

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF122618\
 Data File : VF061181.D
 Acq On : 26 Dec 2018 11:40
 Operator : VA/AP
 Sample : VF1226SBL01
 Misc : 5.00g/5mL/MSVOA-F/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 VF1226SBL01

Manual Integrations
 APPROVED

apatel
 12/27/2018 4:18:49 PM

Quant Time: Dec 27 00:10:40 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F121918S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 20 00:56:59 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.85	168	193107	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	5.57	114	347822	50.00	ug/l	-0.02
63) Chlorobenzene-d5	9.76	117	324604	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	12.54	152	186265	50.00	ug/l	-0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.82	65	128833	51.87	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	103.74%	
35) Dibromofluoromethane	4.09	113	143859	51.63	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	103.26%	
50) Toluene-d8	7.54	98	362229	45.88	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	91.76%	
62) 4-Bromofluorobenzene	11.39	95	183109	50.30	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	100.60%	
Target Compounds						
20) Methylene Chloride	2.24	84	24642m	12.129	ug/l	Qvalue

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

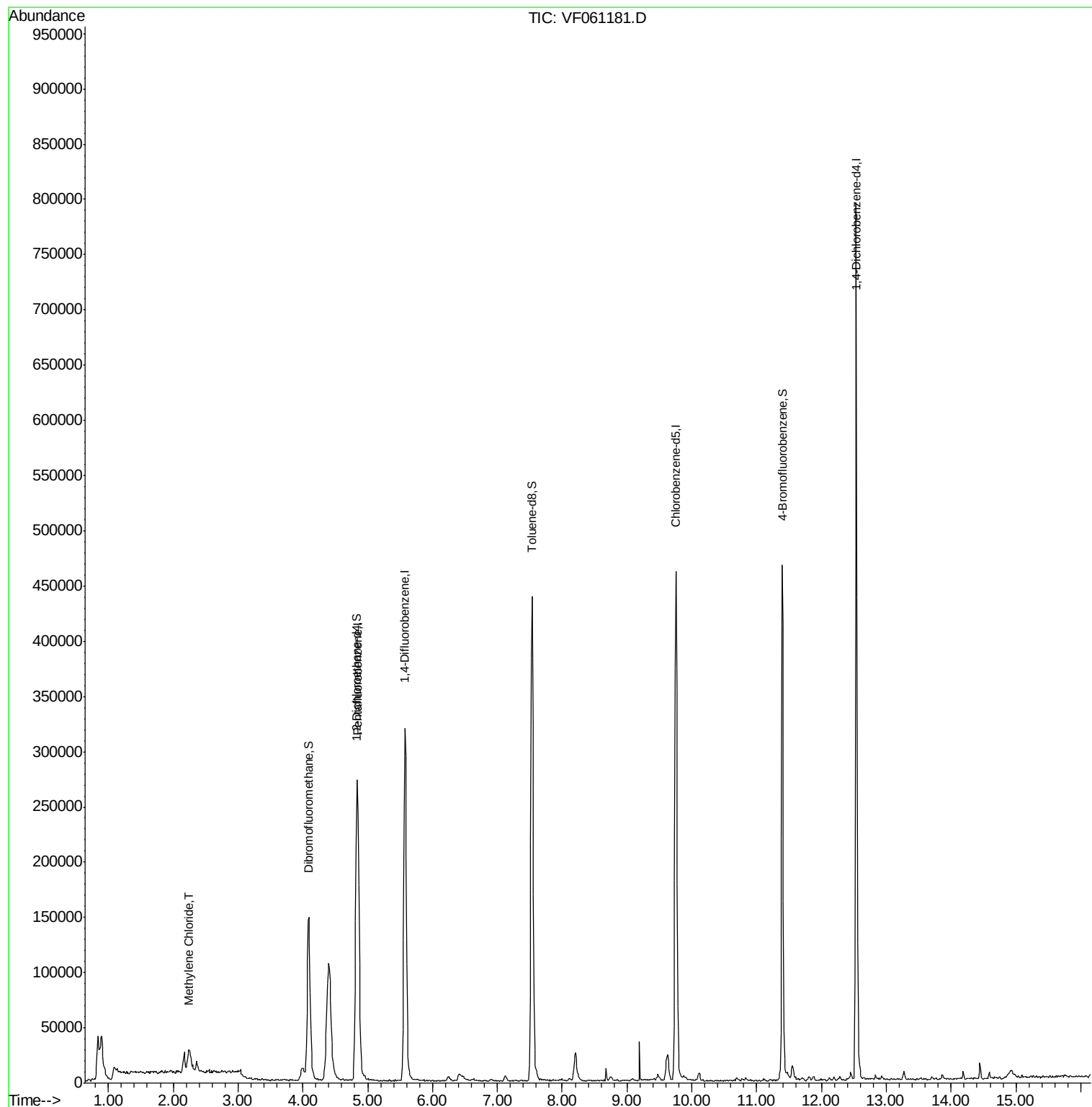
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF122618\
Data File : VF061181.D
Acq On : 26 Dec 2018 11:40
Operator : VA/AP
Sample : VF1226SBL01
Misc : 5.00g/5mL/MSVOA-F/SOIL
ALS Vial : 3 Sample Multiplier: 1

