

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF020819\
 Data File : VF061565.D
 Acq On : 8 Feb 2019 18:45
 Operator : VA/AP
 Sample : K1442-03
 Misc : 5.25g/5mL/MSVOA-F/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 VOC-12

Manual Integrations
 APPROVED

MMDadoda
 2/12/2019 2:32:10 AM

Quant Time: Feb 09 05:01:08 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F011519S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 16 04:51:59 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.86	168	181853	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.59	114	326561	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.77	117	279645	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.55	152	110032	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.83	65	92321	41.12	ug/l	0.00
Spiked Amount 50.000			Recovery	=	82.24%	
35) Dibromofluoromethane	4.10	113	100509	39.00	ug/l	0.00
Spiked Amount 50.000			Recovery	=	78.00%	
50) Toluene-d8	7.55	98	231244	32.75	ug/l	0.00
Spiked Amount 50.000			Recovery	=	65.50%	
62) 4-Bromofluorobenzene	11.40	95	102494	31.07	ug/l	0.00
Spiked Amount 50.000			Recovery	=	62.14%	
Target Compounds						
16) Acetone	2.23	43	8545m	18.971	ug/l	Qvalue

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

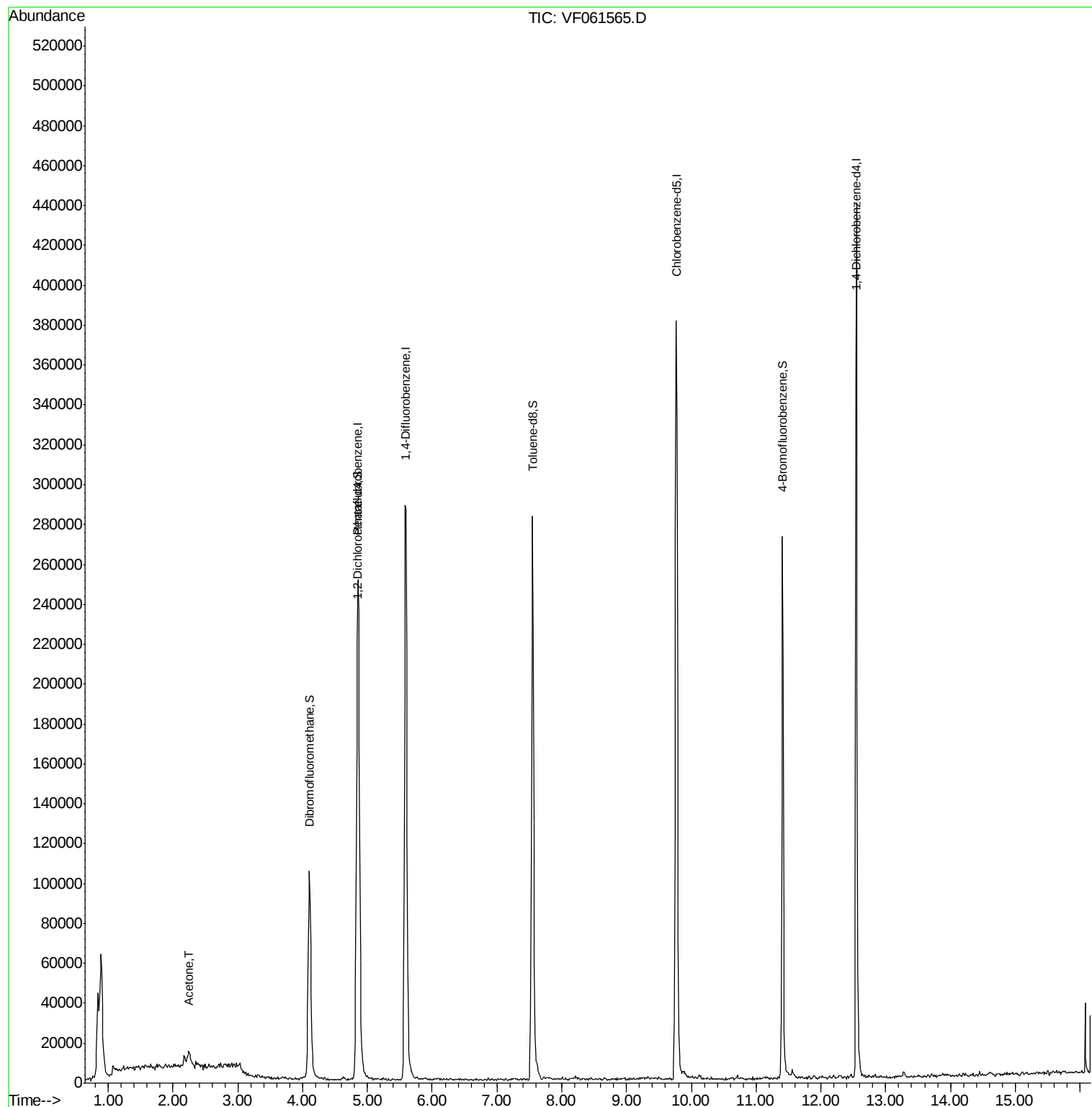
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF020819\
Data File : VF061565.D
Acq On : 8 Feb 2019 18:45
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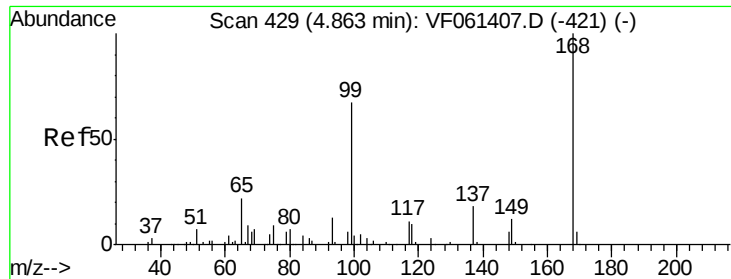
Instrument :
MSVOA_F
ClientSampleId :
VOC-12

