

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF062718\
 Data File : VF059335.D
 Acq On : 27 Jun 2018 13:28
 Operator : VA/AP
 Sample : J3684-03
 Misc : 5.69g/5mL/MSVOA-F/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 TP-1-S

Manual Integrations
 APPROVED

apatel
 6/28/2018 11:09:55 AM

Quant Time: Jun 27 16:44:38 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F062518S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 26 08:45:17 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.03	168	255295	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.75	114	392395	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.90	117	370503	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.62	152	187934	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.01	65	131085	39.74	ug/l	0.00
Spiked Amount 50.000			Recovery	=	79.48%	
35) Dibromofluoromethane	4.29	113	128826	44.93	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.86%	
50) Toluene-d8	7.70	98	282396	39.78	ug/l	0.00
Spiked Amount 50.000			Recovery	=	79.56%	
62) 4-Bromofluorobenzene	11.50	95	152483	38.08	ug/l	0.00
Spiked Amount 50.000			Recovery	=	76.16%	
Target Compounds						
16) Acetone	2.32	43	54869	58.81	ug/l	Qvalue 100
20) Methylene Chloride	2.26	84	17549m	2.46	ug/l	

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

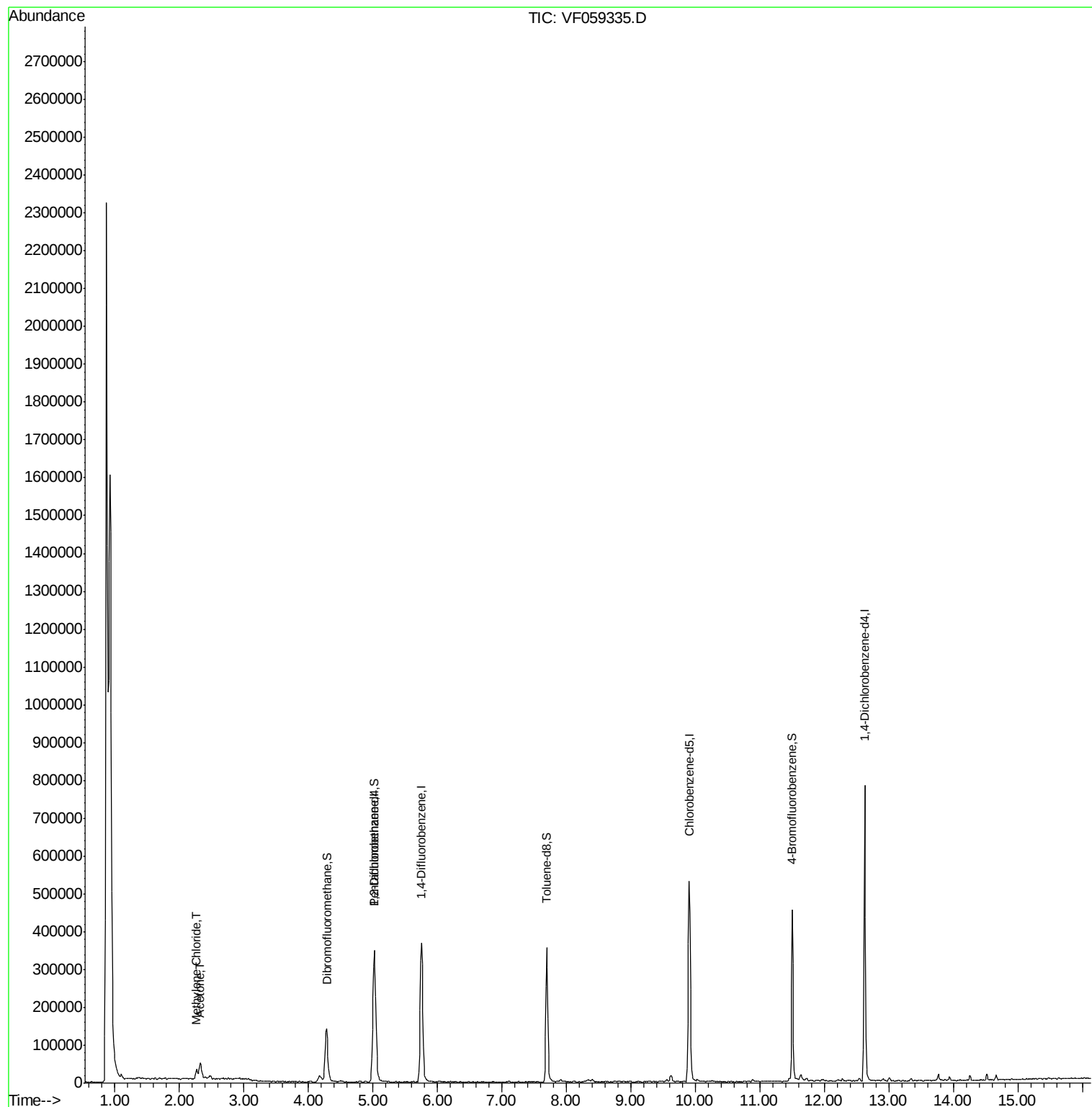
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF062718\
Data File : VF059335.D
Acq On : 27 Jun 2018 13:28
Operator : VA/AP
Sample : J3684-03
Misc : 5.69g/5mL/MSVOA-F/SOIL
ALS Vial : 6 Sample Multiplier: 1

