

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF121418\
 Data File : VF061020.D
 Acq On : 14 Dec 2018 15:15
 Operator : VA/AP
 Sample : J6403-09RE
 Misc : 4.44g/5mL/MSVOA-F/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 TP-2-ARE

Manual Integrations
 APPROVED

apatel
 12/15/2018 3:25:55 PM

Quant Time: Dec 15 00:53:57 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	4.86	168	237353	50.00	ug/l	-0.05
34) 1,4-Difluorobenzene	5.59	114	414368	50.00	ug/l	-0.05
63) Chlorobenzene-d5	9.77	117	371364	50.00	ug/l	-0.04
72) 1,4-Dichlorobenzene-d4	12.54	152	163697	50.00	ug/l	-0.03
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.84	65	164168	58.71	ug/l	-0.04
Spiked Amount 50.000			Recovery	=	117.42%	
35) Dibromofluoromethane	4.10	113	179877	54.72	ug/l	-0.05
Spiked Amount 50.000			Recovery	=	109.44%	
50) Toluene-d8	7.54	98	430686	44.48	ug/l	-0.05
Spiked Amount 50.000			Recovery	=	88.96%	
62) 4-Bromofluorobenzene	11.40	95	192450	43.73	ug/l	-0.04
Spiked Amount 50.000			Recovery	=	87.46%	
Target Compounds						
16) Acetone	2.23	43	38462	74.594	ug/l	99
20) Methylene Chloride	2.23	84	10126m	5.353	ug/l	
25) 2-Butanone	4.34	43	5299	5.942	ug/l	96

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

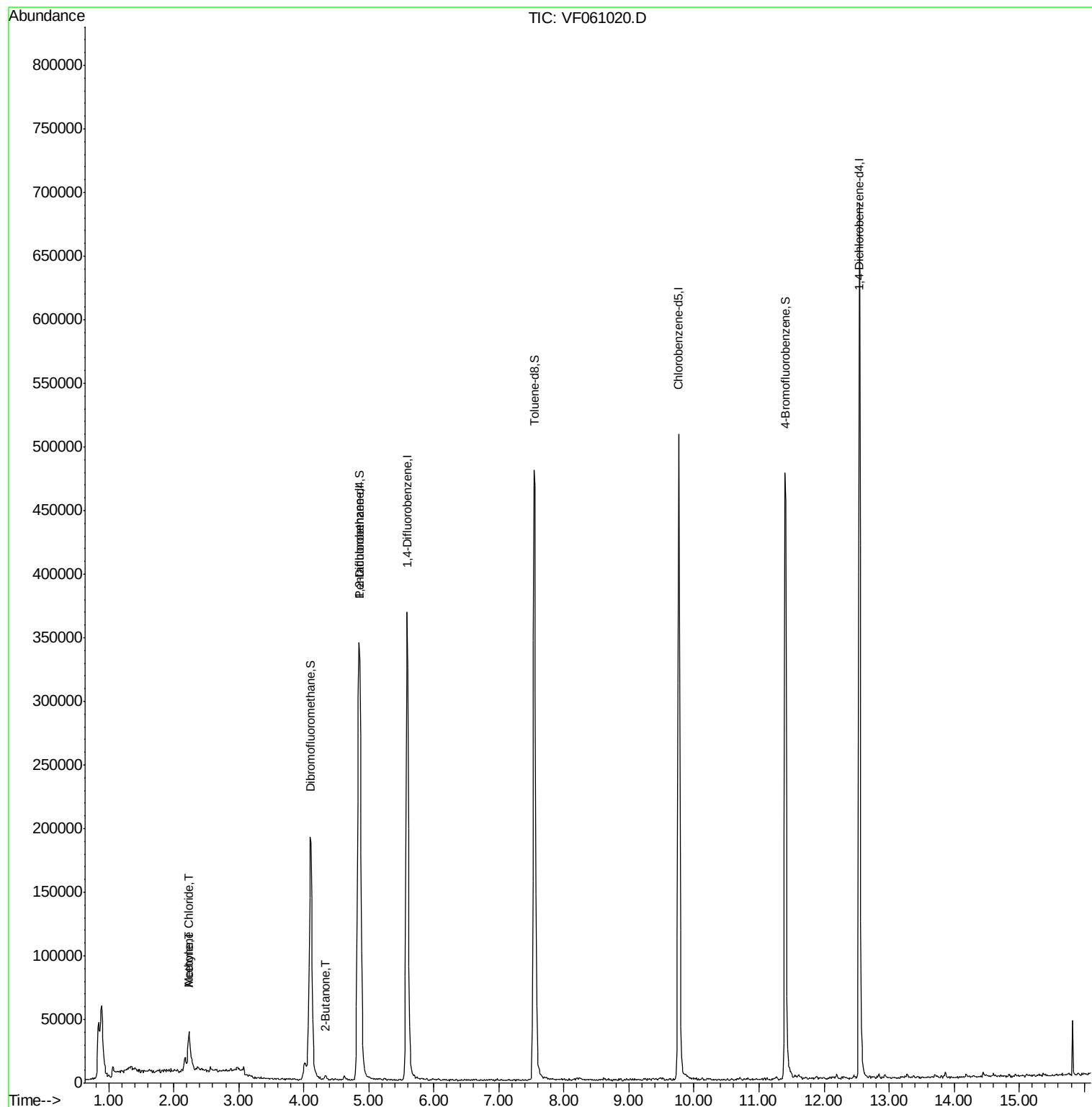
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_F\DATA\VF121418\
Data File : VF061020.D
Acq On : 14 Dec 2018 15:15
Operator : VA/AP
Sample : J6403-09RE
Misc : 4.44g/5mL/MSVOA-F/SOIL
ALS Vial : 8 Sample Multiplier: 1

