

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF062618\
 Data File : VF059319.D
 Acq On : 26 Jun 2018 16:18
 Operator : VA/AP
 Sample : J3664-16RE
 Misc : 5.82g/5mL/MSVOA-F/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 WP021SB485-27-29-180619RE

Manual Integrations
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Quant Time: Jun 27 07:00:06 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	274759	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.74	114	421957	50.00	ug/l	-0.01
63) Chlorobenzene-d5	9.89	117	416315	50.00	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	12.62	152	256372	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.99	65	149504	42.12	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	84.24%	
35) Dibromofluoromethane	4.27	113	137976	44.75	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.50%	
50) Toluene-d8	7.69	98	324531	42.51	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	85.02%	
62) 4-Bromofluorobenzene	11.49	95	197553	45.88	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	91.76%	
Target Compounds						
16) Acetone	2.32	43	36506	32.30	ug/l	98
17) Carbon Disulfide	1.85	76	8879	2.33	ug/l #	88
20) Methylene Chloride	2.26	84	17452m	1.62	ug/l	
25) 2-Butanone	4.49	43	6917	3.74	ug/l	93
65) Chlorobenzene	9.92	112	63193	8.19	ug/l	99

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

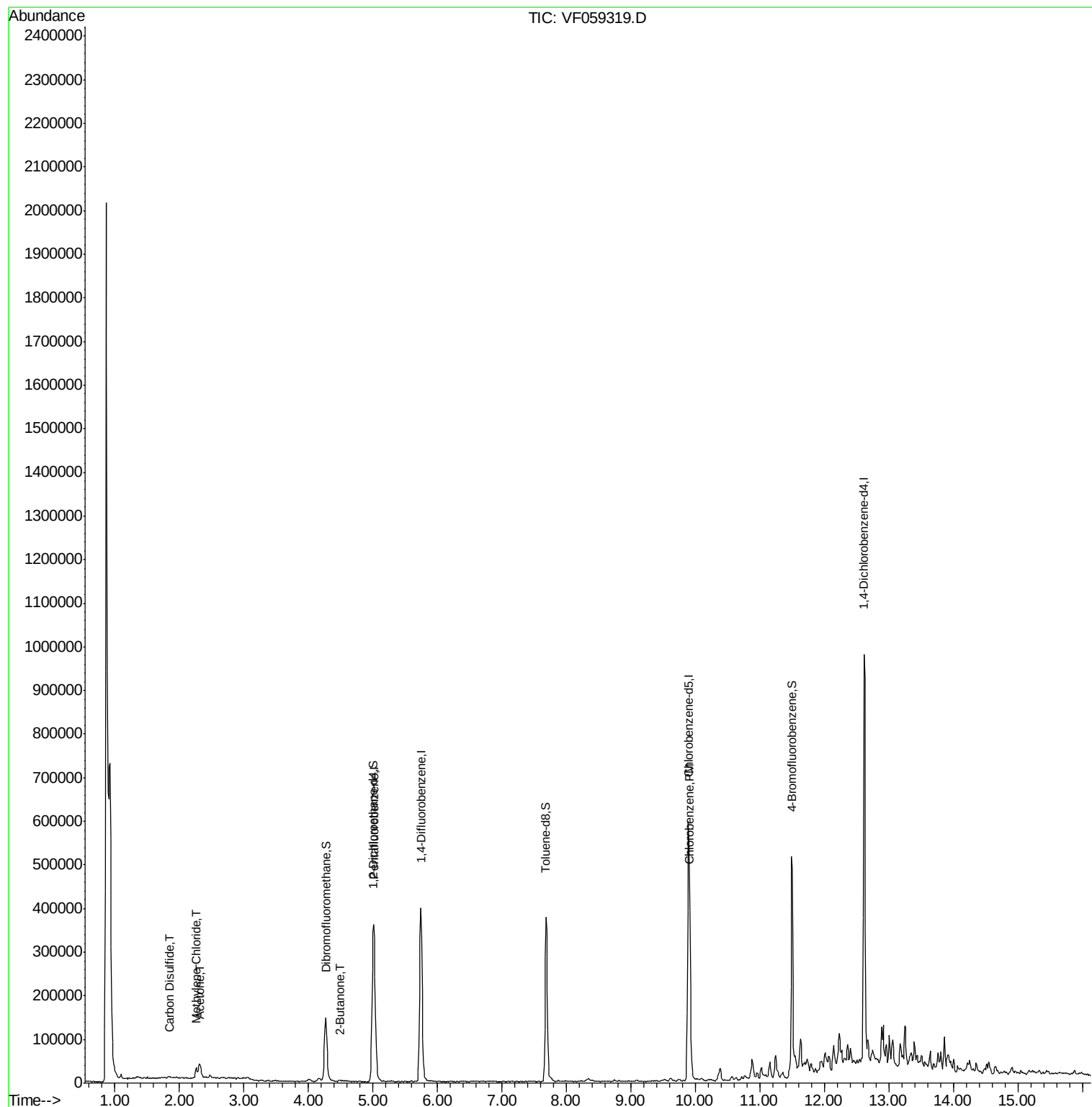
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF062618\
Data File : VF059319.D
Acq On : 26 Jun 2018 16:18
Operator : VA/AP
Sample : J3664-16RE
Misc : 5.82g/5mL/MSVOA-F/SOIL
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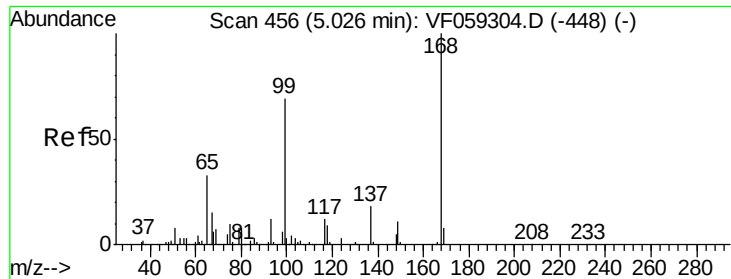
Instrument :
MSVOA_F
ClientSampleId :
WP021SB485-27-29-180619RE

