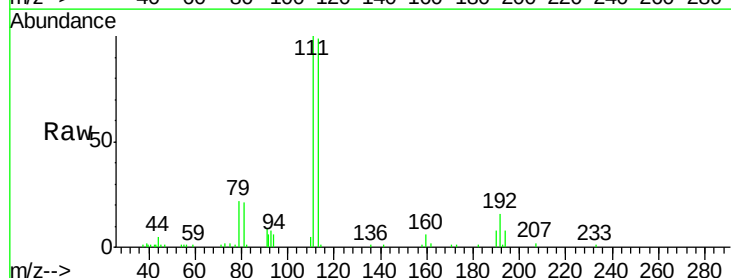
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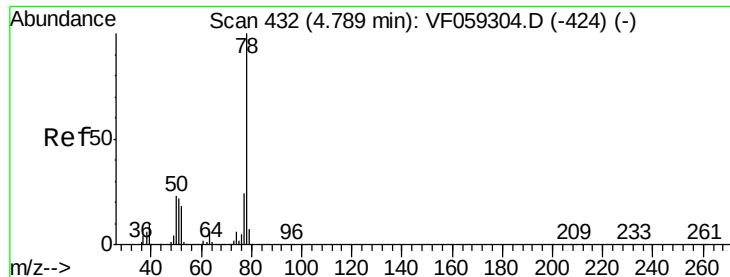
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#35
Dibromofluoromethane
Concen: 80.125 ug/l
RT: 4.26 min Scan# 378
Delta R.T. -0.02 min
Lab File: VF059413.D
Acq: 3 Jul 2018 15:45

Tgt Ion	Ratio	Resp	Lower	Upper
113	100	39180		
111	101.2		82.1	123.1
192	17.6		13.0	19.6





#40

Benzene

Concen: 26.636 ug/l

RT: 4.76 min Scan# 429

Delta R.T. -0.03 min

Lab File: VF059413.D

Acq: 3 Jul 2018 15:45

Instrument :

MSVOA_F

ClientSampleId :

JC-SOILRE

Tot Ion: 78 Resp: 34527

Ion Ratio Lower Upper

78 100

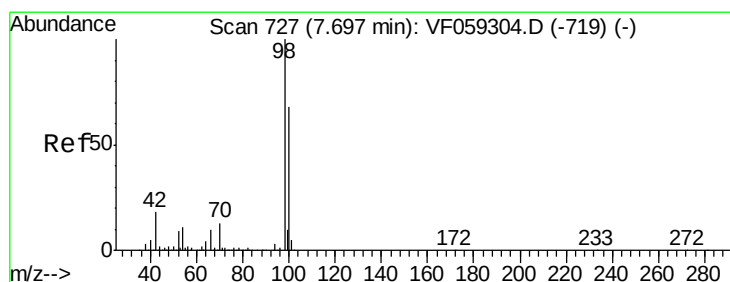
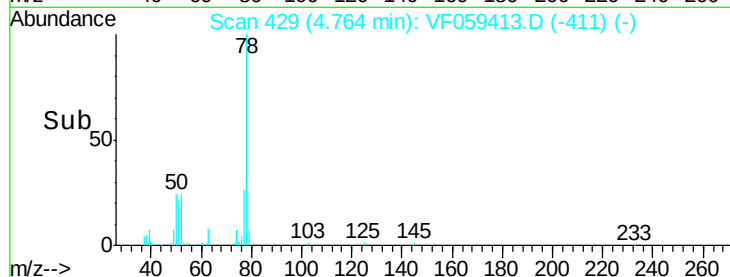
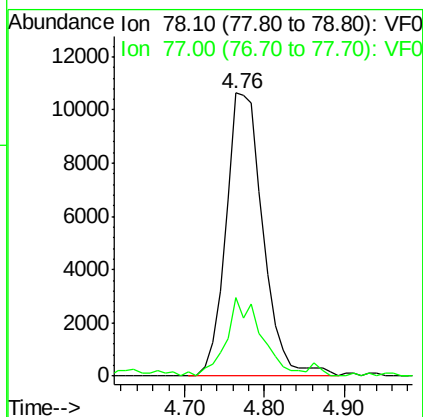
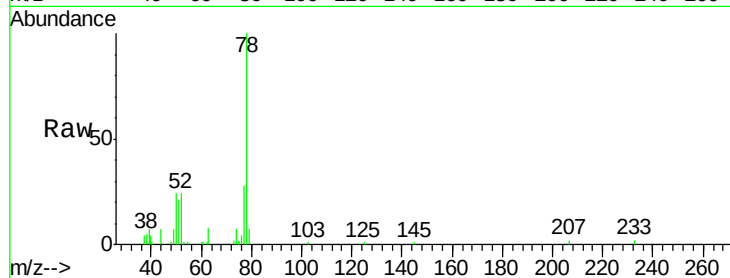
77 27.8 19.6 29.4