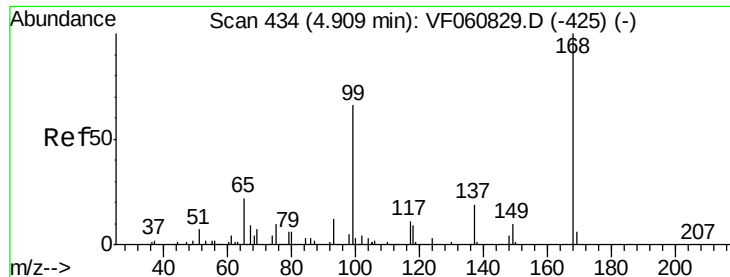
Instrument :
MSVOA_F
ClientSampleId :
TP-2-ARE

Manual Integrations
APPROVED

apatel
12/15/2018 3:25:55 PM

Quant Time: Dec 15 00:53:57 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: 4.86 min Scan# 429

Delta R.T. -0.05 min

Lab File: VF061020.D

Acq: 14 Dec 2018 15:15

Instrument :

MSVOA_F

ClientSampleId :

TP-2-ARE

Tgt Ion:168 Resp: 237353

Ion Ratio Lower Upper

168 100

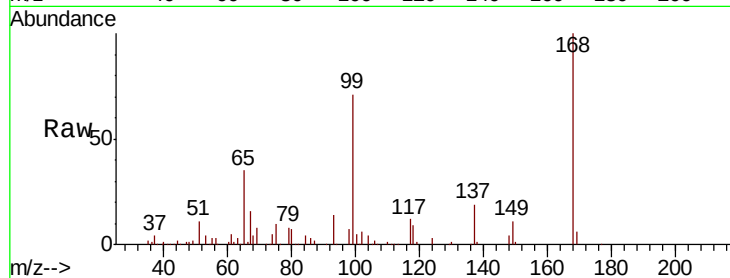
99 71.0 52.6 79.0

Manual Integrations

APPROVED

apatel

12/15/2018 3:25:55 PM



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

80000

60000

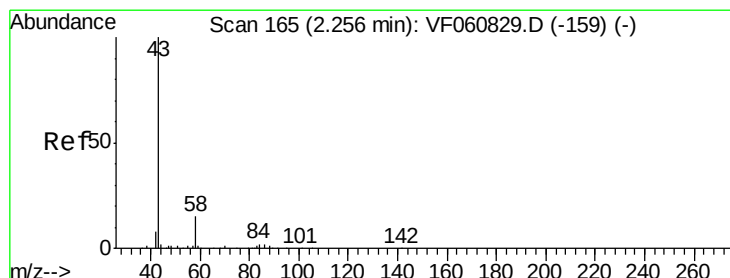
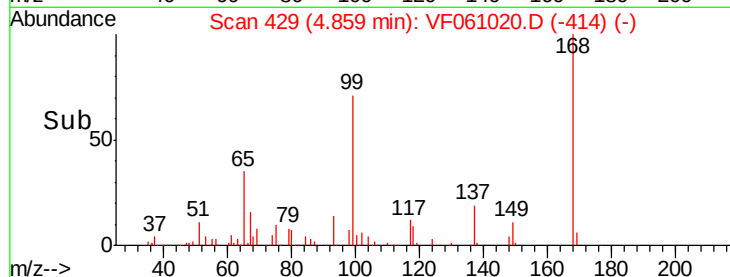
40000

