

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF011719\
 Data File : VF061446.D
 Acq On : 17 Jan 2019 15:55
 Operator : VA/AP
 Sample : K1157-14RE
 Misc : 5.08g/5mL/MSVOA-F/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 WC-07-011519RE

Manual Integrations
 APPROVED

MMDadoda
 1/18/2019 3:42:33 PM

Quant Time: Jan 18 04:07:41 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	4.85	168	163198	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.58	114	274089	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.76	117	198833	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.54	152	51575	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.82	65	119656	59.39	ug/l	0.00
Spiked Amount 50.000			Recovery	=	118.78%	
35) Dibromofluoromethane	4.09	113	139658	64.57	ug/l	0.00
Spiked Amount 50.000			Recovery	=	129.14%	
50) Toluene-d8	7.54	98	309555	52.24	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.48%	
62) 4-Bromofluorobenzene	11.39	95	97942	35.38	ug/l	0.00
Spiked Amount 50.000			Recovery	=	70.76%	
Target Compounds						
20) Methylene Chloride	2.18	84	12685m	7.760	ug/l	Qvalue

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

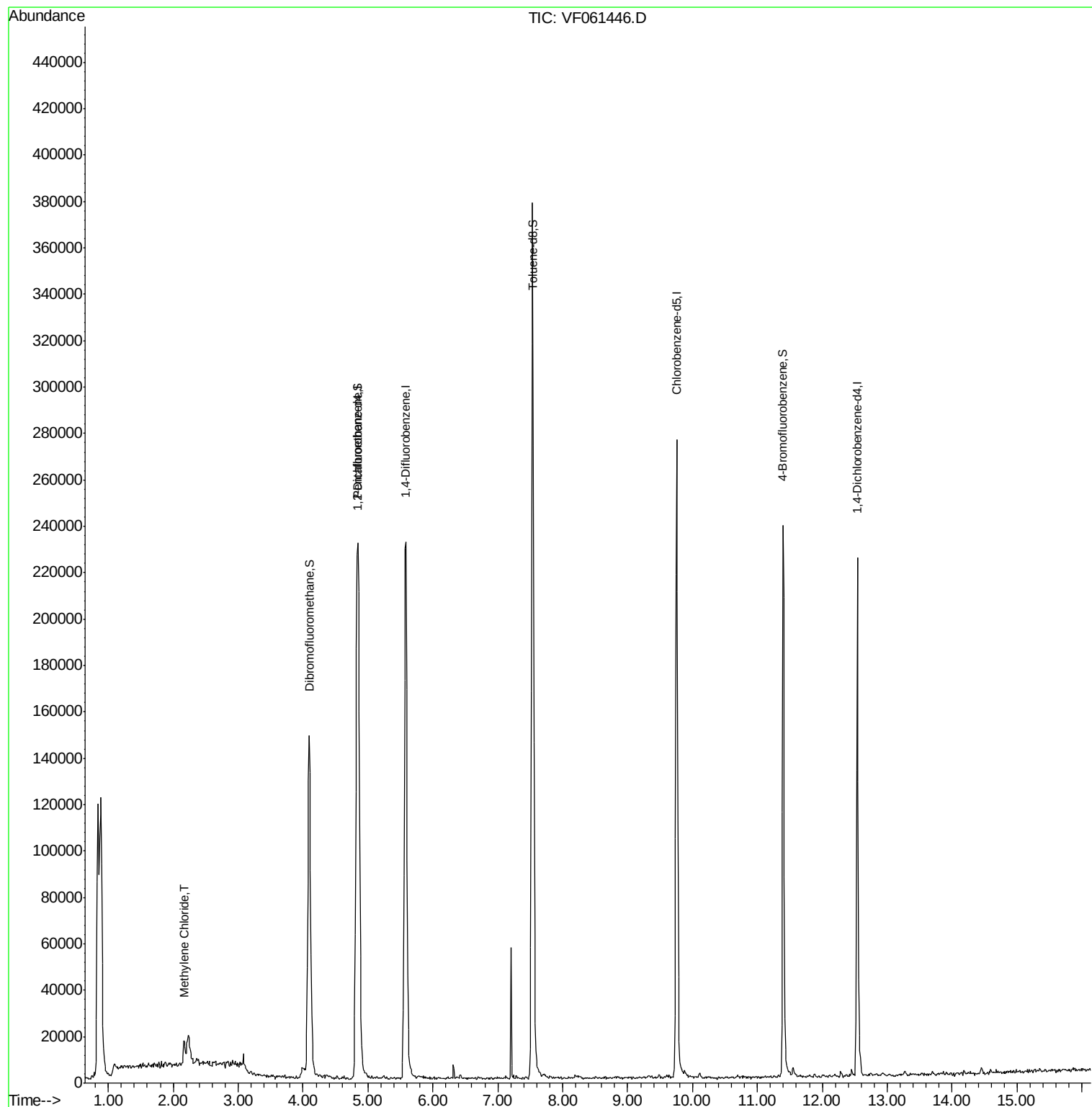
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF011719\
Data File : VF061446.D
Acq On : 17 Jan 2019 15:55
Operator : VA/AP
Sample : K1157-14RE
Misc : 5.08g/5mL/MSVOA-F/SOIL
ALS Vial : 12 Sample Multiplier: 1