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Quant Time: Jun 27 07:00:06 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# 456

Delta R.T. -0.00 min

Lab File: VF059319.D

Acq: 26 Jun 2018 16:18

Instrument :

MSVOA_F

ClientSampleId :

WP021SB485-27-29-180619RE

Tot Ion:168 Resp: 274759

Ion Ratio Lower Upper

168 100

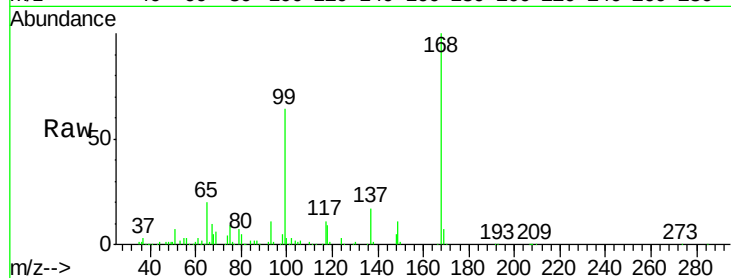
99 64.2 54.9 82.3

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Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

5.02

100000

80000

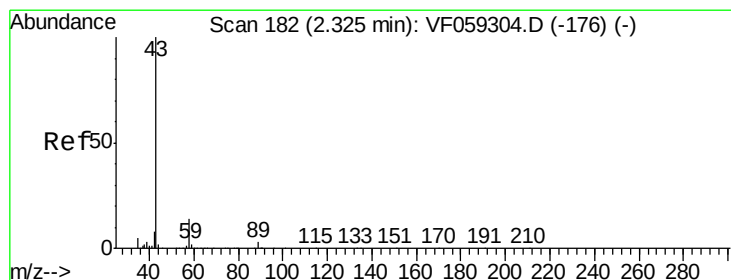
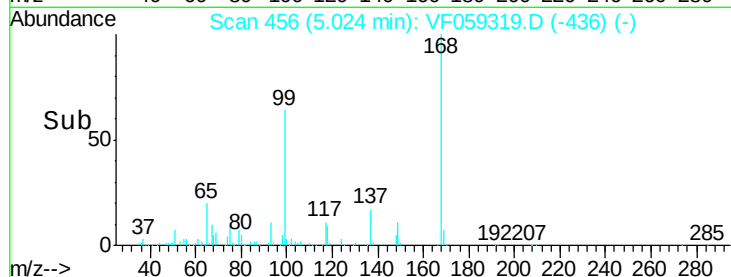
60000