20000

0

4.70 4.80 4.90 5.00

Time-->



#16

Acetone

Concen: 74.594 ug/l

RT: 2.23 min Scan# 163

Delta R.T. -0.02 min

Lab File: VF061020.D

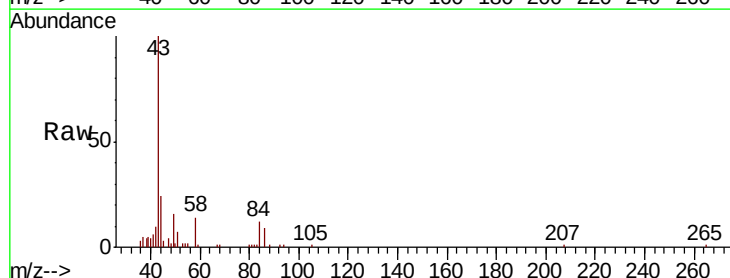
Acq: 14 Dec 2018 15:15

Tgt Ion: 43 Resp: 38462

Ion Ratio Lower Upper

43 100

58 13.9 11.4 17.2



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0

15000

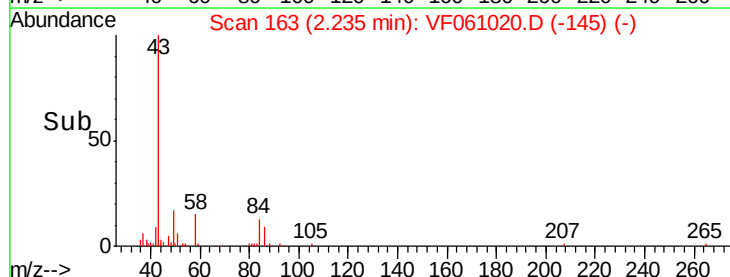
10000

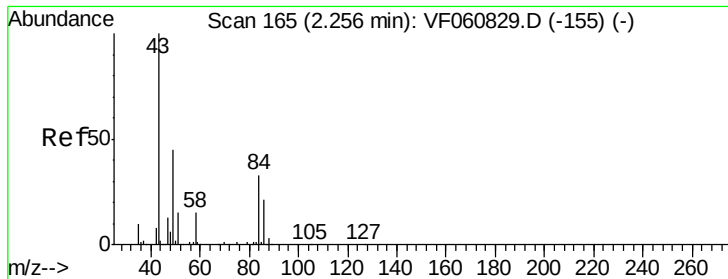
5000

0

2.20 2.30

Time-->





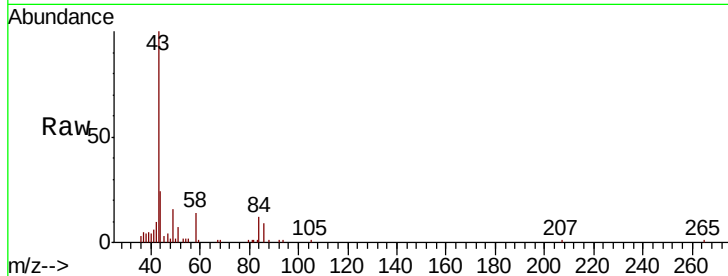
#20
Methylene Chloride
Concen: 5.353 ug/l m
RT: 2.23 min Scan# 163
Delta R.T. -0.02 min
Lab File: VF061020.D
Acq: 14 Dec 2018 15:15

