

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF062018\
 Data File : VF059255.D
 Acq On : 21 Jun 2018 6:42
 Operator : VA/AP
 Sample : J3602-01
 Misc : 5.39g/5mL/MSVOA-F/SOIL
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 EPE-F-8(0-5)

Manual Integrations
 APPROVED

apatel
 6/21/2018 9:46:53 AM

Quant Time: Jun 21 08:13:24 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	5.04	168	211126	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.77	114	331061	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.92	117	308398	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.63	152	208811	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.02	65	162159	63.33	ug/l	0.00
Spiked Amount 50.000			Recovery	=	126.66%	
35) Dibromofluoromethane	4.29	113	143374	61.72	ug/l	0.00
Spiked Amount 50.000			Recovery	=	123.44%	
50) Toluene-d8	7.71	98	304607	44.63	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.26%	
62) 4-Bromofluorobenzene	11.51	95	195634	55.89	ug/l	0.00
Spiked Amount 50.000			Recovery	=	111.78%	
Target Compounds						
16) Acetone	2.34	43	59447	97.24	ug/l	92
20) Methylene Chloride	2.28	84	7383m	5.04	ug/l	

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

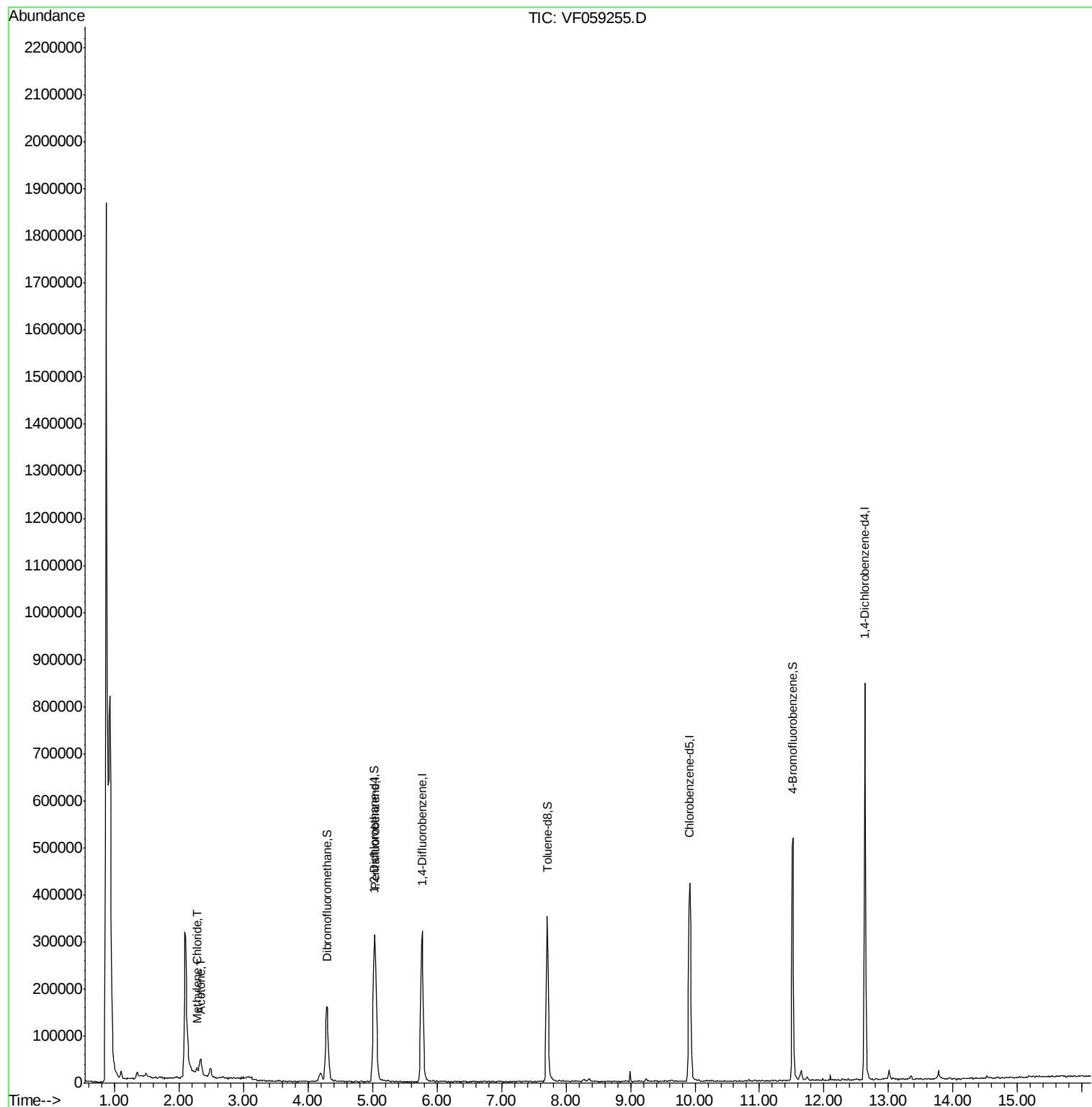
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF062018\
Data File : VF059255.D
Acq On : 21 Jun 2018 6:42
Operator : VA/AP
Sample : J3602-01
Misc : 5.39g/5mL/MSVOA-F/SOIL
ALS Vial : 32 Sample Multiplier: 1