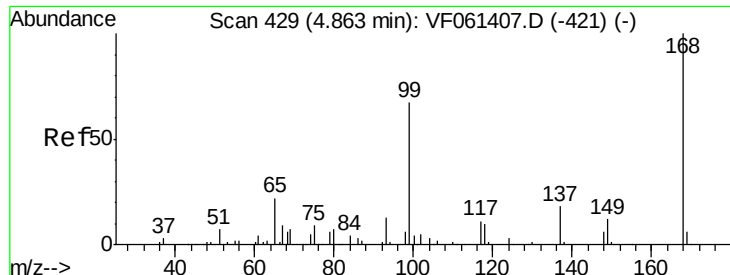
Instrument :
MSVOA_F
ClientSampleId :
WC-07-011519RE

Manual Integrations
APPROVED

MMDadoda
1/18/2019 3:42:33 PM

Quant Time: Jan 18 04:07:41 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: 4.85 min Scan# 428

Delta R.T. -0.01 min

Lab File: VF061446.D

Acq: 17 Jan 2019 15:55

Instrument :

MSVOA_F

ClientSampleId :

WC-07-011519RE

Tot Ion: 168 Resp: 163198

Ion Ratio Lower Upper

168 100

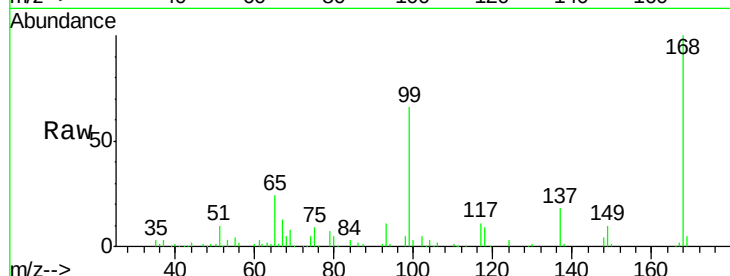
99 66.4 53.5 80.3

Manual Integrations

APPROVED

MMDadoda

1/18/2019 3:42:33 PM



Abundance Ion 168.00 (167.70 to 168.70): V

Ion 99.00 (98.70 to 99.70): VF0

60000

50000

40000

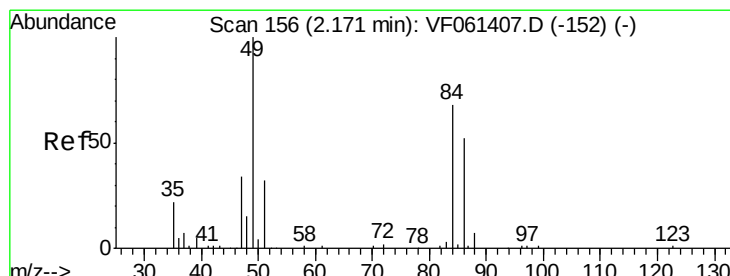
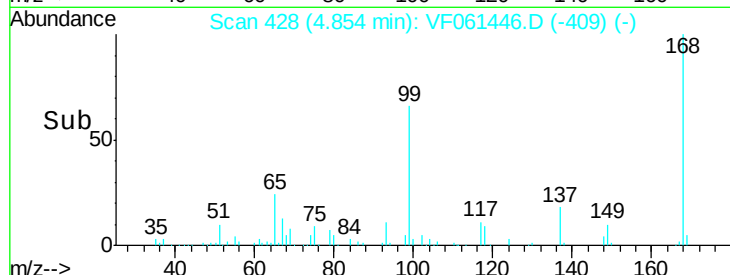
30000

