

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF032219\
 Data File : VF062106.D
 Acq On : 23 Mar 2019 4:53
 Operator : VA/AP
 Sample : K2058-07
 Misc : 6.70g/5mL/MSVOA-F/SOIL
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 S3B(19)

Manual Integrations
 APPROVED

MMDadoda
 3/27/2019 11:57:30 AM

Quant Time: Mar 23 07:04:34 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F032219S.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 23 01:16:37 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.89	168	224554	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	5.61	114	366707	50.00	ug/l	-0.02
63) Chlorobenzene-d5	9.79	117	312906	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	12.56	152	169816	50.00	ug/l	-0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.86	65	85477	51.18	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	102.36%	
35) Dibromofluoromethane	4.13	113	120421	48.54	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	97.08%	
50) Toluene-d8	7.57	98	332615	44.92	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	89.84%	
62) 4-Bromofluorobenzene	11.42	95	135868	47.53	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	95.06%	
Target Compounds						
16) Acetone	2.25	43	20188	57.429	ug/l #	84
20) Methylene Chloride	2.27	84	101205m	47.738	ug/l	

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

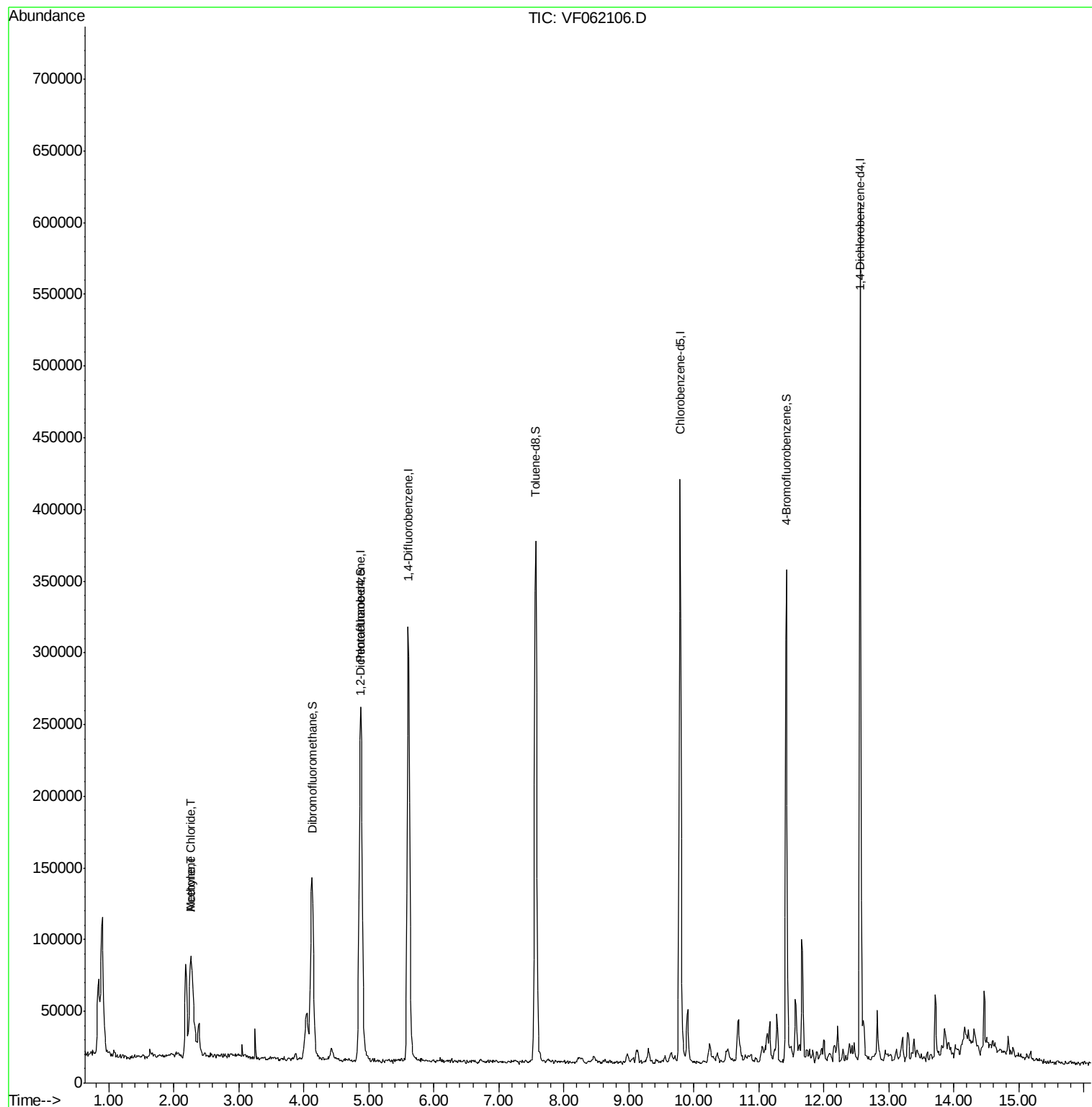
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF032219\
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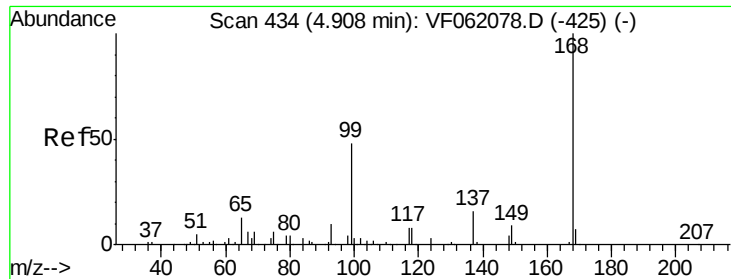
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Quant Title : SW846 8260
QLast Update : Sat Mar 23 01:16:37 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.89 min Scan# 432

