

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF072018\
 Data File : VF059597.D
 Acq On : 20 Jul 2018 22:49
 Operator : VA/AP
 Sample : J3828-09
 Misc : 4.54u/5mL/MSVOA F/SOIL
 ALS Vial : 92 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 EO-02-071818-B

Manual Integrations
 APPROVED

apatel
 7/23/2018 10:52:09 AM

Quant Time: Jul 21 00:32:45 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F071718S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 18 04:09:10 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.03	168	203438	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	5.76	114	302639	50.00	ug/l	-0.02
63) Chlorobenzene-d5	9.91	117	291554	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	12.63	152	157829	50.00	ug/l	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	5.01	65	136540	43.15	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	86.30%	
35) Dibromofluoromethane	4.29	113	119811	45.71	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	91.42%	
50) Toluene-d8	7.71	98	238454	36.12	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	72.24%	
62) 4-Bromofluorobenzene	11.51	95	130190	37.59	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	75.18%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	2.32	43	15063m	4.85	ug/l	

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

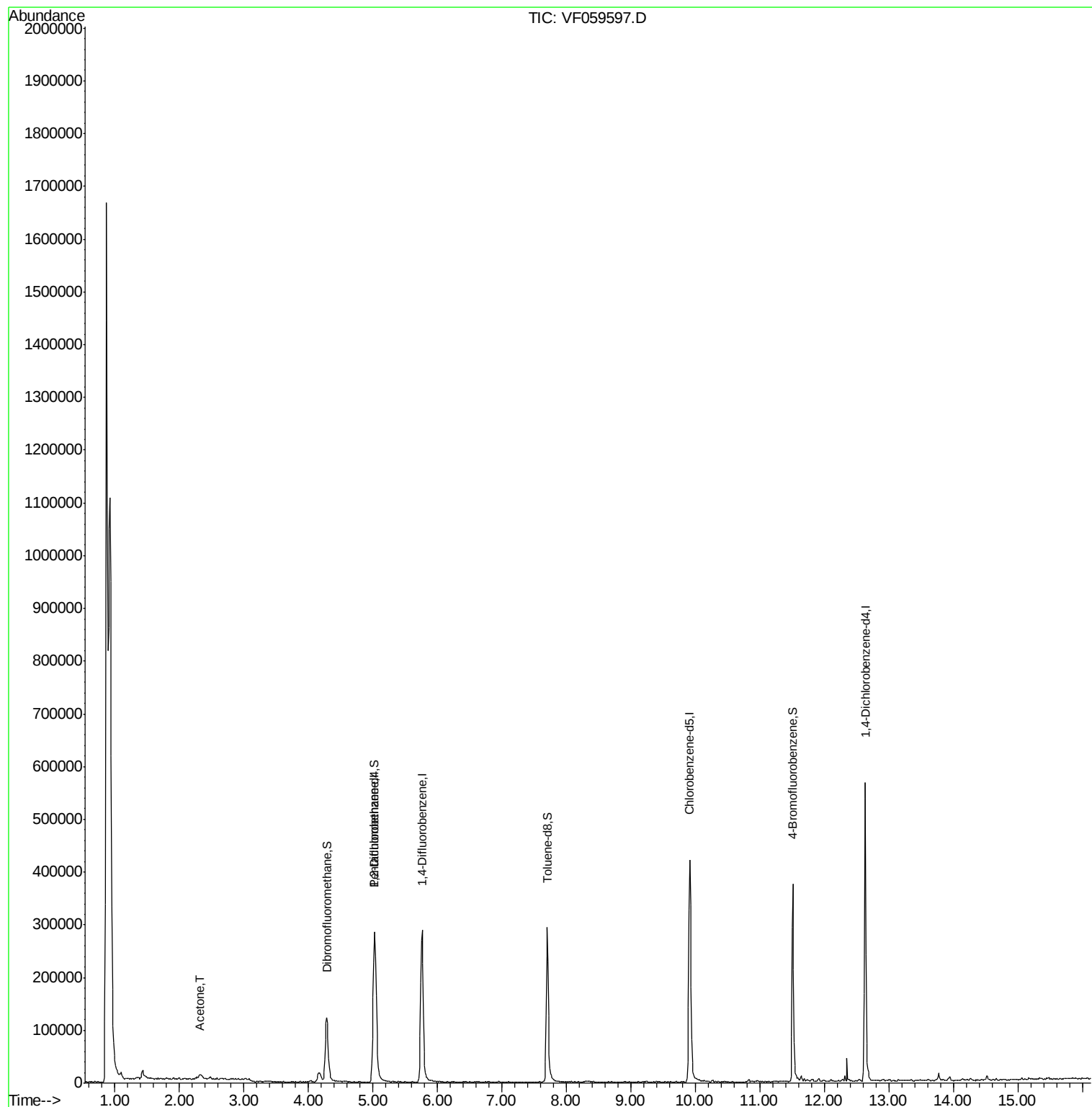
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF072018\
Data File : VF059597.D
Acq On : 20 Jul 2018 22:49
Operator : VA/AP
Sample : J3828-09
Misc : 4.54q/5mL/MSVOA F/SOIL
ALS Vial : 92 Sample Multiplier: 1

