

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF121418\
 Data File : VF061019.D
 Acq On : 14 Dec 2018 14:46
 Operator : VA/AP
 Sample : J6403-05RE
 Misc : 2.03g/5mL/MSVOA-F/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 TP-1-BRE

Manual Integrations
 APPROVED

apatel
 12/15/2018 3:25:50 PM

Quant Time: Dec 15 00:52:15 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F112618S.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 27 01:36:26 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.85	168	152736	50.00	ug/l	-0.05
34) 1,4-Difluorobenzene	5.58	114	249919	50.00	ug/l	-0.05
63) Chlorobenzene-d5	9.77	117	209835	50.00	ug/l	-0.04
72) 1,4-Dichlorobenzene-d4	12.54	152	98011	50.00	ug/l	-0.04
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.83	65	71536	39.76	ug/l	-0.04
Spiked Amount 50.000			Recovery	=	79.52%	
35) Dibromofluoromethane	4.10	113	79945	40.32	ug/l	-0.05
Spiked Amount 50.000			Recovery	=	80.64%	
50) Toluene-d8	7.55	98	219326	37.55	ug/l	-0.05
Spiked Amount 50.000			Recovery	=	75.10%	
62) 4-Bromofluorobenzene	11.40	95	93507	35.23	ug/l	-0.04
Spiked Amount 50.000			Recovery	=	70.46%	
Target Compounds						
16) Acetone	2.23	43	27245	82.113	ug/l	Qvalue 100
20) Methylene Chloride	2.21	84	5787m	4.754	ug/l	

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

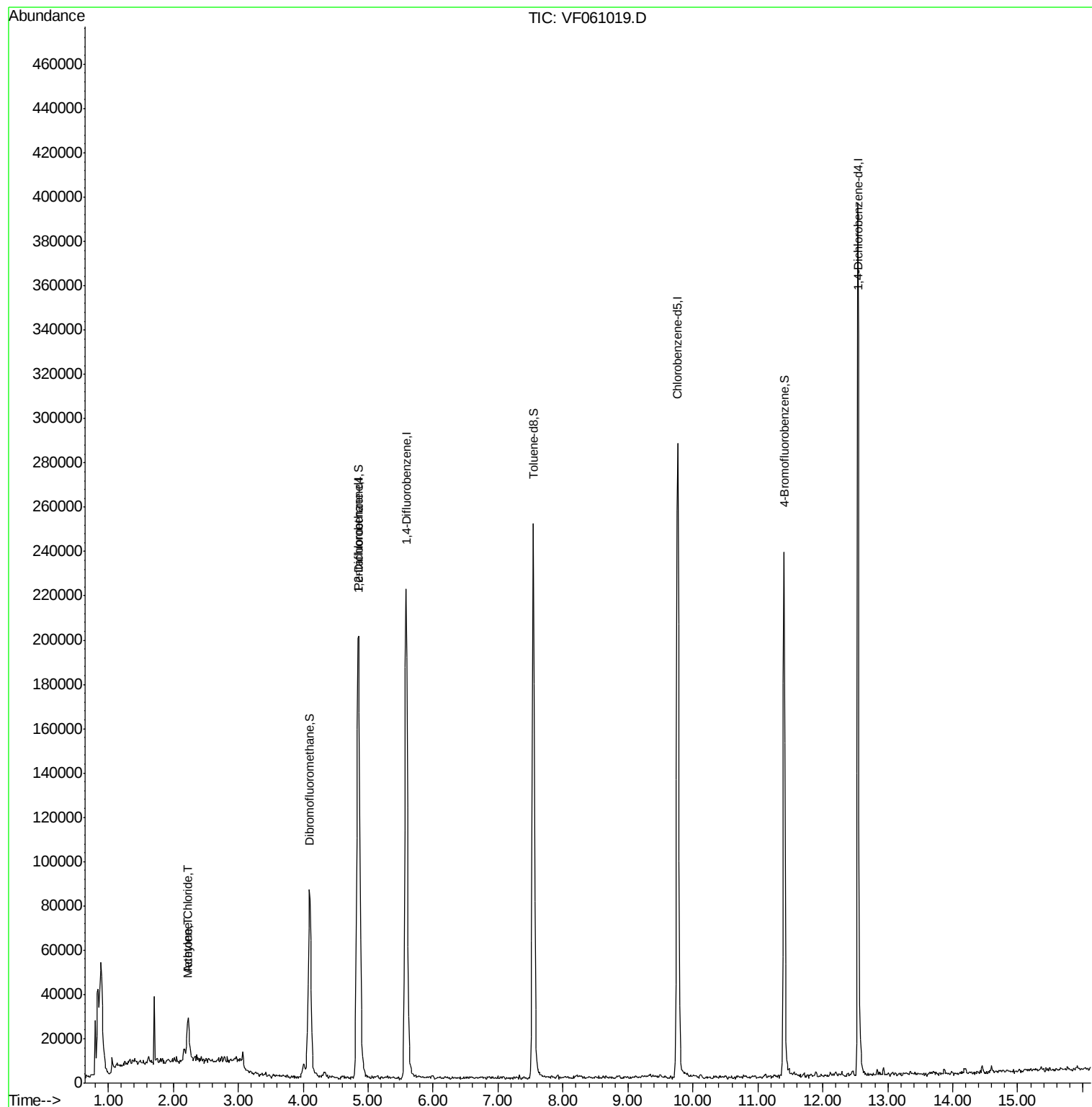
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_F\DATA\VF121418\
Data File : VF061019.D
Acq On : 14 Dec 2018 14:46
Operator : VA/AP
Sample : J6403-05RE
Misc : 2.03g/5mL/MSVOA-F/SOIL
ALS Vial : 7 Sample Multiplier: 1