40000

20000

0

Time-->



#16

Acetone

Concen: 32.30 ug/l

RT: 2.32 min Scan# 182

Delta R.T. -0.00 min

Lab File: VF059319.D

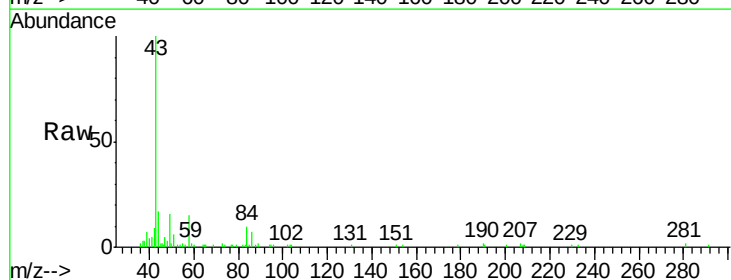
Acq: 26 Jun 2018 16:18

Tgt Ion: 43 Resp: 36506

Ion Ratio Lower Upper

43 100

58 14.9 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

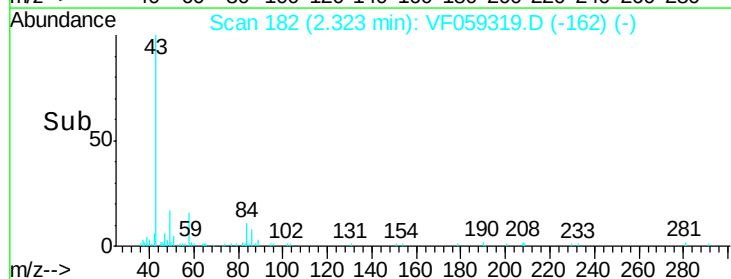
15000

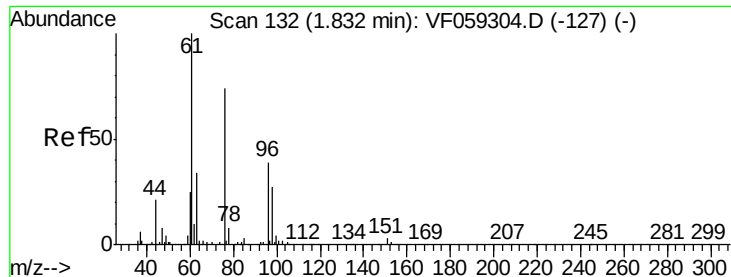
10000

5000

0

Time-->





#17

Carbon Disulfide

Concen: 2.33 ug/l

RT: 1.85 min Scan# 134

Delta R.T. 0.02 min

Lab File: VF059319.D

Acq: 26 Jun 2018 16:18

Instrument :

MSVOA_F

ClientSampleId :

WP021SB485-27-29-180619RE

Tot Ion: 76 Resp: 8879

Ion Ratio Lower Upper

76 100

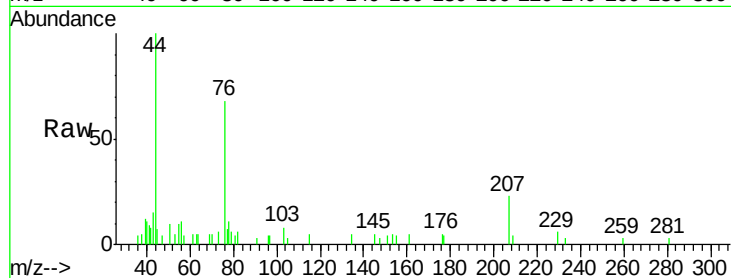
78 15.7 8.9 13.3#

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Abundance Ion 76.00 (75.70 to 76.70): VF0

Ion 78.00 (77.70 to 78.70): VF0

1.85

2000

1500

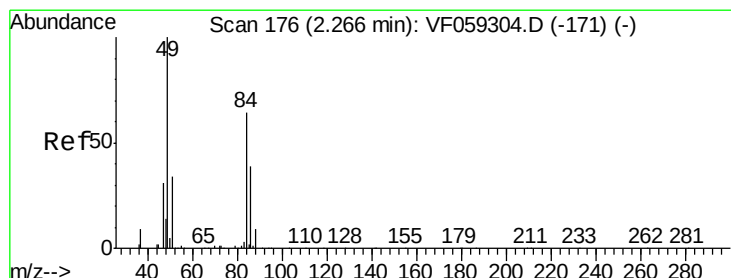
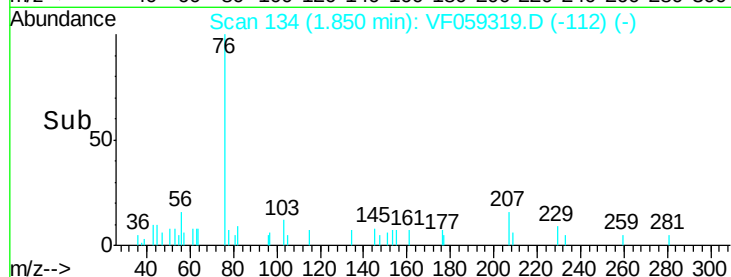
1000

500

0

1.80 1.90 2.00

Time-->



#20

Methylene Chloride

Concen: 1.62 ug/l m

RT: 2.26 min Scan# 176

Delta R.T. -0.00 min

Lab File: VF059319.D

Acq: 26 Jun 2018 16:18

Tgt Ion: 84 Resp: 17452

Ion Ratio Lower Upper

84 100

49 173.8 126.5 189.7

51 48.7 42.9 64.3

86 68.3 48.6 73.0

Abundance Ion 84.00 (83.70 to 84.70): VF0

Ion 49.00 (48.70 to 49.70): VF0

Ion 51.00 (50.70 to 51.70): VF0

Ion 86.00 (85.70 to 86.70): VF0

12000

10000

8000

6000

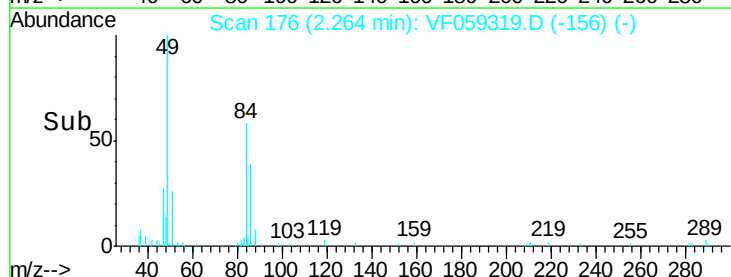
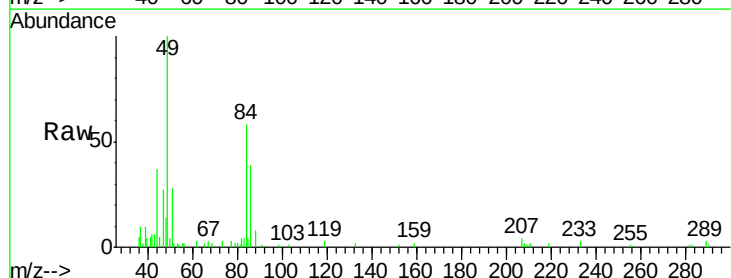
4000