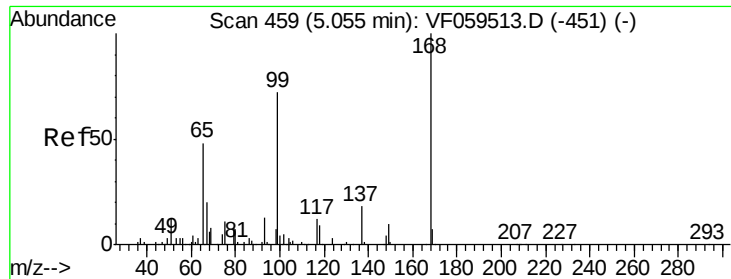
Instrument :
MSVOA_F
ClientSampleId :
EO-02-071818-B

Manual Integrations
APPROVED

apatel
7/23/2018 10:52:09 AM

Quant Time: Jul 21 00:32:45 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F071718S.M
Quant Title : SW846 8260
QLast Update : Wed Jul 18 04:09:10 2018
Response via : Initial Calibration





#1

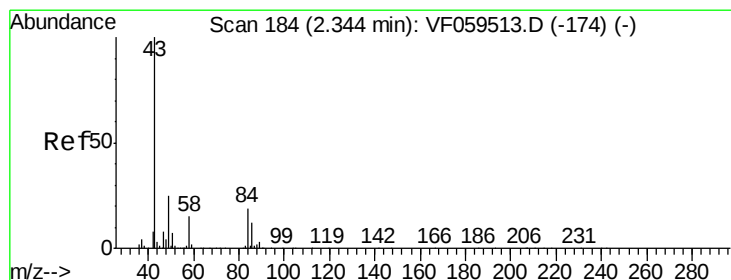
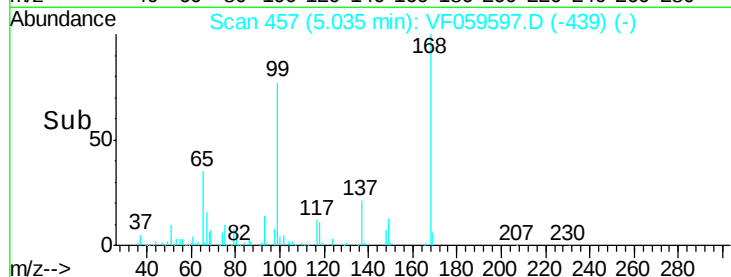
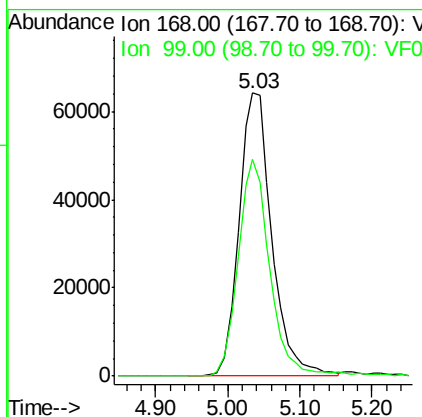
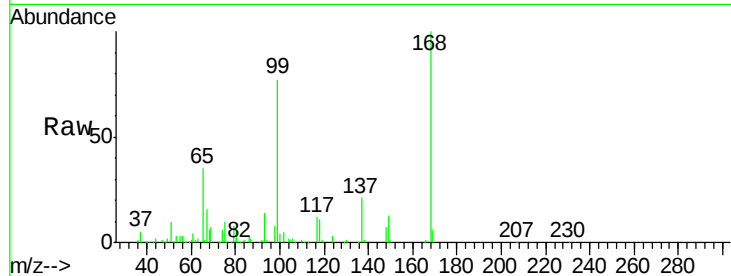
Pentafluorobenzene
 Concen: 50.00 ug/l
 RT: 5.03 min Scan# 457
 Delta R.T. -0.02 min
 Lab File: VF059597.D
 Acq: 20 Jul 2018 22:49