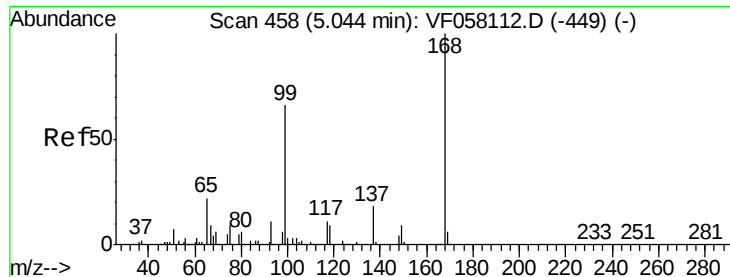
Instrument :
MSVOA_F
ClientSampleId :
EPE-F-8(0-5)

Manual Integrations
APPROVED

apatel
6/21/2018 9:46:53 AM

Quant Time: Jun 21 08:13:24 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: 5.04 min Scan# 457

Delta R.T. -0.00 min

Lab File: VF059255.D

Acq: 21 Jun 2018 6:42

Instrument :

MSVOA_F

ClientSampleId :

EPE-F-8(0-5)

Tot Ion:168 Resp: 211126

Ion Ratio Lower Upper

168 100

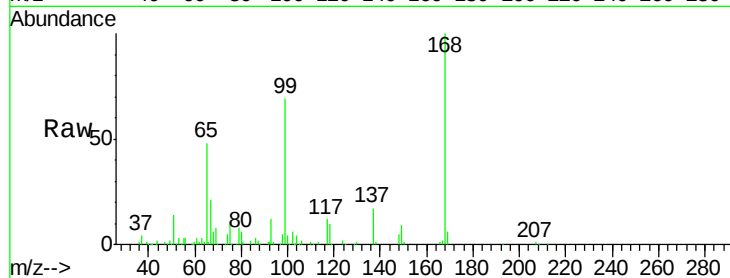
99 69.3 52.9 79.3

Manual Integrations

APPROVED

apatel

6/21/2018 9:46:53 AM



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

5.04

80000

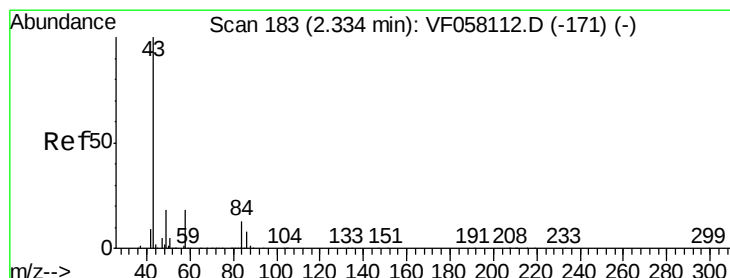
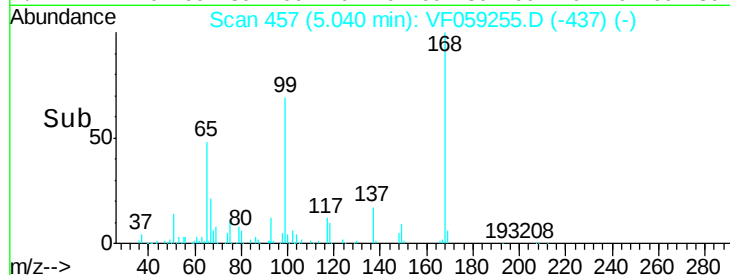
60000