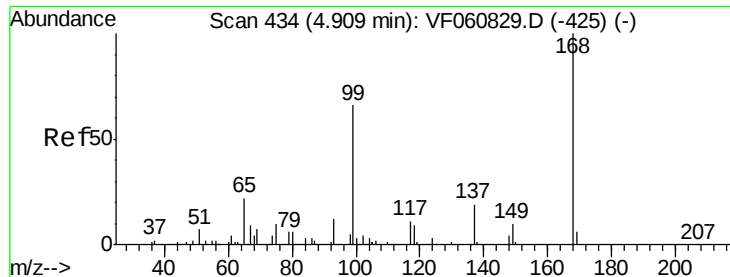
Instrument :
MSVOA_F
ClientSampleId :
TP-1-BRE

Manual Integrations
APPROVED

apatel
12/15/2018 3:25:50 PM

Quant Time: Dec 15 00:52:15 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F112618S.M
Quant Title : SW846 8260
QLast Update : Tue Nov 27 01:36:26 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.85 min Scan# 428

Delta R.T. -0.05 min

Lab File: VF061019.D

Acq: 14 Dec 2018 14:46

Instrument :

MSVOA_F

ClientSampleId :

TP-1-BRE

Tgt Ion:168 Resp: 152736

Ion Ratio Lower Upper

168 100

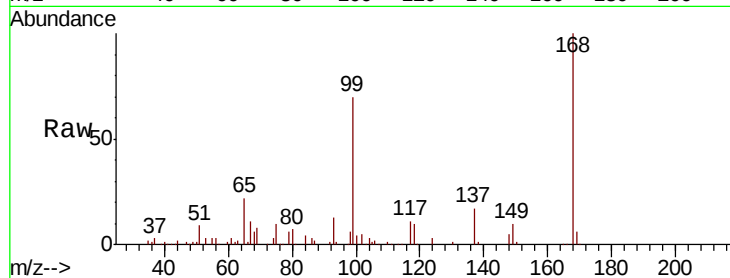
99 69.8 52.6 79.0

Manual Integrations

APPROVED

apatel

12/15/2018 3:25:50 PM