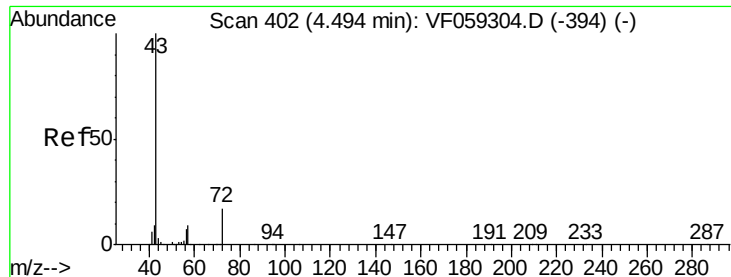
2000

0

2.20 2.30 2.40

Time-->





#25

2-Butanone

Concen: 3.74 ug/l

RT: 4.49 min Scan# 402

Delta R.T. -0.00 min

Lab File: VF059319.D

Acq: 26 Jun 2018 16:18

Instrument :

MSVOA_F

ClientSampleId :

WP021SB485-27-29-180619RE

Tot Ion: 43 Resp: 6917

Ion Ratio Lower Upper

43 100

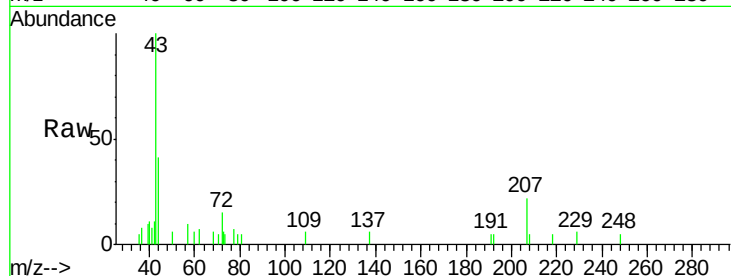
72 14.8 14.4 21.6

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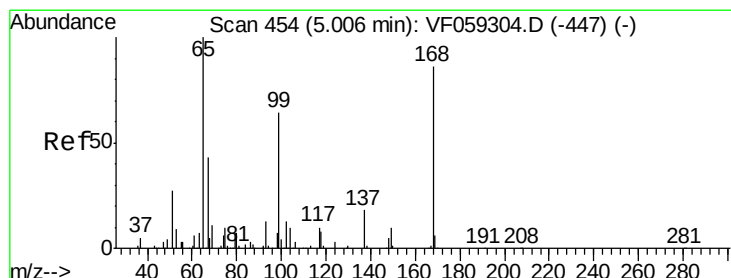
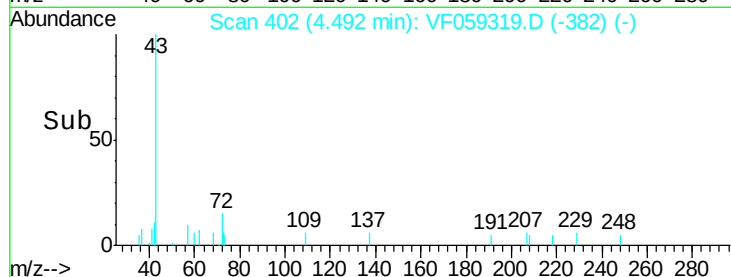
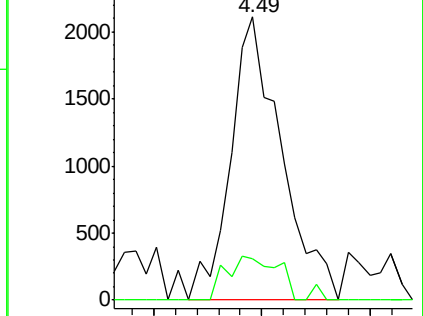
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Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 72.00 (71.70 to 72.70): VF0



