

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF031519\
 Data File : VF061961.D
 Acq On : 15 Mar 2019 15:15
 Operator : VA/AP
 Sample : K1928-04
 Misc : 6.77g/5mL/MSVOA-F/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 SB-MW-6(5-5.5)

Manual Integrations
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 3/17/2019 5:22:24 AM

Quant Time: Mar 16 00:04:41 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F030419S.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 05 04:50:44 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.88	168	135713	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.61	114	201284	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.79	117	162315	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.56	152	80800	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.86	65	45699	46.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.48%	
35) Dibromofluoromethane	4.13	113	70030	49.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.70%	
50) Toluene-d8	7.57	98	206170	49.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.76%	
62) 4-Bromofluorobenzene	11.42	95	82917	50.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.40%	
Target Compounds						
20) Methylene Chloride	2.19	84	9617m	3.461	ug/l	Qvalue
40) Benzene	4.64	78	10173	2.047	ug/l	94
52) Toluene	7.64	92	13791	4.691	ug/l	82

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

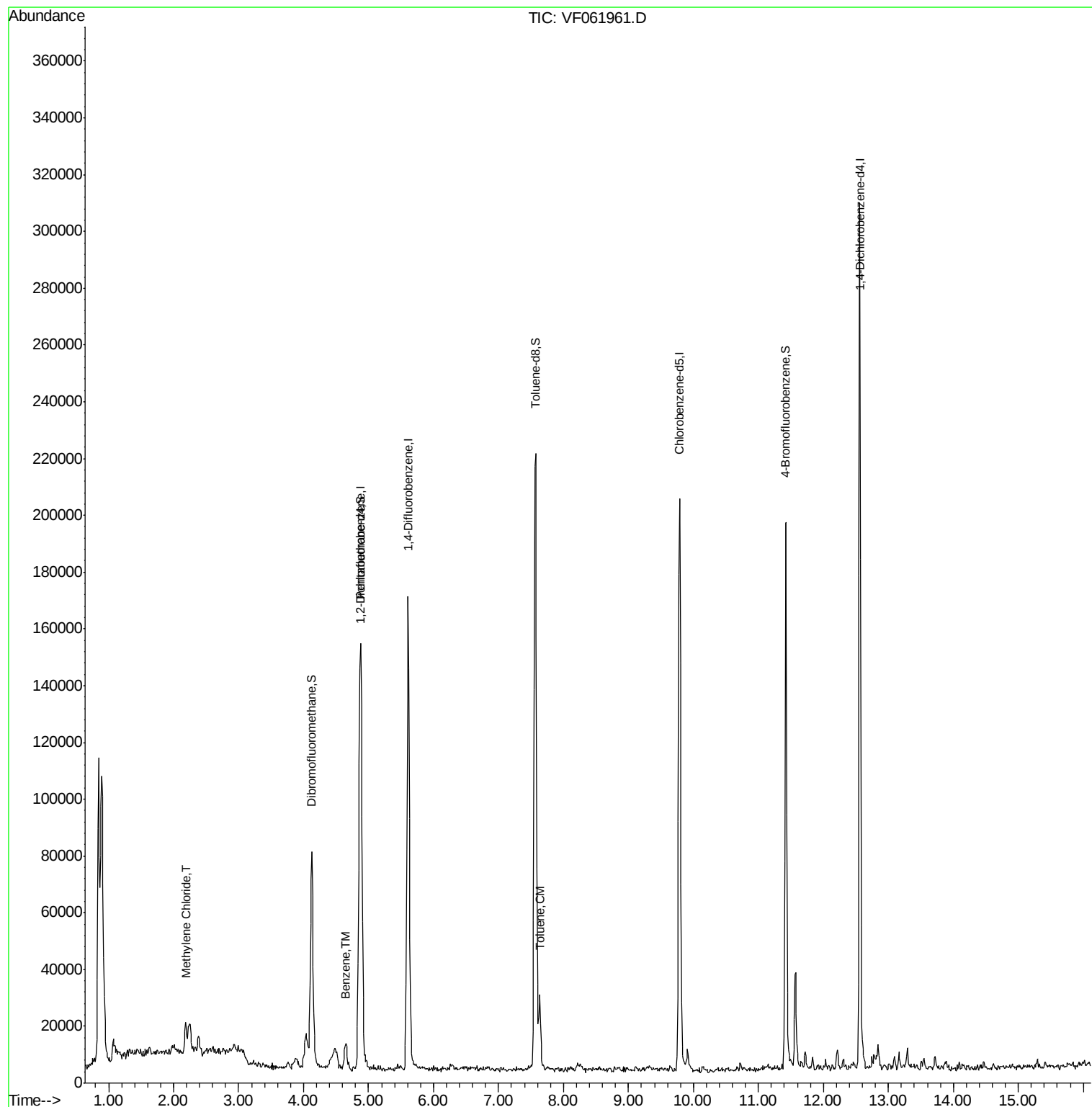
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF031519\
Data File : VF061961.D
Acq On : 15 Mar 2019 15:15
Operator : VA/AP
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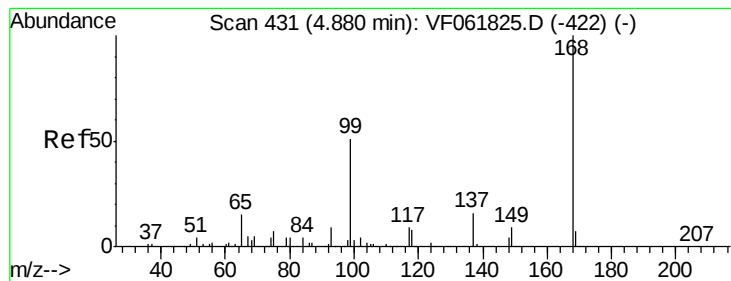
Instrument :
MSVOA_F
ClientSampleId :
SB-MW-6(5-5.5)