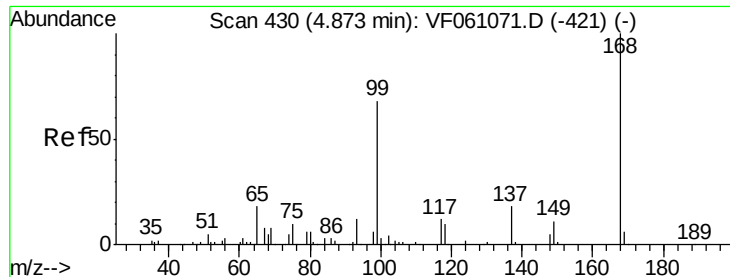
Instrument :
MSVOA_F
ClientSampleId :
VF1226SBL01

Manual Integrations
APPROVED

apatel
12/27/2018 4:18:49 PM

Quant Time: Dec 27 00:10:40 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F121918S.M
Quant Title : SW846 8260
QLast Update : Thu Dec 20 00:56:59 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.85 min Scan# 428

Delta R.T. -0.02 min

Lab File: VF061181.D

Acq: 26 Dec 2018 11:40

Instrument :

MSVOA_F

ClientSampleId :

VF1226SBL01

Tot Ion:168 Resp: 193107

Ion Ratio Lower Upper

168 100

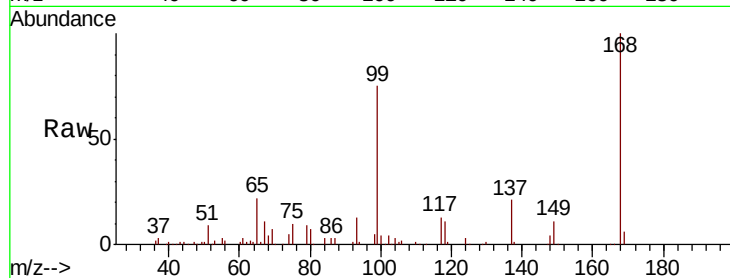
99 74.8 54.4 81.6

Manual Integrations

APPROVED

apatel

12/27/2018 4:18:49 PM



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

4.85

60000

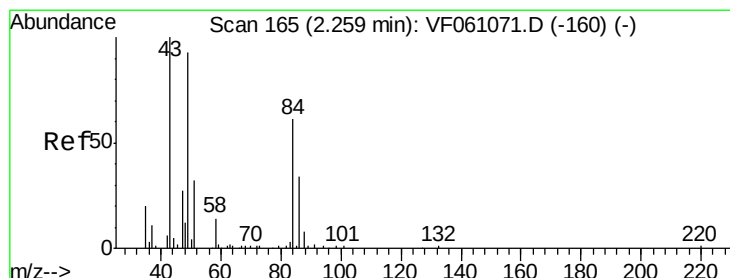
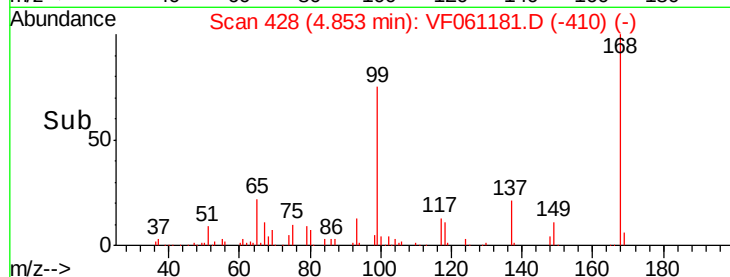
40000