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

4.85

60000

50000

40000

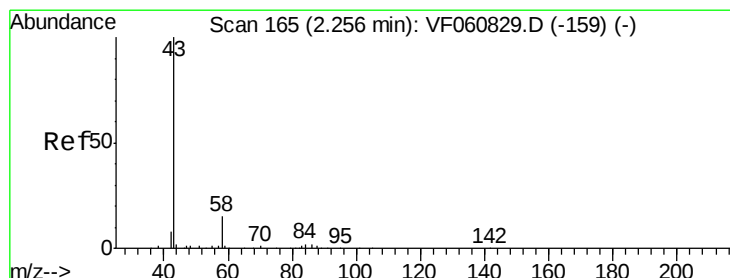
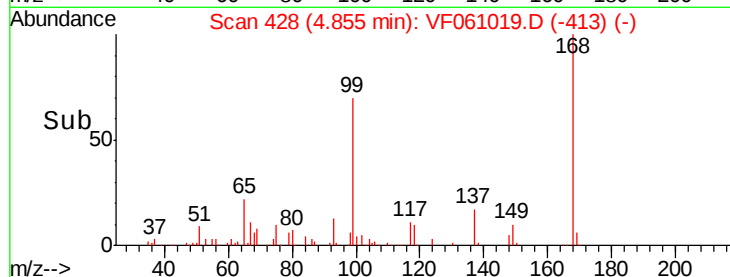
30000

20000

10000

0

Time-->



#16

Acetone

Concen: 82.113 ug/l

RT: 2.23 min Scan# 162

Delta R.T. -0.03 min

Lab File: VF061019.D

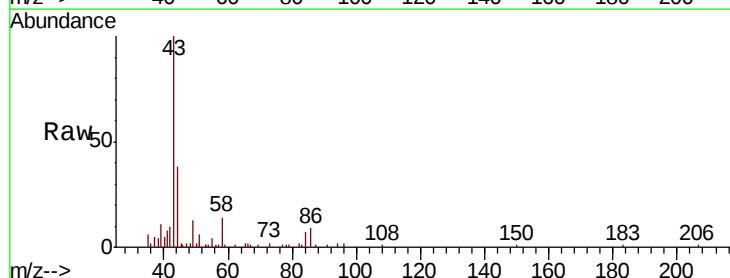
Acq: 14 Dec 2018 14:46

Tgt Ion: 43 Resp: 27245

Ion Ratio Lower Upper

43 100

58 14.5 11.4 17.2



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0

12000

10000

8000

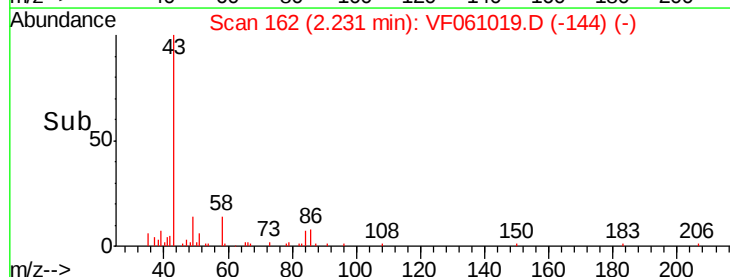
6000

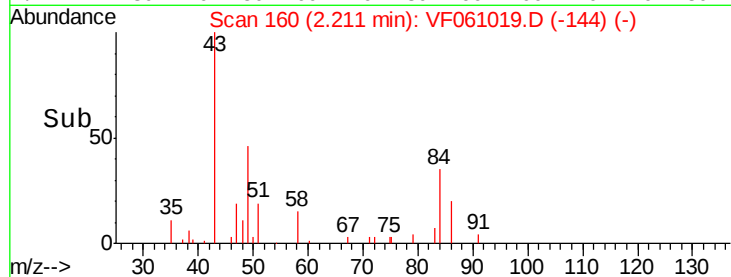
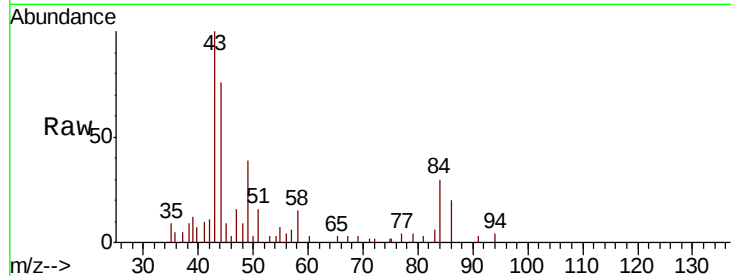
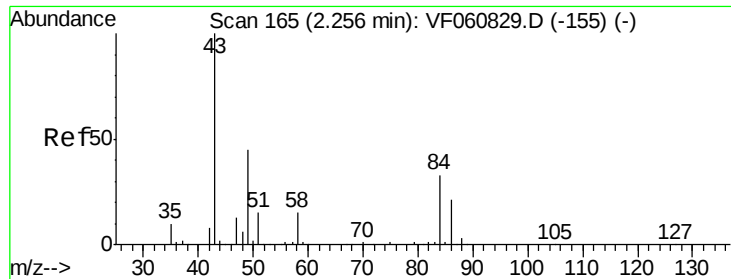
4000

