

Data Path : Z:\voasrv\HPCHEM1\MSVOA F\Data\VF011719\
 Data File : VF061445.D
 Acq On : 17 Jan 2019 15:26
 Operator : VA/AP
 Sample : K1157-12RE
 Misc : 5.05g/5mL/MSVOA-F/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 WC-06-011519RE

Manual Integrations
 APPROVED

MMDadoda
 1/28/2019 10:31:35 AM

Quant Time: Jan 18 04:05:45 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	170740	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.58	114	282984	50.00	ug/l	-0.01
63) Chlorobenzene-d5	9.76	117	205030	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.54	152	58271	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.83	65	131923	62.58	ug/l	0.00
Spiked Amount 50.000			Recovery	=	125.16%	
35) Dibromofluoromethane	4.10	113	146066	65.41	ug/l	0.00
Spiked Amount 50.000			Recovery	=	130.82%	
50) Toluene-d8	7.54	98	326732	53.41	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.82%	
62) 4-Bromofluorobenzene	11.40	95	99825	34.92	ug/l	0.00
Spiked Amount 50.000			Recovery	=	69.84%	
Target Compounds						
16) Acetone	2.23	43	29885	70.668	ug/l	98
20) Methylene Chloride	2.17	84	14025m	8.305	ug/l	
25) 2-Butanone	4.32	43	52202	74.230	ug/l	99

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

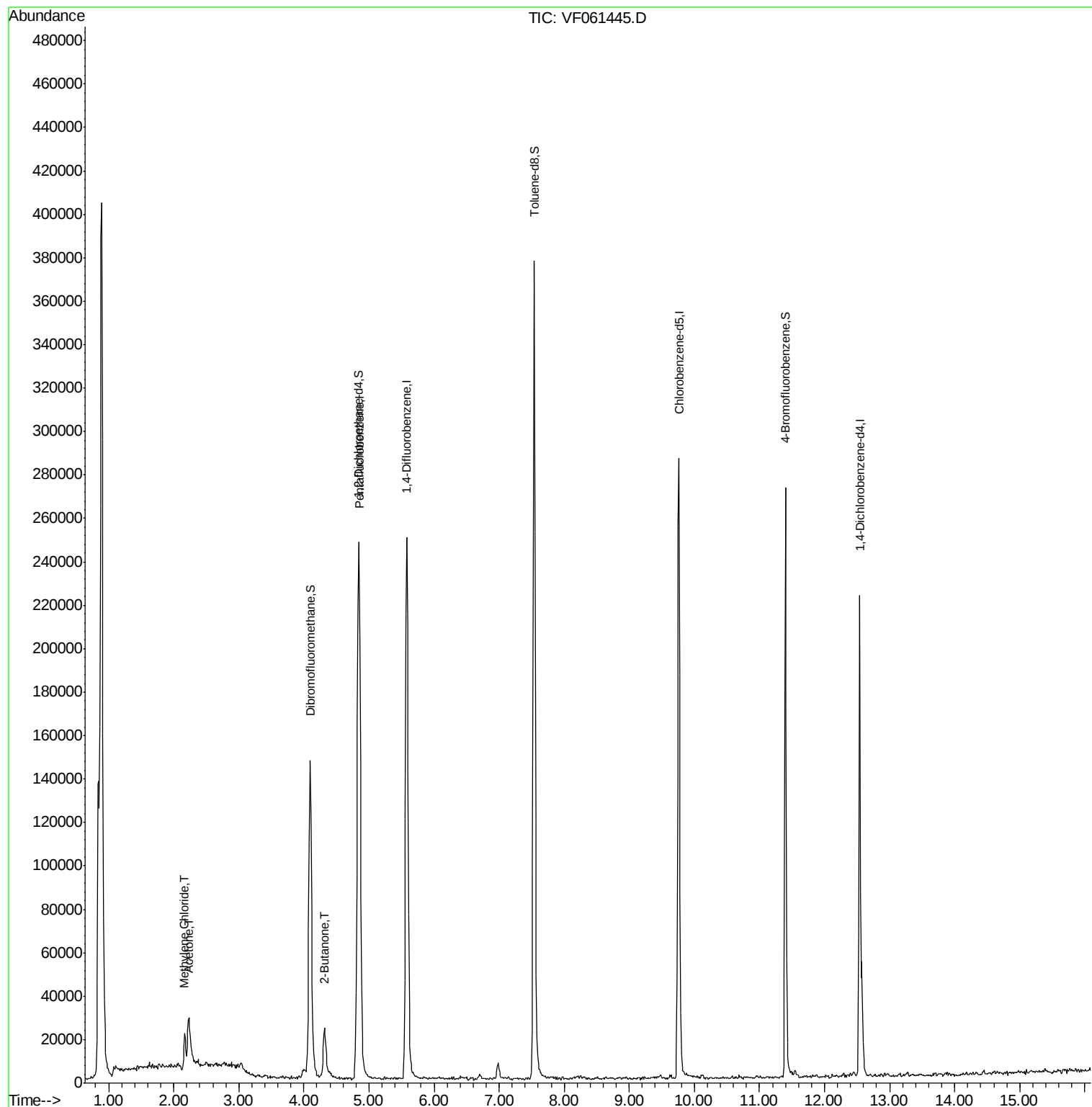
Data Path : Z:\voasrv\HPCHEM1\MSVOA F\Data\VF011719\
Data File : VF061445.D
Acq On : 17 Jan 2019 15:26
Operator : VA/AP
Sample : K1157-12RE
Misc : 5.05g/5mL/MSVOA-F/SOIL
ALS Vial : 11 Sample Multiplier: 1