20000

0

Time-->

4.70 4.80 4.90 5.00 5.10



#20

Methylene Chloride

Concen: 12.129 ug/l m

RT: 2.24 min Scan# 163

Delta R.T. -0.02 min

Lab File: VF061181.D

Acq: 26 Dec 2018 11:40

Tgt Ion: 84 Resp: 24642

Ion Ratio Lower Upper

84 100

49 123.8 129.4 194.2#

51 40.6 44.0 66.0#

86 61.6 46.3 69.5

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

10000

8000

6000

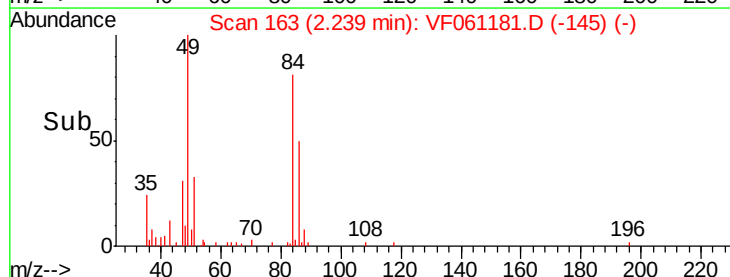
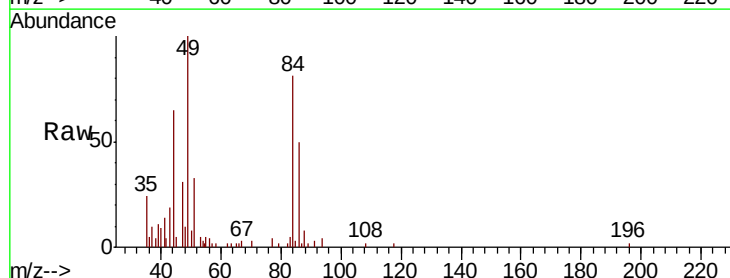
4000

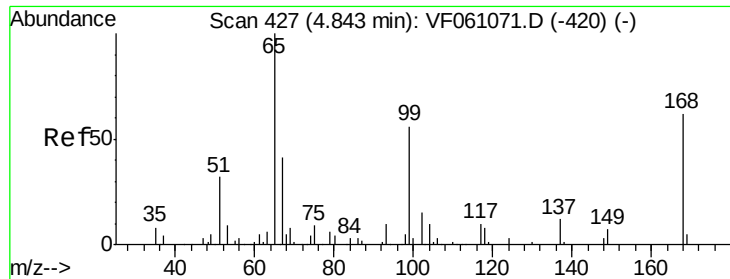
2000

0

Time-->

2.00 2.20 2.40





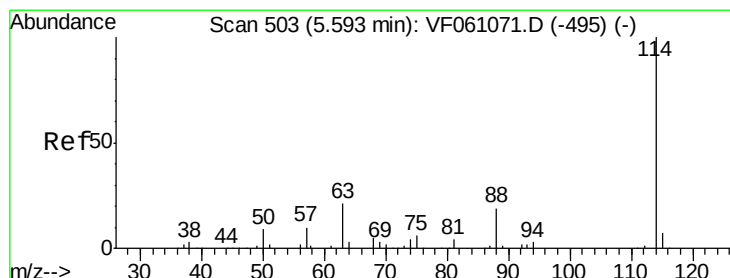
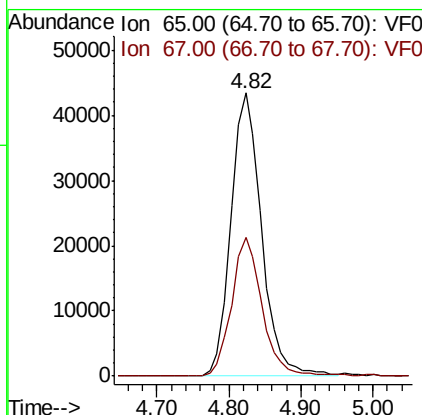
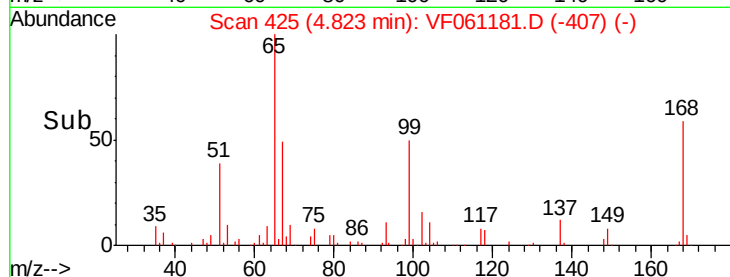
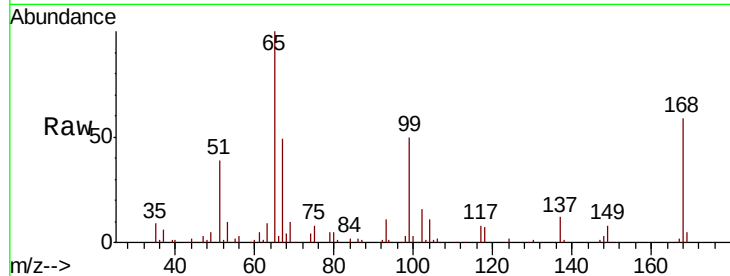
#33
 1,2-Dichloroethane-d4
 Concen: 51.872 ug/l
 RT: 4.82 min Scan# 425
 Delta R.T. -0.02 min
 Lab File: VF061181.D
 Acq: 26 Dec 2018 11:40