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Quant Time: Feb 09 05:01:08 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F011519S.M
Quant Title : SW846 8260
QLast Update : Wed Jan 16 04:51:59 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.86 min Scan# 429

Delta R.T. 0.00 min

Lab File: VF061565.D

Acq: 8 Feb 2019 18:45

Instrument :

MSVOA_F

ClientSampleId :

VOC-12

Tot Ion:168 Resp: 181853

Ion Ratio Lower Upper

168 100

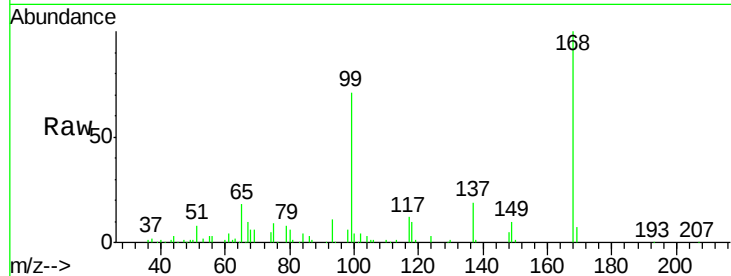
99 70.8 53.5 80.3

Manual Integrations

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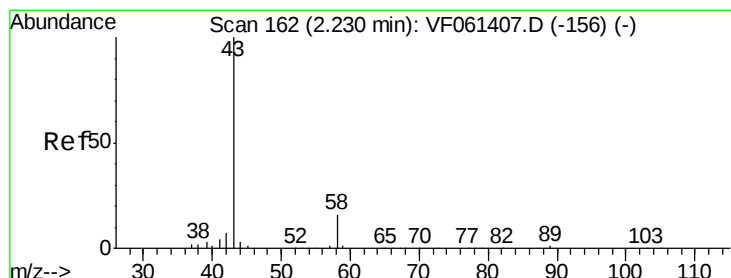
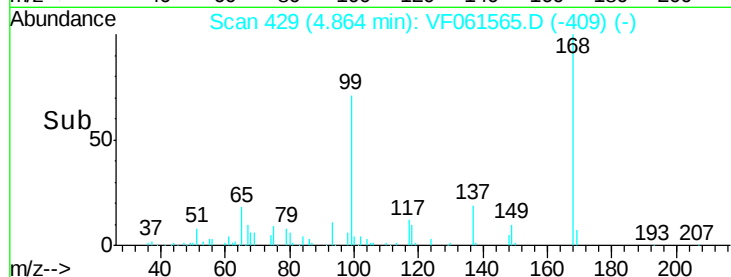
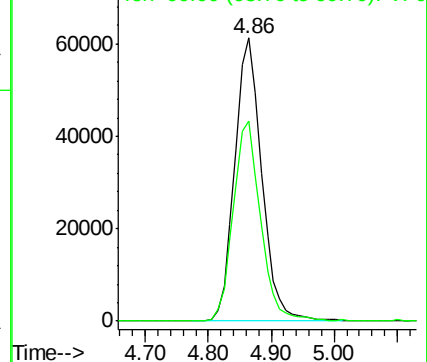
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Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0



#16

Acetone

Concen: 18.971 ug/l m

RT: 2.23 min Scan# 162

Delta R.T. 0.00 min

Lab File: VF061565.D

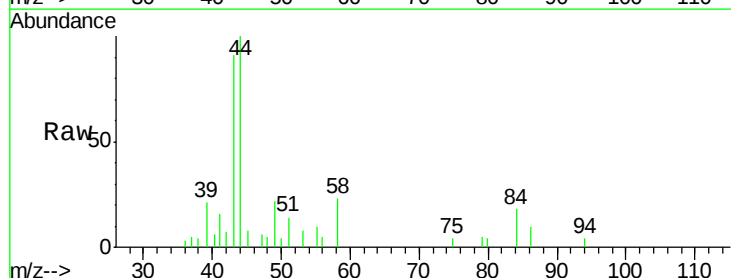
Acq: 8 Feb 2019 18:45

Tgt Ion: 43 Resp: 8545

Ion Ratio Lower Upper

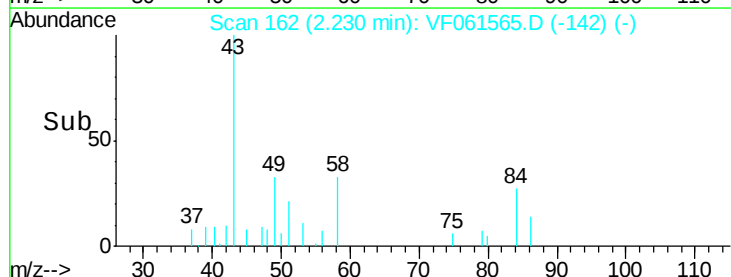
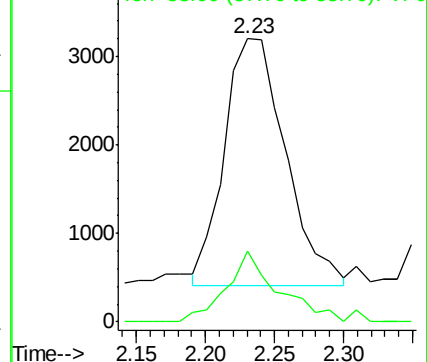
43 100