Delta R.T. -0.02 min

Lab File: VF062106.D

Acq: 23 Mar 2019 4:53

Instrument :

MSVOA_F

ClientSampleId :

S3B(19)

Tot Ion:168 Resp: 224554

Ion Ratio Lower Upper

168 100

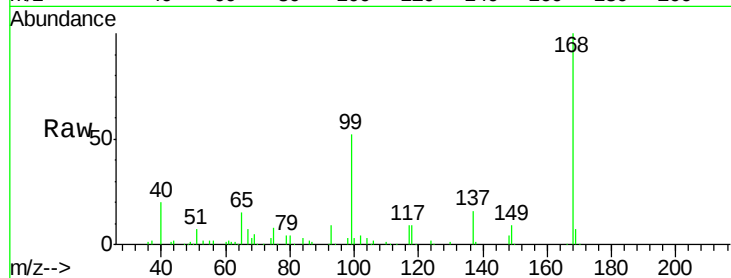
99 52.5 38.2 57.4

Manual Integrations

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Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

4.89

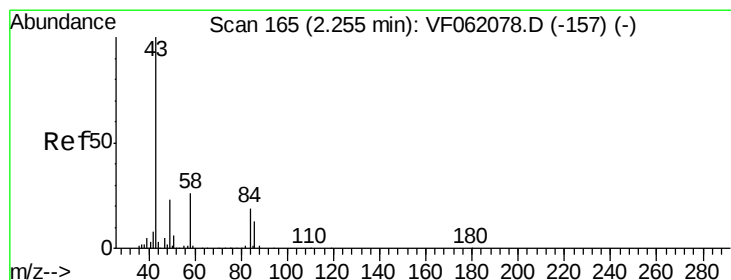
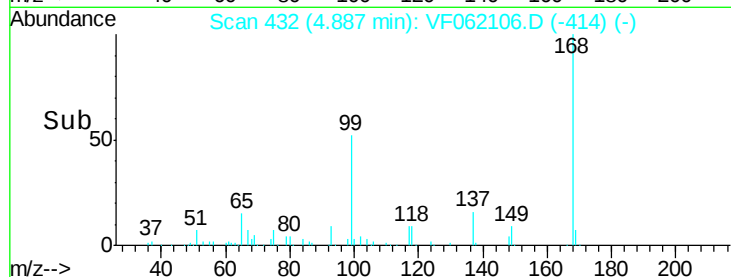
60000