#33

1,2-Dichloroethane-d4

Concen: 42.12 ug/l

RT: 4.99 min Scan# 453

Delta R.T. -0.01 min

Lab File: VF059319.D

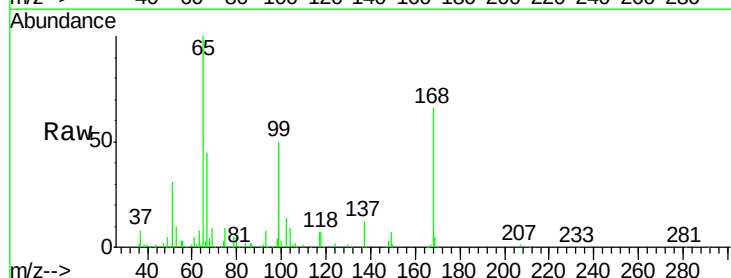
Acq: 26 Jun 2018 16:18

Tgt Ion: 65 Resp: 149504

Ion Ratio Lower Upper

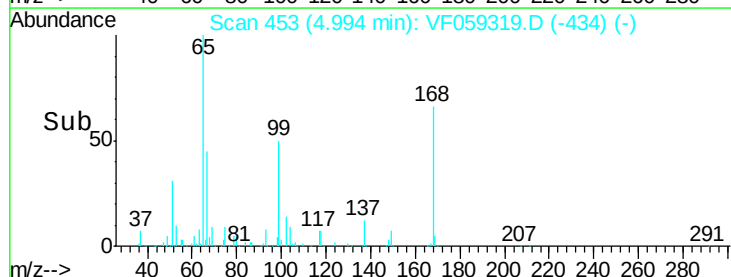
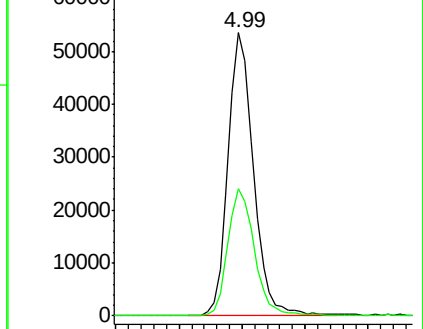
65 100

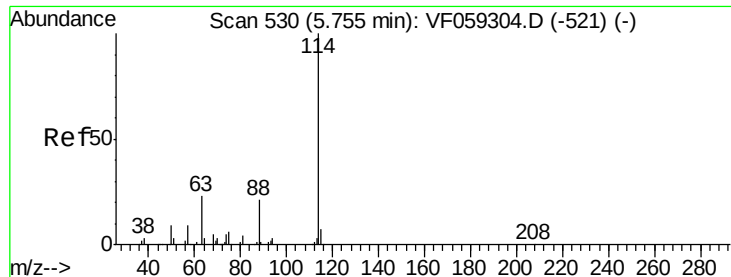
67 45.0 0.0 96.8



Abundance Ion 65.00 (64.70 to 65.70): VF0

Ion 67.00 (66.70 to 67.70): VF0





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 5.74 min Scan# 529

Delta R.T. -0.01 min

Lab File: VF059319.D

Acq: 26 Jun 2018 16:18

Instrument :

MSVOA_F

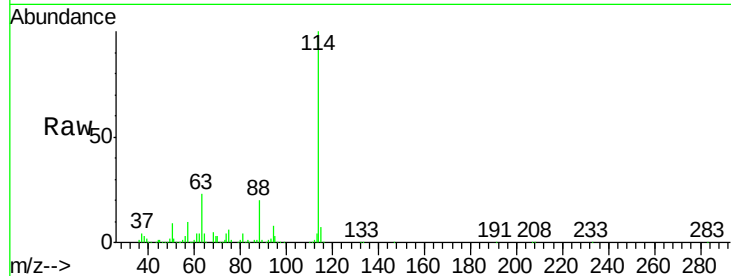
ClientSampleId :

WP021SB485-27-29-180619RE

Tot Ion	Ratio	Resp	Lower	Upper
114	100	421957		
63	22.5	0.0	45.8	
88	20.0	0.0	41.2	

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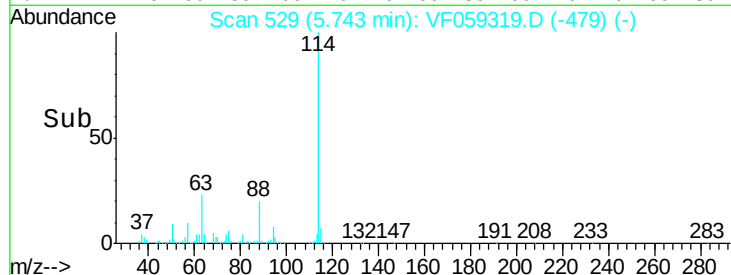