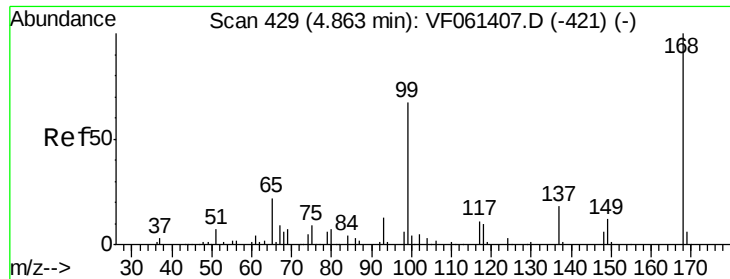
Instrument :
MSVOA_F
ClientSampleId :
WC-06-011519RE

Manual Integrations
APPROVED

MMDadoda
1/28/2019 10:31:35 AM

Quant Time: Jan 18 04:05:45 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





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.86 min Scan# 429

Delta R.T. -0.00 min

Lab File: VF061445.D

Acq: 17 Jan 2019 15:26

Instrument :

MSVOA_F

ClientSampleId :

WC-06-011519RE

Tot Ion:168 Resp: 170740

Ion Ratio Lower Upper

168 100

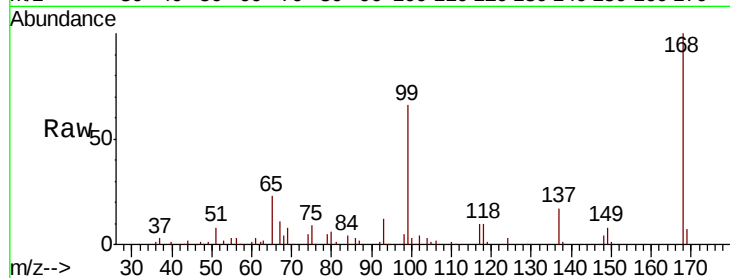
99 66.2 53.5 80.3

Manual Integrations

APPROVED

MMDadoda

1/28/2019 10:31:35 AM



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

4.86

60000

50000

40000

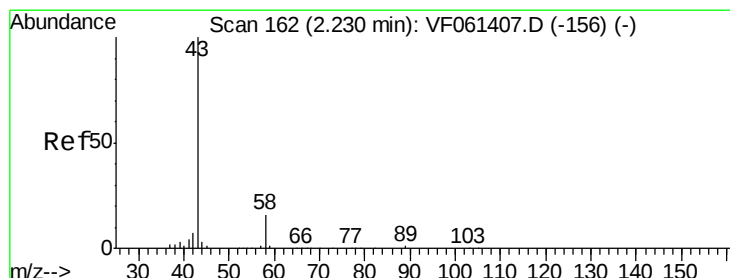
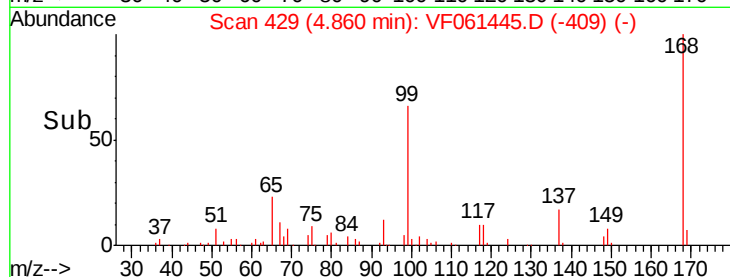
30000