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Quant Time: Mar 16 00:04:41 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F030419S.M
Quant Title : SW846 8260
QLast Update : Tue Mar 05 04:50:44 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.88 min Scan# 431

Delta R.T. -0.00 min

Lab File: VF061961.D

Acq: 15 Mar 2019 15:15

Instrument :

MSVOA_F

ClientSampleId :

SB-MW-6(5-5.5)

Tot Ion:168 Resp: 135713

Ion Ratio Lower Upper

168 100

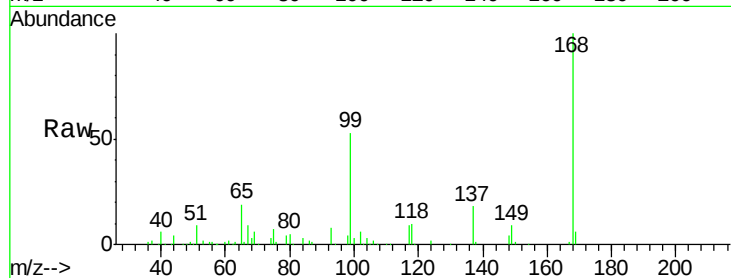
99 53.0 40.8 61.2

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Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

4.88

50000

40000

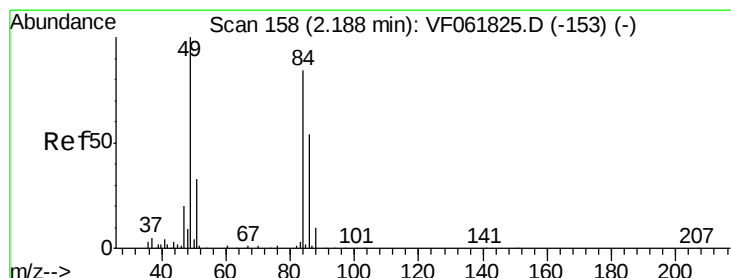
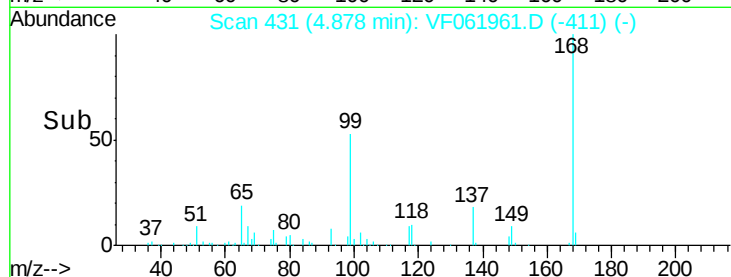
30000