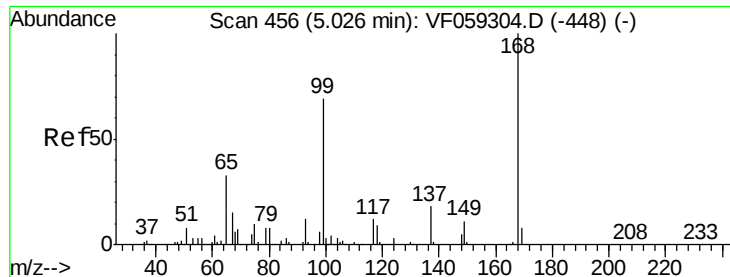
Instrument :
MSVOA_F
ClientSampleId :
TP-1-S

Manual Integrations
APPROVED

apatel
6/28/2018 11:09:55 AM

Quant Time: Jun 27 16:44:38 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F062518S.M
Quant Title : SW846 8260
QLast Update : Tue Jun 26 08:45:17 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: VF059335.D

Acq: 27 Jun 2018 13:28

Instrument :

MSVOA_F

ClientSampleId :

TP-1-S

Tot Ion:168 Resp: 255295

Ion Ratio Lower Upper

168 100

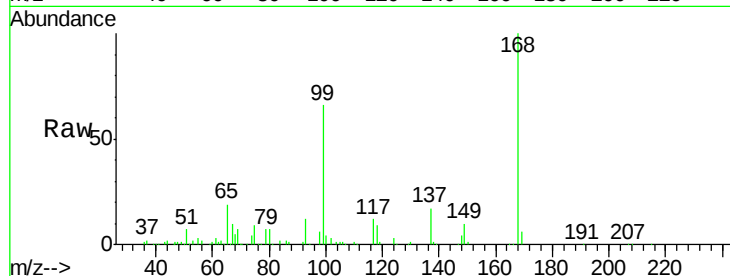
99 65.8 54.9 82.3

Manual Integrations

APPROVED

apatel

6/28/2018 11:09:55 AM



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

5.03

80000

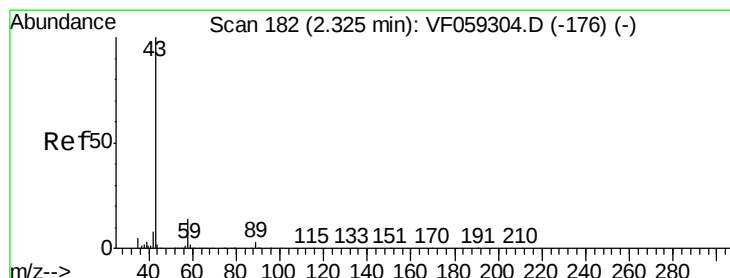
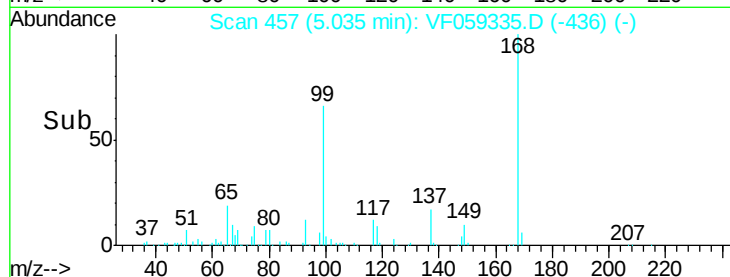
60000