Instrument :
 MSVOA_F
 ClientSampleId :
 EO-02-071818-B

Tot Ion	Ratio	Lower	Upper
168	100		
99	76.6	57.6	86.4

Manual Integrations
 APPROVED

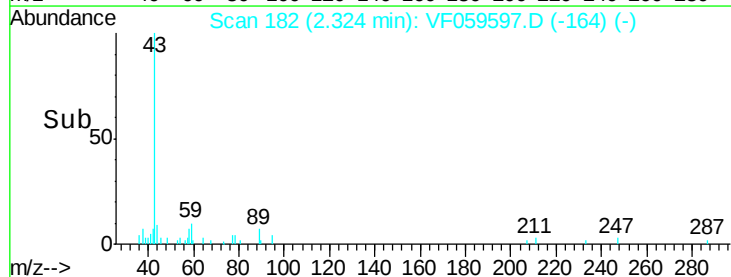
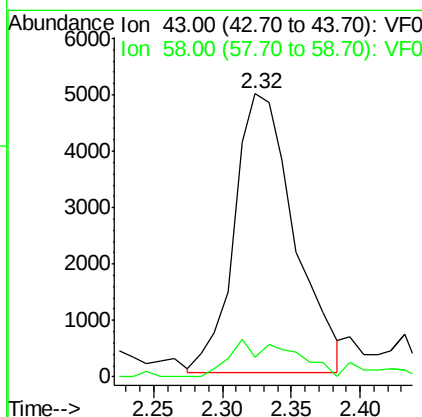
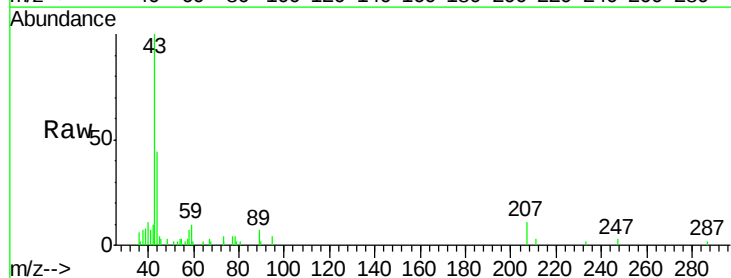
apatel
 7/23/2018 10:52:09 AM