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#50

Toluene-d8

Concen: 24.541 ug/l

RT: 7.67 min Scan# 724

Delta R.T. -0.03 min

Lab File: VF059413.D

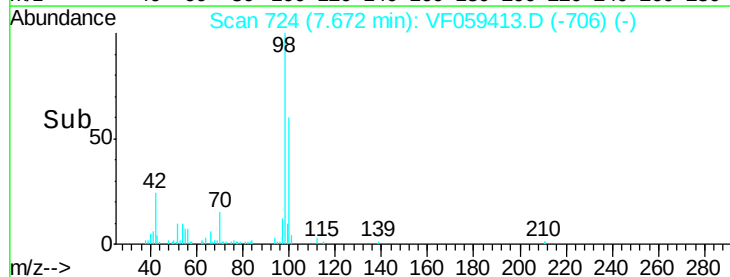
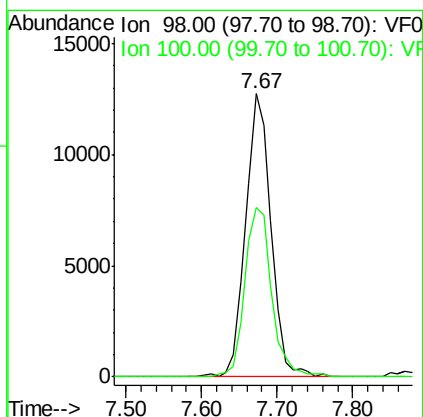
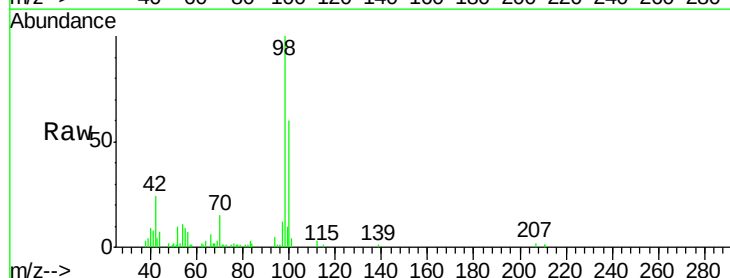
Acq: 3 Jul 2018 15:45

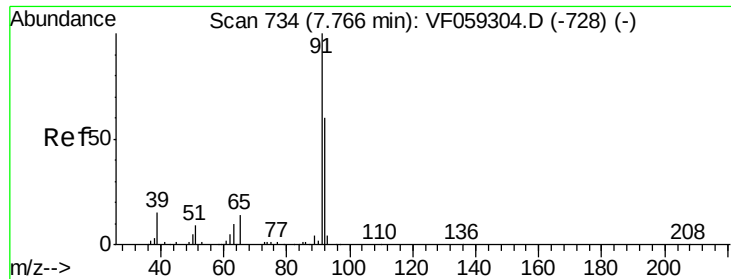
Tgt Ion: 98 Resp: 29711

Ion Ratio Lower Upper

98 100

100 59.9 54.6 82.0





#52

Toluene

Concen: 5.917 ug/l

RT: 7.74 min Scan# 731

Delta R.T. -0.03 min

Lab File: VF059413.D

Acq: 3 Jul 2018 15:45

Instrument :

MSVOA_F

ClientSampled :