40000

20000

0

Time-->



#16

Acetone

Concen: 97.24 ug/l

RT: 2.34 min Scan# 183

Delta R.T. 0.01 min

Lab File: VF059255.D

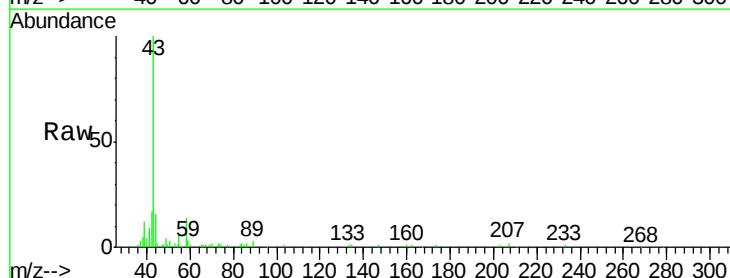
Acq: 21 Jun 2018 6:42

Tgt Ion: 43 Resp: 59447

Ion Ratio Lower Upper

43 100

58 14.5 14.4 21.6



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0

2.34

25000

20000

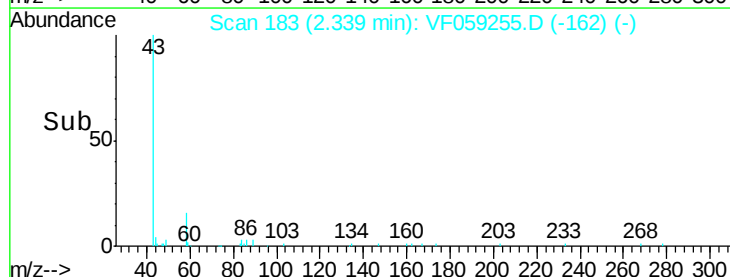
15000

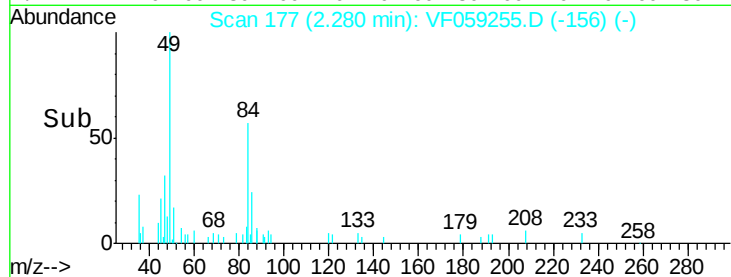
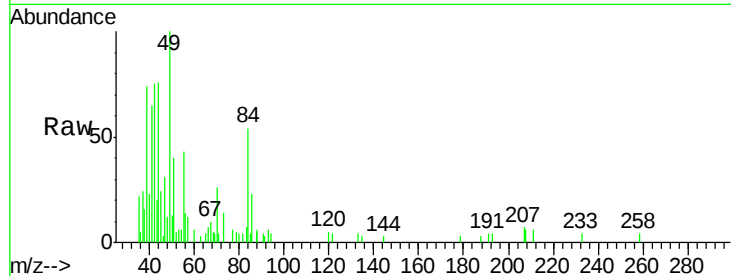
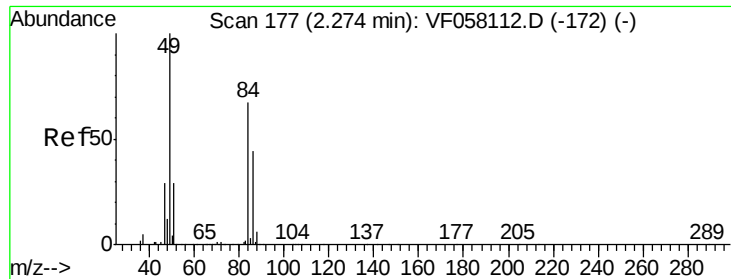
10000