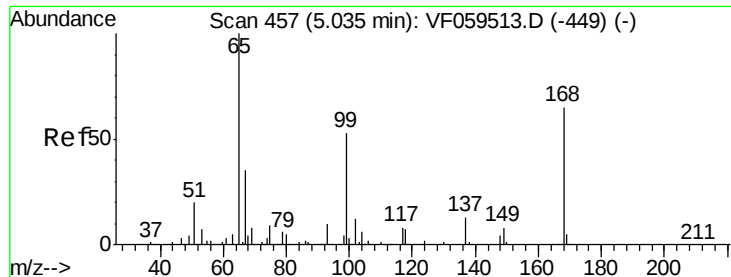


#16

Acetone
 Concen: 4.85 ug/l m
 RT: 2.32 min Scan# 182
 Delta R.T. -0.02 min
 Lab File: VF059597.D
 Acq: 20 Jul 2018 22:49

Tgt Ion	Ratio	Lower	Upper
43	100		
58	6.7	11.8	17.6#





#33

1,2-Dichloroethane-d4

Concen: 43.15 ug/l

RT: 5.01 min Scan# 455

Delta R.T. -0.02 min

Lab File: VF059597.D

Acq: 20 Jul 2018 22:49

Tot Ion: 65 Resp: 136540

Ion Ratio Lower Upper

65 100

67 45.1 0.0 91.2

Instrument :

MSVOA_F

ClientSampleId :

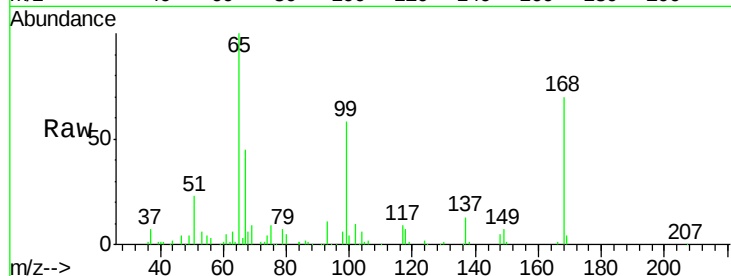
EO-02-071818-B

Manual Integrations

APPROVED

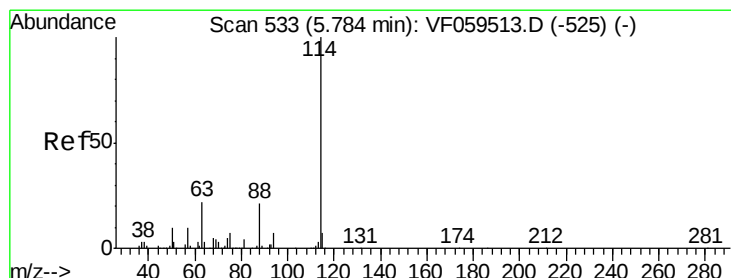
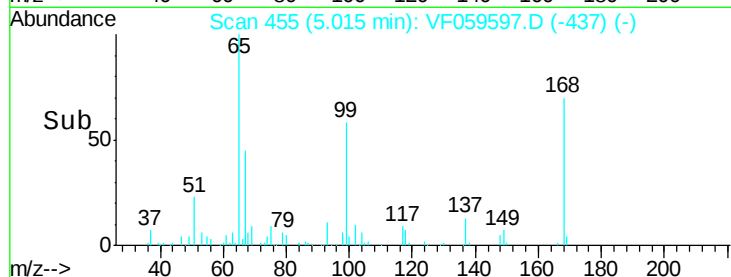
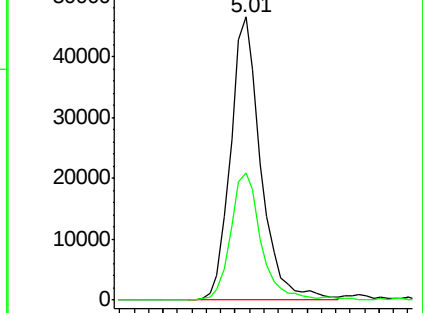
apatel

