

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF062018\
 Data File : VF059233.D
 Acq On : 20 Jun 2018 18:40
 Operator : VA/AP
 Sample : J3498-07
 Misc : 6.36g/5mL/MSVOA-F/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 TP-G-D

Manual Integrations
 APPROVED

apatel
 6/21/2018 9:45:53 AM

Quant Time: Jun 21 09:06:36 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F060618S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 07 10:52:00 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.03	168	245185	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.76	114	366519	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.91	117	363942	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.63	152	232968	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.02	65	162768	54.74	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.48%	
35) Dibromofluoromethane	4.29	113	147294	57.27	ug/l	0.00
Spiked Amount 50.000			Recovery	=	114.54%	
50) Toluene-d8	7.71	98	357658	47.34	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.68%	
62) 4-Bromofluorobenzene	11.51	95	194963	50.31	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.62%	
Target Compounds						
20) Methylene Chloride	2.27	84	11694m	6.88	ug/l	Qvalue
59) 2-Hexanone	9.63	43	12308	7.72	ug/l	84

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

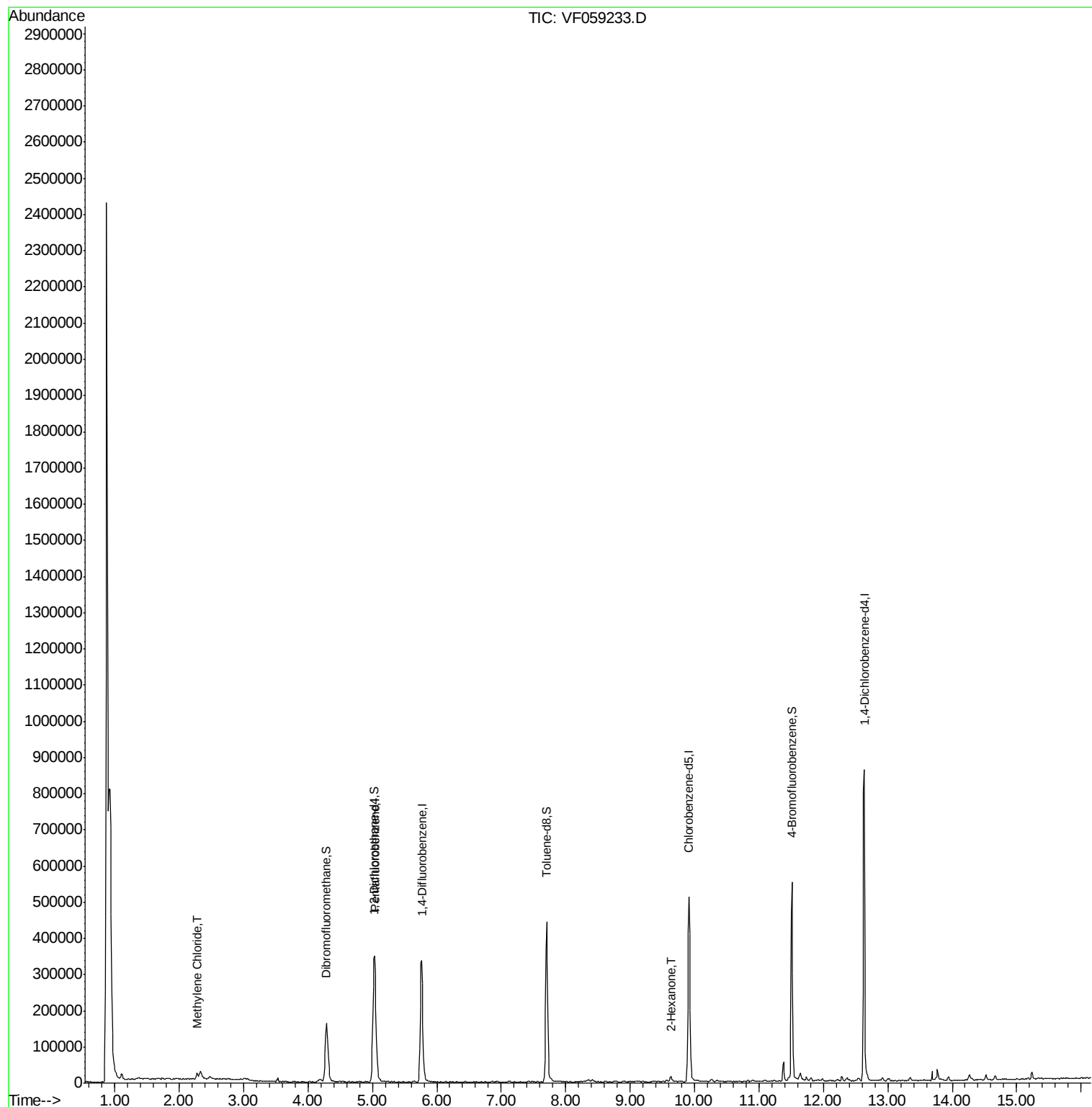
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF062018\
Data File : VF059233.D
Acq On : 20 Jun 2018 18:40
Operator : VA/AP
Sample : J3498-07
Misc : 6.36g/5mL/MSVOA-F/SOIL
ALS Vial : 6 Sample Multiplier: 1