5000

0

Time-->





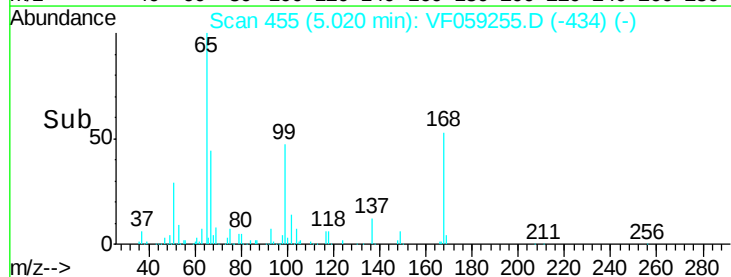
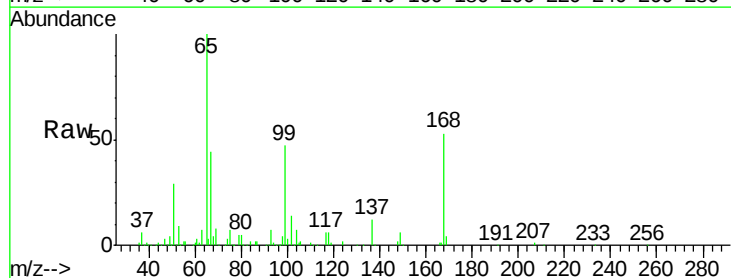
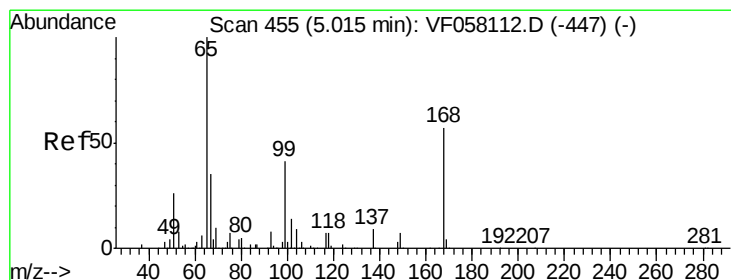
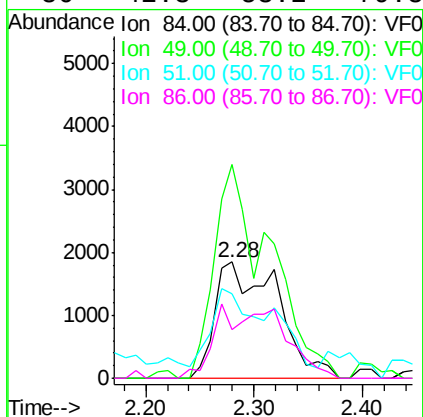
#20
Methvlene Chloride
Concen: 5.04 ug/l m
RT: 2.28 min Scan# 177
Delta R.T. 0.01 min
Lab File: VF059255.D
Acq: 21 Jun 2018 6:42

Tot Ion	Ion	Ratio	Lower	Upper
84	100			
49	184.2	121.0	181.4#	
51	73.3	35.8	53.6#	
86	42.3	53.2	79.8#	

Instrument :
MSVOA_F
ClientSampleId :
EPE-F-8(0-5)