7/23/2018 10:52:09 AM



Abundance Ion 65.00 (64.70 to 65.70): VF0

Ion 67.00 (66.70 to 67.70): VF0



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 5.76 min Scan# 531

Delta R.T. -0.02 min

Lab File: VF059597.D

Acq: 20 Jul 2018 22:49

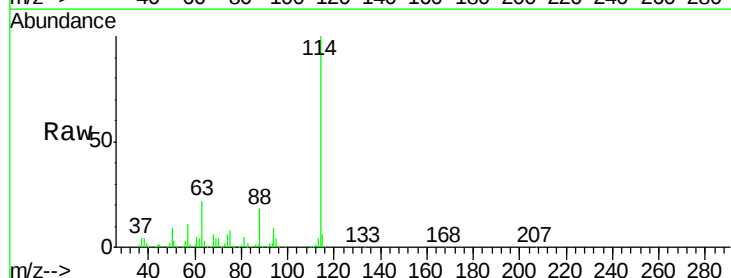
Tgt Ion: 114 Resp: 302639

Ion Ratio Lower Upper

114 100

63 21.8 0.0 44.8

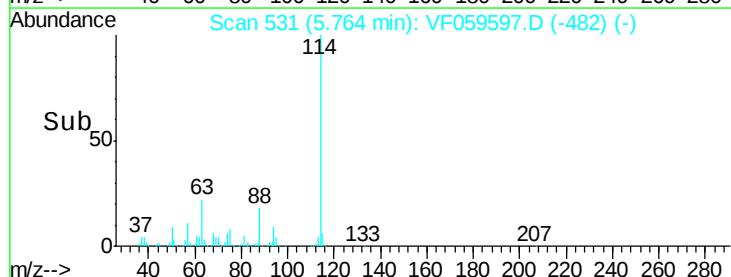
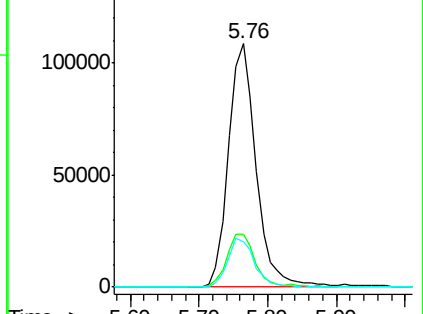
88 18.4 0.0 42.6

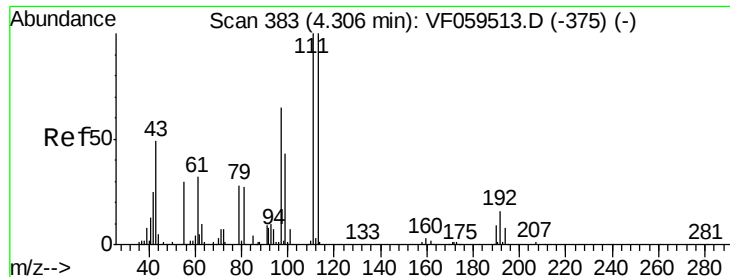


Abundance Ion 114.00 (113.70 to 114.70): V

Ion 63.00 (62.70 to 63.70): VF0

Ion 88.00 (87.70 to 88.70): VF0





#35

Dibromofluoromethane

Concen: 45.71 ug/l

RT: 4.29 min Scan# 381

Delta R.T. -0.02 min

Lab File: VF059597.D

Acq: 20 Jul 2018 22:49

Instrument :

MSVOA_F

ClientSampleId :

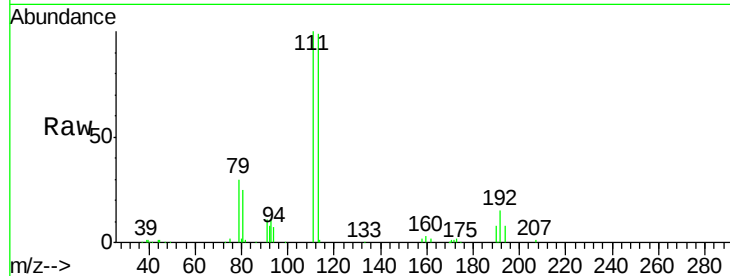
EO-02-071818-B

Tot Ion:	113	Resp:	119811
Ion Ratio	Lower	Upper	
113	100		
111	100.9	80.3	120.5
192	15.3	13.1	19.7