2000

0

Time-->





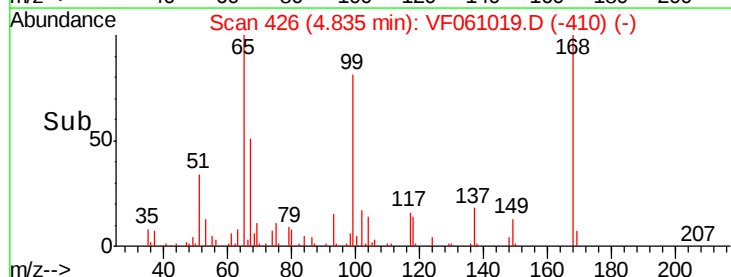
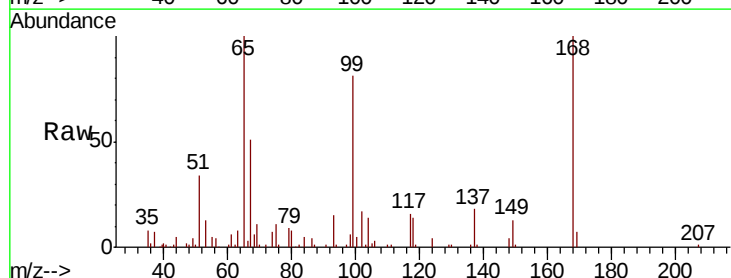
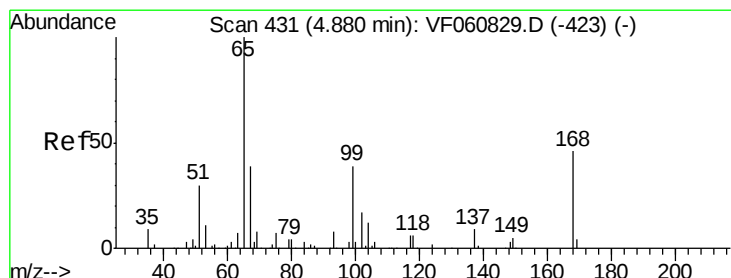
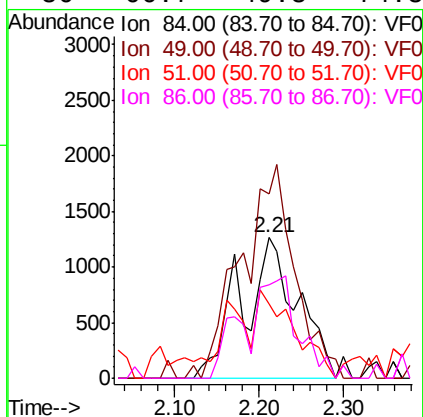
#20
Methylene Chloride
Concen: 4.754 ug/l m
RT: 2.21 min Scan# 160
Delta R.T. -0.04 min
Lab File: VF061019.D
Acq: 14 Dec 2018 14:46

Tgt Ion	Ratio	Lower	Upper
84	100		
49	131.2	111.3	166.9
51	53.0	38.0	57.0
86	66.7	49.8	74.8