40000

20000

0

Time-->



#16

Acetone

Concen: 58.81 ug/l

RT: 2.32 min Scan# 182

Delta R.T. -0.00 min

Lab File: VF059335.D

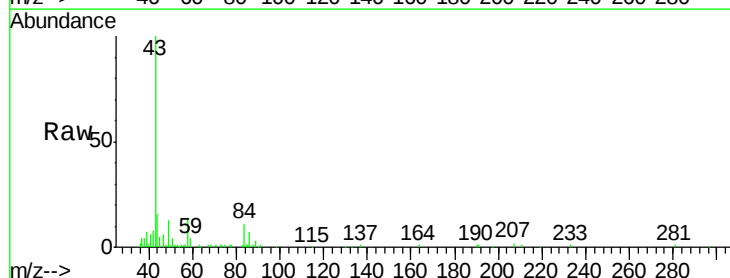
Acq: 27 Jun 2018 13:28

Tgt Ion: 43 Resp: 54869

Ion Ratio Lower Upper

43 100

58 14.3 11.4 17.0



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0

2.32

25000

20000

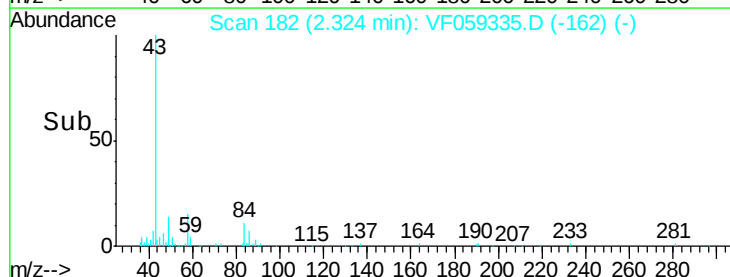
15000

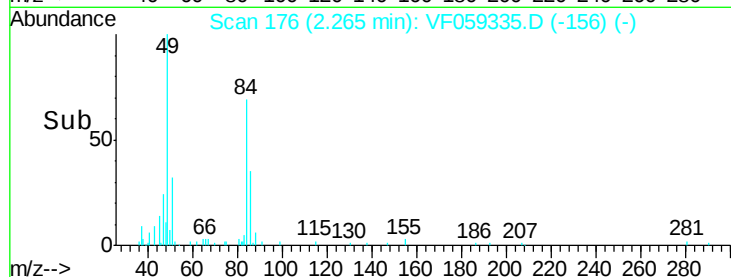
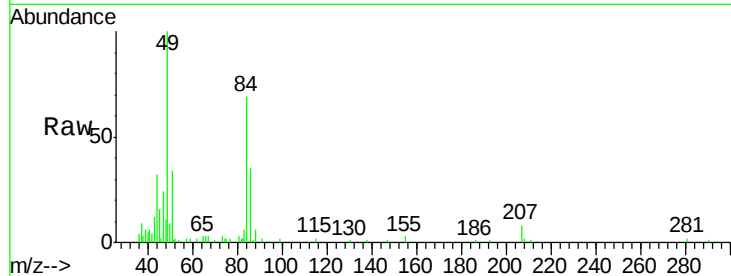
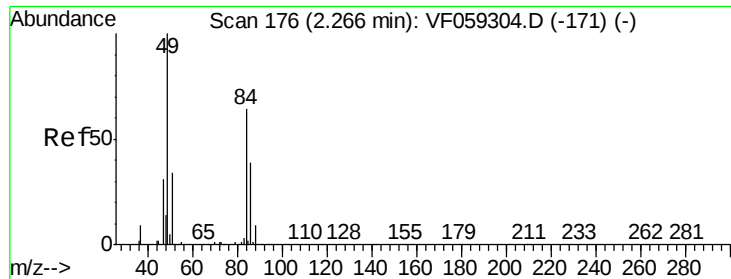
10000