Instrument :
 MSVOA_F
 ClientSampleID :
 VF1226SBL01

Tot Ion	Ratio	Resp	Lower	Upper
65	100	128833		
67	49.2	0.0	94.6	

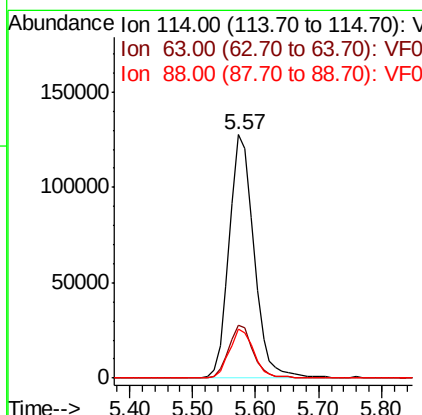
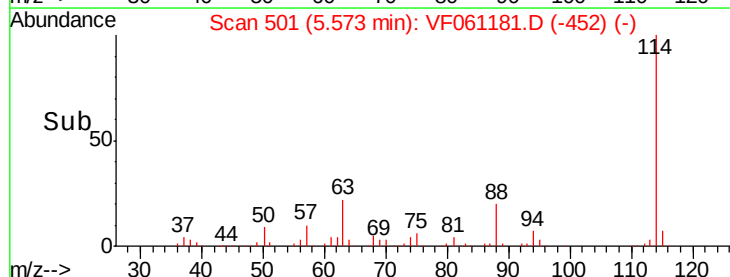
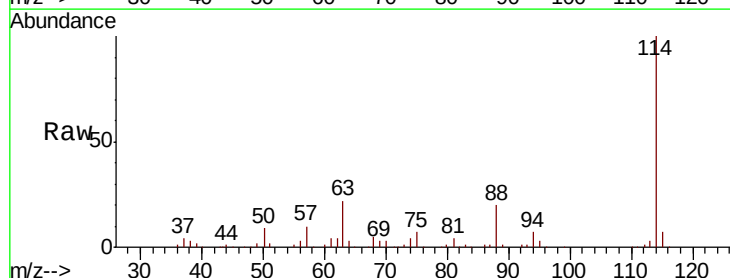
Manual Integrations
 APPROVED

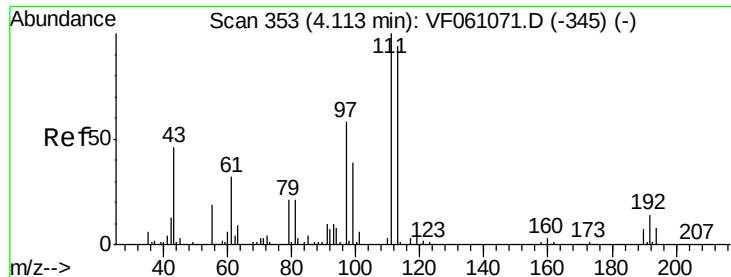
apatel
 12/27/2018 4:18:49 PM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.57 min Scan# 501
 Delta R.T. -0.02 min
 Lab File: VF061181.D
 Acq: 26 Dec 2018 11:40