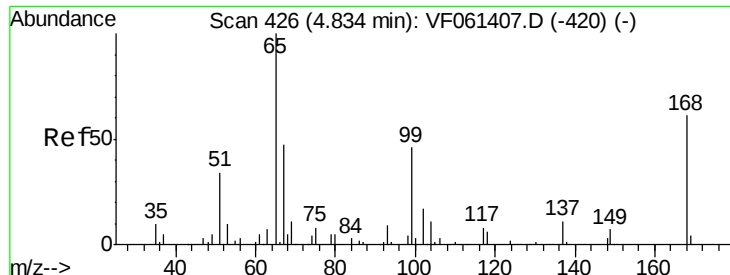
58 24.8 13.3 19.9#



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: 41.119 ug/l

RT: 4.83 min Scan# 426

Delta R.T. 0.00 min

Lab File: VF061565.D

Acq: 8 Feb 2019 18:45

Tot Ion: 65 Resp: 92321

Ion Ratio Lower Upper

65 100

67 48.8 0.0 99.8

Instrument :

MSVOA_F

ClientSampled :

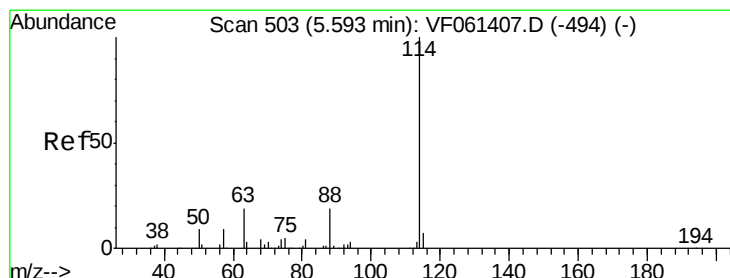
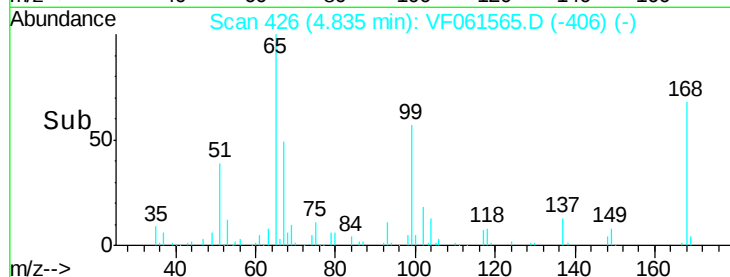
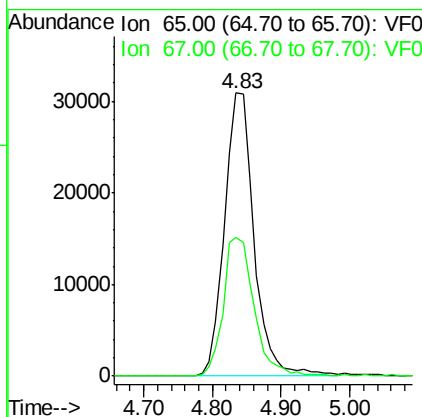
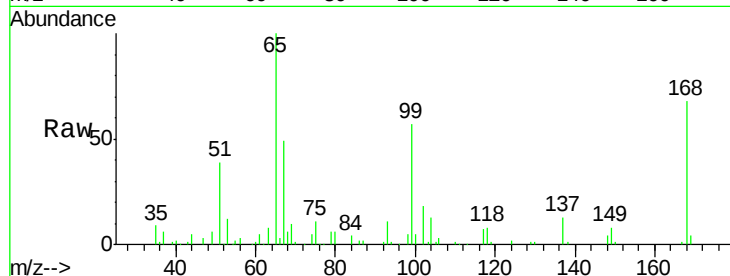
VOC-12