20000

10000

0

Time-->



#16

Acetone

Concen: 70.668 ug/l

RT: 2.23 min Scan# 162

Delta R.T. -0.00 min

Lab File: VF061445.D

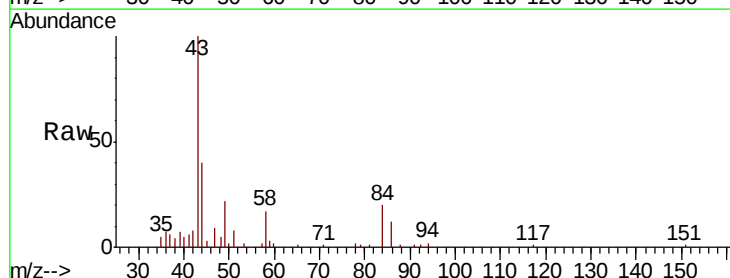
Acq: 17 Jan 2019 15:26

Tgt Ion: 43 Resp: 29885

Ion Ratio Lower Upper

43 100

58 17.4 13.3 19.9



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0

2.23

10000

8000

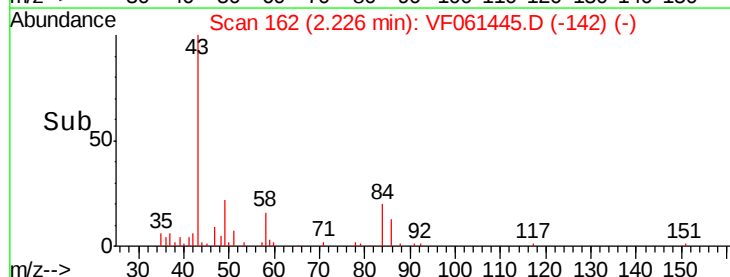
6000

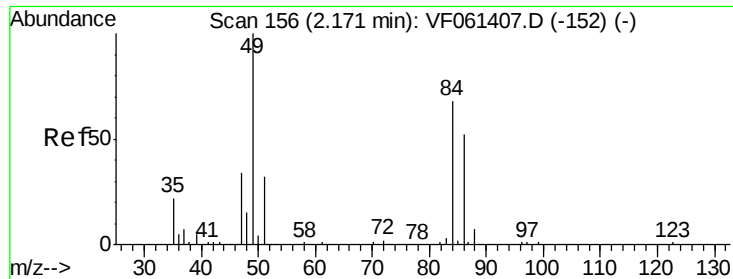
4000

2000

0

Time-->





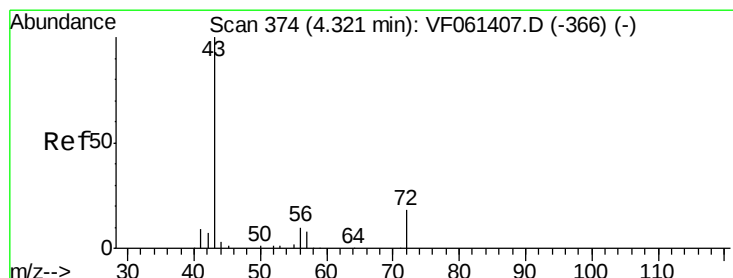
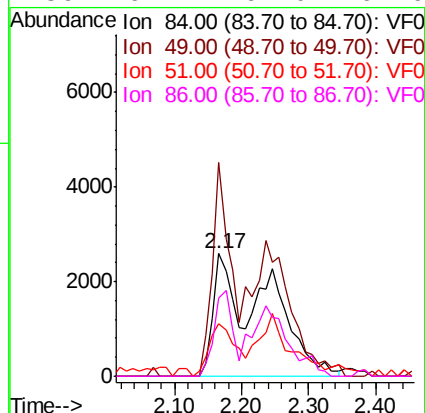
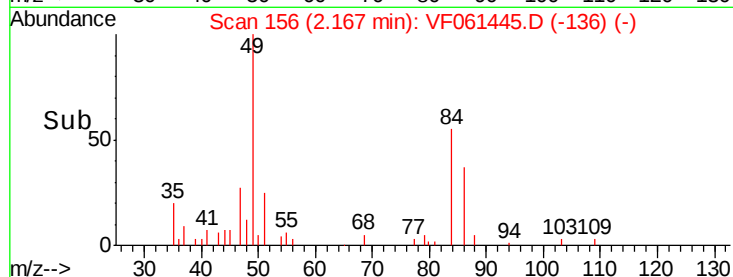
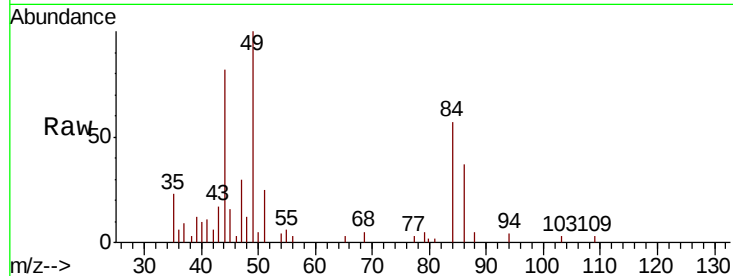
#20
Methvlene Chloride
Concen: 8.305 ug/l m
RT: 2.17 min Scan# 156
Delta R.T. -0.00 min
Lab File: VF061445.D
Acq: 17 Jan 2019 15:26