5000

0

Time-->





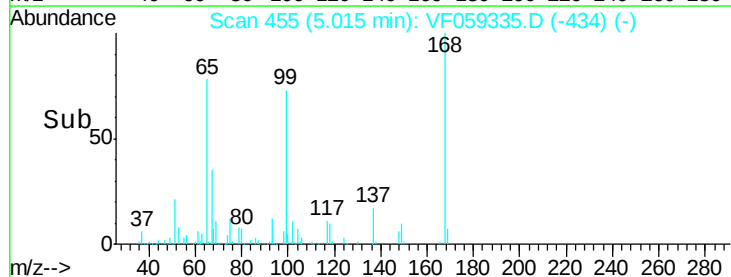
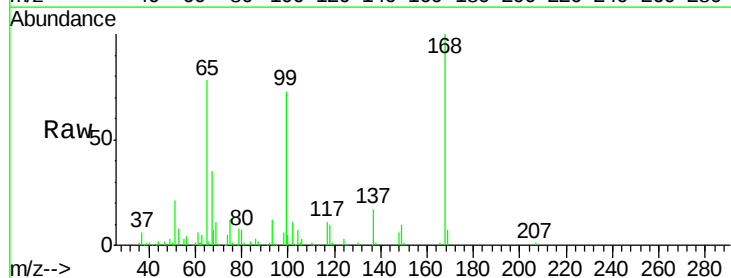
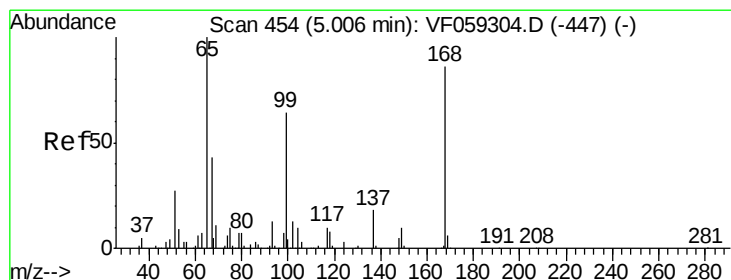
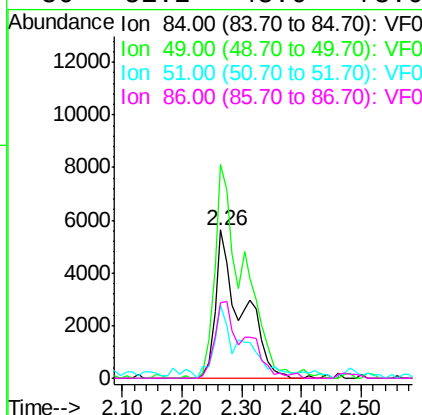
#20
Methvlene Chloride
Concen: 2.46 ug/l m
RT: 2.26 min Scan# 176
Delta R.T. -0.00 min
Lab File: VF059335.D
Acq: 27 Jun 2018 13:28

Tot Ion:	84	Resp:	17549
Ion	Ratio	Lower	Upper
84	100		
49	144.4	126.5	189.7
51	49.7	42.9	64.3
86	51.2	48.6	73.0