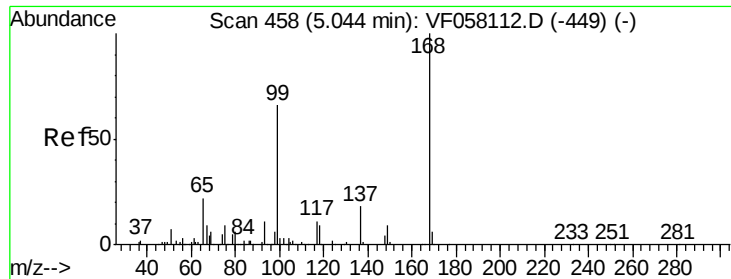
Instrument :
MSVOA_F
ClientSampleId :
TP-G-D

Manual Integrations
APPROVED

apatel
6/21/2018 9:45:53 AM

Quant Time: Jun 21 09:06:36 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F060618S.M
Quant Title : SW846 8260
QLast Update : Thu Jun 07 10:52:00 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.03 min Scan# 457

Delta R.T. -0.01 min

Lab File: VF059233.D

Acq: 20 Jun 2018 18:40

Instrument :

MSVOA_F

ClientSampleId :

TP-G-D

Tot Ion:168 Resp: 245185

Ion Ratio Lower Upper

168 100

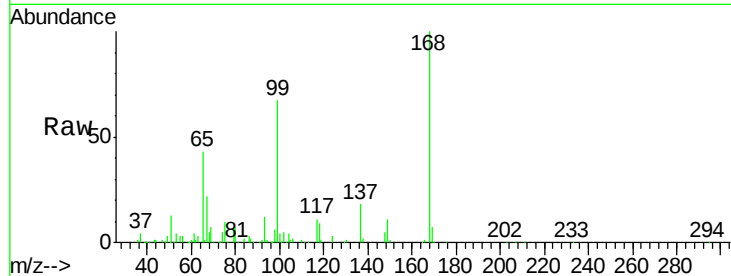
99 67.3 52.9 79.3

Manual Integrations

APPROVED

apatel

6/21/2018 9:45:53 AM



Abundance Ion 168.00 (167.70 to 168.70): V

Ion 99.00 (98.70 to 99.70): VF0

80000

60000

40000

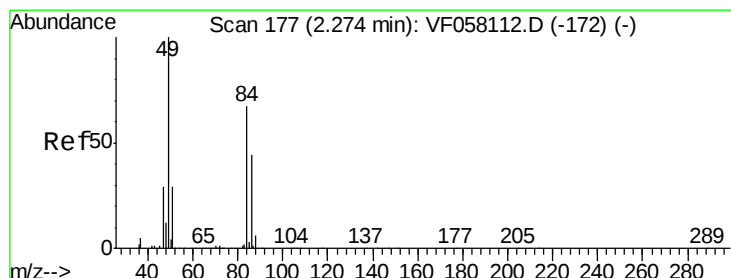
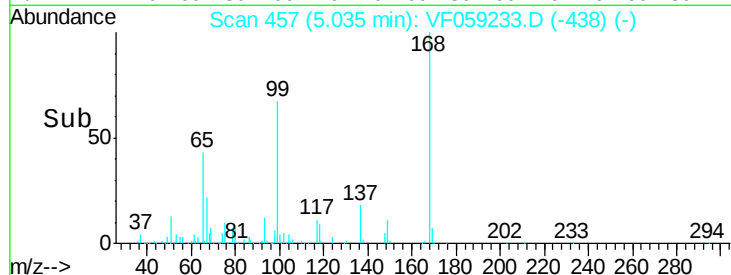
20000