20000

10000

0

Time--> 4.70 4.80 4.90 5.00



#20

Methylene Chloride

Concen: 3.461 ug/l m

RT: 2.19 min Scan# 158

Delta R.T. -0.00 min

Lab File: VF061961.D

Acq: 15 Mar 2019 15:15

Tgt Ion: 84 Resp: 9617

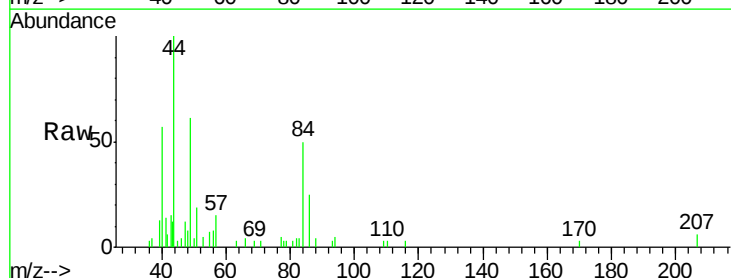
Ion Ratio Lower Upper

84 100

49 123.1 96.8 145.2

51 37.9 31.8 47.6

86 50.5 51.6 77.4#



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

4000

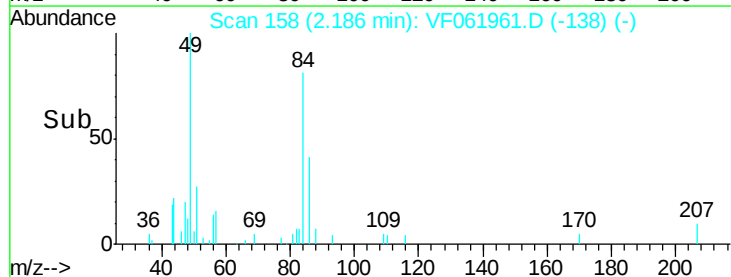
3000

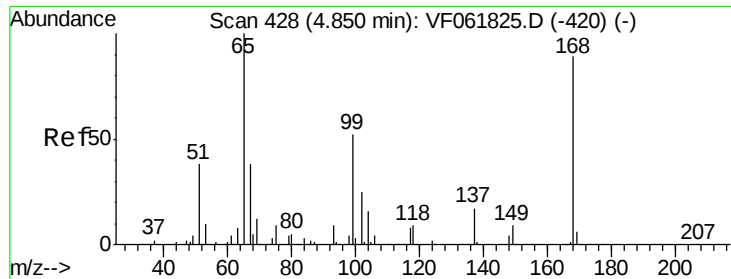
2000

1000

0

Time--> 2.10 2.20 2.30





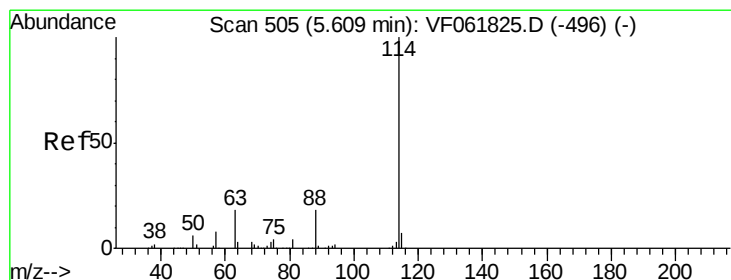
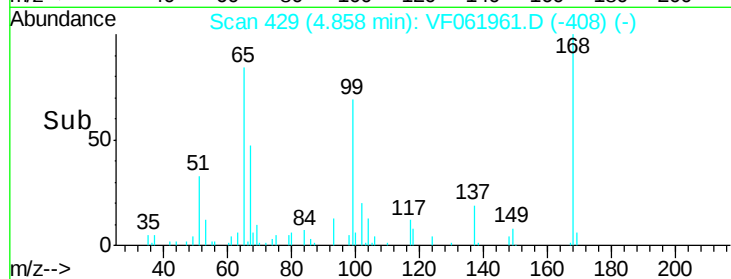
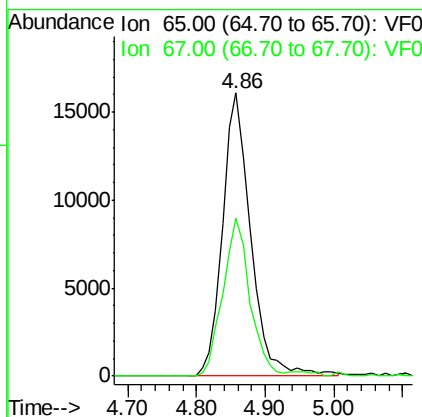
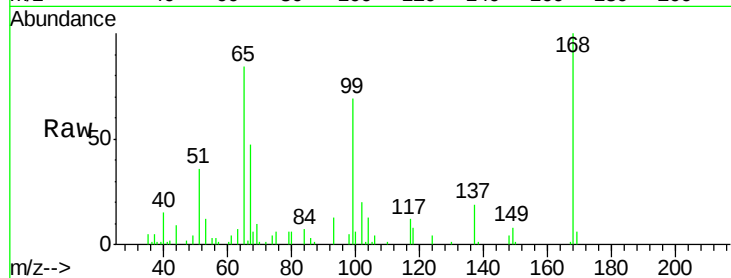
#33
 1,2-Dichloroethane-d4
 Concen: 46.239 ug/l
 RT: 4.86 min Scan# 429
 Delta R.T. 0.01 min
 Lab File: VF061961.D
 Acq: 15 Mar 2019 15:15