Manual Integrations

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.59 min Scan# 503

Delta R.T. 0.00 min

Lab File: VF061565.D

Acq: 8 Feb 2019 18:45

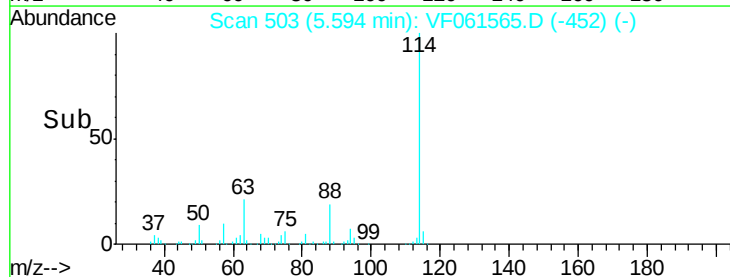
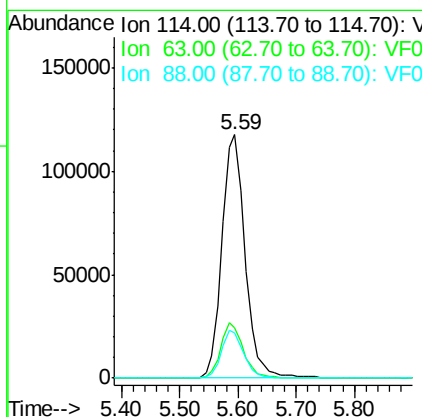
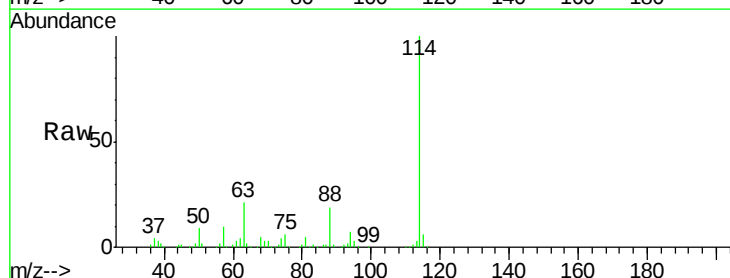
Tgt Ion: 114 Resp: 326561

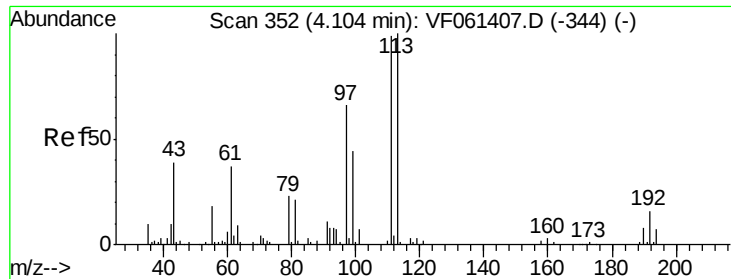
Ion Ratio Lower Upper

114 100

63 20.7 0.0 39.0

88 18.8 0.0 37.4





#35

Dibromofluoromethane

Concen: 39.005 ug/l

RT: 4.10 min Scan# 352

Delta R.T. 0.00 min

Lab File: VF061565.D

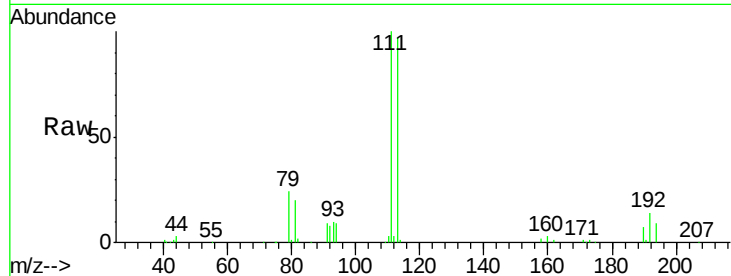
Acq: 8 Feb 2019 18:45

Instrument :
MSVOA_F
ClientSampleId :
VOC-12

Tot Ion	Ion	Ratio	Resp	Lower	Upper
113	100				
111	103.3	79.4	119.0		
192	14.6	12.4	18.6		