Instrument :
MSVOA_F
ClientSampleId :
WC-06-011519RE

Tot Ion:	84	Resp:	14025
Ion	Ratio	Lower	Upper
84	100		
49	174.5	120.0	180.0
51	43.0	38.6	58.0
86	64.2	61.0	91.6

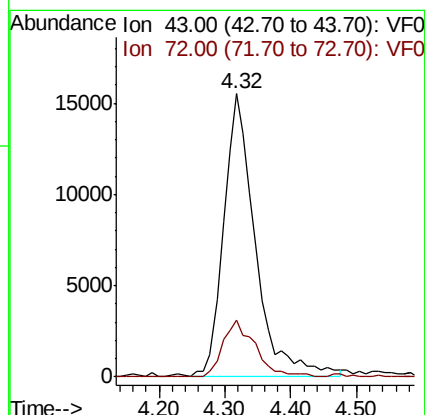
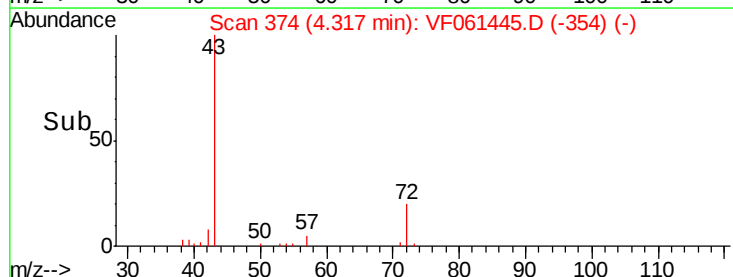
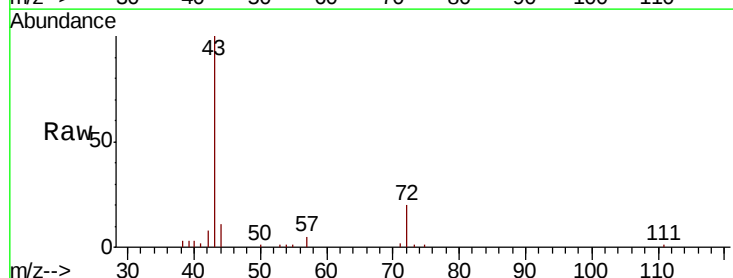
Manual Integrations
APPROVED

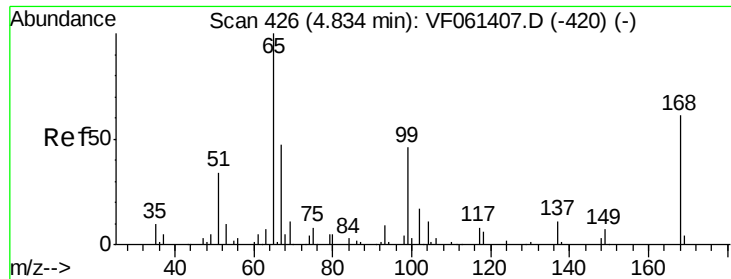
MMDadoda
1/28/2019 10:31:35 AM



#25
2-Butanone
Concen: 74.230 ug/l
RT: 4.32 min Scan# 374
Delta R.T. -0.00 min
Lab File: VF061445.D
Acq: 17 Jan 2019 15:26

Tgt Ion:	43	Resp:	52202
Ion	Ratio	Lower	Upper
43	100		
72	20.1	15.8	23.6





#33

1,2-Dichloroethane-d4

Concen: 62.582 ug/l

RT: 4.83 min Scan# 426

Delta R.T. -0.00 min

Lab File: VF061445.D

Acq: 17 Jan 2019 15:26

Tot Ion: 65 Resp: 131923

Ion Ratio Lower Upper

65 100

67 48.8 0.0 99.8

Instrument :

MSVOA_F

ClientSampleId :