Instrument :
 MSVOA_F
 ClientSampleId :
 SB-MW-6(5-5.5)

Tot Ion	Ratio	Resp	Lower	Upper
65	100	45699		
67	55.9	0.0	108.6	

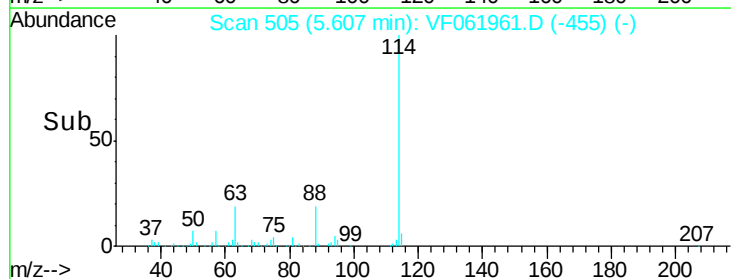
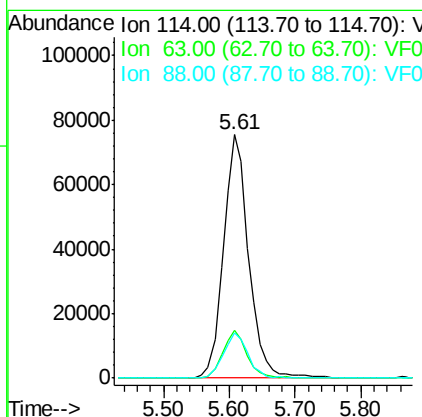
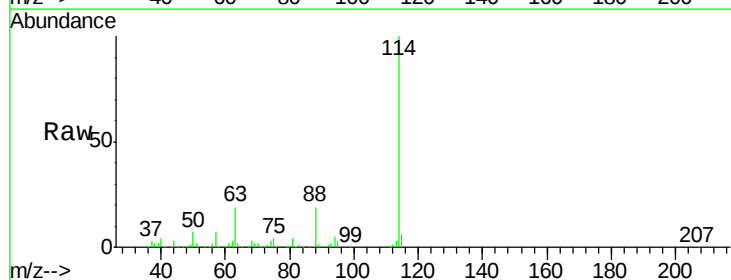
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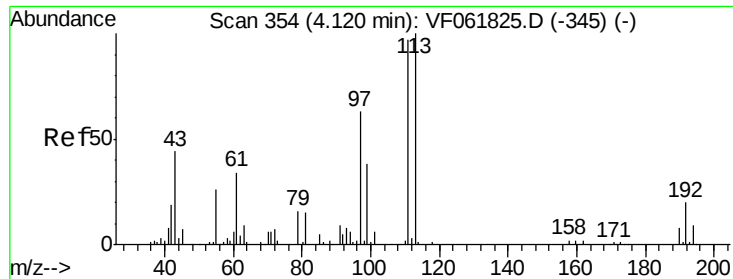
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.61 min Scan# 505
 Delta R.T. -0.00 min
 Lab File: VF061961.D
 Acq: 15 Mar 2019 15:15

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	201284		
63	19.4	0.0	35.6	
88	18.6	0.0	35.6	





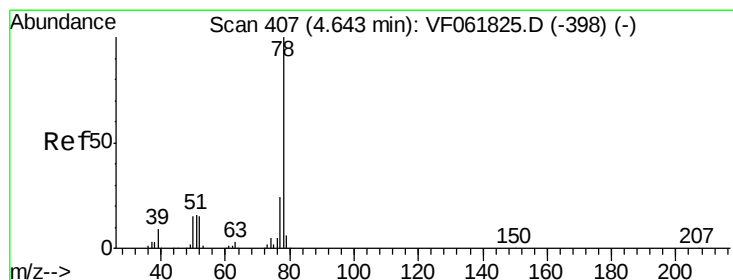
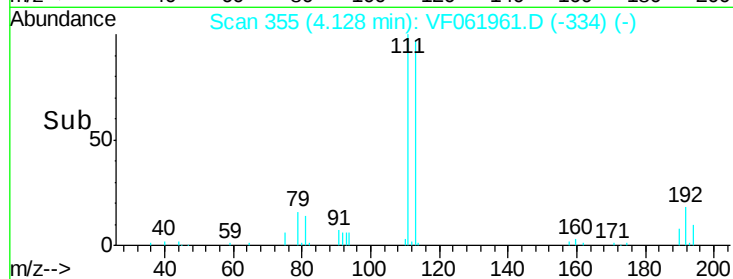
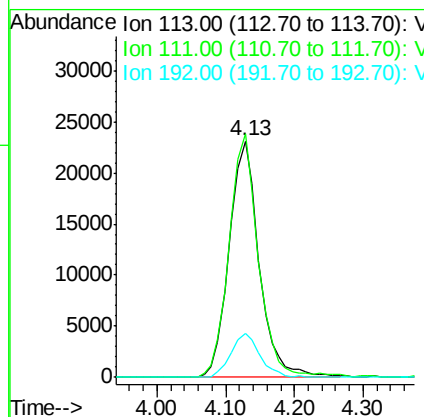
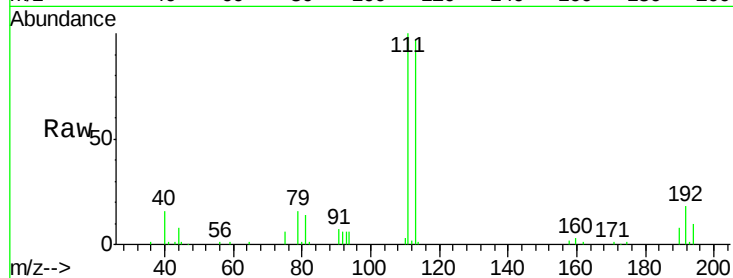
#35
Dibromofluoromethane
Concen: 49.854 ug/l
RT: 4.13 min Scan# 355
Delta R.T. 0.01 min
Lab File: VF061961.D
Acq: 15 Mar 2019 15:15