Instrument :
MSVOA_F
ClientSampleId :
TP-2-ARE

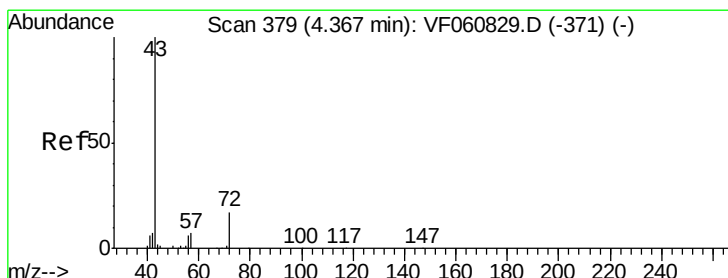
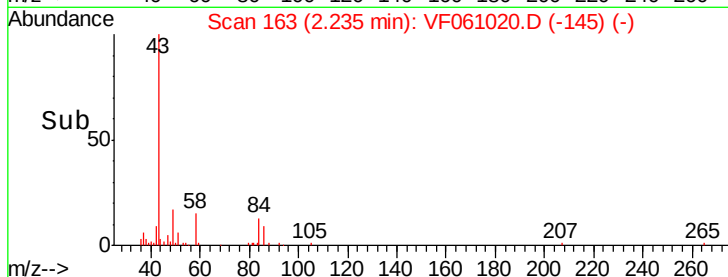
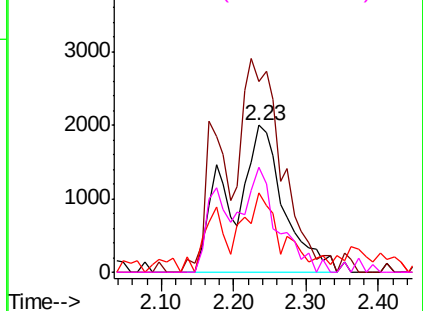
Tgt Ion:	84	Resp:	10126
Ion	Ratio	Lower	Upper
84	100		
49	130.2	111.3	166.9
51	53.6	38.0	57.0
86	71.4	49.8	74.8

Manual Integrations
APPROVED

apatel
12/15/2018 3:25:55 PM

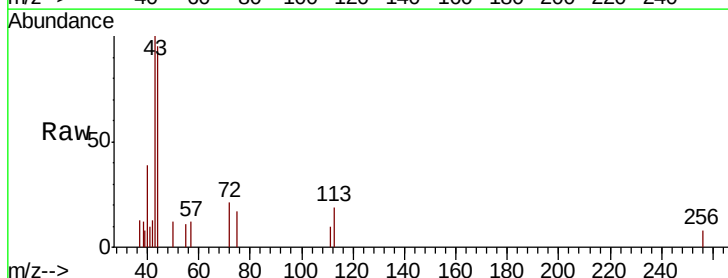


Abundance Ion 84.00 (83.70 to 84.70): VF0
Ion 49.00 (48.70 to 49.70): VF0
Ion 51.00 (50.70 to 51.70): VF0
Ion 86.00 (85.70 to 86.70): VF0

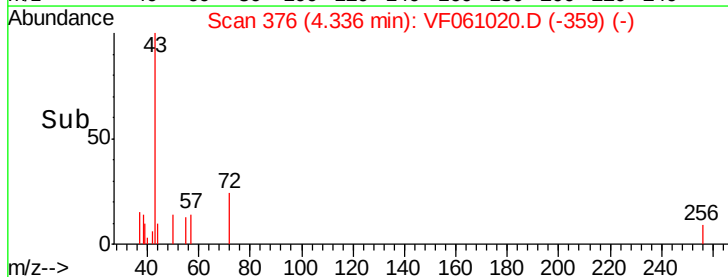
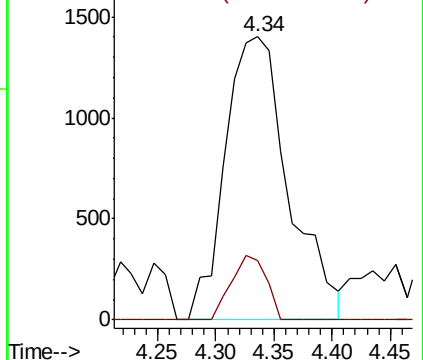