40000

20000

0

Time-->



#16

Acetone

Concen: 57.429 ug/l

RT: 2.25 min Scan# 165

Delta R.T. -0.00 min

Lab File: VF062106.D

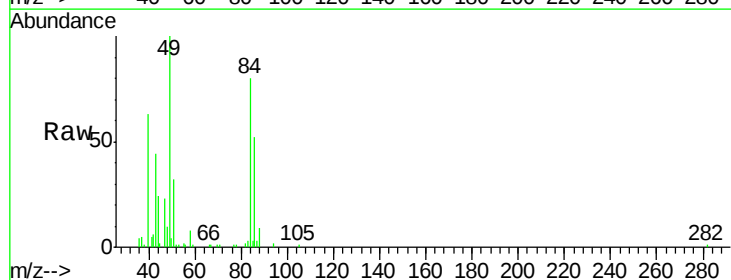
Acq: 23 Mar 2019 4:53

Tgt Ion: 43 Resp: 20188

Ion Ratio Lower Upper

43 100

58 17.8 20.8 31.2#



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0

2.25

8000

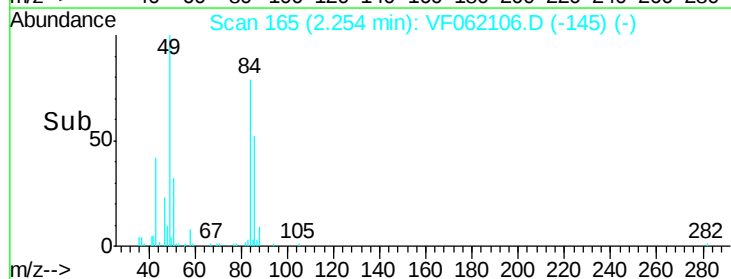
6000

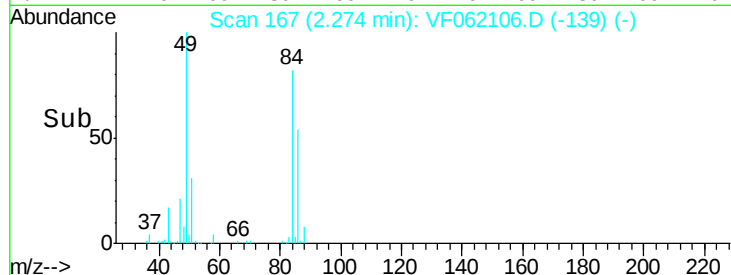
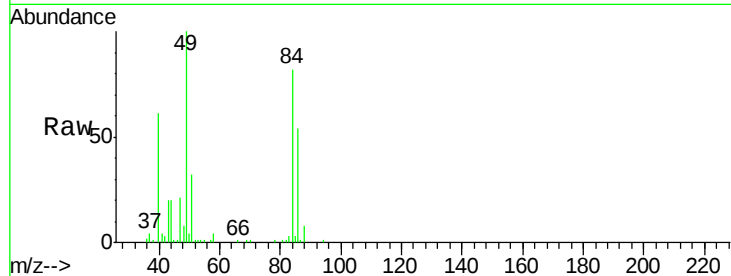
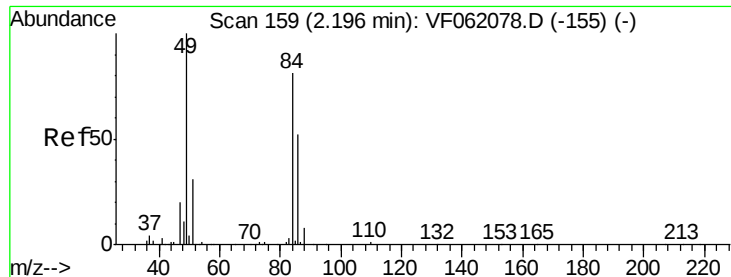
4000