Instrument :
MSVOA_F
ClientSampleId :
SB-MW-6(5-5.5)

Tot Ion	Ratio	Lower	Upper
113	100		
111	103.0	77.6	116.4
192	19.5	15.9	23.9

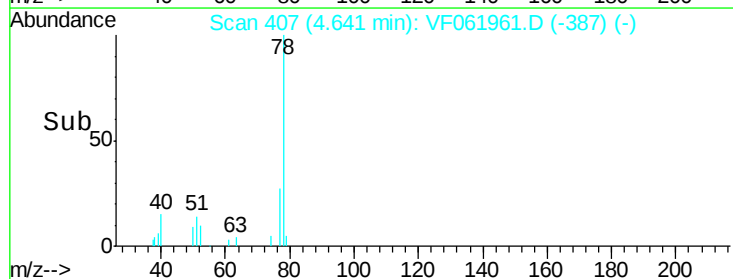
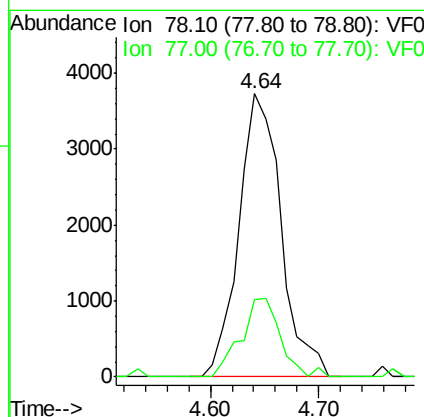
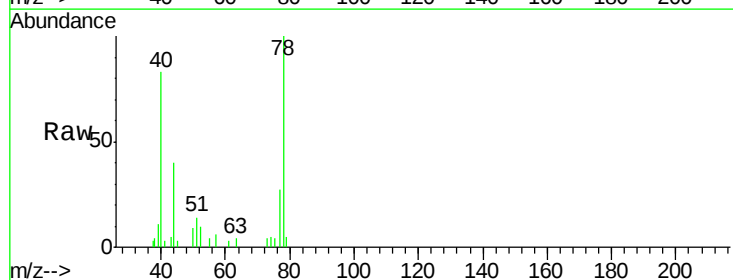
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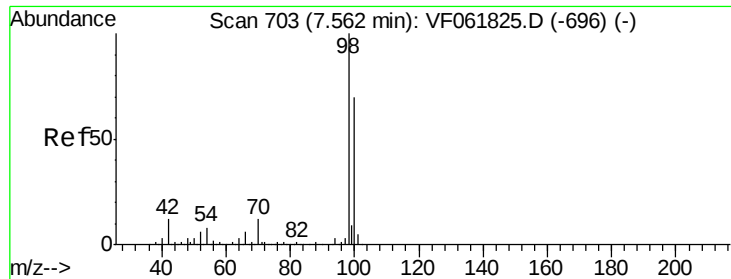
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#40
Benzene
Concen: 2.047 ug/l
RT: 4.64 min Scan# 407
Delta R.T. -0.00 min
Lab File: VF061961.D
Acq: 15 Mar 2019 15:15

Tgt Ion	Ratio	Lower	Upper
78	100		
77	27.2	19.5	29.3





#50

Toluene-d8

Concen: 49.380 ug/l

RT: 7.57 min Scan# 704

Delta R.T. 0.01 min

Lab File: VF061961.D

Acq: 15 Mar 2019 15:15

Instrument :