Manual Integrations
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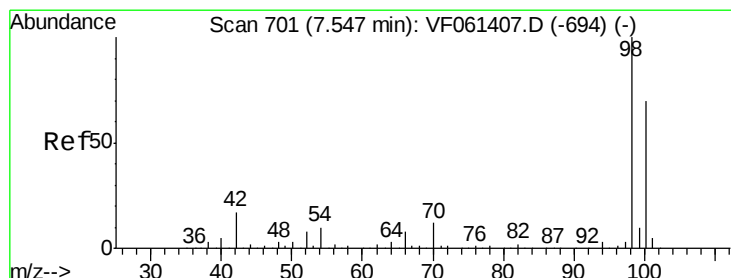
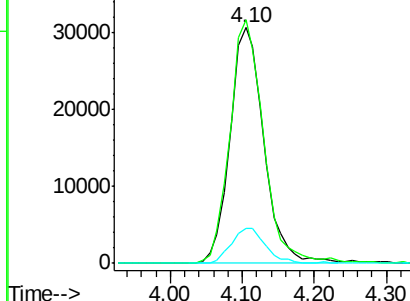
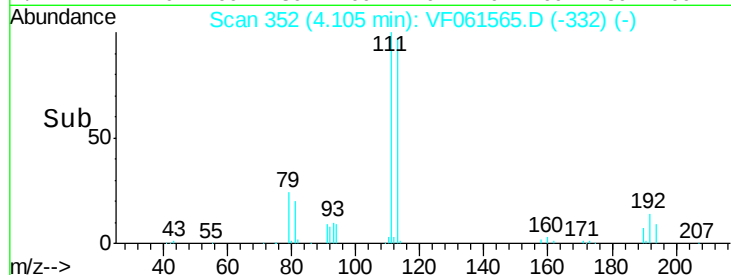
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Abundance Ion 113.00 (112.70 to 113.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 192.00 (191.70 to 192.70): V



#50

Toluene-d8

Concen: 32.754 ug/l

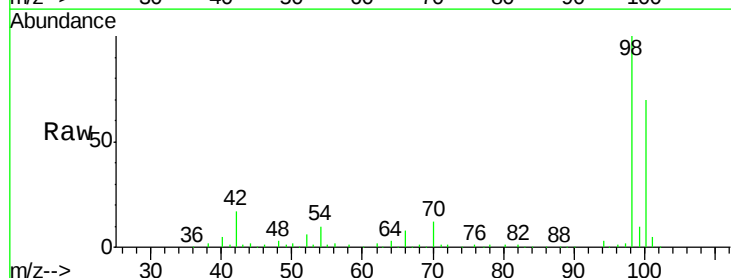
RT: 7.55 min Scan# 701

Delta R.T. 0.00 min

Lab File: VF061565.D

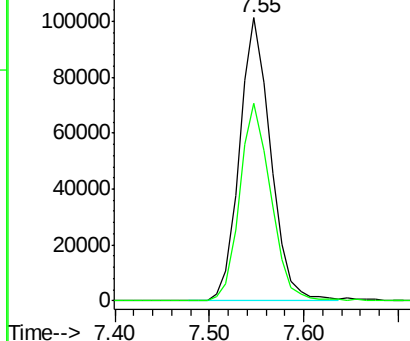
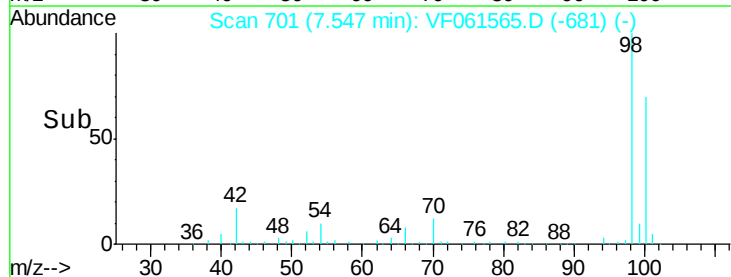
Acq: 8 Feb 2019 18:45