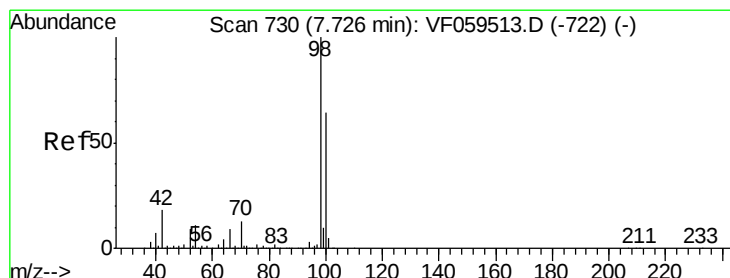
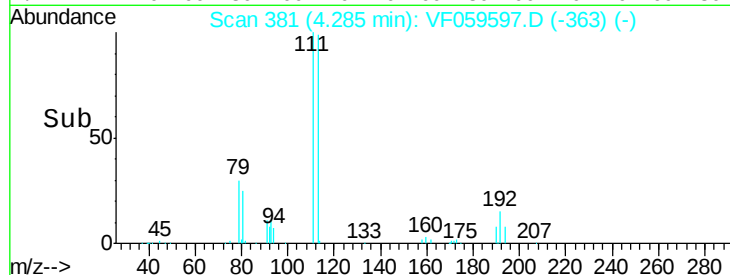
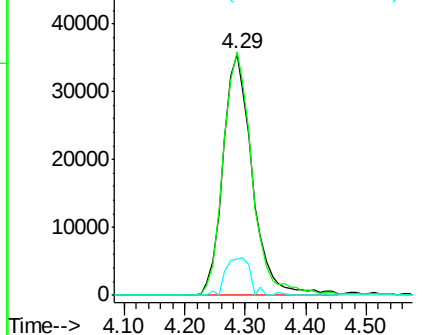
Manual Integrations
APPROVED

apatel

7/23/2018 10:52:09 AM



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: 36.12 ug/l

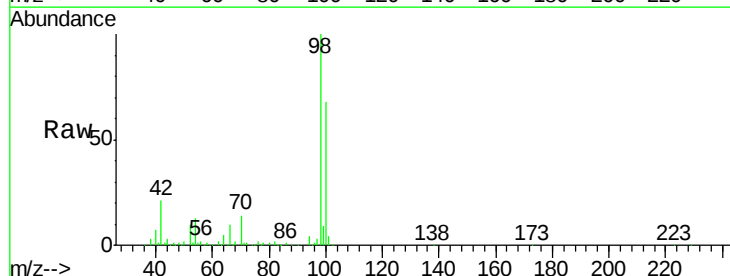
RT: 7.71 min Scan# 728

Delta R.T. -0.02 min

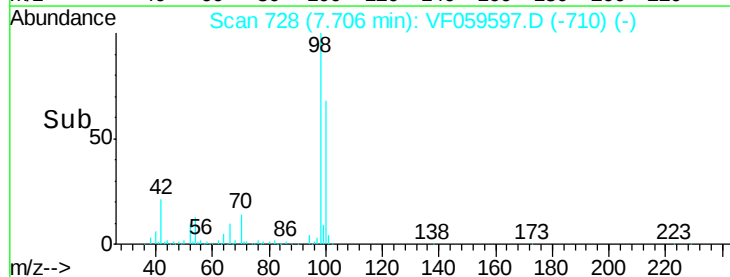
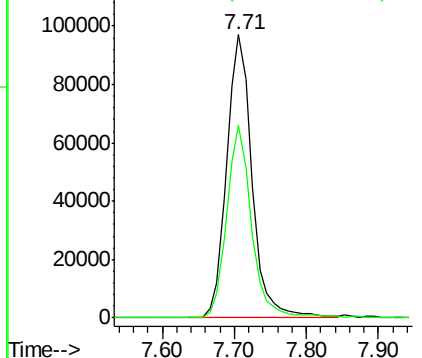
Lab File: VF059597.D