20000

10000

0

Time-->



#20

Methylene Chloride

Concen: 7.760 ug/l m

RT: 2.18 min Scan# 157

Delta R.T. 0.01 min

Lab File: VF061446.D

Acq: 17 Jan 2019 15:55

Tgt Ion: 84 Resp: 12685

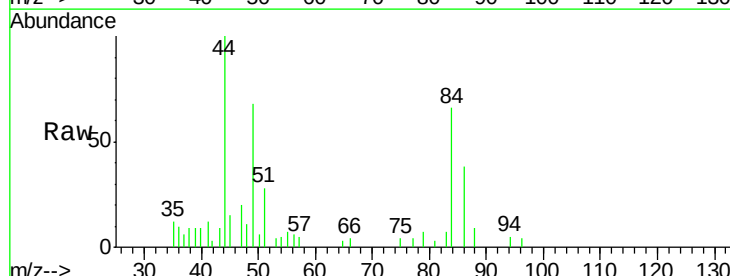
Ion Ratio Lower Upper

84 100

49 102.2 120.0 180.0#

51 41.6 38.6 58.0

86 57.5 61.0 91.6#



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

5000

4000

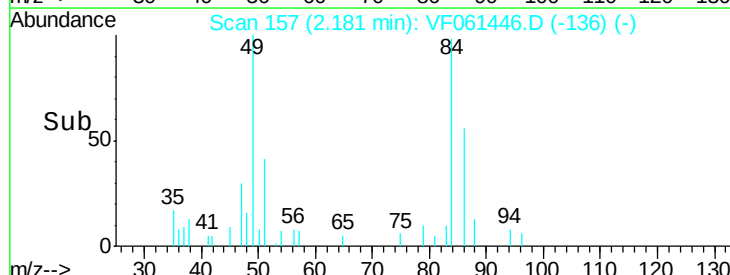
3000

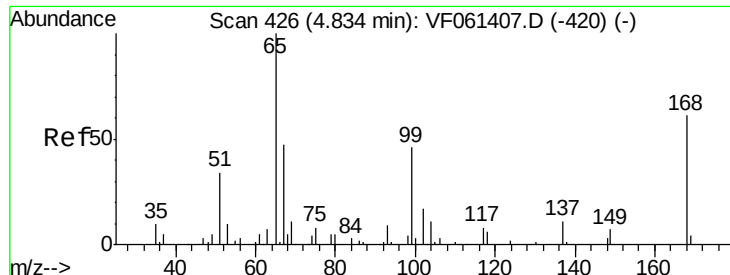
2000

1000

0

Time-->





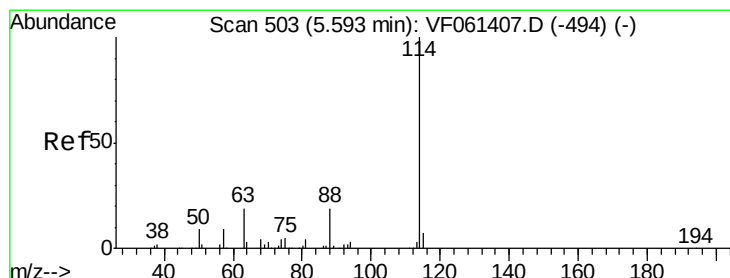
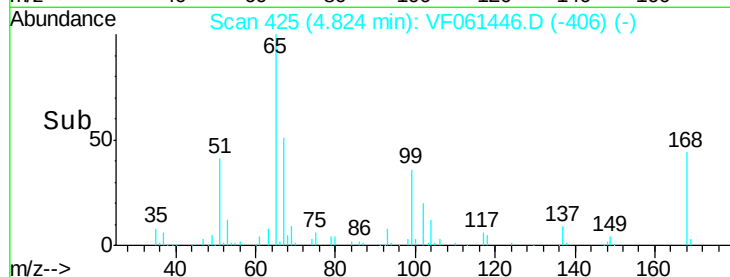
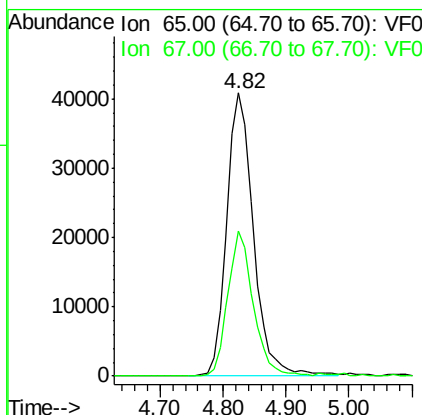
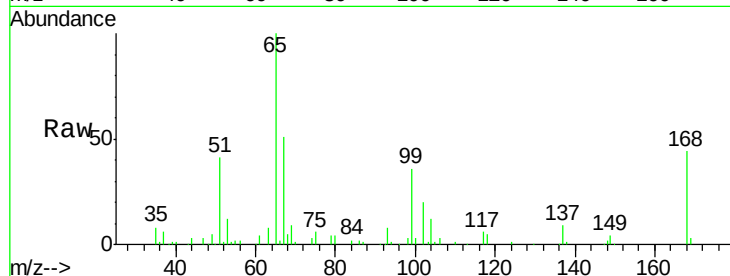
#33
 1,2-Dichloroethane-d4
 Concen: 59.386 ug/l
 RT: 4.82 min Scan# 425
 Delta R.T. -0.01 min
 Lab File: VF061446.D
 Acq: 17 Jan 2019 15:55