2000

0

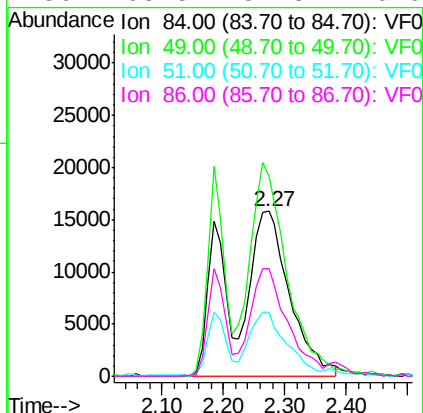
Time-->





#20
Methvlene Chloride
Concen: 47.738 ug/l m
RT: 2.27 min Scan# 167
Delta R.T. 0.08 min
Lab File: VF062106.D
Acq: 23 Mar 2019 4:53

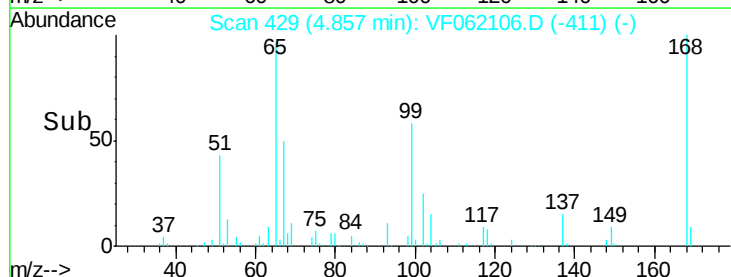
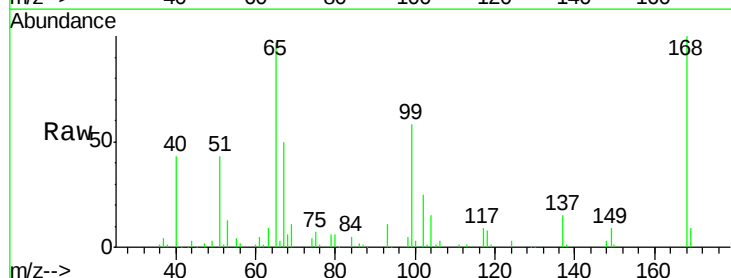
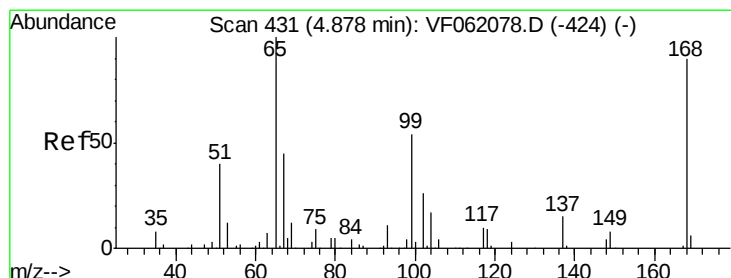
Tot Ion	Ion	Ratio	Lower	Upper
84	100			
49	121.3	100.4	150.6	
51	38.5	31.0	46.6	
86	65.5	51.3	76.9	



Instrument :
MSVOA_F
ClientSampleId :
S3B(19)

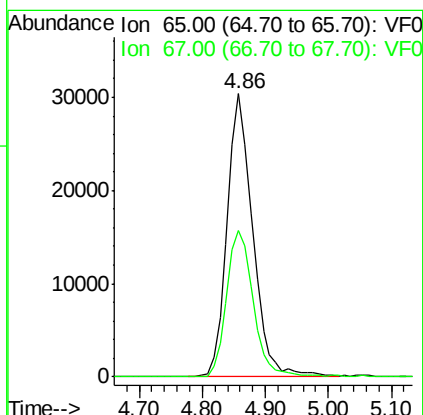
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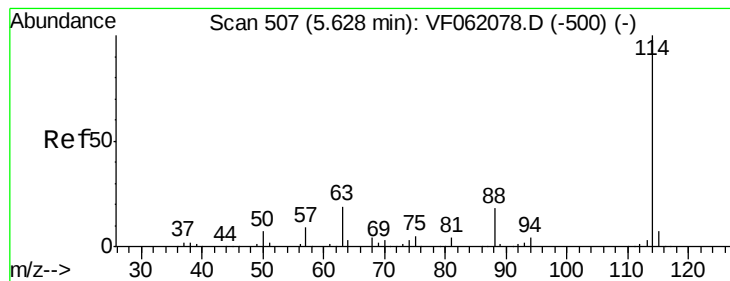
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#33
1,2-Dichloroethane-d4
Concen: 51.176 ug/l
RT: 4.86 min Scan# 429
Delta R.T. -0.02 min
Lab File: VF062106.D
Acq: 23 Mar 2019 4:53