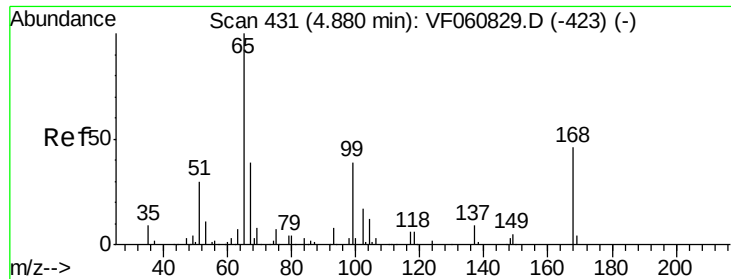
#25
2-Butanone
Concen: 5.942 ug/l
RT: 4.34 min Scan# 376
Delta R.T. -0.03 min
Lab File: VF061020.D
Acq: 14 Dec 2018 15:15

Tgt Ion:	43	Resp:	5299
Ion	Ratio	Lower	Upper
43	100		
72	21.0	15.4	23.2



Abundance Ion 43.00 (42.70 to 43.70): VF0
Ion 72.00 (71.70 to 72.70): VF0





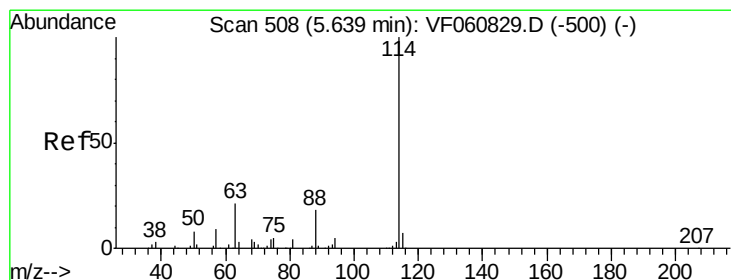
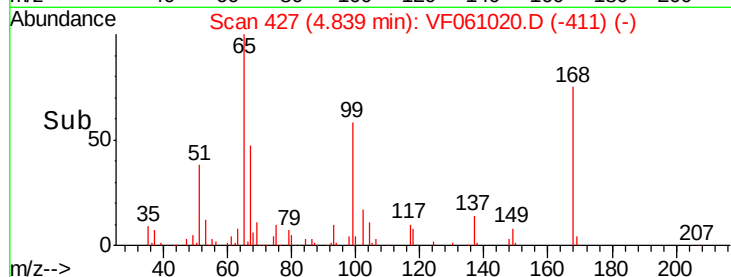
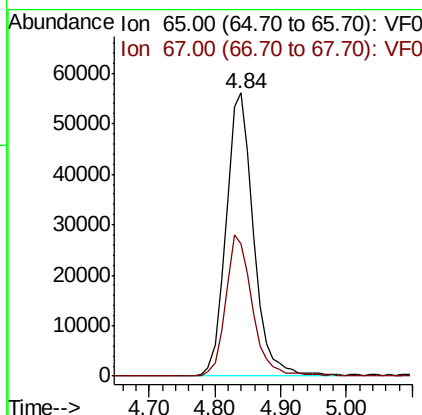
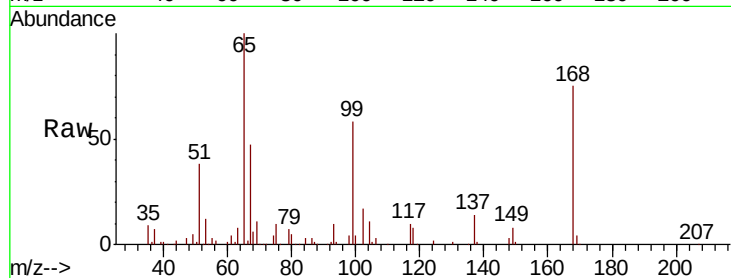
#33
 1,2-Dichloroethane-d4
 Concen: 58.713 ug/l
 RT: 4.84 min Scan# 427
 Delta R.T. -0.04 min
 Lab File: VF061020.D
 Acq: 14 Dec 2018 15:15