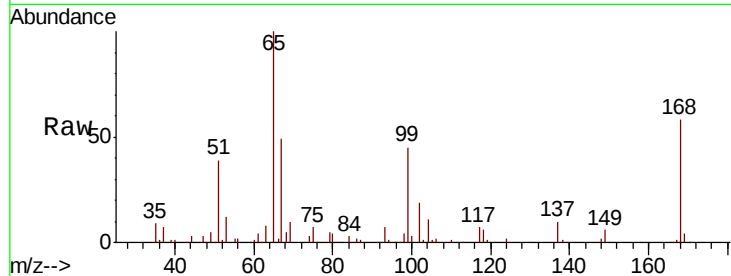
WC-06-011519RE

Manual Integrations

APPROVED

MMDadoda

1/28/2019 10:31:35 AM

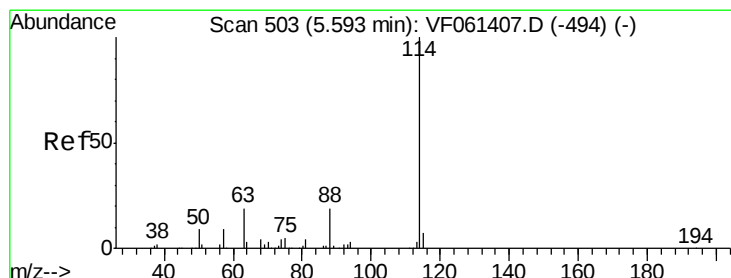
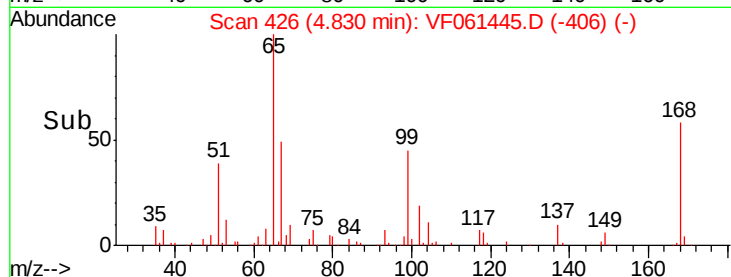


Abundance Ion 65.00 (64.70 to 65.70): VF0

Ion 67.00 (66.70 to 67.70): VF0

4.83

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.58 min Scan# 502

Delta R.T. -0.01 min

Lab File: VF061445.D

Acq: 17 Jan 2019 15:26

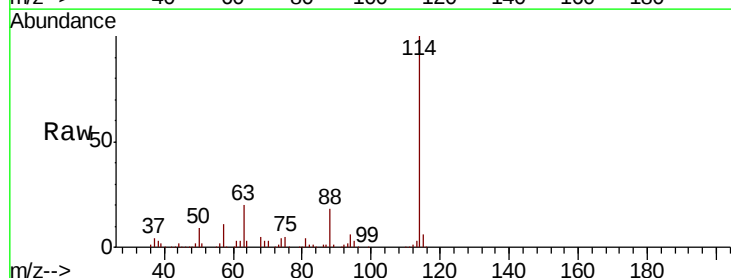
Tgt Ion: 114 Resp: 282984

Ion Ratio Lower Upper

114 100

63 20.1 0.0 39.0

88 18.0 0.0 37.4



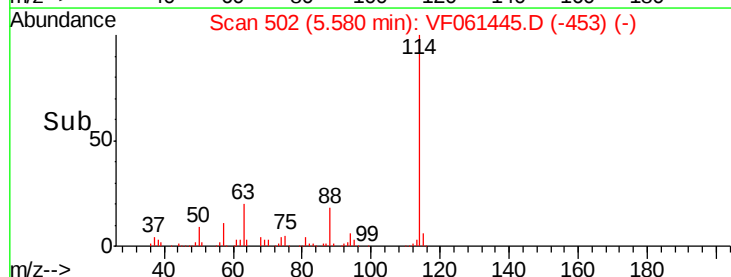
Abundance Ion 114.00 (113.70 to 114.70): V

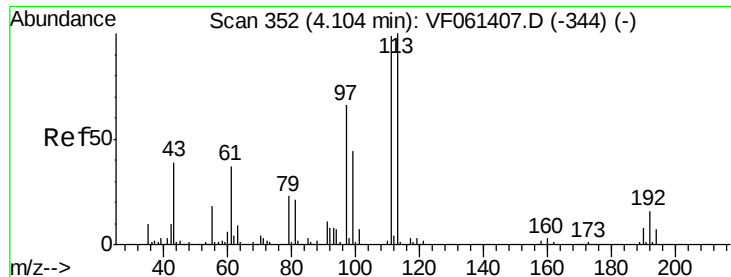
Ion 63.00 (62.70 to 63.70): VF0

Ion 88.00 (87.70 to 88.70): VF0

5.58

Time-->





#35

Dibromofluoromethane

Concen: 65.413 ug/l

RT: 4.10 min Scan# 352

Delta R.T. -0.00 min

Lab File: VF061445.D

Acq: 17 Jan 2019 15:26

Instrument :