Instrument :
MSVOA_F
ClientSampleId :
TP-1-BRE

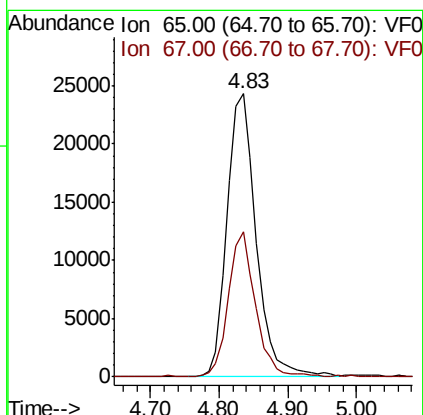
Manual Integrations
APPROVED

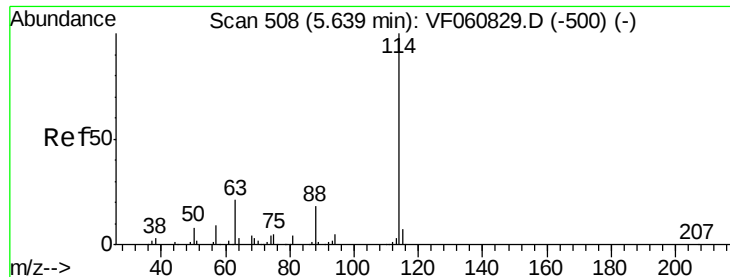
apatel
12/15/2018 3:25:50 PM



#33
1,2-Dichloroethane-d4
Concen: 39.758 ug/l
RT: 4.83 min Scan# 426
Delta R.T. -0.04 min
Lab File: VF061019.D
Acq: 14 Dec 2018 14:46

Tgt Ion	Ratio	Lower	Upper
65	100		
67	51.2	0.0	96.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.58 min Scan# 502

Delta R.T. -0.05 min

Lab File: VF061019.D

Acq: 14 Dec 2018 14:46

Instrument :

MSVOA_F

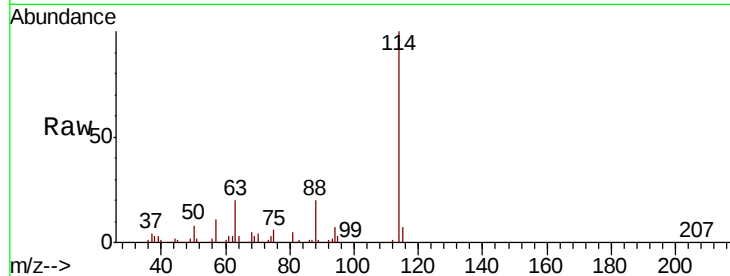
ClientSampleId :

TP-1-BRE

Tgt Ion:	114	Resp:	249919
Ion Ratio		Lower	Upper
114	100		
63	20.1	0.0	41.6
88	19.6	0.0	36.6

Manual Integrations
APPROVED

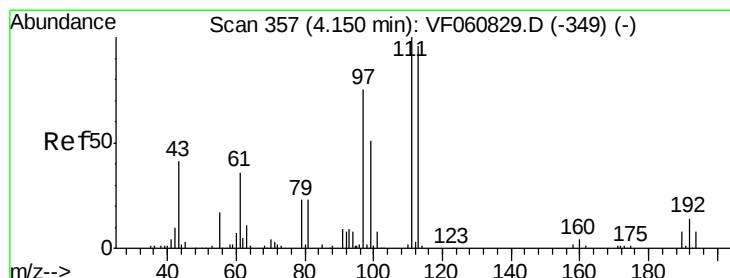
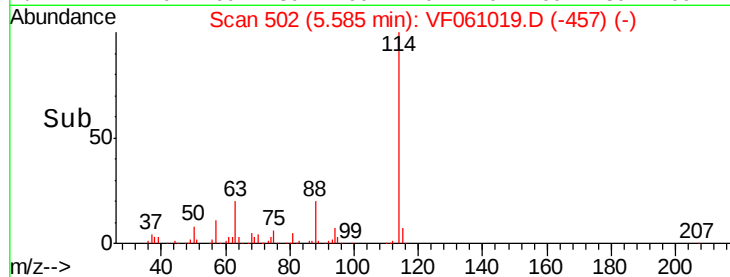
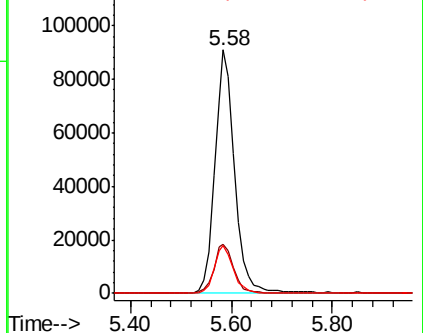
apatel
12/15/2018 3:25:50 PM