Instrument :
 MSVOA_F
 ClientSampleId :
 TP-2-ARE

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	164168		
67	46.7	0.0	96.4	

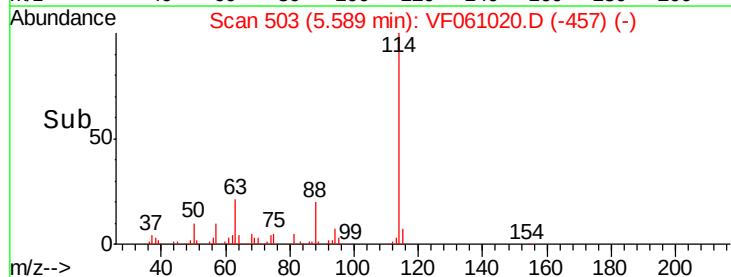
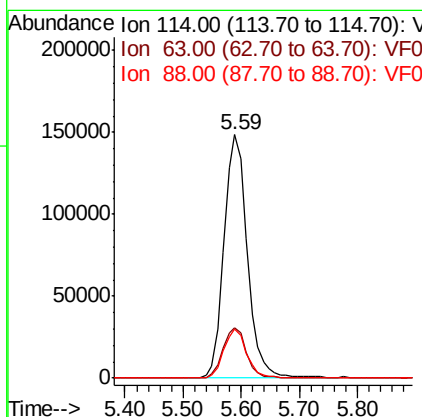
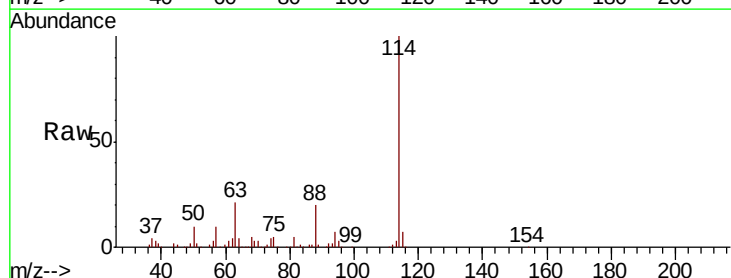
Manual Integrations
 APPROVED

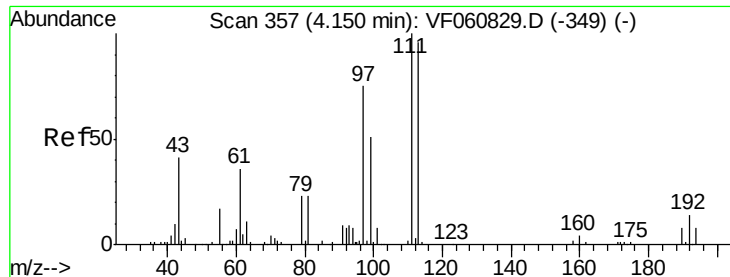
apatel
 12/15/2018 3:25:55 PM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.59 min Scan# 503
 Delta R.T. -0.05 min
 Lab File: VF061020.D
 Acq: 14 Dec 2018 15:15

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	414368		
63	20.6	0.0	41.6	
88	20.1	0.0	36.6	





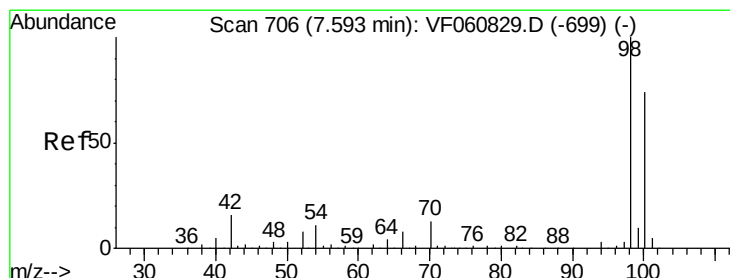
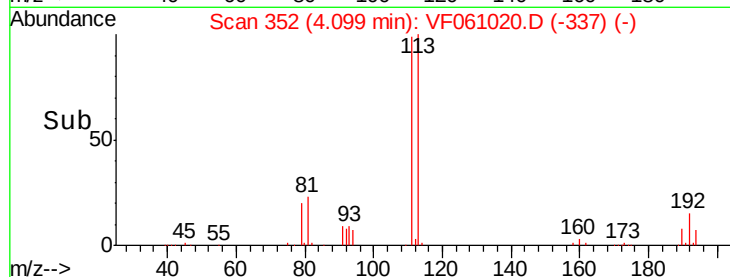
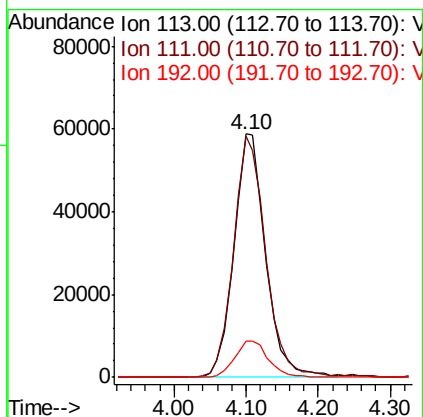
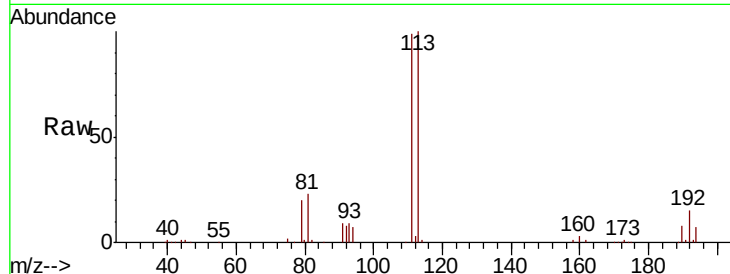
#35
Dibromofluoromethane
Concen: 54.719 ug/l
RT: 4.10 min Scan# 352
Delta R.T. -0.05 min
Lab File: VF061020.D
Acq: 14 Dec 2018 15:15