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	347822		
63	21.9	0.0	41.6	
88	19.9	0.0	38.0	





#35

Dibromofluoromethane

Concen: 51.632 ug/l

RT: 4.09 min Scan# 351

Delta R.T. -0.02 min

Lab File: VF061181.D

Acq: 26 Dec 2018 11:40

Instrument :

MSVOA_F

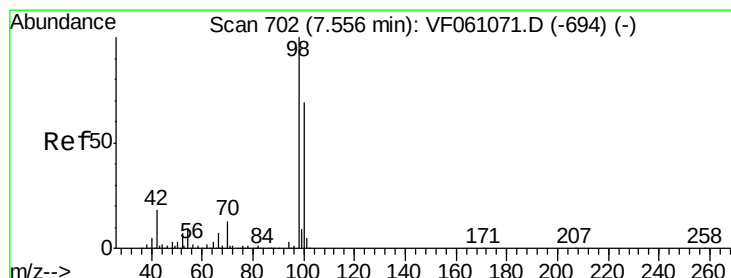
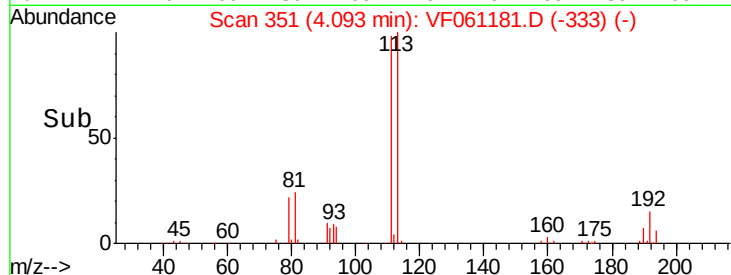
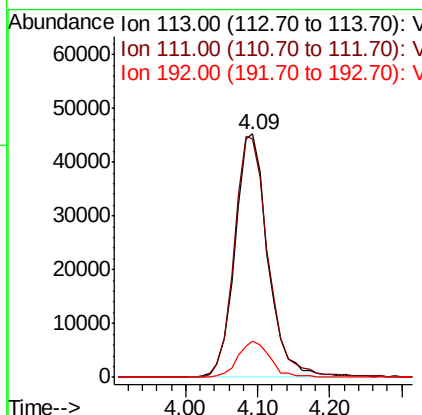
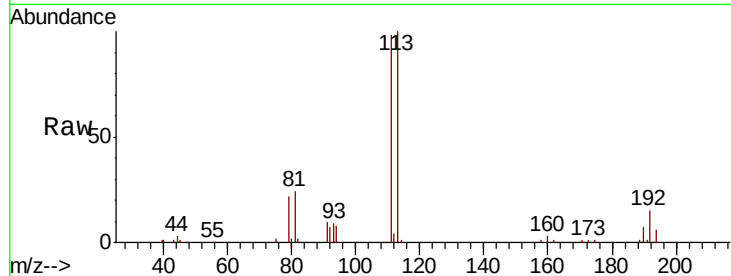
ClientSampleId :

VF1226SBL01

Tot Ion:	113	Resp:	143859
Ion Ratio	Lower	Upper	
113	100		
111	97.8	85.2	127.8
192	15.1	12.8	19.2