0

Time-->

4.90 5.00 5.10 5.20

5.03



#20

Methylene Chloride

Concen: 6.88 ug/l m

RT: 2.27 min Scan# 177

Delta R.T. 0.00 min

Lab File: VF059233.D

Acq: 20 Jun 2018 18:40

Tgt Ion: 84 Resp: 11694

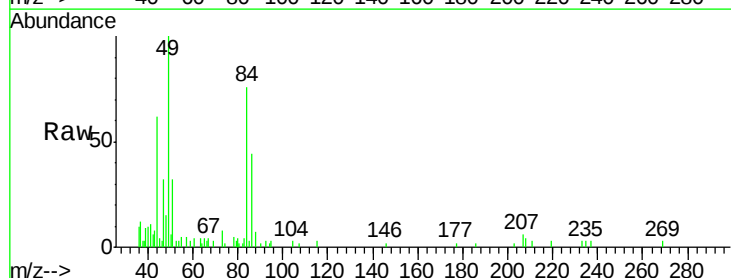
Ion Ratio Lower Upper

84 100

49 132.1 121.0 181.4

51 42.6 35.8 53.6

86 57.7 53.2 79.8



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

6000

4000

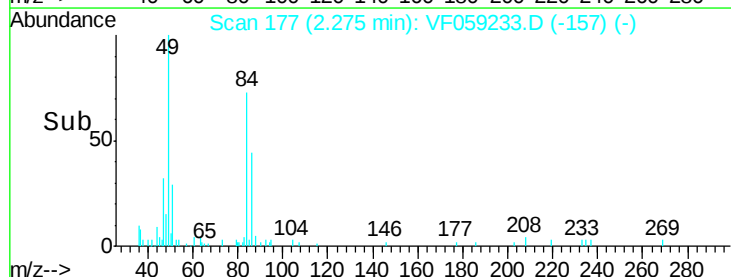
2000

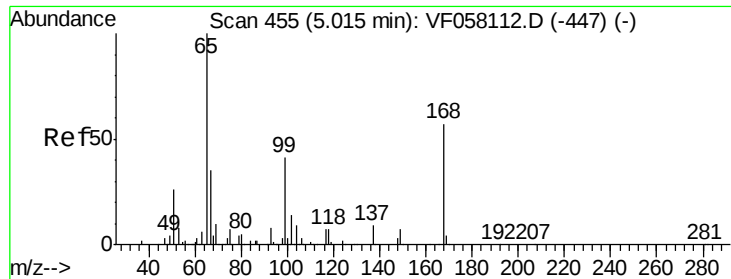
0

Time-->

2.20 2.30 2.40

2.27





#33

1,2-Dichloroethane-d4

Concen: 54.74 ug/l

RT: 5.02 min Scan# 455

Delta R.T. 0.00 min

Lab File: VF059233.D

Acq: 20 Jun 2018 18:40

Instrument :

MSVOA_F

ClientSampled :