Instrument :
MSVOA_F
ClientSampleId :
TP-2-ARE

Tgt Ion	Ratio	Resp	Lower	Upper
113	100	179877		
111	98.9	83.0	124.6	
192	14.9	12.3	18.5	

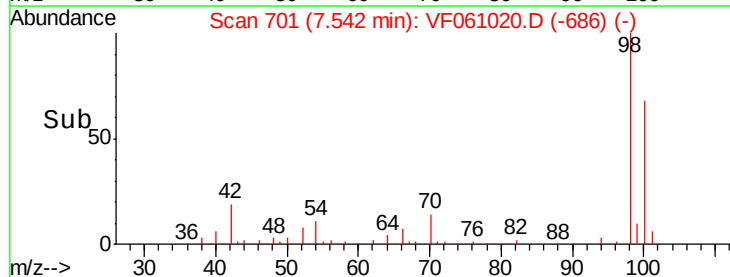
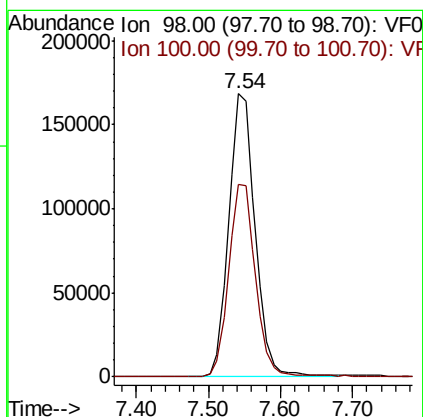
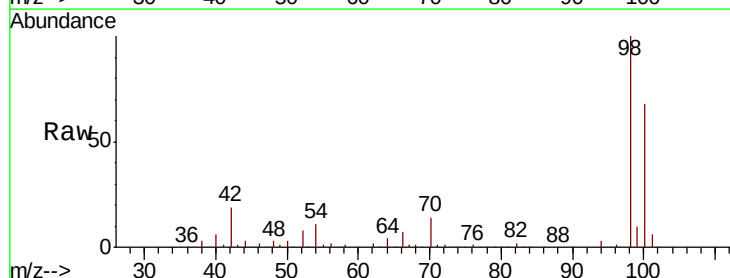
Manual Integrations
APPROVED

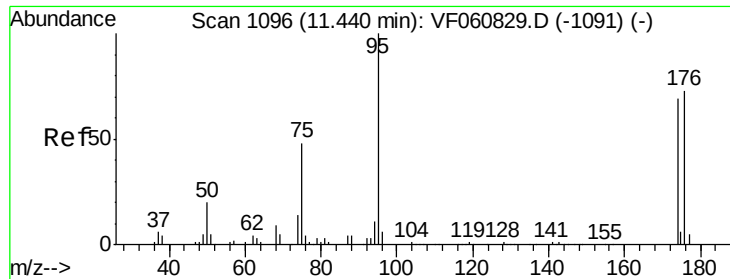
apatel
12/15/2018 3:25:55 PM



#50
Toluene-d8
Concen: 44.477 ug/l
RT: 7.54 min Scan# 701
Delta R.T. -0.05 min
Lab File: VF061020.D
Acq: 14 Dec 2018 15:15