Manual Integrations
APPROVED

apatel
12/27/2018 4:18:49 PM



#50

Toluene-d8

Concen: 45.876 ug/l

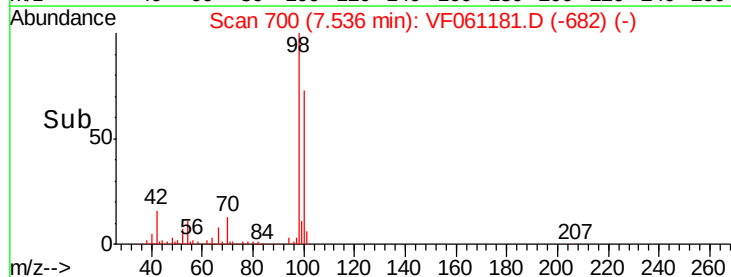
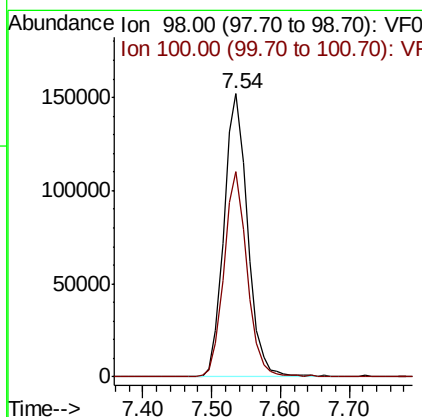
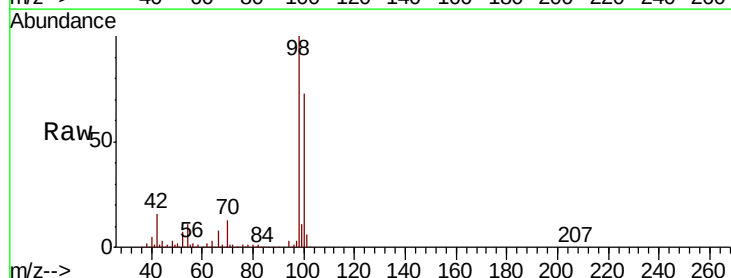
RT: 7.54 min Scan# 700

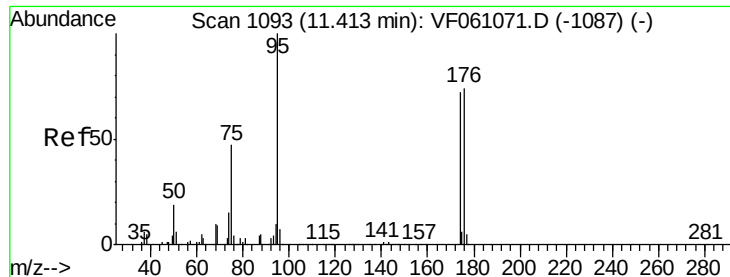
Delta R.T. -0.02 min

Lab File: VF061181.D

Acq: 26 Dec 2018 11:40

Tgt Ion:	98	Resp:	362229
Ion Ratio	Lower	Upper	
98	100		
100	72.6	55.3	82.9





#62

4-Bromofluorobenzene

Concen: 50.303 ug/l

RT: 11.39 min Scan# 1091

Delta R.T. -0.02 min

Lab File: VF061181.D

Acq: 26 Dec 2018 11:40

Instrument :

MSVOA_F

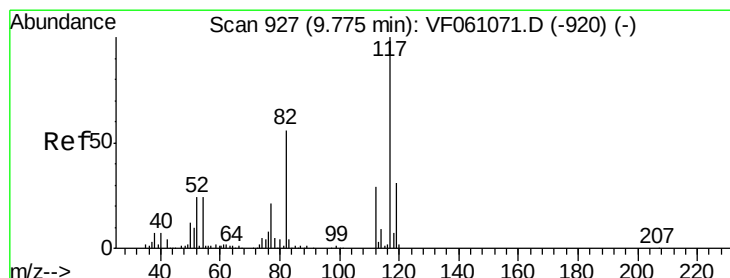
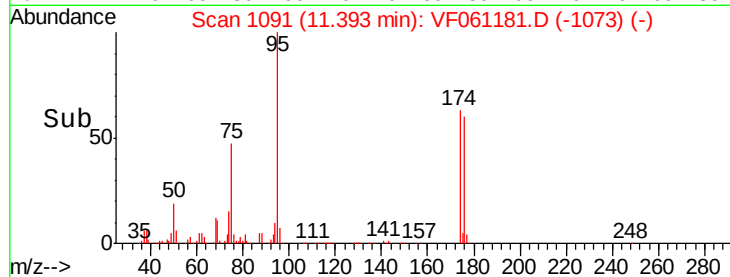
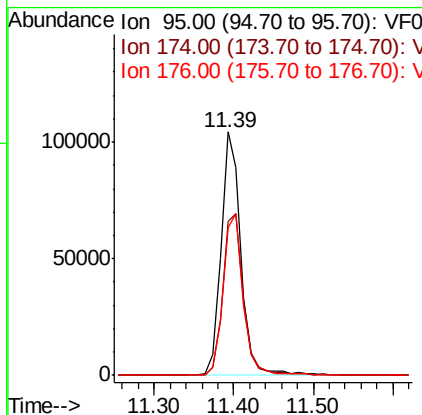
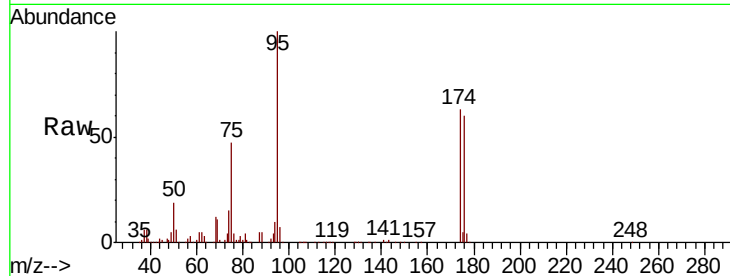
ClientSampleId :