MSVOA_F

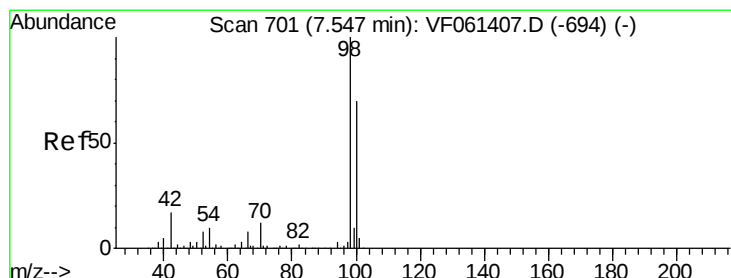
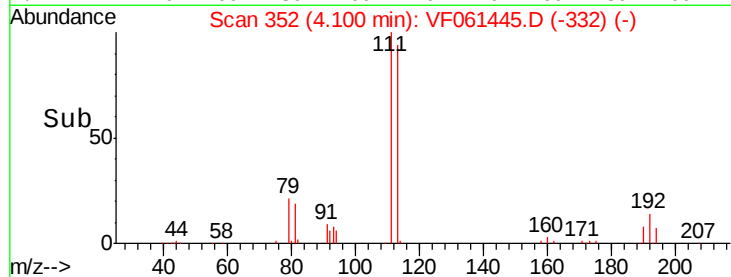
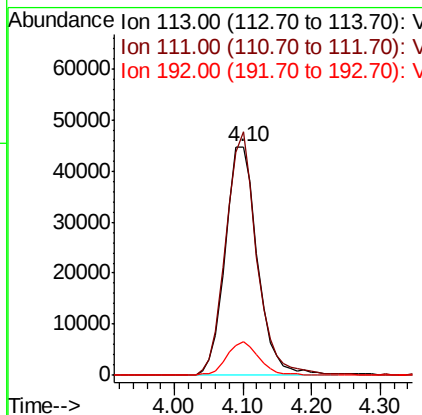
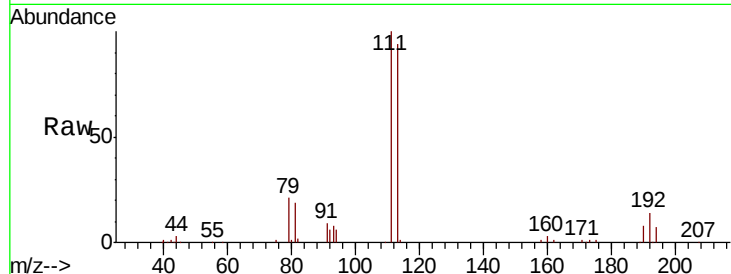
ClientSampleId :

WC-06-011519RE

Tot Ion:	113	Resp:	146066
Ion Ratio	Lower	Upper	
113	100		
111	106.6	79.4	119.0
192	15.2	12.4	18.6

Manual Integrations
APPROVED

MMDadoda
1/28/2019 10:31:35 AM



#50

Toluene-d8

Concen: 53.405 ug/l

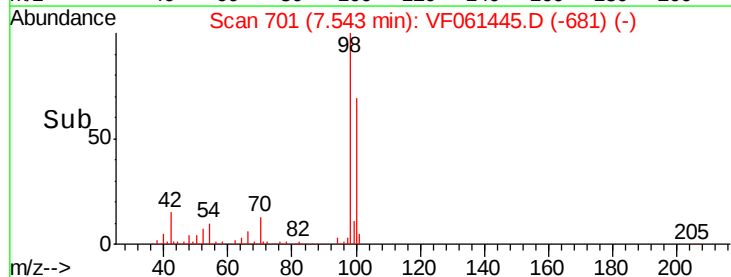
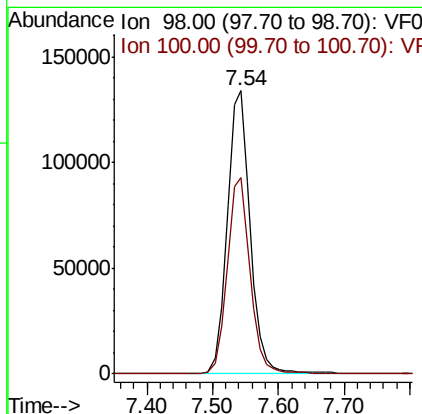
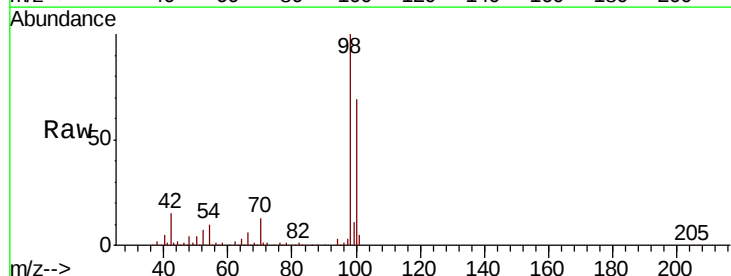
RT: 7.54 min Scan# 701