Instrument :
MSVOA_F
ClientSampleId :
TP-1-S

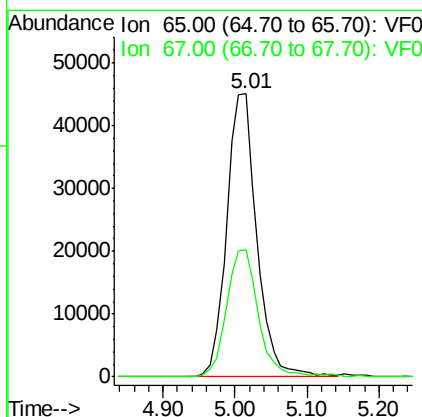
Manual Integrations
APPROVED

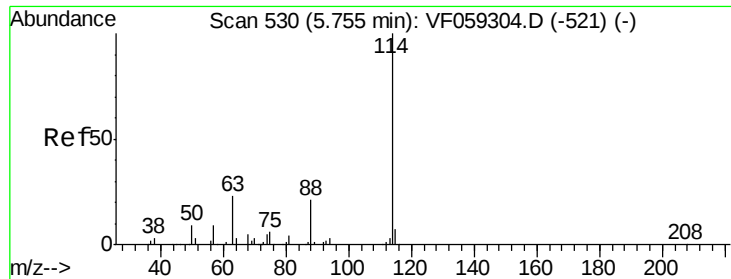
apatel
6/28/2018 11:09:55 AM



#33
1,2-Dichloroethane-d4
Concen: 39.74 ug/l
RT: 5.01 min Scan# 455
Delta R.T. 0.01 min
Lab File: VF059335.D
Acq: 27 Jun 2018 13:28

Tgt Ion:	65	Resp:	131085
Ion	Ratio	Lower	Upper
65	100		
67	45.0	0.0	96.8





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 5.75 min Scan# 530

Delta R.T. -0.00 min

Lab File: VF059335.D

Acq: 27 Jun 2018 13:28

Instrument :

MSVOA_F

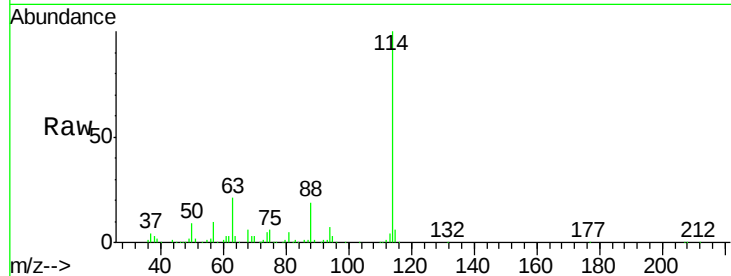
ClientSampleId :

TP-1-S

Tot Ion:	114	Resp:	392395
Ion Ratio		Lower	Upper
114	100		
63	21.3	0.0	45.8
88	19.2	0.0	41.2

Manual Integrations
APPROVED

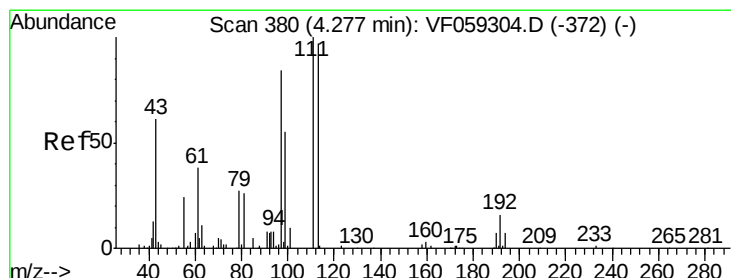
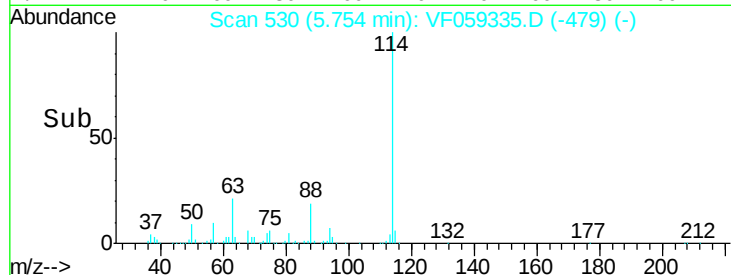
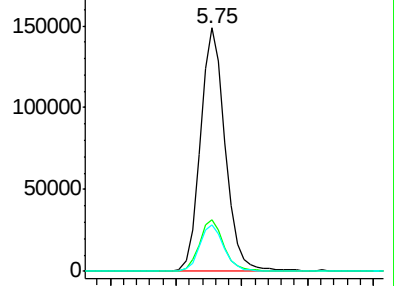
apatel
6/28/2018 11:09:55 AM