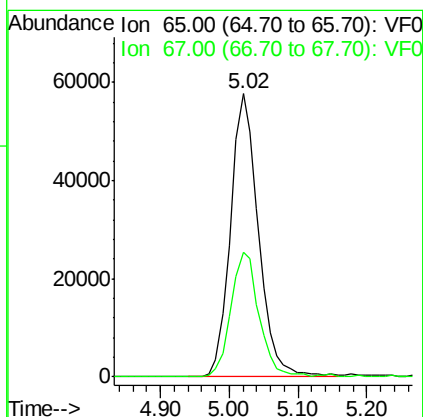
Manual Integrations
APPROVED

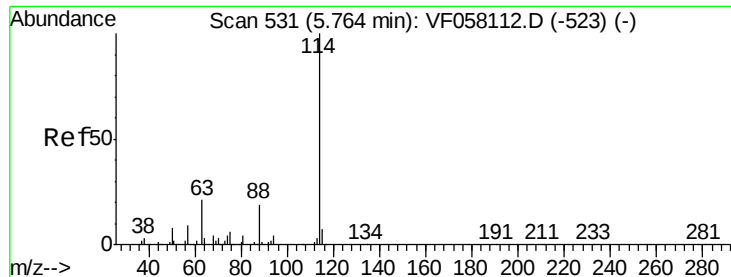
apatel
6/21/2018 9:46:53 AM



#33
1,2-Dichloroethane-d4
Concen: 63.33 ug/l
RT: 5.02 min Scan# 455
Delta R.T. 0.01 min
Lab File: VF059255.D
Acq: 21 Jun 2018 6:42

Tgt Ion	Ion	Ratio	Lower	Upper
65	100			
67	44.2	0.0	97.0	





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 5.77 min Scan# 531

Delta R.T. 0.01 min

Lab File: VF059255.D

Acq: 21 Jun 2018 6:42

Instrument :

MSVOA_F

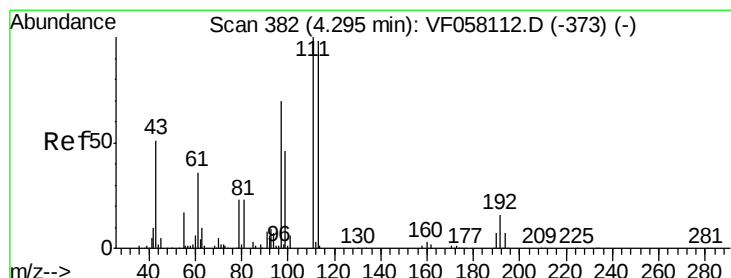
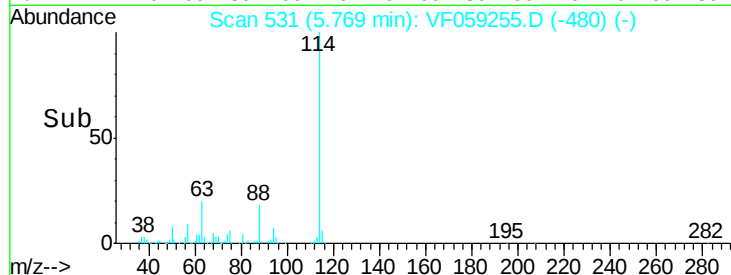
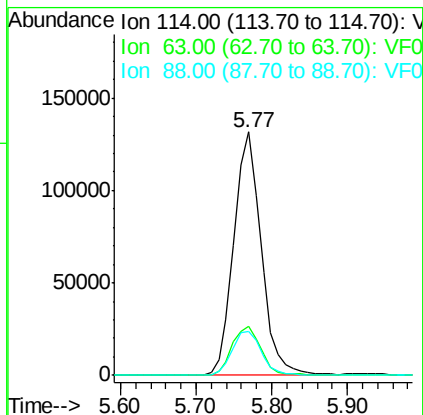
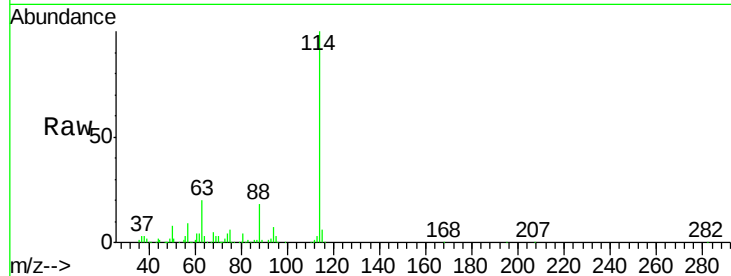
ClientSampleId :

EPE-F-8(0-5)

Tot Ion:	114	Resp:	331061
Ion Ratio	Lower	Upper	
114	100		
63	20.2	0.0	41.6
88	18.2	0.0	38.8