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: 40.322 ug/l

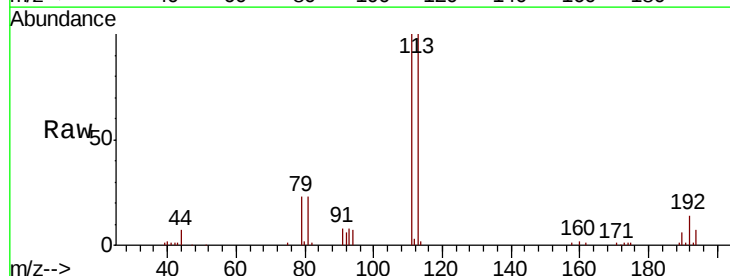
RT: 4.10 min Scan# 351

Delta R.T. -0.05 min

Lab File: VF061019.D

Acq: 14 Dec 2018 14:46

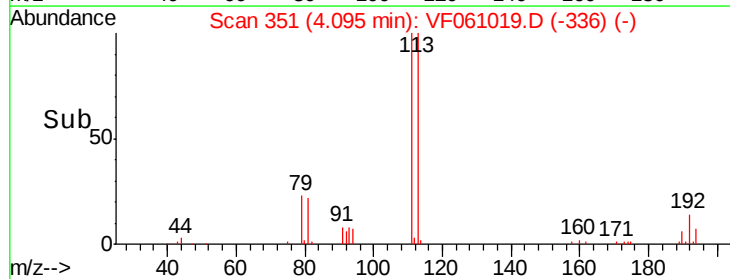
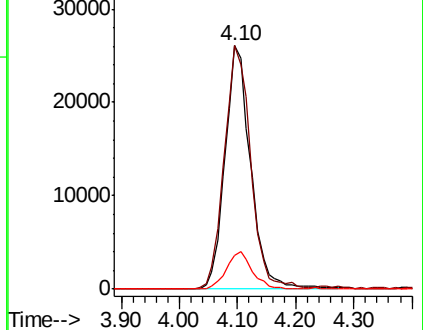
Tgt Ion:	113	Resp:	79945
Ion Ratio		Lower	Upper
113	100		
111	98.0	83.0	124.6
192	13.5	12.3	18.5

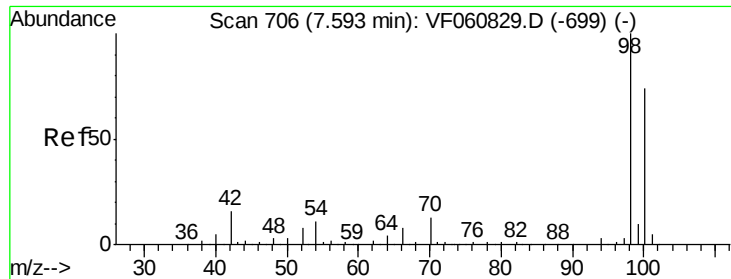


Abundance Ion 113.00 (112.70 to 113.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 192.00 (191.70 to 192.70): V