VF1226SBL01

Tot Ion:	95	Resp:	183109
Ion Ratio	Lower	Upper	
95	100		
174	63.0	0.0	143.8
176	60.4	0.0	147.6

Manual Integrations
APPROVED

apatel
12/27/2018 4:18:49 PM



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

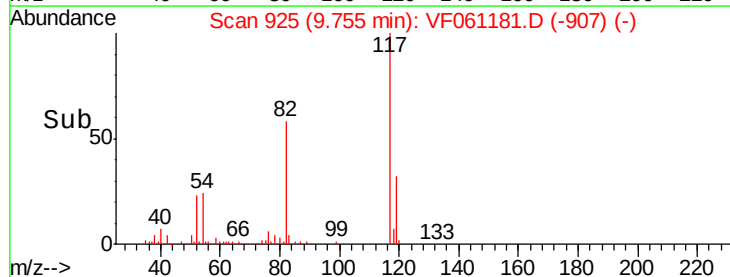
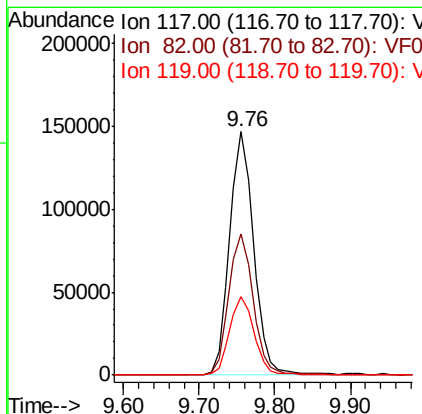
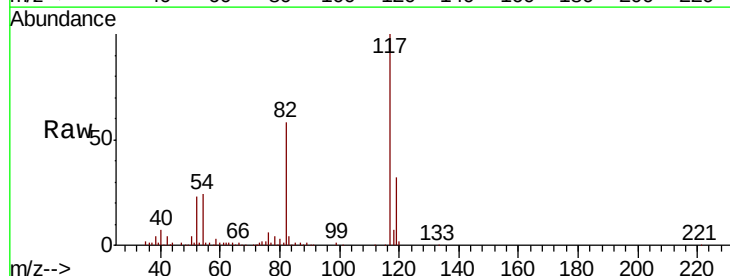
RT: 9.76 min Scan# 925

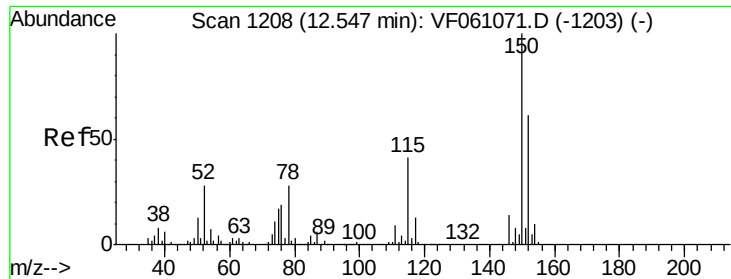
Delta R.T. -0.02 min

Lab File: VF061181.D

Acq: 26 Dec 2018 11:40

Tgt Ion:	117	Resp:	324604
Ion Ratio	Lower	Upper	
117	100		
82	58.2	45.0	67.4
119	32.1	24.8	37.2





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.54 min Scan# 1207

Delta R.T. -0.01 min

Lab File: VF061181.D

Acq: 26 Dec 2018 11:40

Instrument :

MSVOA_F

ClientSampleId :

VF1226SBL01

Tot Ion:152 Resp: 186265

Ion Ratio Lower Upper

152 100

115 62.8 33.3 99.9

150 153.1 0.0 328.2

Manual Integrations

APPROVED

apatel

12/27/2018 4:18:49 PM