JC-SOILRE

Tot Ion: 92 Resp: 5739

Ion Ratio Lower Upper

92 100

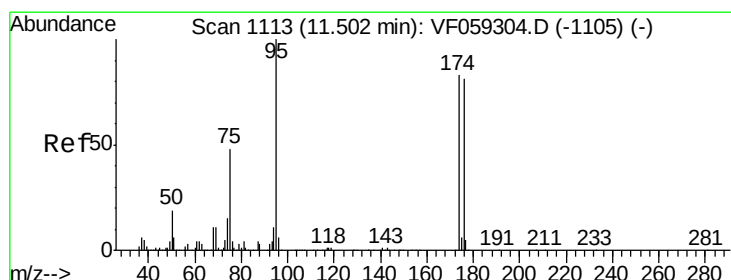
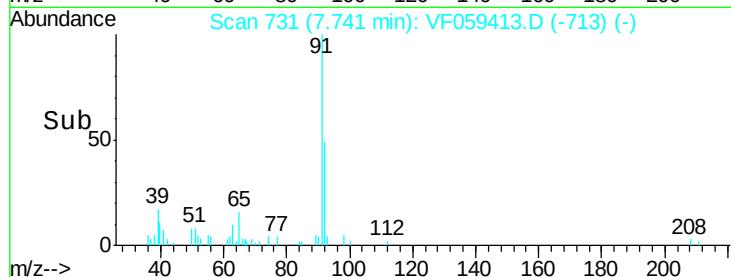
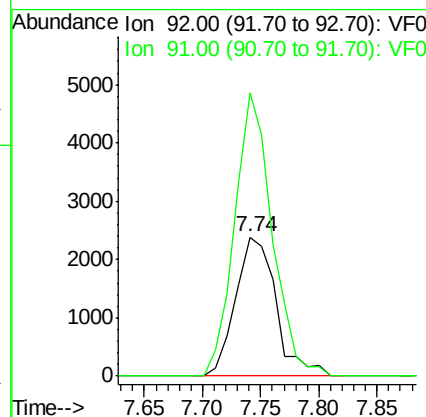
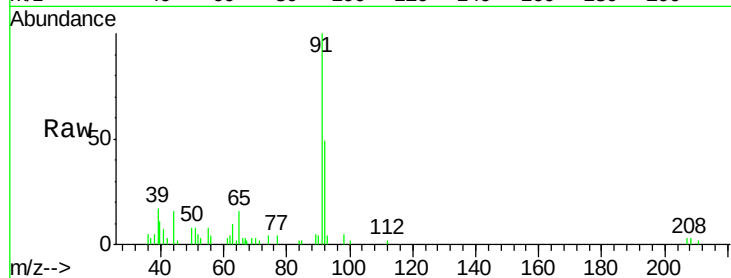
91 203.4 132.8 199.2#

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#62

4-Bromofluorobenzene

Concen: 19.066 ug/l

RT: 11.49 min Scan# 1111

Delta R.T. -0.02 min

Lab File: VF059413.D

Acq: 3 Jul 2018 15:45

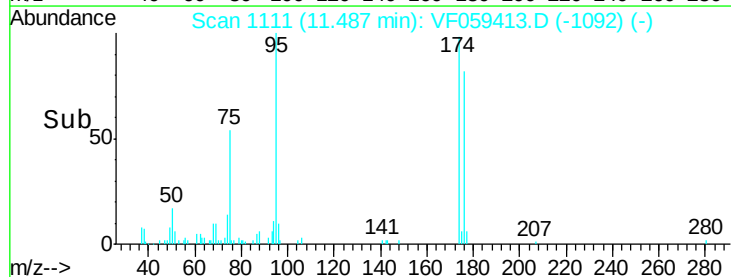
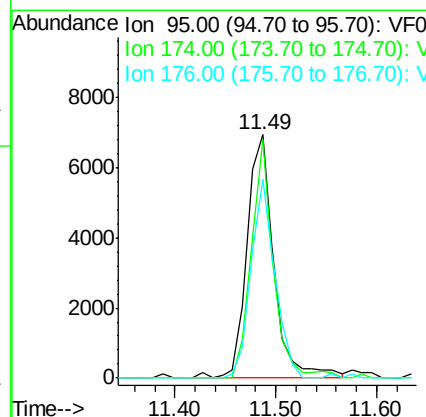
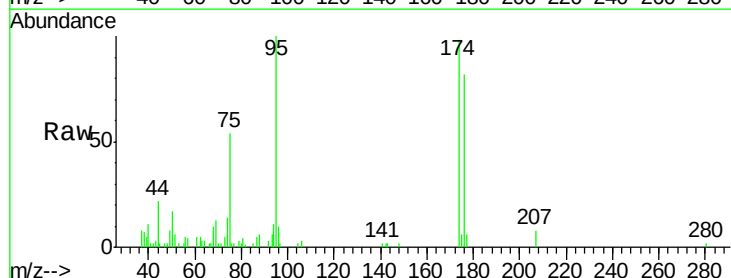
Tgt Ion: 95 Resp: 13021