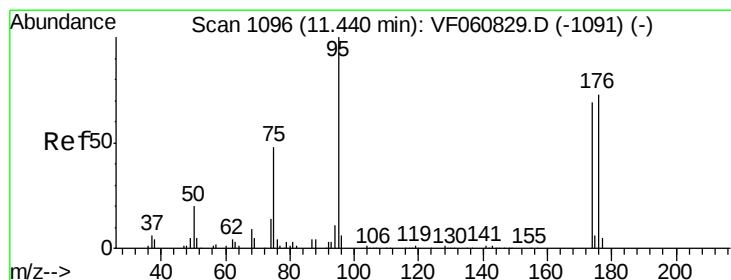
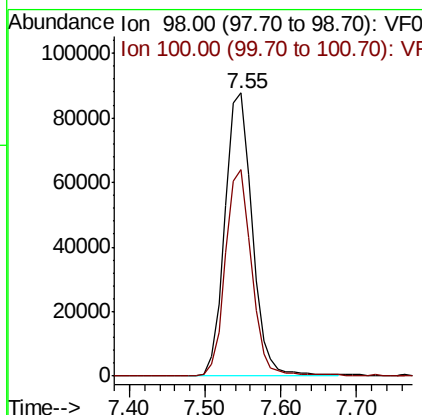
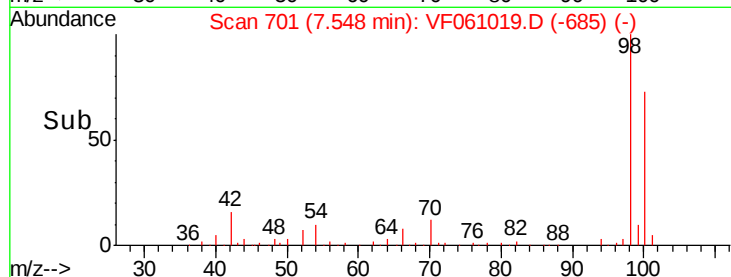
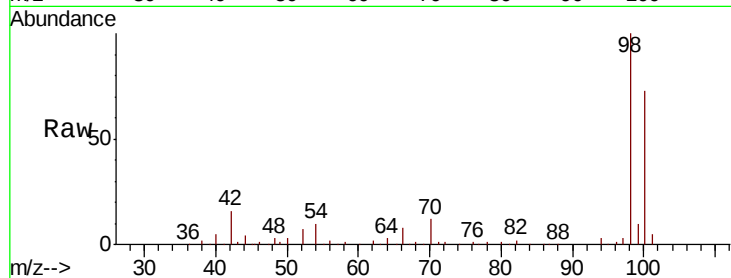
#50
Toluene-d8
Concen: 37.554 ug/l
RT: 7.55 min Scan# 701
Delta R.T. -0.05 min
Lab File: VF061019.D
Acq: 14 Dec 2018 14:46

Instrument :
MSVOA_F
ClientSampleId :
TP-1-BRE

Tgt Ion: 98 Resp: 219326
Ion Ratio Lower Upper
98 100
100 73.2 59.3 88.9

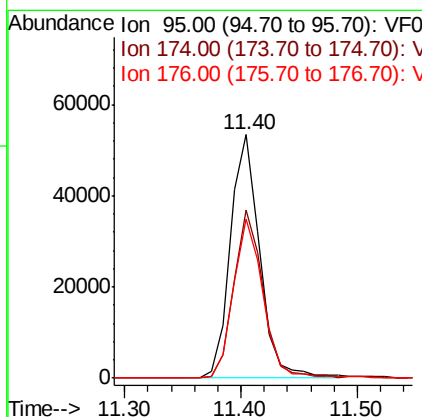
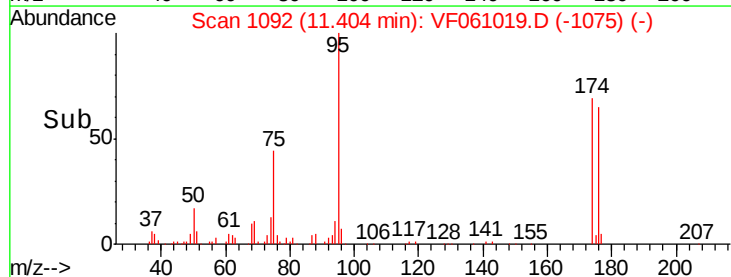
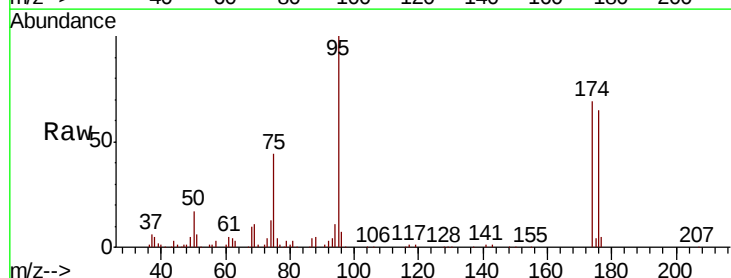
Manual Integrations
APPROVED