MSVOA_F

ClientSampleId :

SB-MW-6(5-5.5)

Tot Ion: 98 Resp: 206170

Ion Ratio Lower Upper

98 100

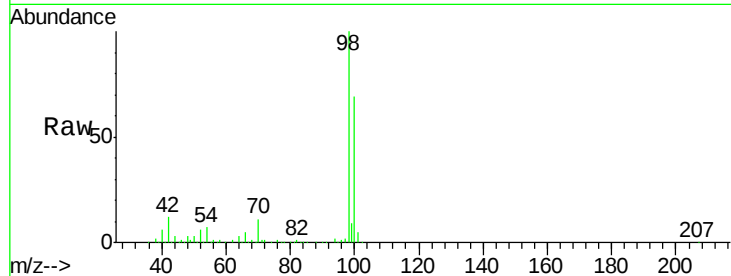
100 69.4 56.0 84.0

Manual Integrations

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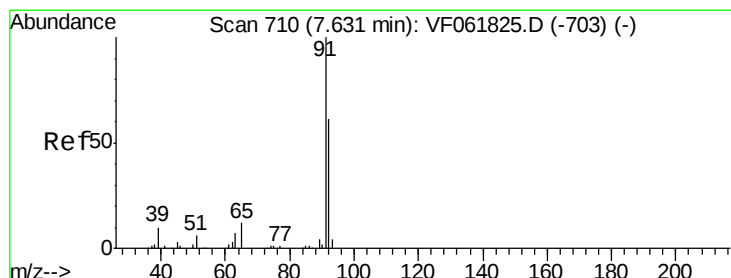
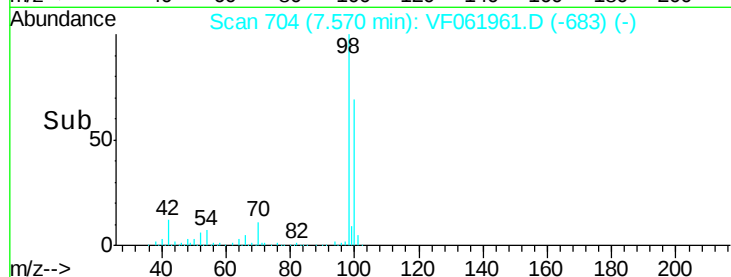
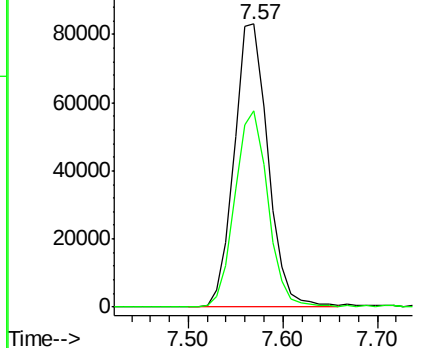
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Abundance Ion 98.00 (97.70 to 98.70): VF0

Ion 100.00 (99.70 to 100.70): VF0



#52

Toluene

Concen: 4.691 ug/l

RT: 7.64 min Scan# 711

Delta R.T. 0.01 min

Lab File: VF061961.D

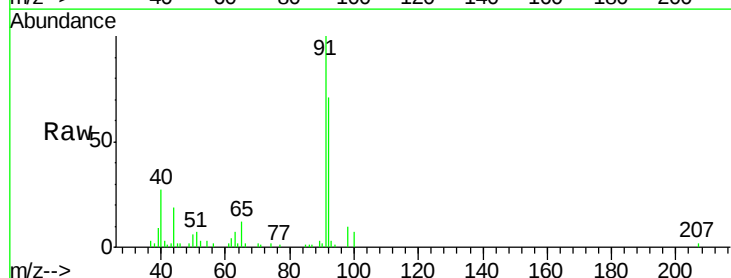
Acq: 15 Mar 2019 15:15

Tgt Ion: 92 Resp: 13791

Ion Ratio Lower Upper

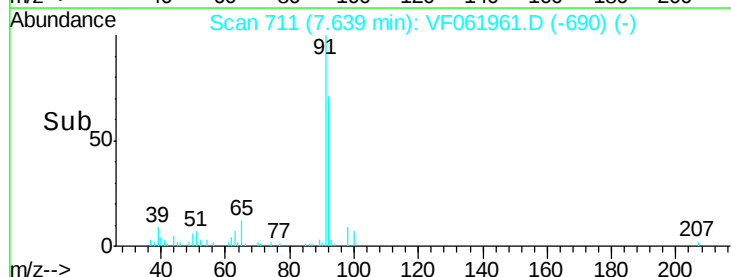
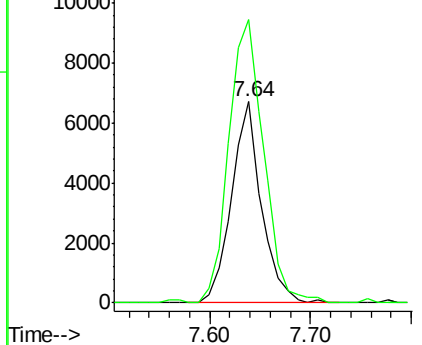
92 100