Tgt Ion	Ion	Ratio	Lower	Upper
65	100			
67	51.8	0.0	106.2	





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.61 min Scan# 505

Delta R.T. -0.02 min

Lab File: VF062106.D

Acq: 23 Mar 2019 4:53

Instrument :

MSVOA_F

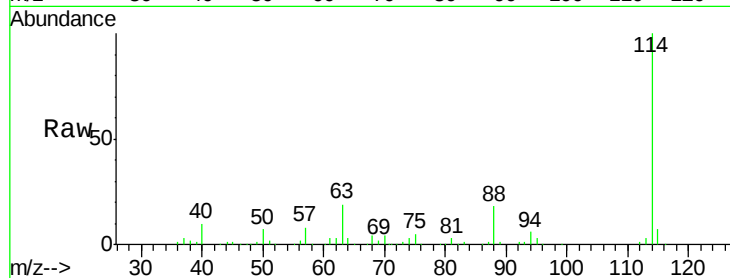
ClientSampleId :

S3B(19)

Tot Ion:	114	Resp:	366707
Ion Ratio		Lower	Upper
114	100		
63	18.9	0.0	37.8
88	18.1	0.0	36.4

Manual Integrations
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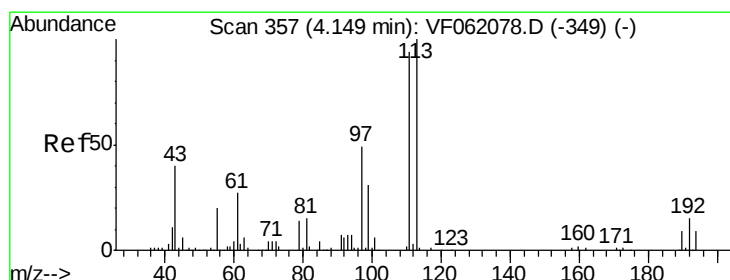
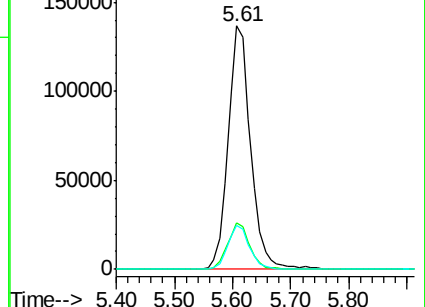
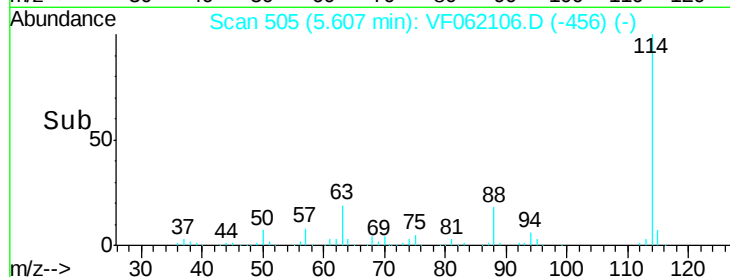
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Abundance Ion 114.00 (113.70 to 114.70): V