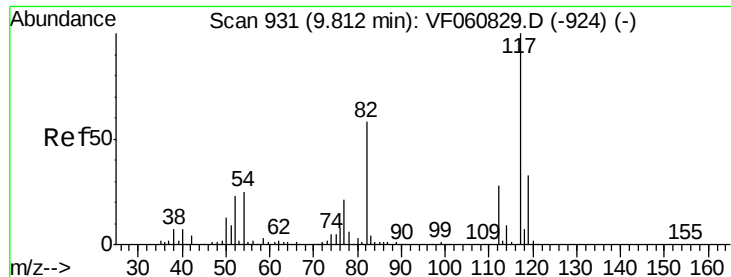
apatel
12/15/2018 3:25:50 PM



#62
4-Bromofluorobenzene
Concen: 35.228 ug/l
RT: 11.40 min Scan# 1092
Delta R.T. -0.04 min
Lab File: VF061019.D
Acq: 14 Dec 2018 14:46

Tgt Ion: 95 Resp: 93507
Ion Ratio Lower Upper
95 100
174 69.0 0.0 138.2
176 65.5 0.0 146.2





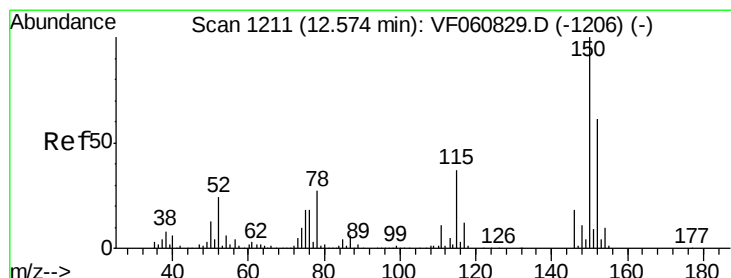
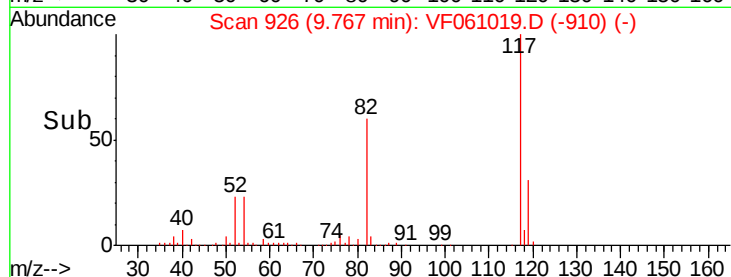
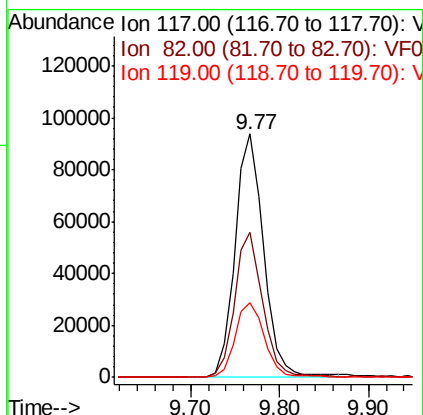
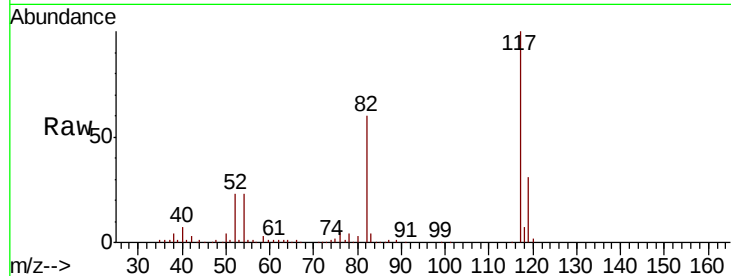
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.77 min Scan# 926
Delta R.T. -0.04 min
Lab File: VF061019.D
Acq: 14 Dec 2018 14:46

Instrument :
MSVOA_F
ClientSampleId :
TP-1-BRE

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	209835		
82	59.8	46.6	69.8	
119	30.7	26.4	39.6	

Manual Integrations
APPROVED

apatel
12/15/2018 3:25:50 PM



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.54 min Scan# 1207
Delta R.T. -0.04 min
Lab File: VF061019.D
Acq: 14 Dec 2018 14:46

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	98011		
115	66.8	30.1	90.5	
150	159.7	0.0	327.6	