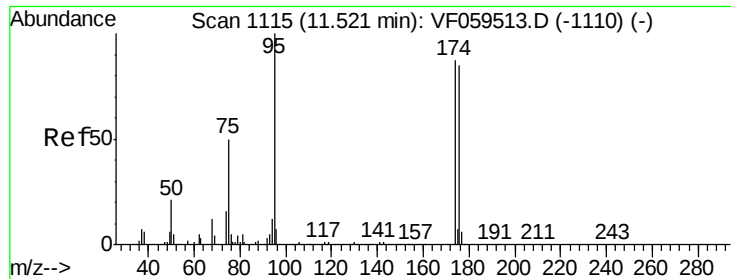
Acq: 20 Jul 2018 22:49

Tgt Ion:	98	Resp:	238454
Ion Ratio	Lower	Upper	
98	100		
100	68.2	50.9	76.3



Abundance Ion 98.00 (97.70 to 98.70): VF0
Ion 100.00 (99.70 to 100.70): VF0





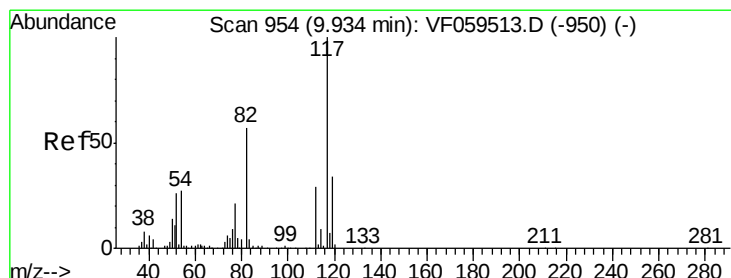
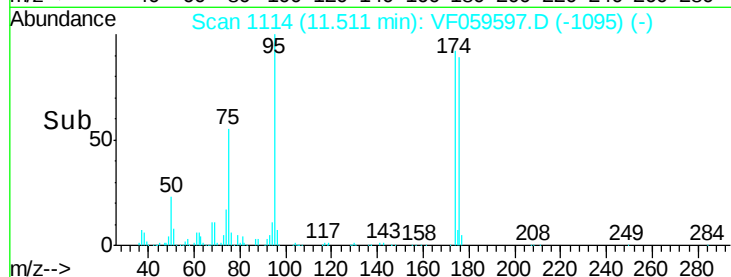
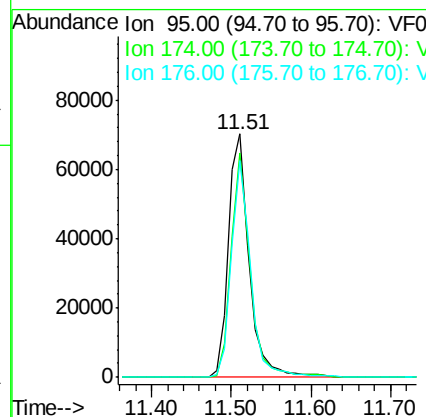
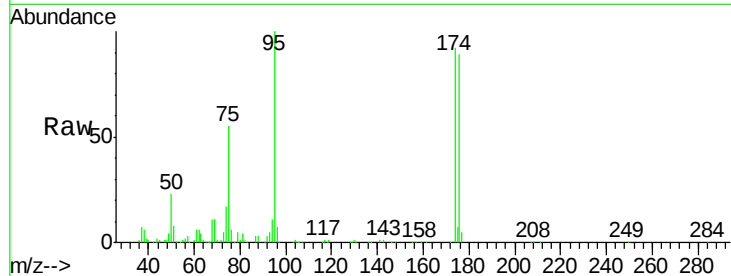
#62
4-Bromofluorobenzene
Concen: 37.59 ug/l
RT: 11.51 min Scan# 1114
Delta R.T. -0.01 min
Lab File: VF059597.D
Acq: 20 Jul 2018 22:49