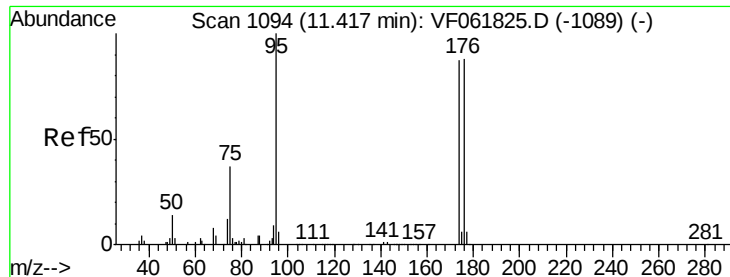
91 140.9 132.0 198.0



Abundance Ion 92.00 (91.70 to 92.70): VF0

Ion 91.00 (90.70 to 91.70): VF0





#62

4-Bromofluorobenzene

Concen: 50.698 ug/l

RT: 11.42 min Scan# 1094

Delta R.T. -0.00 min

Lab File: VF061961.D

Acq: 15 Mar 2019 15:15

Instrument :

MSVOA_F

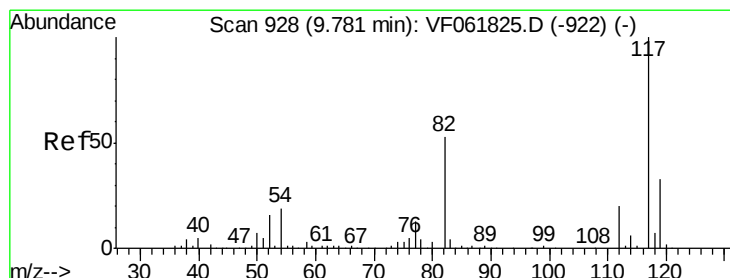
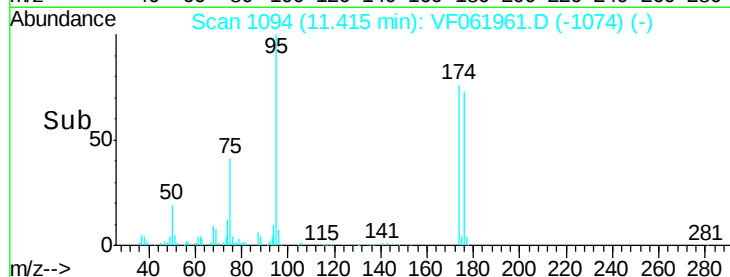
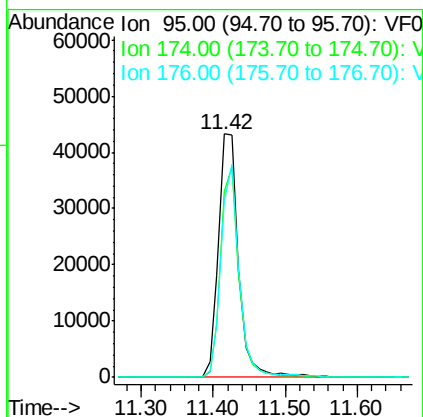
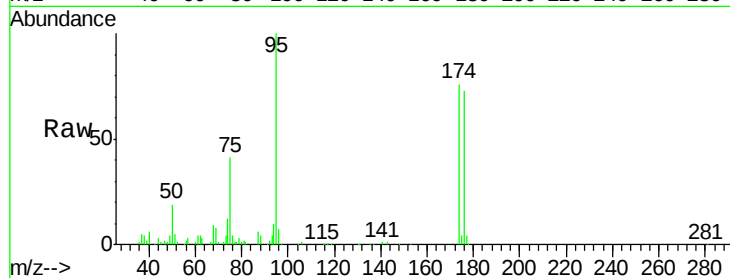
ClientSampleId :

SB-MW-6(5-5.5)

Tot Ion:	95	Resp:	82917
Ion Ratio	Lower	Upper	
95	100		
174	76.4	0.0	174.0
176	72.6	0.0	175.2