Ion 63.00 (62.70 to 63.70): VF0

Ion 88.00 (87.70 to 88.70): VF0



#35

Dibromofluoromethane

Concen: 48.545 ug/l

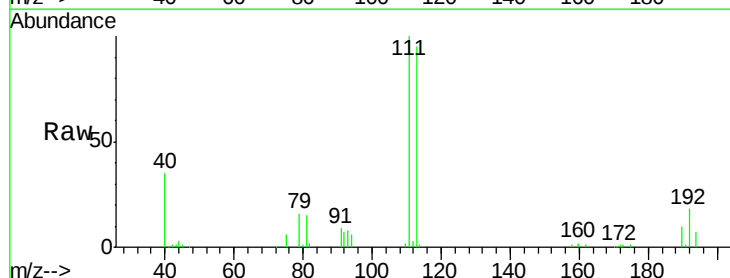
RT: 4.13 min Scan# 355

Delta R.T. -0.02 min

Lab File: VF062106.D

Acq: 23 Mar 2019 4:53

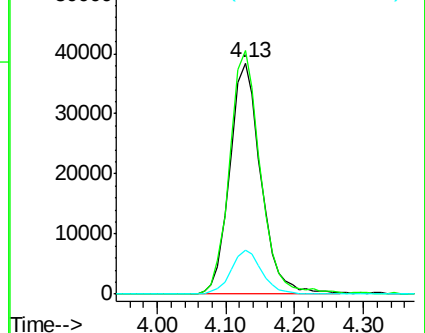
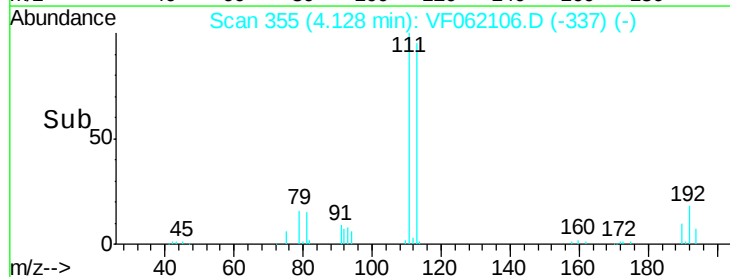
Tgt Ion:	113	Resp:	120421
Ion Ratio		Lower	Upper
113	100		
111	105.3	75.4	113.0
192	19.2	12.3	18.5#

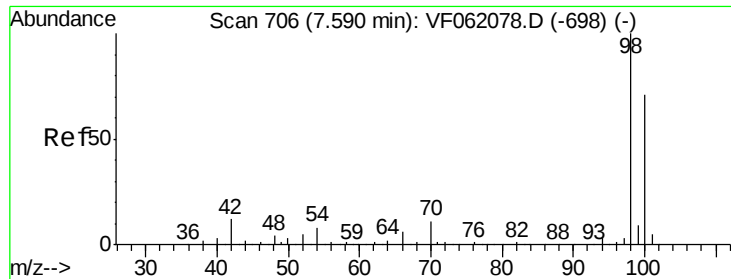


Abundance Ion 113.00 (112.70 to 113.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 192.00 (191.70 to 192.70): V





#50

Toluene-d8

Concen: 44.919 ug/l

RT: 7.57 min Scan# 704

Delta R.T. -0.02 min

Lab File: VF062106.D

Acq: 23 Mar 2019 4:53

Instrument :

MSVOA_F

ClientSampleId :

S3B(19)