Manual Integrations
APPROVED

apatel
6/21/2018 9:46:53 AM



#35

Dibromofluoromethane

Concen: 61.72 ug/l

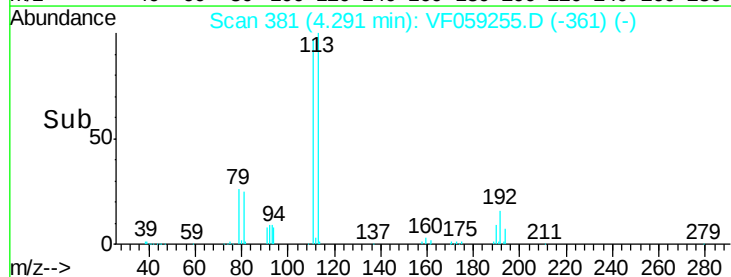
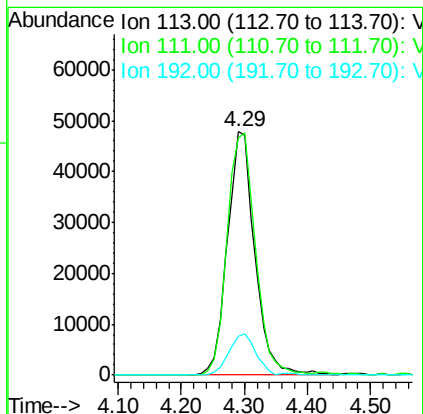
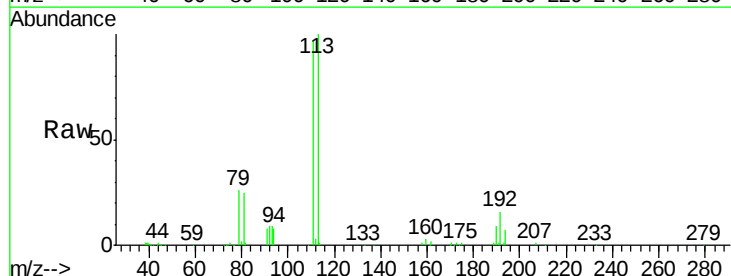
RT: 4.29 min Scan# 381

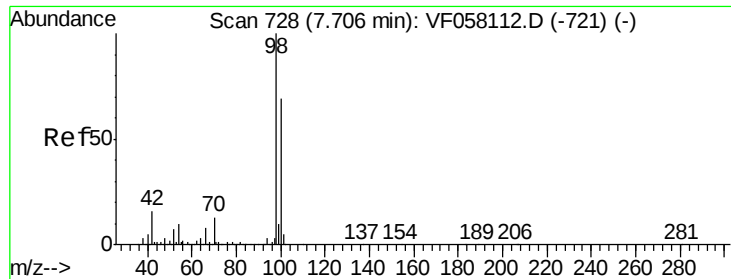
Delta R.T. -0.00 min

Lab File: VF059255.D

Acq: 21 Jun 2018 6:42

Tgt Ion:	113	Resp:	143374
Ion Ratio	Lower	Upper	
113	100		
111	97.2	81.3	121.9
192	15.9	12.7	19.1