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: 44.93 ug/l

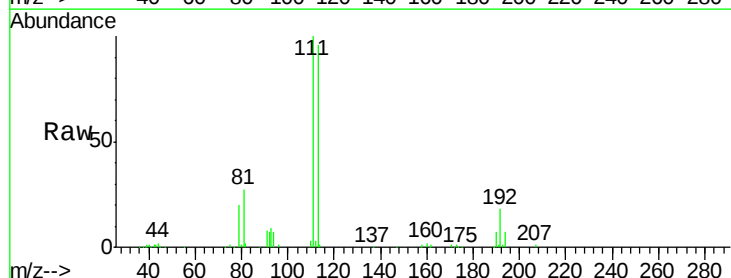
RT: 4.29 min Scan# 381

Delta R.T. 0.01 min

Lab File: VF059335.D

Acq: 27 Jun 2018 13:28

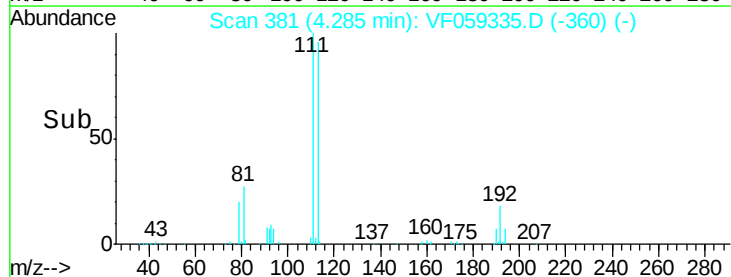
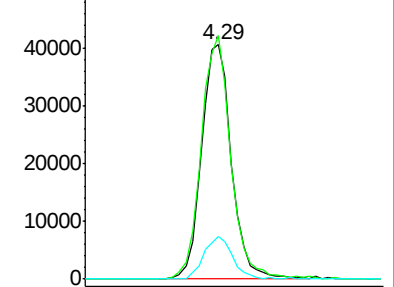
Tgt Ion:	113	Resp:	128826
Ion Ratio		Lower	Upper
113	100		
111	104.0	82.1	123.1
192	18.3	13.0	19.6

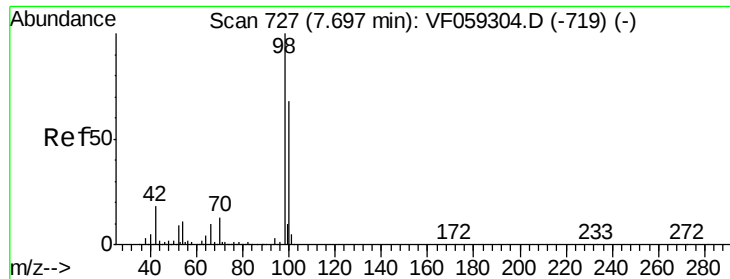


Abundance Ion 113.00 (112.70 to 113.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 192.00 (191.70 to 192.70): V