Instrument :
 MSVOA_F
 ClientSampleId :
 WC-07-011519RE

Tot Ion	Ratio	Resp	Lower	Upper
65	100	119656		
67	51.3	0.0	99.8	

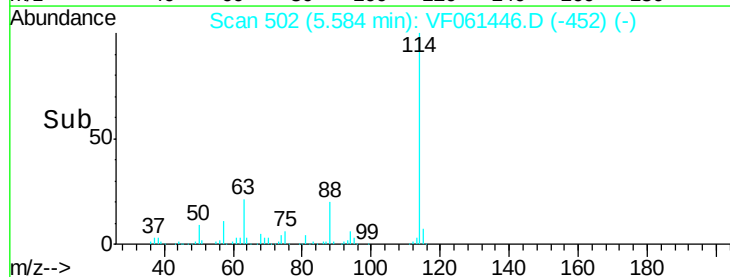
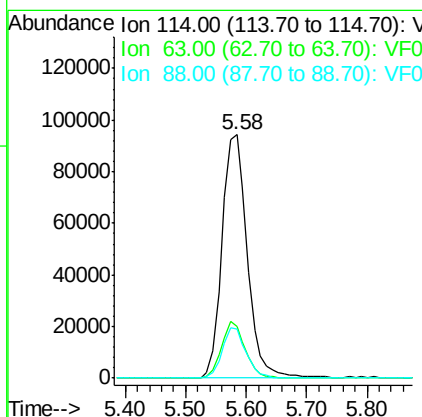
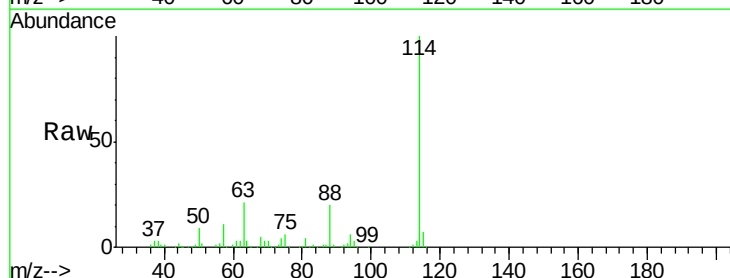
Manual Integrations
 APPROVED