Abundance Ion 114.00 (113.70 to 114.70): V

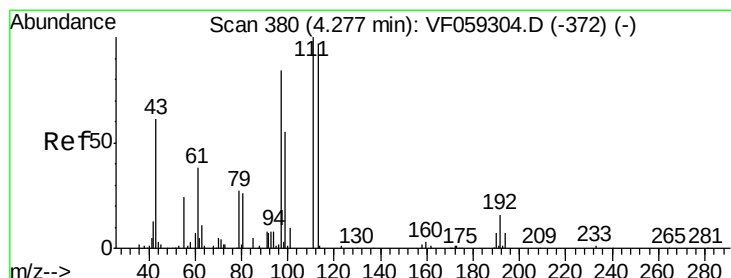
Ion 63.00 (62.70 to 63.70): VF0

Ion 88.00 (87.70 to 88.70): VF0

Time-->



Time-->



#35

Dibromofluoromethane

Concen: 44.75 ug/l

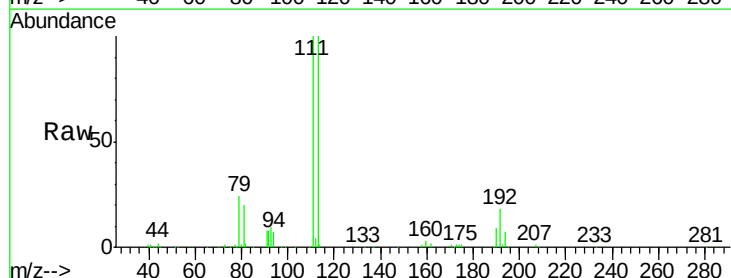
RT: 4.27 min Scan# 380

Delta R.T. -0.00 min

Lab File: VF059319.D

Acq: 26 Jun 2018 16:18

Tgt Ion	Ratio	Resp	Lower	Upper
113	100	137976		
111	100.2	82.1	123.1	
192	18.0	13.0	19.6	

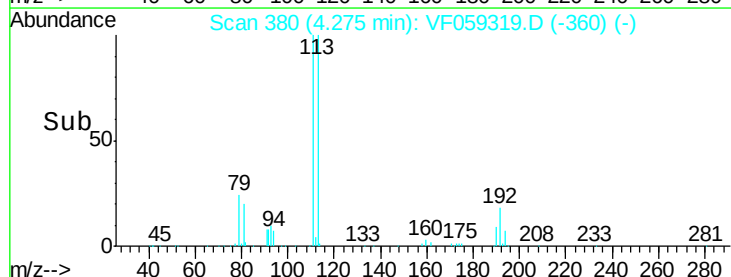


Abundance Ion 113.00 (112.70 to 113.70): V

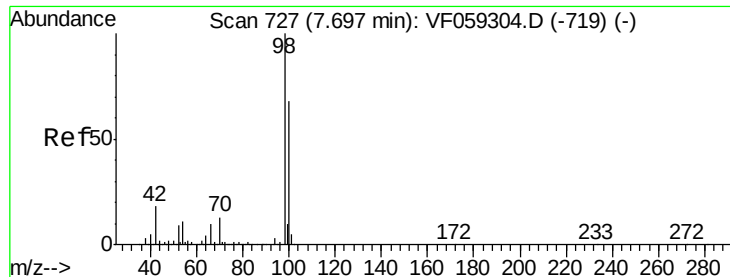
Ion 111.00 (110.70 to 111.70): V

Ion 192.00 (191.70 to 192.70): V

Time-->



Time-->



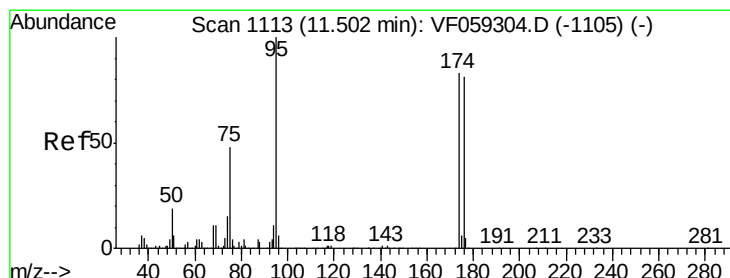
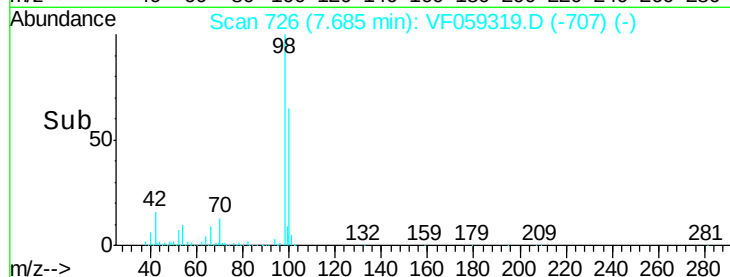
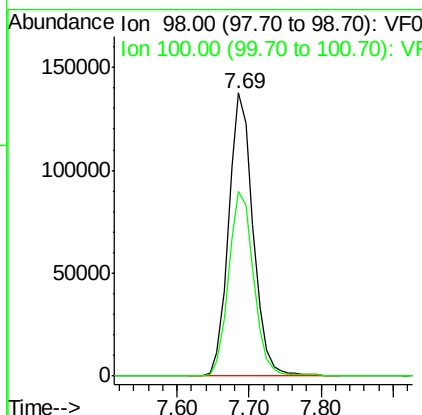
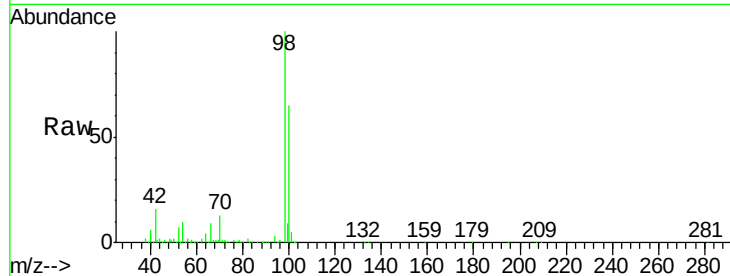
#50
Toluene-d8
Concen: 42.51 ug/l
RT: 7.69 min Scan# 726
Delta R.T. -0.01 min
Lab File: VF059319.D
Acq: 26 Jun 2018 16:18