TP-G-D

Tot Ion: 65 Resp: 162768

Ion Ratio Lower Upper

65 100

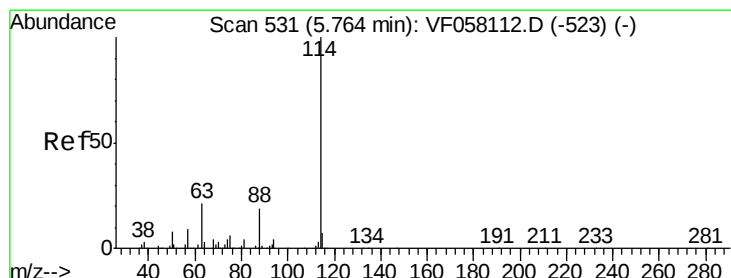
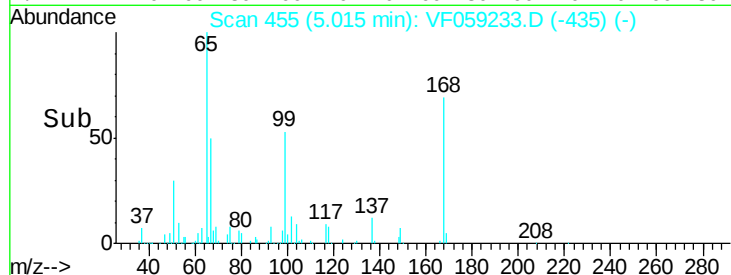
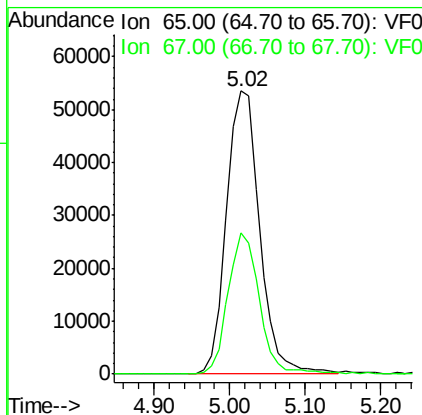
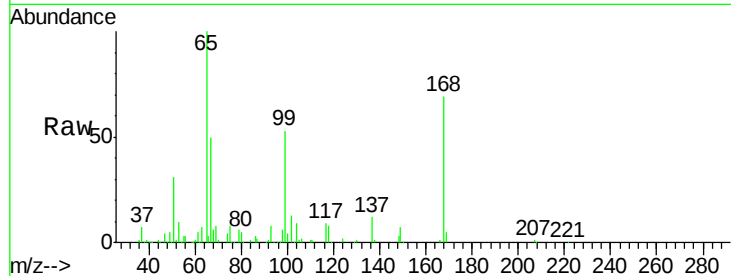
67 49.9 0.0 97.0

Manual Integrations

APPROVED

apatel

6/21/2018 9:45:53 AM



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 5.76 min Scan# 531

Delta R.T. 0.00 min

Lab File: VF059233.D

Acq: 20 Jun 2018 18:40

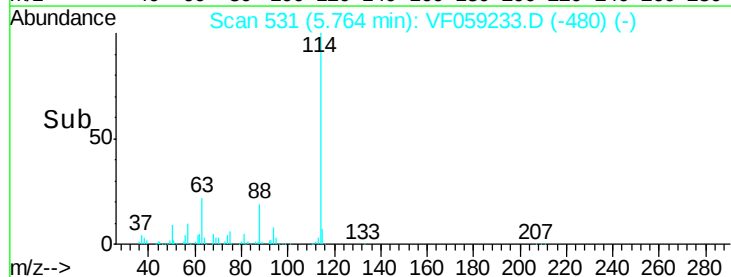
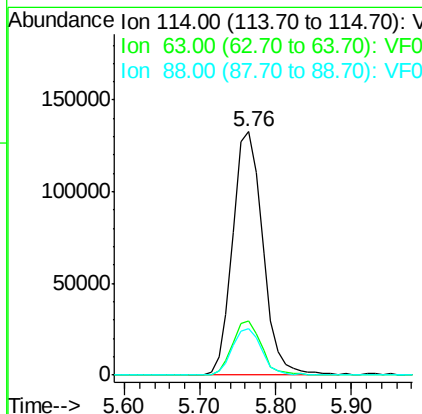
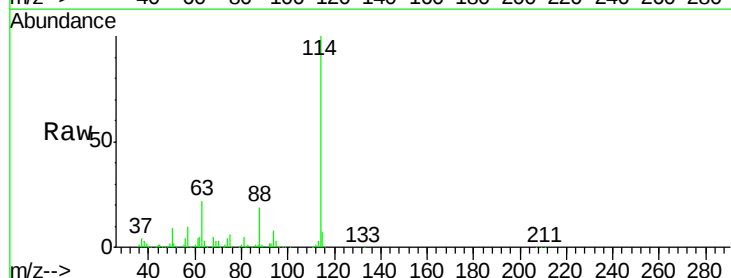
Tgt Ion: 114 Resp: 366519