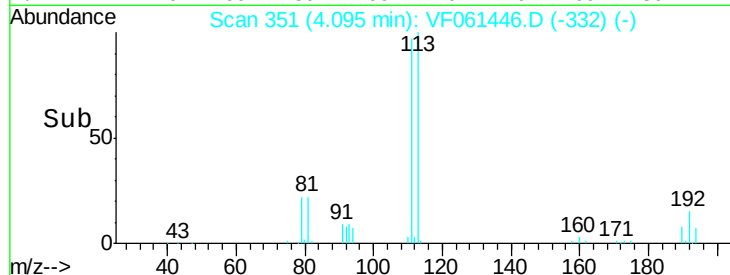
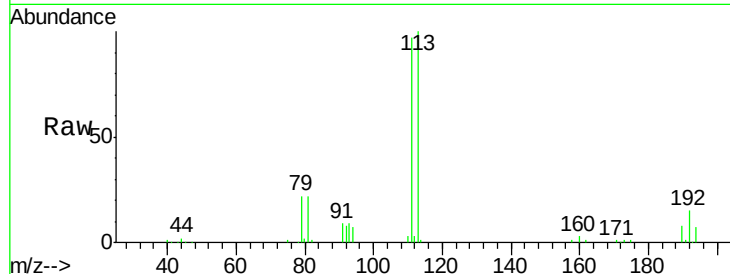
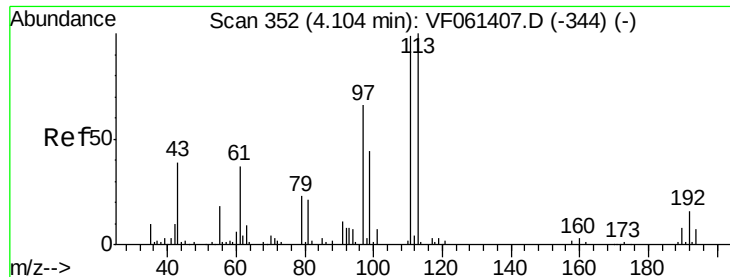
MMDadoda
 1/18/2019 3:42:33 PM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.58 min Scan# 502
 Delta R.T. -0.01 min
 Lab File: VF061446.D
 Acq: 17 Jan 2019 15:55

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	274089		
63	21.3	0.0	39.0	
88	20.0	0.0	37.4	





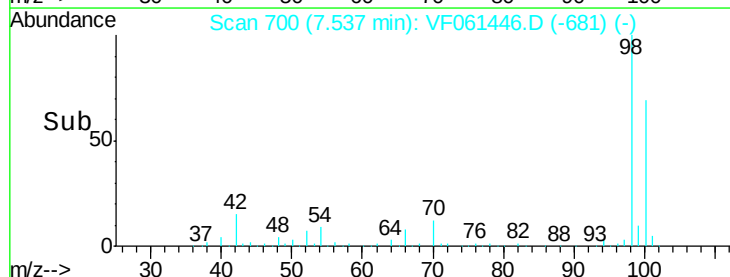
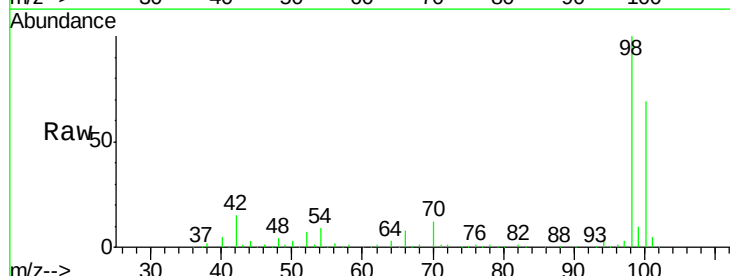
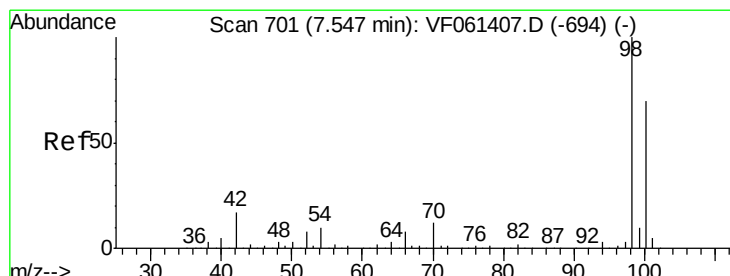
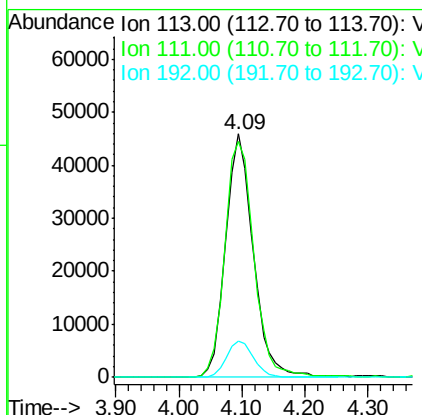
#35
Dibromofluoromethane
Concen: 64.573 ug/l
RT: 4.09 min Scan# 351
Delta R.T. -0.01 min
Lab File: VF061446.D
Acq: 17 Jan 2019 15:55