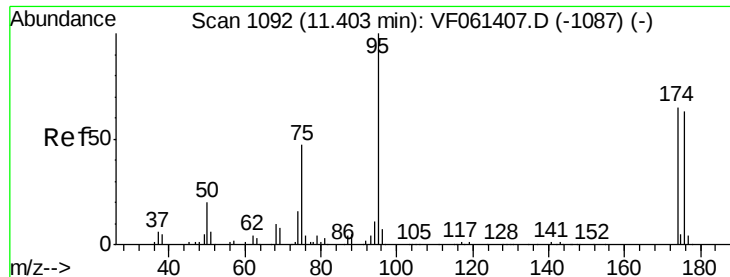
Tgt Ion	Ion	Ratio	Resp	Lower	Upper
98	100				
100	69.8	55.6	83.4		



Abundance Ion 98.00 (97.70 to 98.70): VF0

Ion 100.00 (99.70 to 100.70): VF





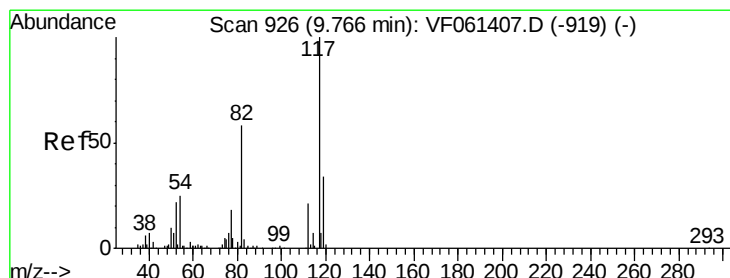
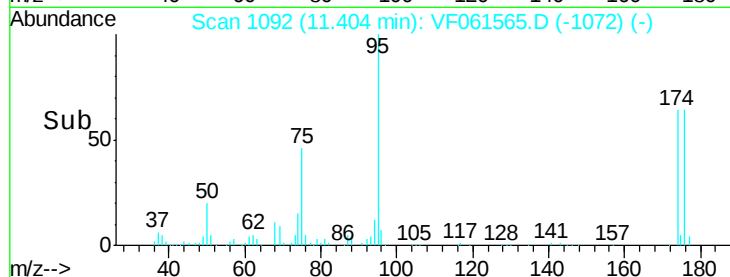
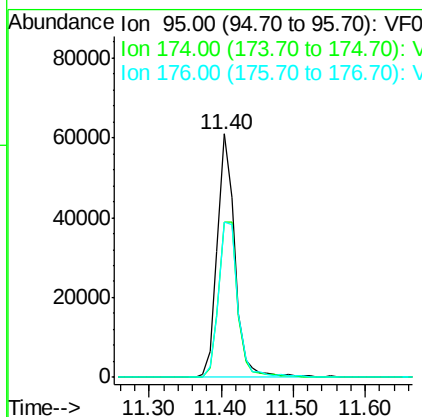
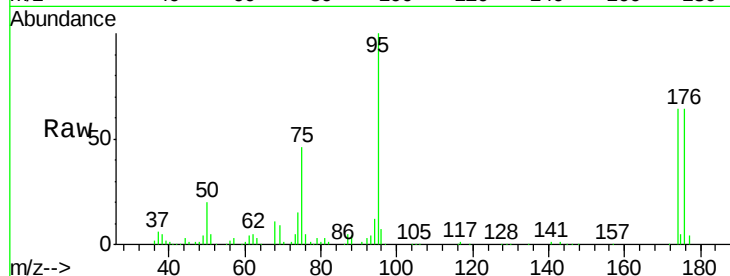
#62
4-Bromofluorobenzene
Concen: 31.071 ug/l
RT: 11.40 min Scan# 1092
Delta R.T. 0.00 min
Lab File: VF061565.D
Acq: 8 Feb 2019 18:45