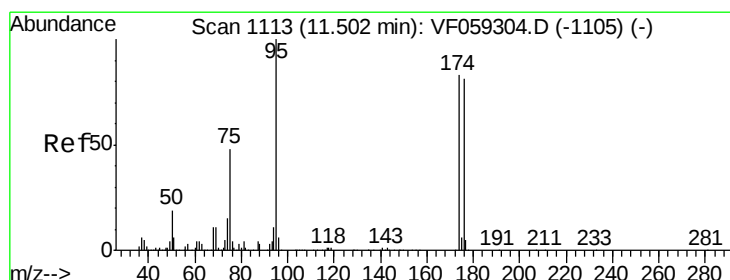
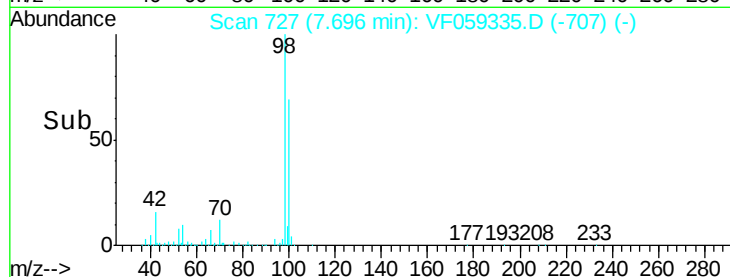
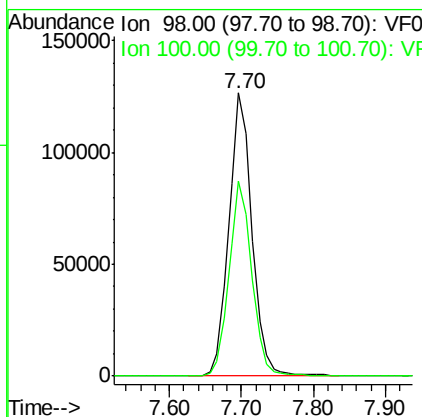
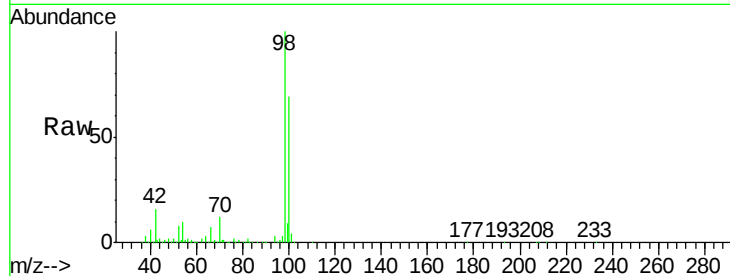
#50
Toluene-d8
Concen: 39.78 ug/l
RT: 7.70 min Scan# 727
Delta R.T. -0.00 min
Lab File: VF059335.D
Acq: 27 Jun 2018 13:28

Instrument :
MSVOA_F
ClientSampled :
TP-1-S

Tot Ion	Ion	Ratio	Resp	Lower	Upper
98	100		282396		
100	69.0		54.6		82.0

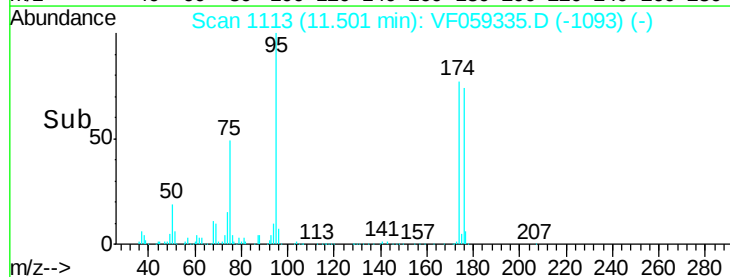
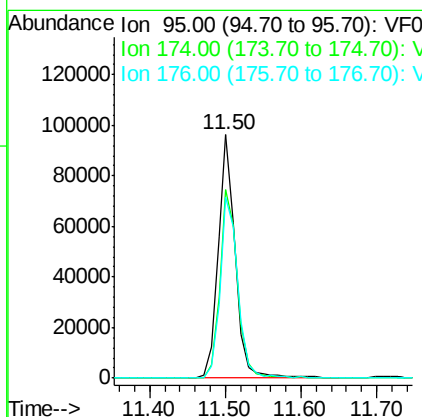
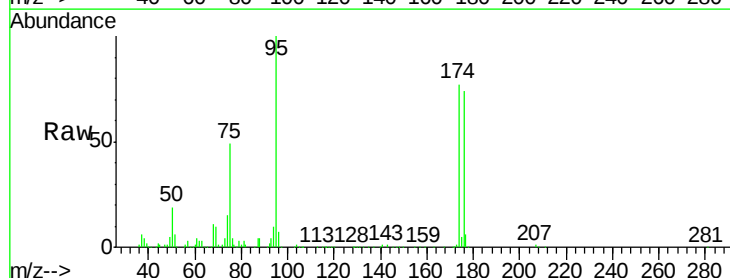
Manual Integrations
APPROVED