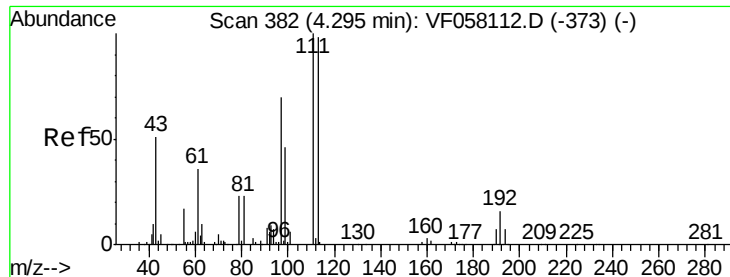
Ion Ratio Lower Upper

114 100

63 22.5 0.0 41.6

88 19.3 0.0 38.8





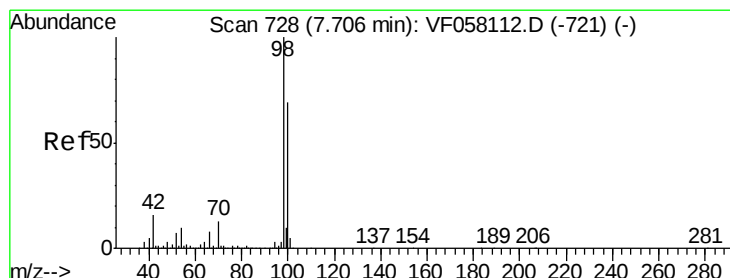
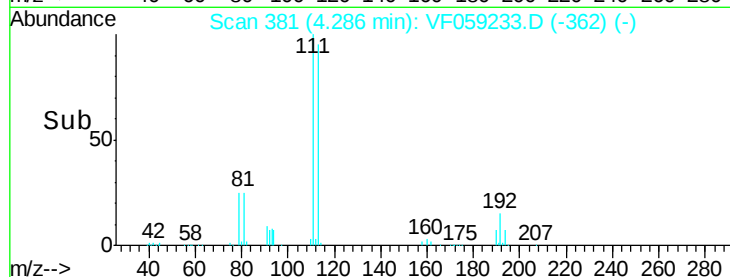
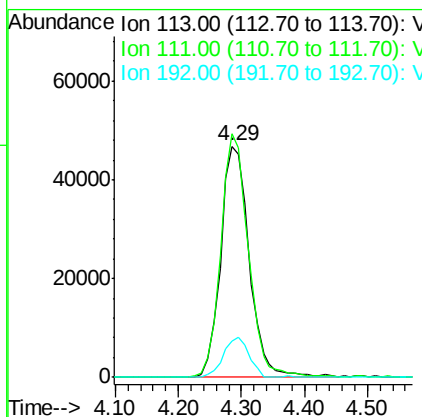
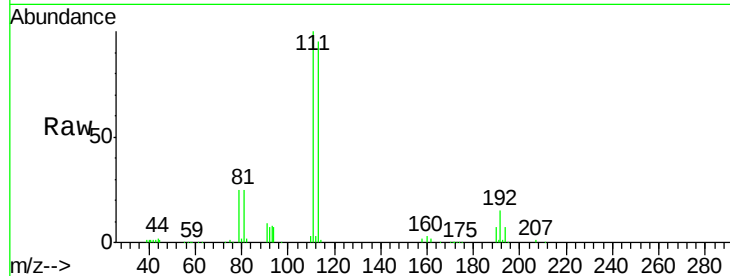
#35
Dibromofluoromethane
Concen: 57.27 ug/l
RT: 4.29 min Scan# 381
Delta R.T. -0.01 min
Lab File: VF059233.D
Acq: 20 Jun 2018 18:40