Instrument :
MSVOA_F
ClientSampled :
VOC-12

Tot Ion	Ratio	Lower	Upper
95	100		
174	64.0	0.0	130.4
176	63.7	0.0	126.2

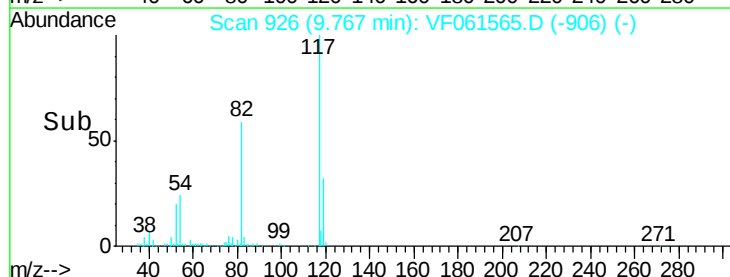
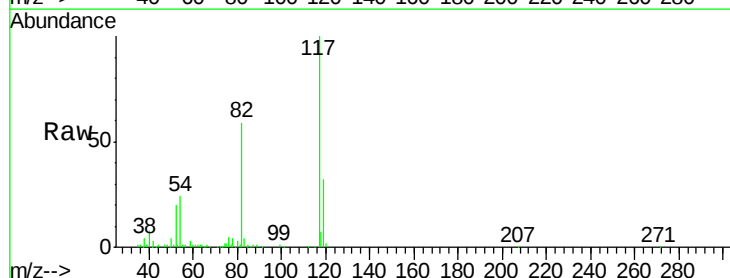
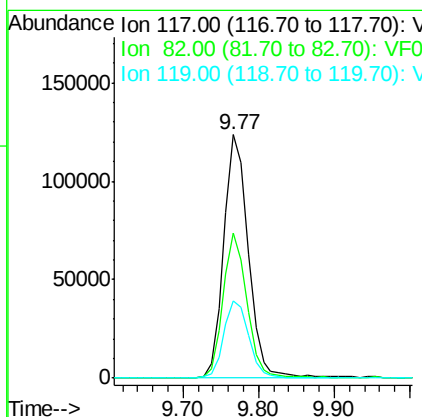
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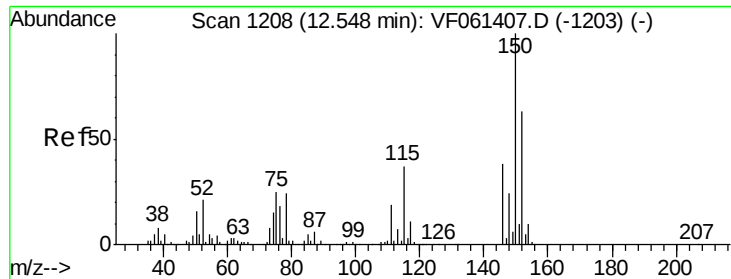
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#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.77 min Scan# 926
Delta R.T. 0.00 min
Lab File: VF061565.D
Acq: 8 Feb 2019 18:45

Tgt Ion	Ratio	Lower	Upper
117	100		
82	59.3	46.4	69.6
119	31.8	27.2	40.8





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.55 min Scan# 1208

Delta R.T. 0.00 min

Lab File: VF061565.D

Acq: 8 Feb 2019 18:45

Instrument :

MSVOA_F

ClientSampleId :

VOC-12

Tot Ion:152 Resp: 110032
Ion Ratio Lower Upper

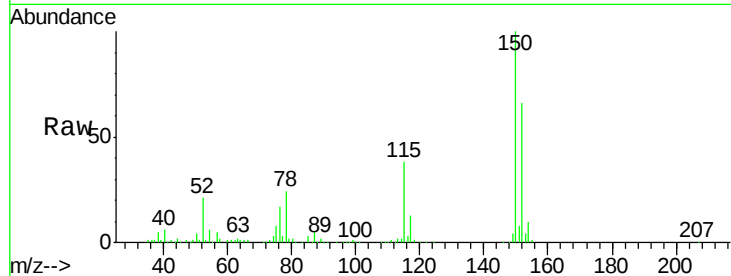
152 100

115 57.2 30.0 90.0

150 151.7 0.0 321.4

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