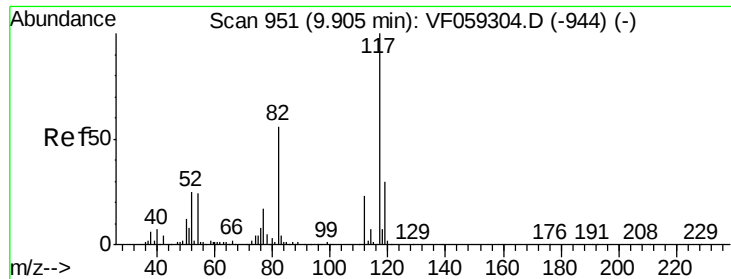
apatel
6/28/2018 11:09:55 AM



#62
4-Bromofluorobenzene
Concen: 38.08 ug/l
RT: 11.50 min Scan# 1113
Delta R.T. -0.00 min
Lab File: VF059335.D
Acq: 27 Jun 2018 13:28

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
95	100		152483		
174	77.4		0.0		165.2
176	74.3		0.0		161.0





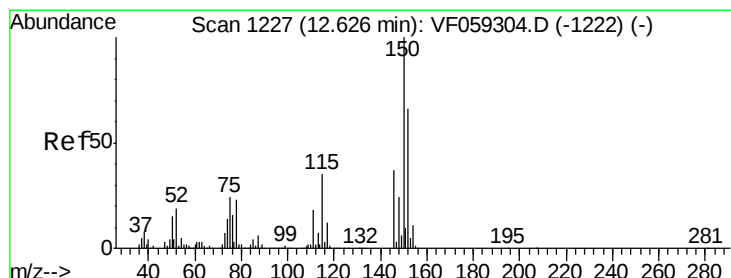
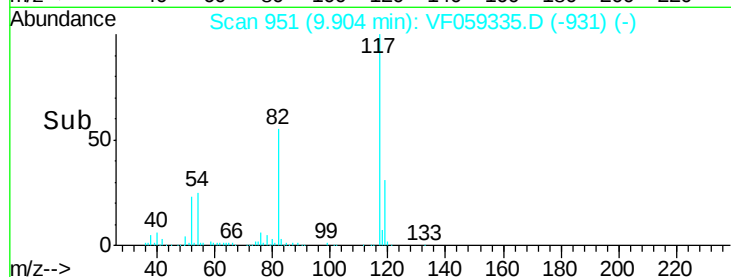
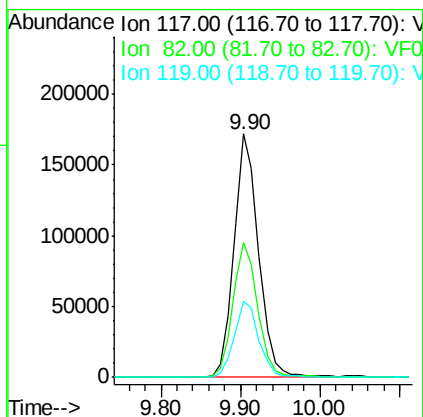
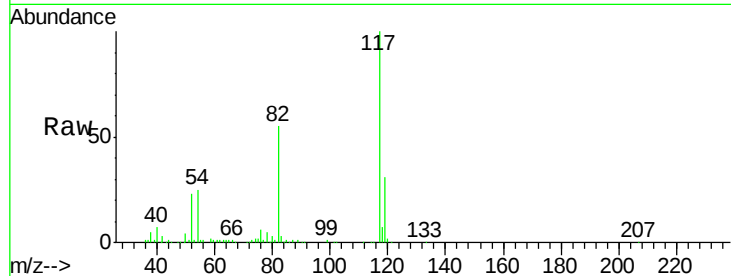
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.90 min Scan# 951
Delta R.T. -0.00 min
Lab File: VF059335.D
Acq: 27 Jun 2018 13:28

Instrument :
MSVOA_F
ClientSampleId :
TP-1-S

Tot Ion	Ratio	Lower	Upper
117	100		
82	55.2	44.6	66.8
119	31.1	24.1	36.1

Manual Integrations
APPROVED

apatel
6/28/2018 11:09:55 AM



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.62 min Scan# 1227
Delta R.T. -0.00 min
Lab File: VF059335.D
Acq: 27 Jun 2018 13:28

Tgt Ion	Ratio	Lower	Upper
152	100		
115	57.1	27.1	81.3
150	153.2	0.0	305.2