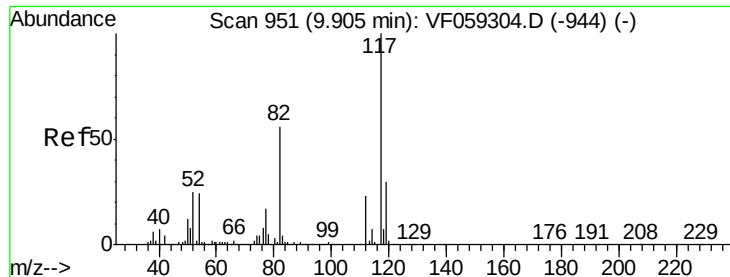
Ion Ratio Lower Upper

95 100

174 98.2 0.0 165.2

176 81.6 0.0 161.0





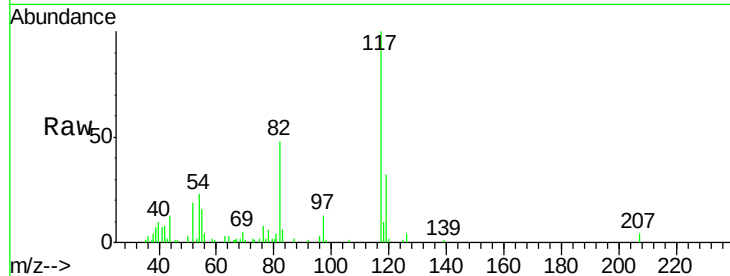
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.89 min Scan# 949
Delta R.T. -0.02 min
Lab File: VF059413.D
Acq: 3 Jul 2018 15:45

Instrument :
MSVOA_F
ClientSampleId :
JC-SOILRE

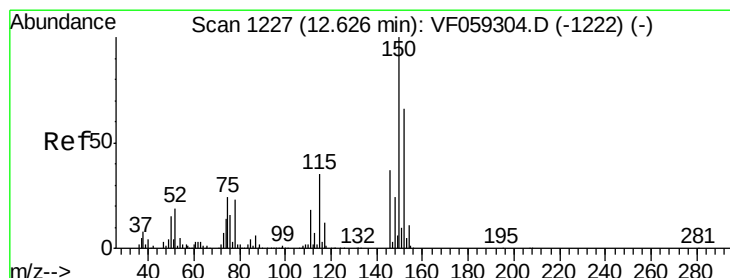
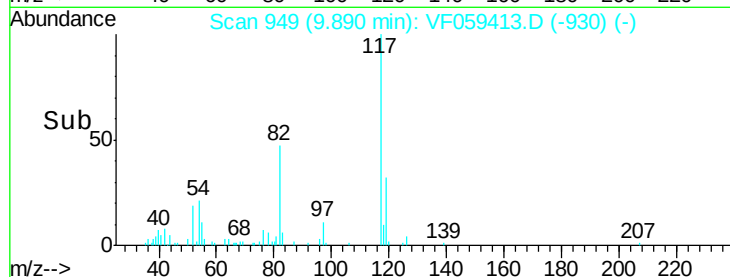
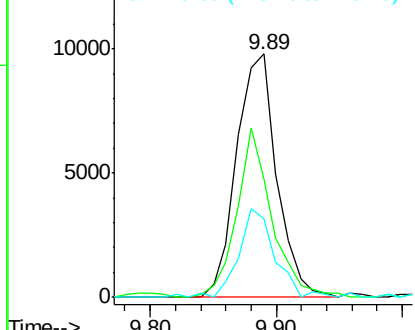
Tot Ion	Ratio	Lower	Upper
117	100		
82	48.3	44.6	66.8
119	32.1	24.1	36.1

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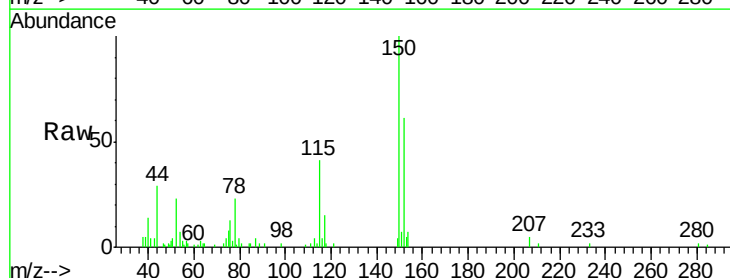


Abundance Ion 117.00 (116.70 to 117.70): V
Ion 82.00 (81.70 to 82.70): V
Ion 119.00 (118.70 to 119.70): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.61 min Scan# 1225
Delta R.T. -0.02 min
Lab File: VF059413.D
Acq: 3 Jul 2018 15:45

Tgt Ion	Ratio	Lower	Upper
152	100		
115	66.3	27.1	81.3
150	163.0	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