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#63

Chlorobenzene-d5

Concen: 50.000 ug/l

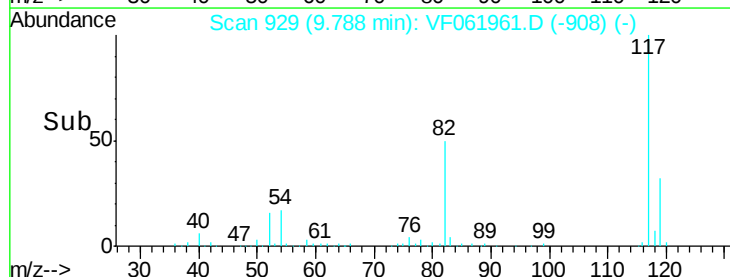
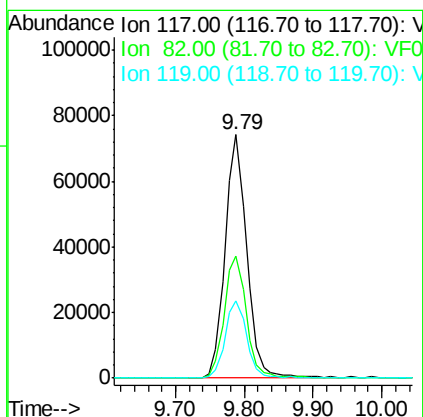
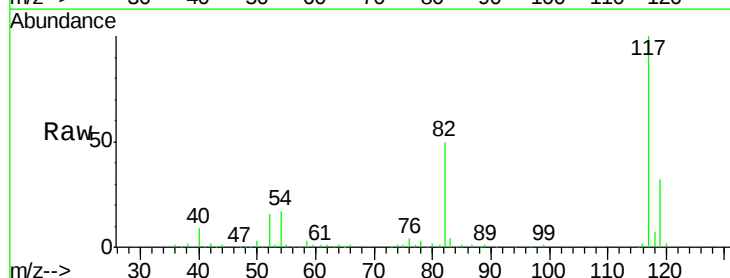
RT: 9.79 min Scan# 929

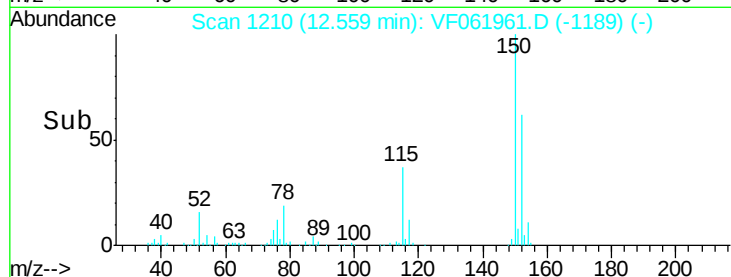
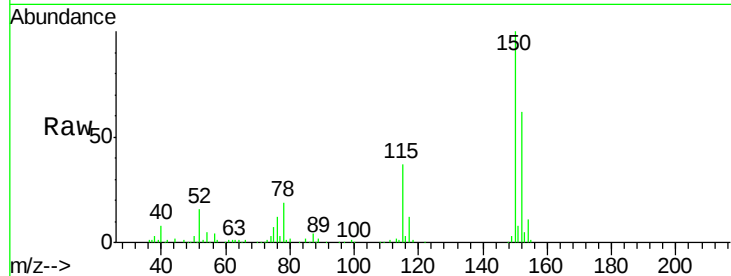
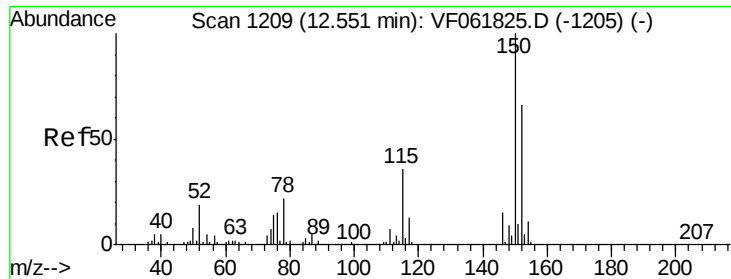
Delta R.T. 0.01 min

Lab File: VF061961.D

Acq: 15 Mar 2019 15:15

Tgt Ion:	117	Resp:	162315
Ion Ratio	Lower	Upper	
117	100		
82	50.1	42.6	63.8
119	31.6	26.0	39.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.56 min Scan# 1210

Delta R.T. 0.01 min

Lab File: VF061961.D

Acq: 15 Mar 2019 15:15

Tot Ion	Ratio	Resp	Lower	Upper
152	100	80800		
115	59.1		27.7	83.1
150	161.1		0.0	304.2

Instrument :

MSVOA_F

ClientSampleId :

SB-MW-6(5-5.5)

Manual Integrations
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