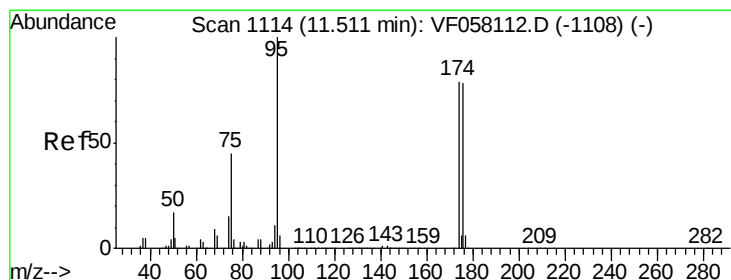
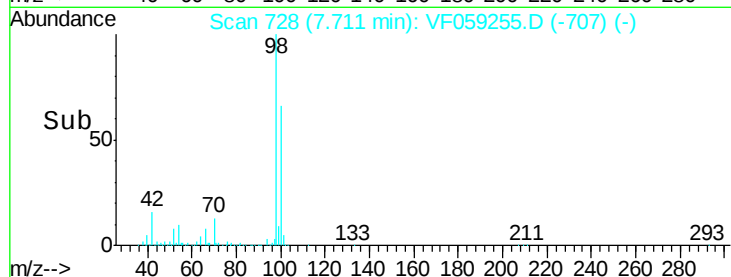
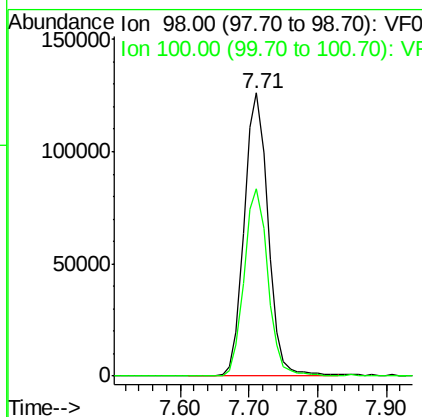
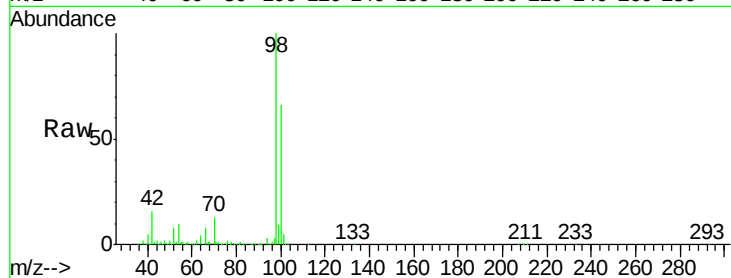
#50
Toluene-d8
Concen: 44.63 ug/l
RT: 7.71 min Scan# 728
Delta R.T. 0.01 min
Lab File: VF059255.D
Acq: 21 Jun 2018 6:42

Instrument :
MSVOA_F
ClientSampleId :
EPE-F-8(0-5)

Tot Ion	Ion	Ratio	Lower	Upper
98	100			
100	66.1	55.6	83.4	

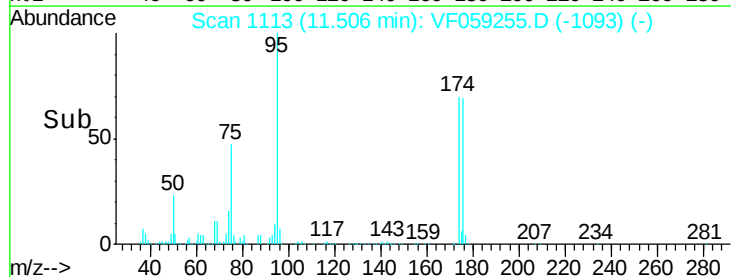
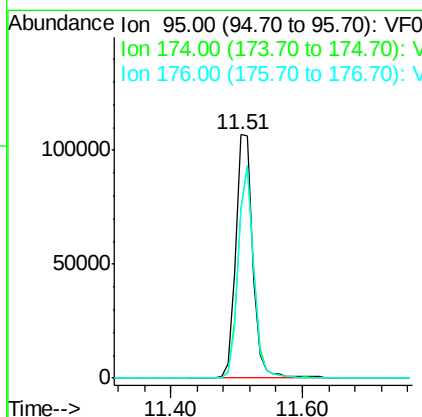
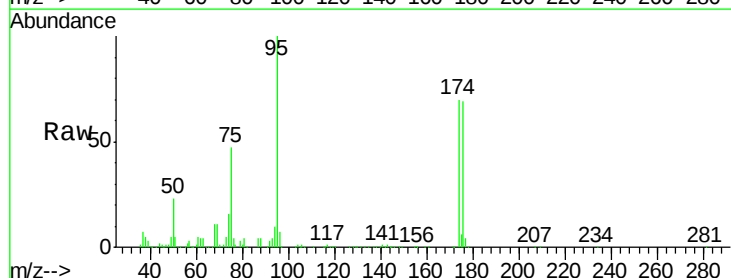
Manual Integrations
APPROVED