Tot Ion	Ratio	Resp	Lower	Upper
113	100	139658		
111	97.0		79.4	119.0
192	15.2		12.4	18.6

Instrument :
MSVOA_F
ClientSampleId :
WC-07-011519RE

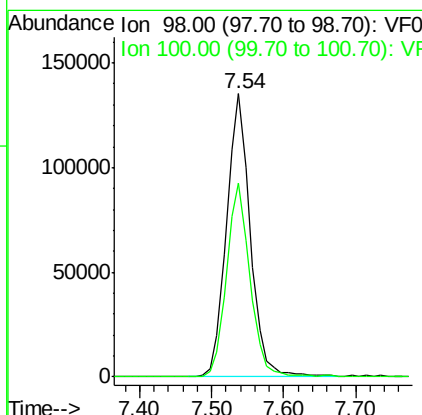
Manual Integrations
APPROVED

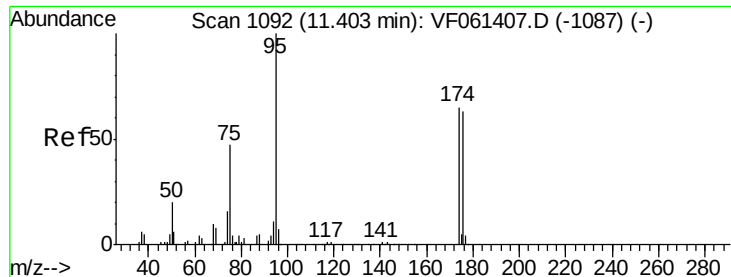
MMDadoda
1/18/2019 3:42:33 PM



#50
Toluene-d8
Concen: 52.240 ug/l
RT: 7.54 min Scan# 700
Delta R.T. -0.01 min
Lab File: VF061446.D
Acq: 17 Jan 2019 15:55

Tgt Ion	Ratio	Resp	Lower	Upper
98	100	309555		
100	68.5		55.6	83.4





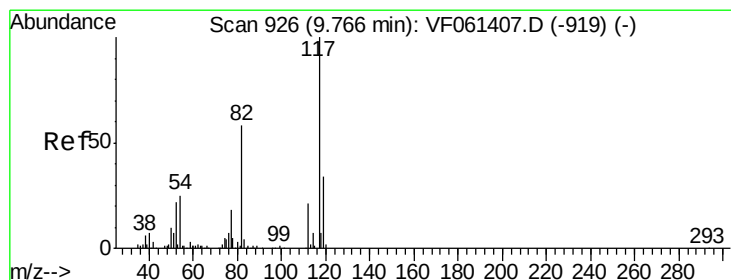
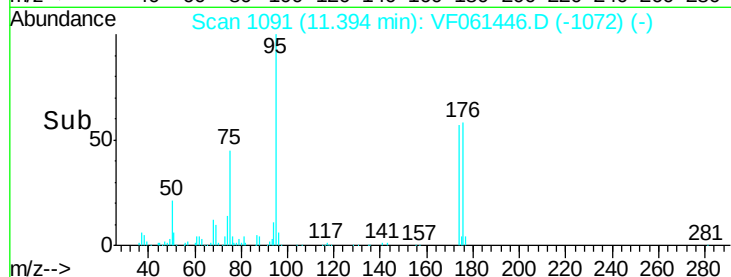
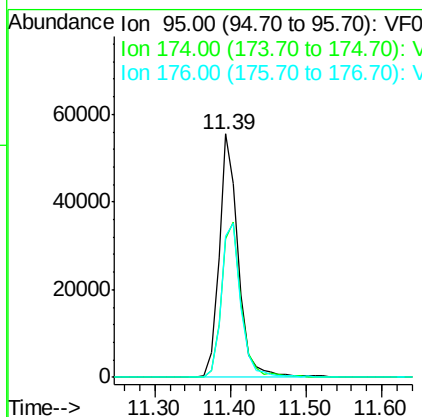
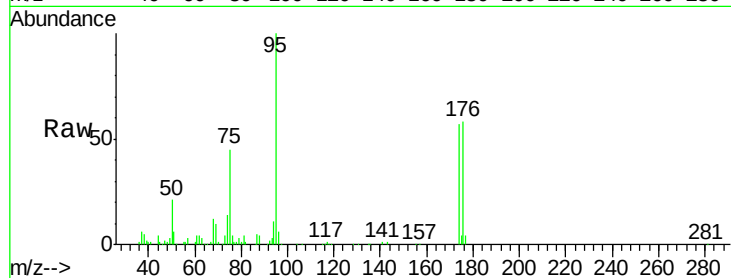
#62
4-Bromofluorobenzene
Concen: 35.375 ug/l
RT: 11.39 min Scan# 1091
Delta R.T. -0.01 min
Lab File: VF061446.D
Acq: 17 Jan 2019 15:55