Instrument :
MSVOA_F
ClientSampleId :
TP-G-D

Tot Ion	Ratio	Lower	Upper
113	100		
111	105.2	81.3	121.9
192	15.7	12.7	19.1

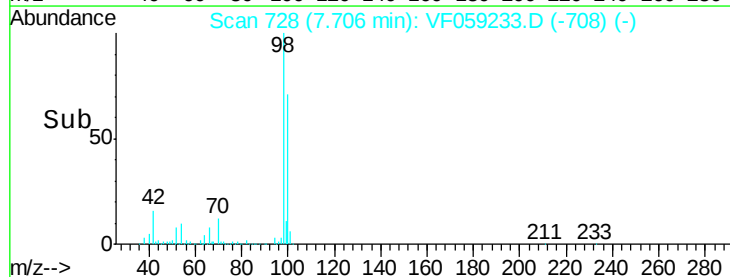
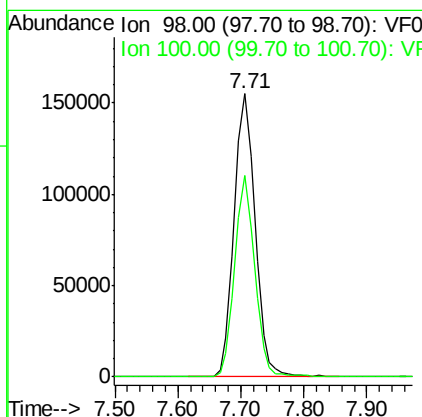
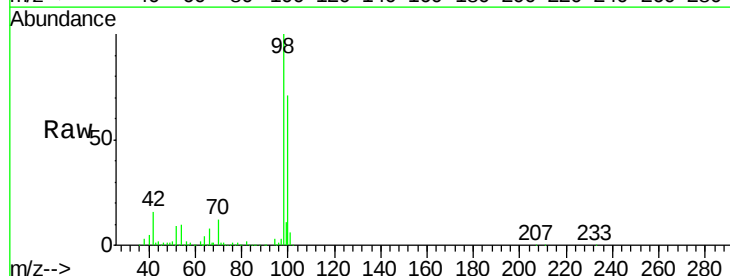
Manual Integrations
APPROVED

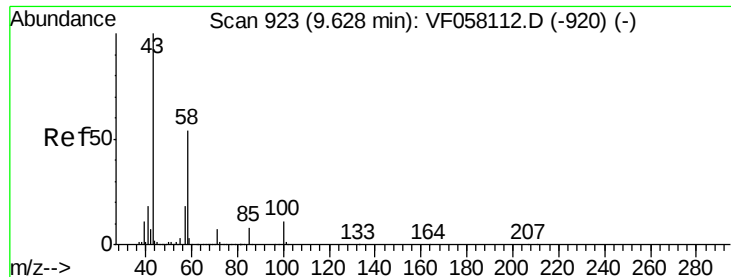
apatel
6/21/2018 9:45:53 AM



#50
Toluene-d8
Concen: 47.34 ug/l
RT: 7.71 min Scan# 728
Delta R.T. 0.00 min
Lab File: VF059233.D
Acq: 20 Jun 2018 18:40