Instrument :
MSVOA_F
ClientSampleId :
EO-02-071818-B

Tot Ion	Ratio	Resp	Lower	Upper
95	100	130190		
174	92.0	0.0	174.4	
176	89.1	0.0	169.4	

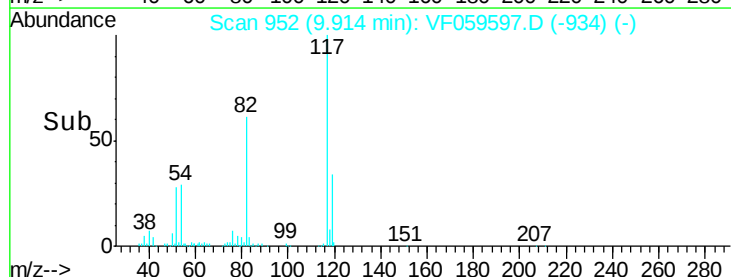
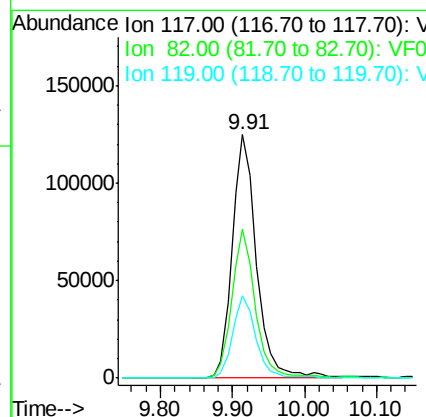
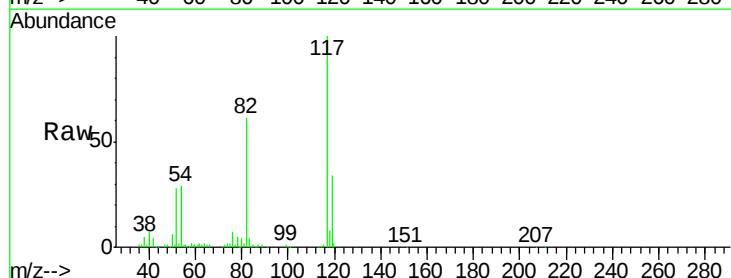
Manual Integrations
APPROVED

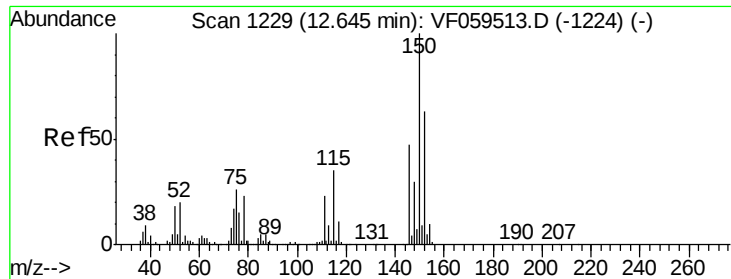
apatel
7/23/2018 10:52:09 AM



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.91 min Scan# 952
Delta R.T. -0.02 min
Lab File: VF059597.D
Acq: 20 Jul 2018 22:49

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	291554		
82	61.1	46.1	69.1	
119	33.9	27.2	40.8	





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.63 min Scan# 1228

Delta R.T. -0.01 min

Lab File: VF059597.D

Acq: 20 Jul 2018 22:49

Instrument :

MSVOA_F

ClientSampleId :

EO-02-071818-B

Tot Ion	Ratio	Resp	Lower	Upper
152	100	157829		
115	56.3		27.8	83.3
150	152.4		0.0	318.4

Manual Integrations
APPROVED

apatel
7/23/2018 10:52:09 AM