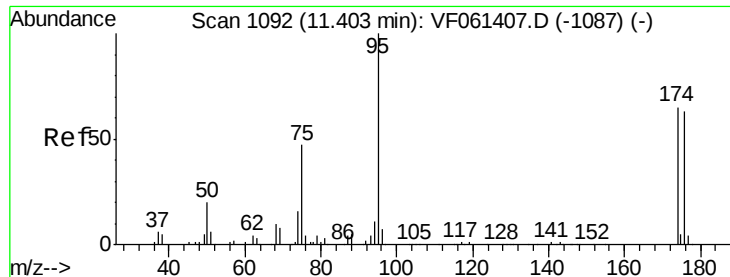
Delta R.T. -0.00 min

Lab File: VF061445.D

Acq: 17 Jan 2019 15:26

Tgt Ion:	98	Resp:	326732
Ion Ratio	Lower	Upper	
98	100		
100	69.3	55.6	83.4





#62

4-Bromofluorobenzene

Concen: 34.922 ug/l

RT: 11.40 min Scan# 1092

Delta R.T. -0.00 min

Lab File: VF061445.D

Acq: 17 Jan 2019 15:26

Instrument :

MSVOA_F

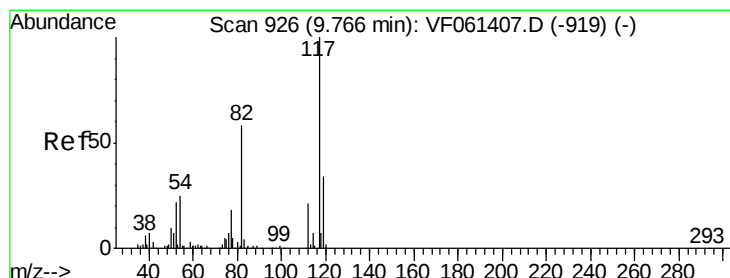
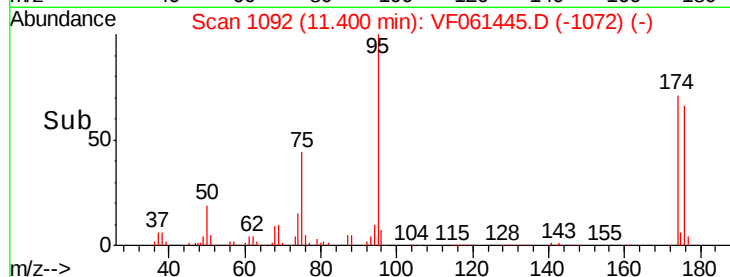
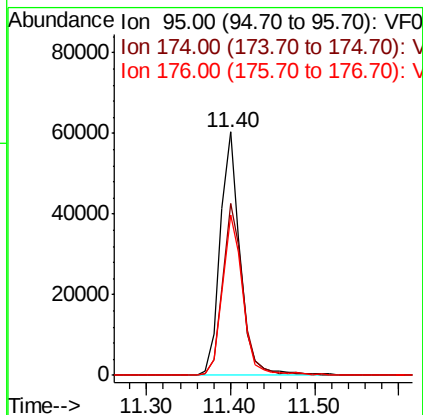
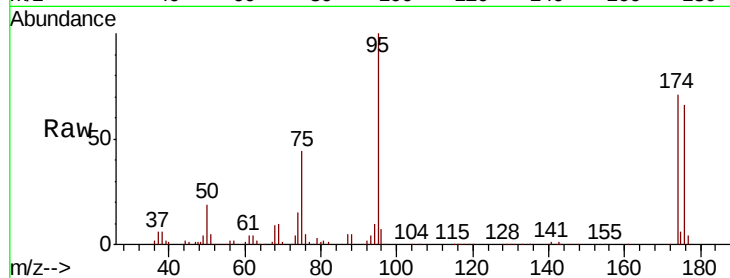
ClientSampleId :