Tgt Ion	Ratio	Lower	Upper
98	100		
100	71.3	55.6	83.4





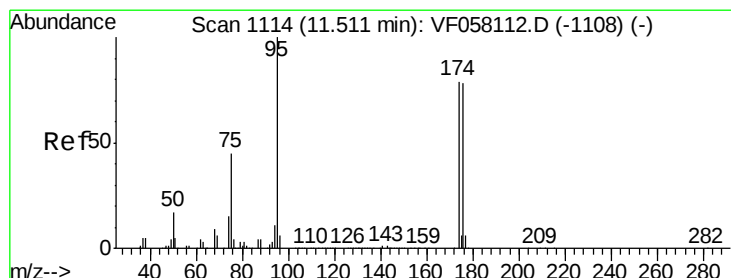
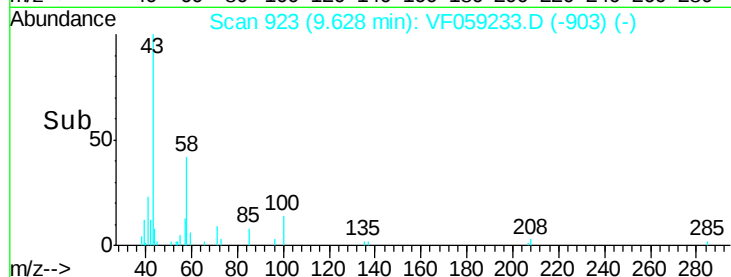
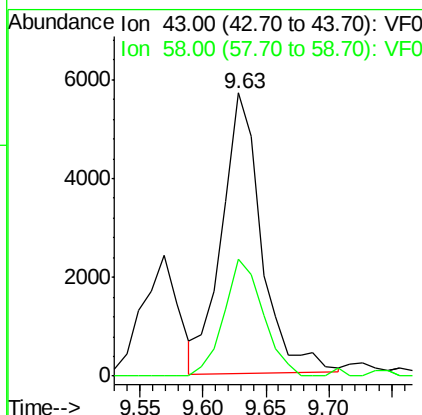
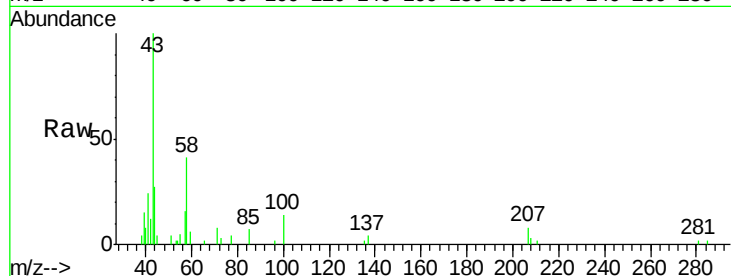
#59
2-Hexanone
Concen: 7.72 ug/l
RT: 9.63 min Scan# 923
Delta R.T. 0.00 min
Lab File: VF059233.D
Acq: 20 Jun 2018 18:40

Instrument :
MSVOA_F
ClientSampleId :
TP-G-D

Tot Ion	Ratio	Lower	Upper
43	100		
58	41.1	26.3	78.8

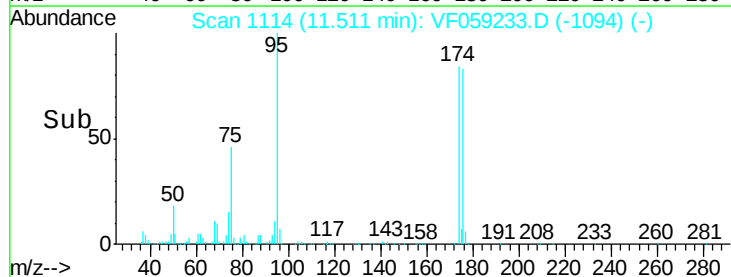
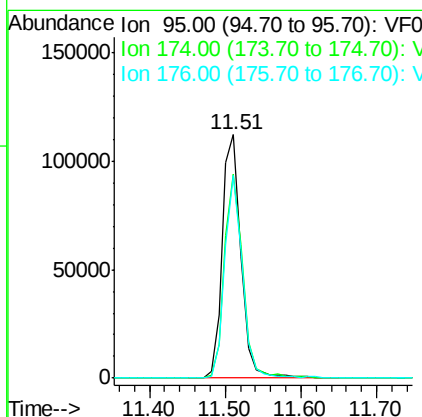
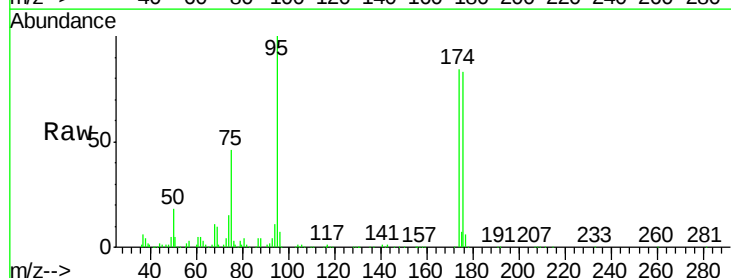
Manual Integrations
APPROVED