Tot Ion: 98 Resp: 332615

Ion Ratio Lower Upper

98 100

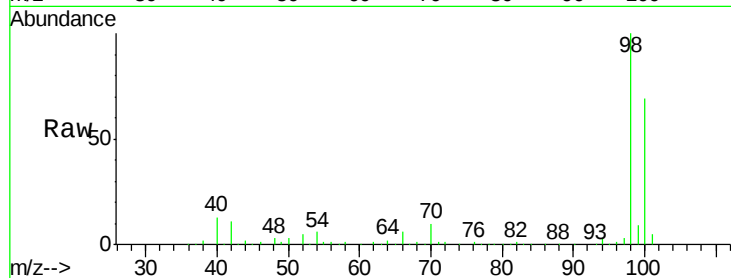
100 69.3 57.0 85.6

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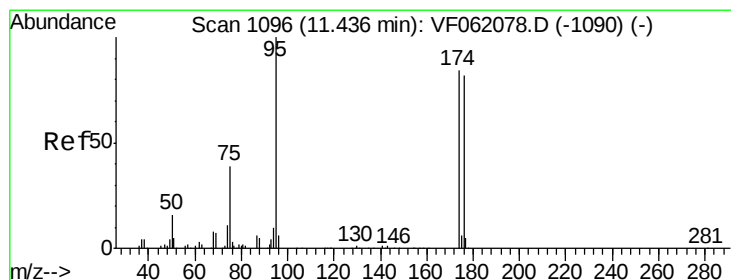
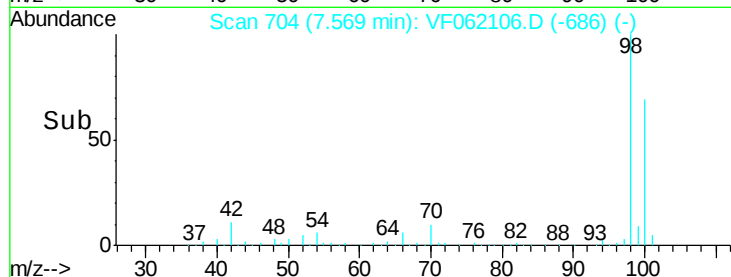
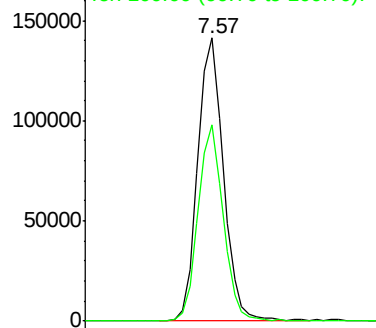
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Abundance Ion 98.00 (97.70 to 98.70): VF0

Ion 100.00 (99.70 to 100.70): VF



#62

4-Bromofluorobenzene

Concen: 47.529 ug/l

RT: 11.42 min Scan# 1095

Delta R.T. -0.01 min

Lab File: VF062106.D

Acq: 23 Mar 2019 4:53

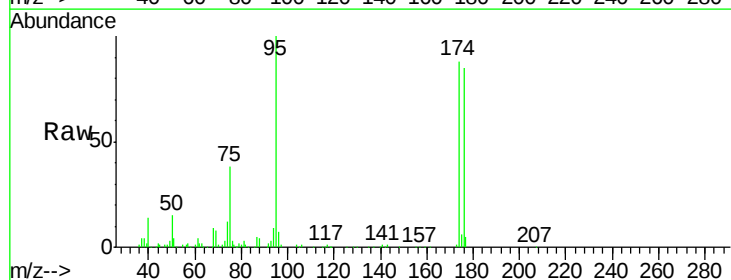
Tgt Ion: 95 Resp: 135868

Ion Ratio Lower Upper

95 100

174 88.0 0.0 168.2

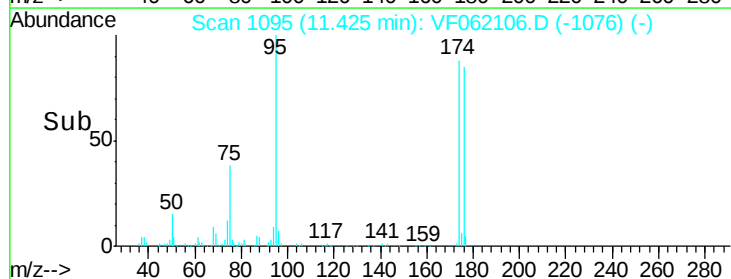
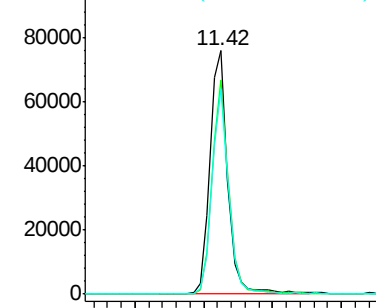
176 84.5 0.0 164.2