WC-06-011519RE

Tot Ion:	95	Resp:	99825
Ion	Ratio	Lower	Upper
95	100		
174	70.8	0.0	130.4
176	65.9	0.0	126.2

Manual Integrations
APPROVED

MMDadoda
1/28/2019 10:31:35 AM



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

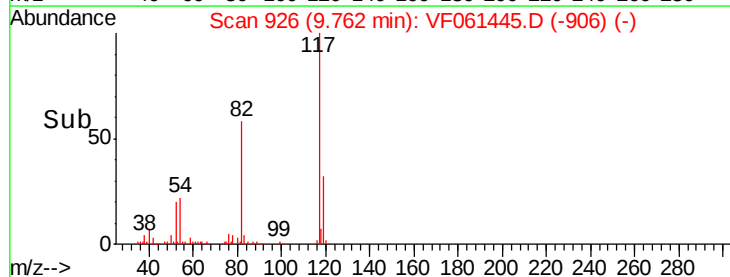
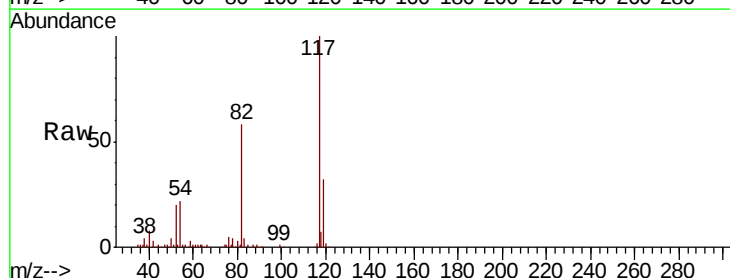
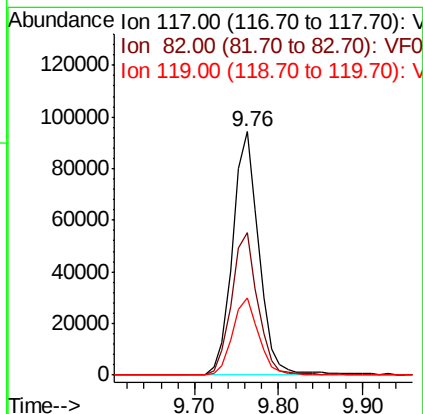
RT: 9.76 min Scan# 926

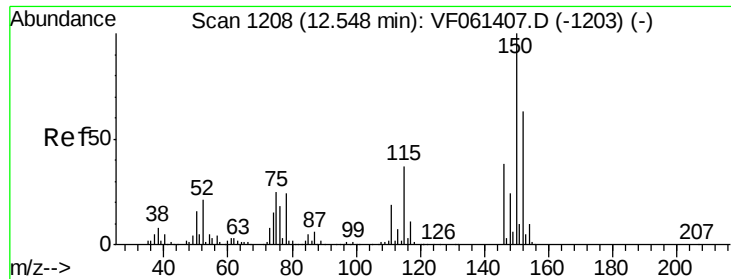
Delta R.T. -0.00 min

Lab File: VF061445.D

Acq: 17 Jan 2019 15:26

Tgt Ion:	117	Resp:	205030
Ion	Ratio	Lower	Upper
117	100		
82	58.4	46.4	69.6
119	31.6	27.2	40.8





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.54 min Scan# 1208

Delta R.T. -0.00 min

Lab File: VF061445.D

Acq: 17 Jan 2019 15:26

Instrument :

MSVOA_F

ClientSampleId :

WC-06-011519RE

Tot Ion:152 Resp: 58271

Ion Ratio Lower Upper

152 100

115 60.6 30.0 90.0

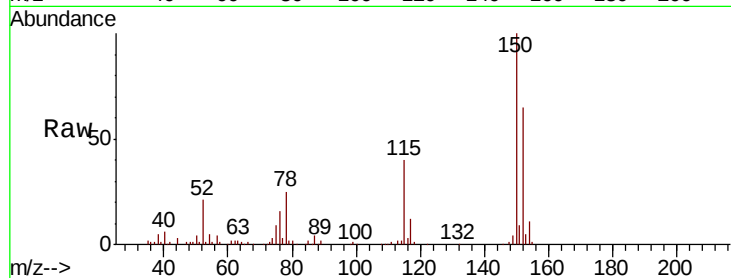
150 152.7 0.0 321.4

Manual Integrations

APPROVED

MMDadoda

1/28/2019 10:31:35 AM



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