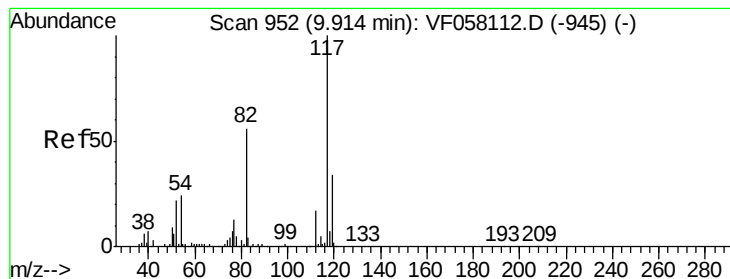
apatel
6/21/2018 9:45:53 AM



#62
4-Bromofluorobenzene
Concen: 50.31 ug/l
RT: 11.51 min Scan# 1114
Delta R.T. 0.00 min
Lab File: VF059233.D
Acq: 20 Jun 2018 18:40

Tgt Ion	Ratio	Lower	Upper
95	100		
174	83.9	0.0	157.8
176	83.5	0.0	155.8





#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 9.91 min Scan# 952

Delta R.T. 0.00 min

Lab File: VF059233.D

Acq: 20 Jun 2018 18:40

Instrument :

MSVOA_F

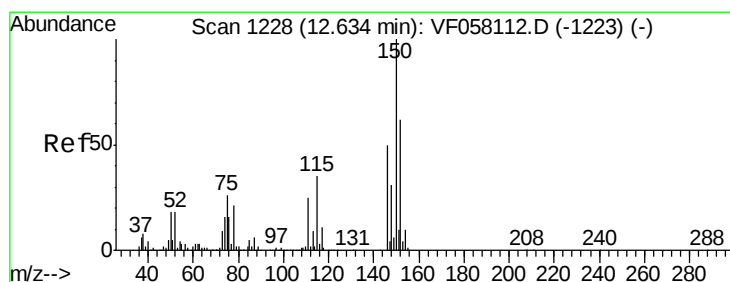
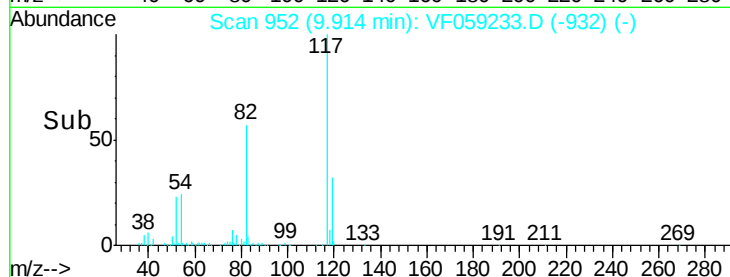
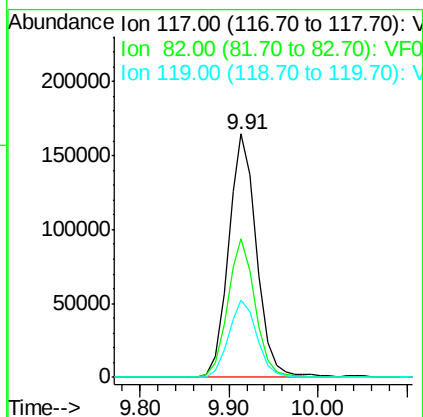
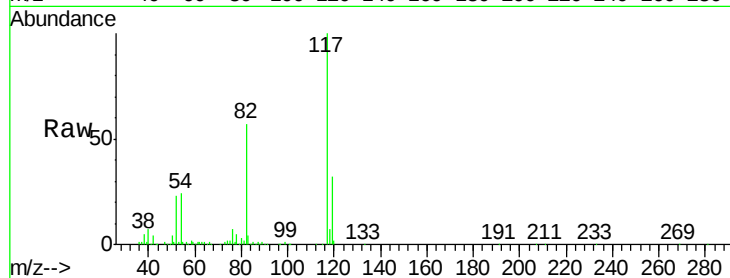
ClientSampleId :

TP-G-D

Tot Ion:	117	Resp:	363942
Ion Ratio	Lower	Upper	
117	100		
82	57.0	45.2	67.8
119	31.8	27.5	41.3

Manual Integrations
APPROVED

apatel
6/21/2018 9:45:53 AM



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.63 min Scan# 1228

Delta R.T. 0.00 min

Lab File: VF059233.D

Acq: 20 Jun 2018 18:40

Tgt Ion:	152	Resp:	232968
Ion Ratio	Lower	Upper	
152	100		
115	54.1	28.5	85.5
150	147.3	0.0	323.8