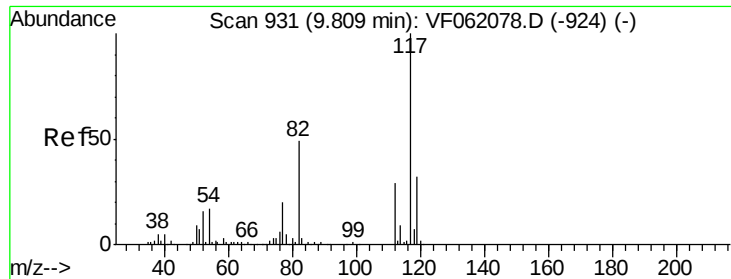


Abundance Ion 95.00 (94.70 to 95.70): VF0

Ion 174.00 (173.70 to 174.70): V

Ion 176.00 (175.70 to 176.70): V





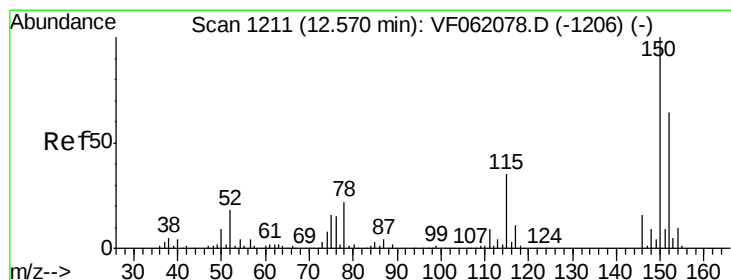
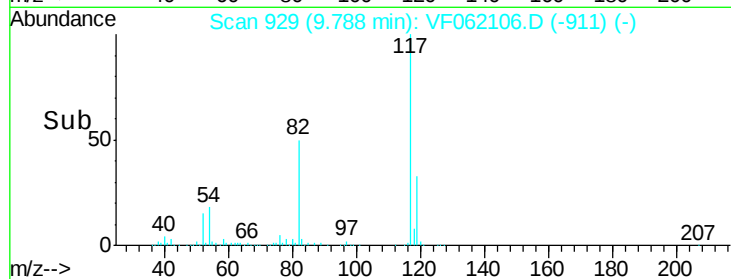
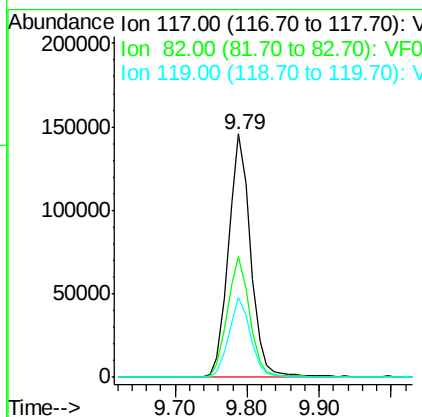
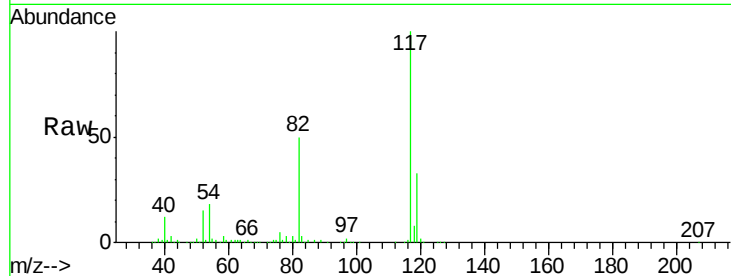
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.79 min Scan# 929
Delta R.T. -0.02 min
Lab File: VF062106.D
Acq: 23 Mar 2019 4:53

Instrument :
MSVOA_F
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S3B(19)

Tot Ion	Ratio	Resp	Lower	Upper
117	100	312906		
82	49.6		39.2	58.8
119	32.6		25.4	38.2

Manual Integrations
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.56 min Scan# 1210
Delta R.T. -0.01 min
Lab File: VF062106.D
Acq: 23 Mar 2019 4:53

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	169816		
115	52.7		27.7	83.1
150	154.8		0.0	313.2