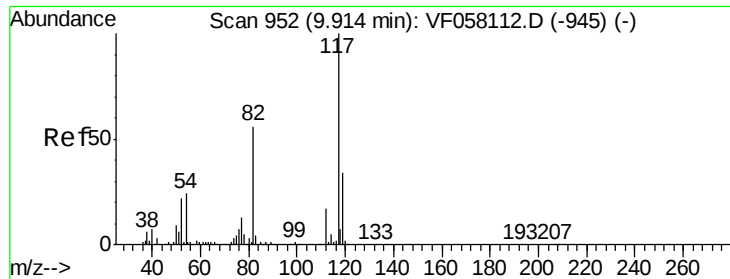
apatel
6/21/2018 9:46:53 AM



#62
4-Bromofluorobenzene
Concen: 55.89 ug/l
RT: 11.51 min Scan# 1113
Delta R.T. -0.00 min
Lab File: VF059255.D
Acq: 21 Jun 2018 6:42

Tgt Ion	Ion	Ratio	Lower	Upper
95	100			
174	69.9	0.0	157.8	
176	69.1	0.0	155.8	





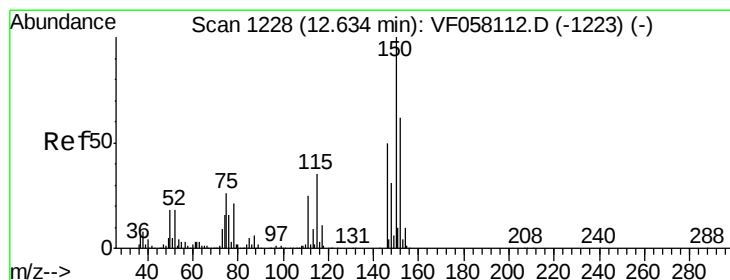
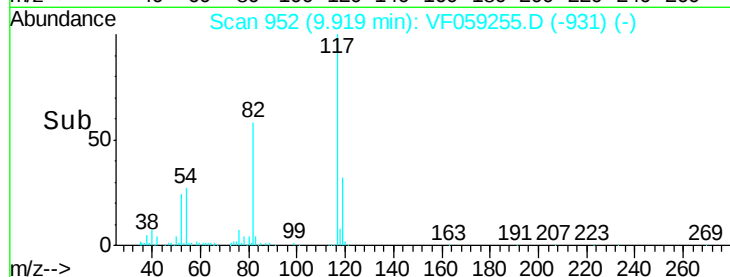
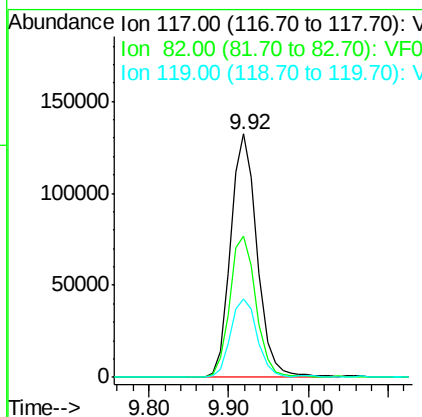
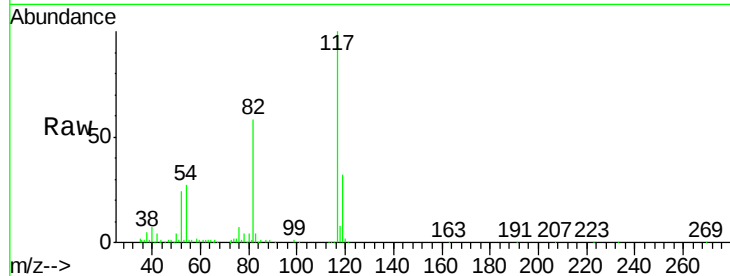
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.92 min Scan# 952
Delta R.T. 0.01 min
Lab File: VF059255.D
Acq: 21 Jun 2018 6:42

Instrument :
MSVOA_F
ClientSampleId :
EPE-F-8(0-5)

Tot Ion	Ratio	Resp	Lower	Upper
117	100	308398		
82	58.0		45.2	67.8
119	32.4		27.5	41.3

Manual Integrations
APPROVED

apatel
6/21/2018 9:46:53 AM



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.63 min Scan# 1227
Delta R.T. -0.00 min
Lab File: VF059255.D
Acq: 21 Jun 2018 6:42

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	208811		
115	64.5		28.5	85.5
150	160.4		0.0	323.8