Instrument :
MSVOA_F
ClientSampleId :
WC-07-011519RE

Tot Ion	Ratio	Lower	Upper
95	100		
174	57.0	0.0	130.4
176	58.0	0.0	126.2

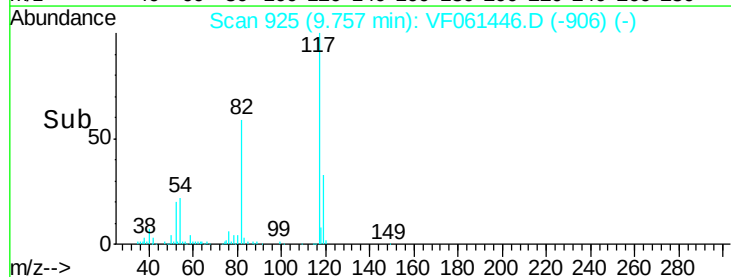
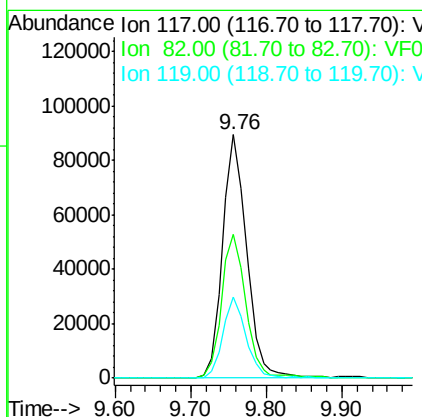
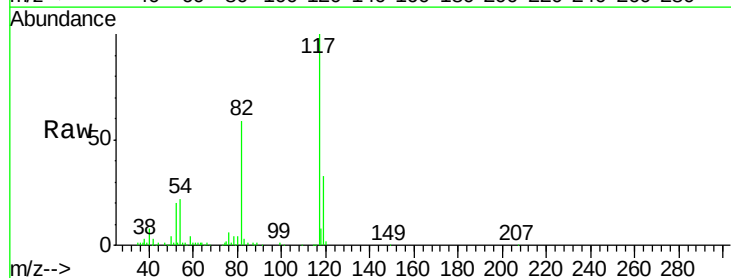
Manual Integrations
APPROVED

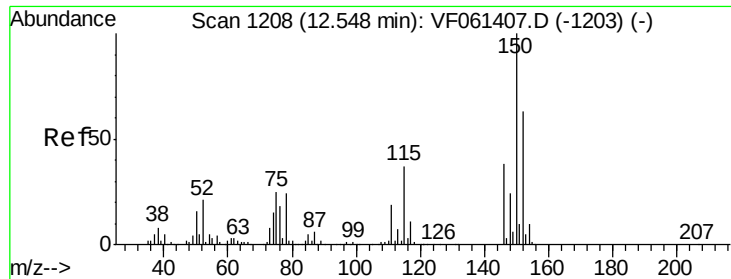
MMDadoda
1/18/2019 3:42:33 PM



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.76 min Scan# 925
Delta R.T. -0.01 min
Lab File: VF061446.D
Acq: 17 Jan 2019 15:55

Tgt Ion	Ratio	Lower	Upper
117	100		
82	59.0	46.4	69.6
119	33.4	27.2	40.8





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.54 min Scan# 1207

Delta R.T. -0.01 min

Lab File: VF061446.D

Acq: 17 Jan 2019 15:55

Instrument :

MSVOA_F

ClientSampleId :

WC-07-011519RE

Tot Ion:152 Resp: 51575

Ion Ratio Lower Upper

152 100

115 63.7 30.0 90.0

150 159.7 0.0 321.4

Manual Integrations

APPROVED

MMDadoda

1/18/2019 3:42:33 PM