Instrument :
MSVOA_F
ClientSampleId :
WP021SB485-27-29-180619RE

Tot Ion	Ratio	Lower	Upper
98	100		
100	65.3	54.6	82.0

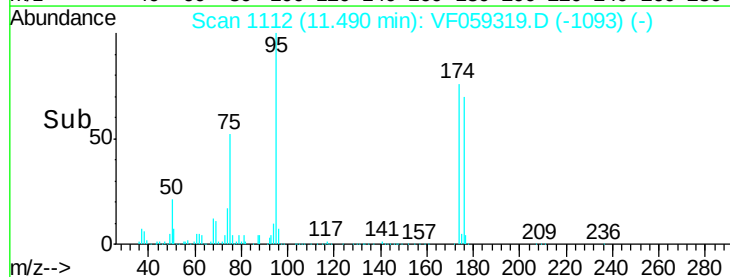
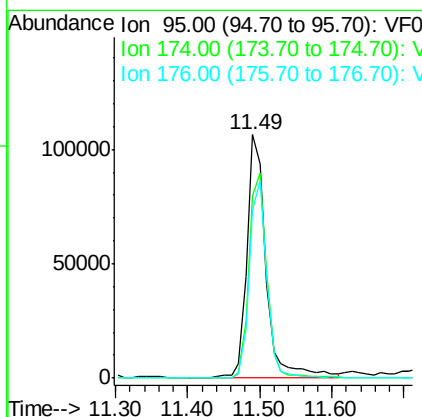
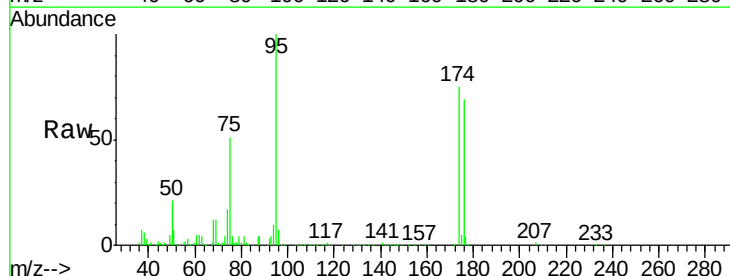
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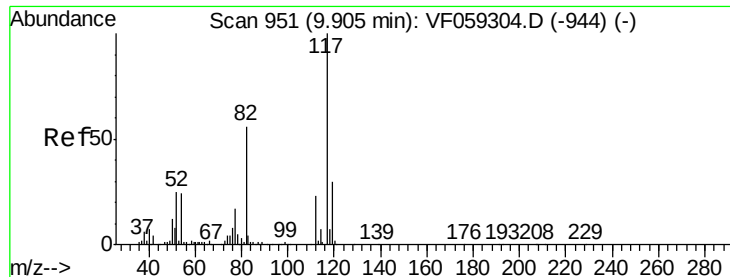
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#62
4-Bromofluorobenzene
Concen: 45.88 ug/l
RT: 11.49 min Scan# 1112
Delta R.T. -0.01 min
Lab File: VF059319.D
Acq: 26 Jun 2018 16:18

Tgt Ion	Ratio	Lower	Upper
95	100		
174	75.0	0.0	165.2
176	68.8	0.0	161.0





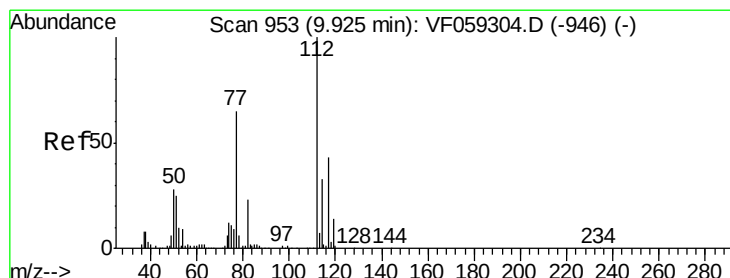
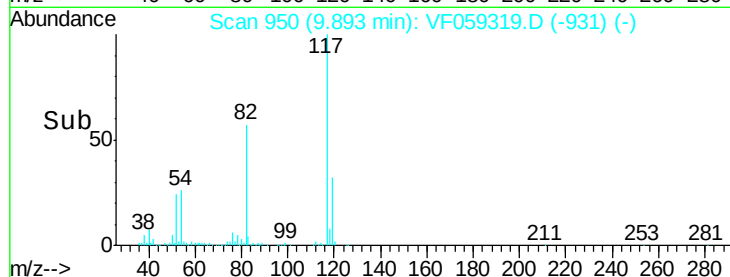
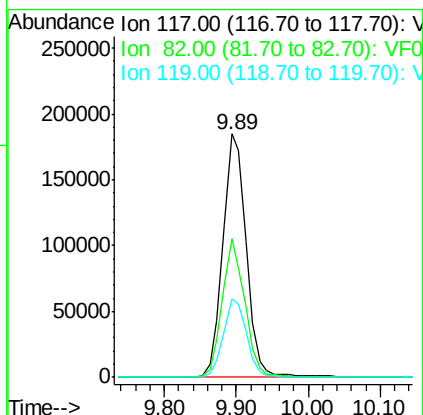
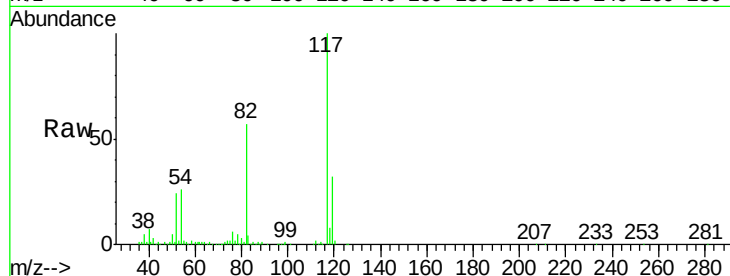
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.89 min Scan# 950
Delta R.T. -0.01 min
Lab File: VF059319.D
Acq: 26 Jun 2018 16:18

Instrument :
MSVOA_F
ClientSampleId :
WP021SB485-27-29-180619RE

Tot Ion	Ratio	Lower	Upper
117	100		
82	56.8	44.6	66.8
119	32.3	24.1	36.1

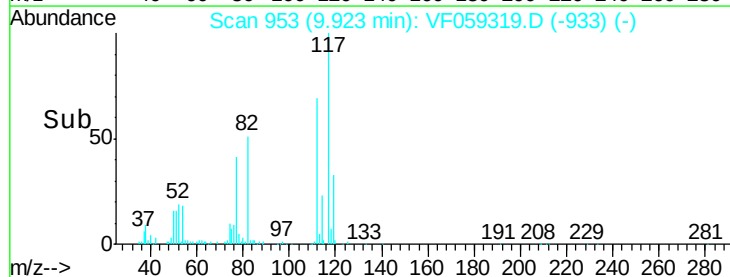
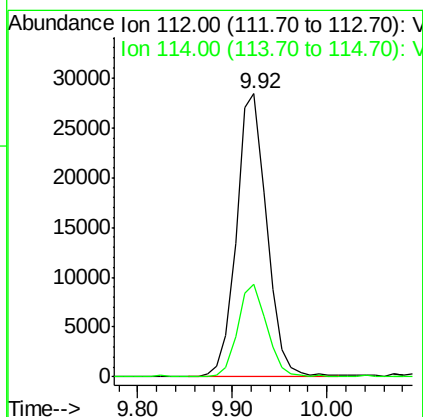
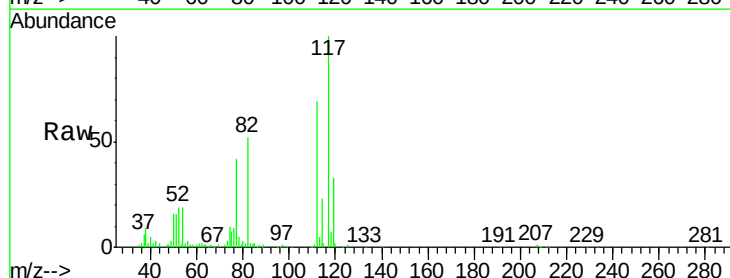
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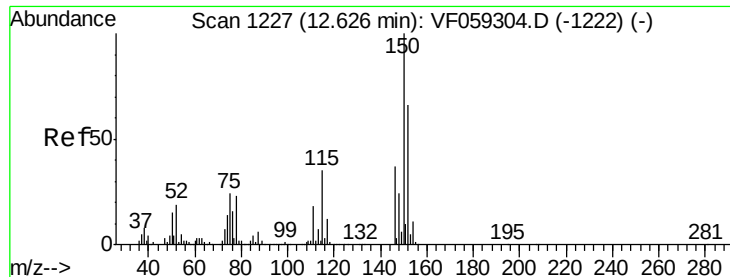
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#65
Chlorobenzene
Concen: 8.19 ug/l
RT: 9.92 min Scan# 953
Delta R.T. -0.00 min
Lab File: VF059319.D
Acq: 26 Jun 2018 16:18

Tgt Ion	Ratio	Lower	Upper
112	100		
114	32.8	26.5	39.7





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.62 min Scan# 1227

Delta R.T. -0.00 min

Lab File: VF059319.D

Acq: 26 Jun 2018 16:18

Instrument :

MSVOA_F

ClientSampleId :

WP021SB485-27-29-180619RE

Tot Ion:152 Resp: 256372

Ion Ratio Lower Upper

152 100

115 55.8 27.1 81.3

150 150.4 0.0 305.2

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