Tgt Ion	Ratio	Resp	Lower	Upper
98	100	430686		
100	67.9	59.3	88.9	





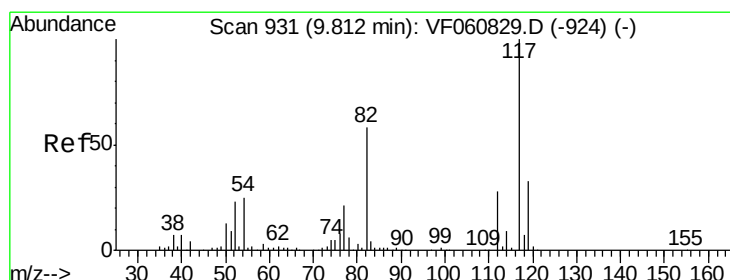
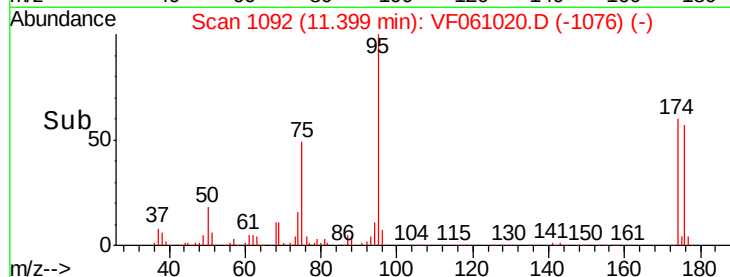
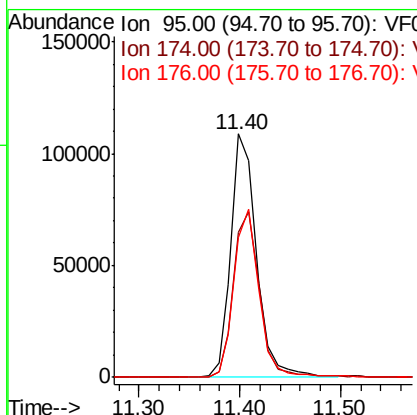
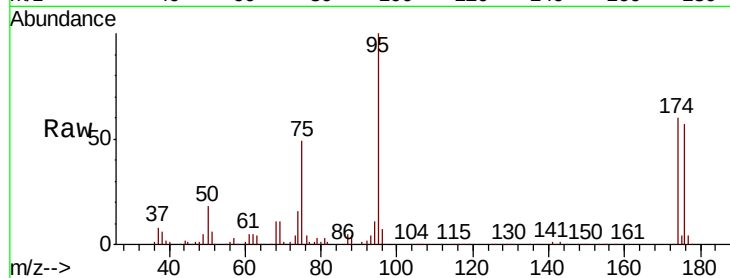
#62
4-Bromofluorobenzene
Concen: 43.729 ug/l
RT: 11.40 min Scan# 1092
Delta R.T. -0.04 min
Lab File: VF061020.D
Acq: 14 Dec 2018 15:15

Instrument :
MSVOA_F
ClientSampled :
TP-2-ARE

Tgt Ion	Ratio	Resp	Lower	Upper
95	100	192450		
174	59.8	0.0	138.2	
176	57.4	0.0	146.2	

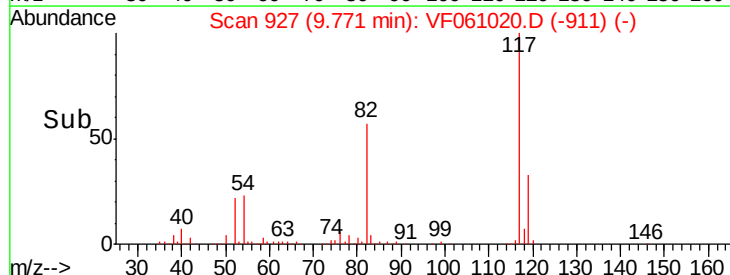
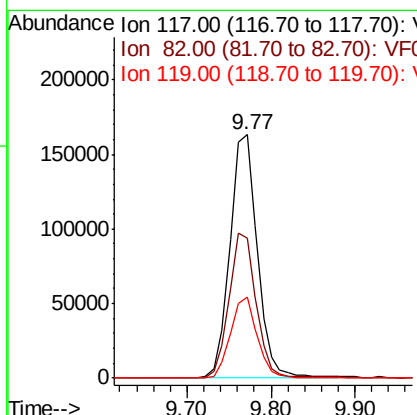
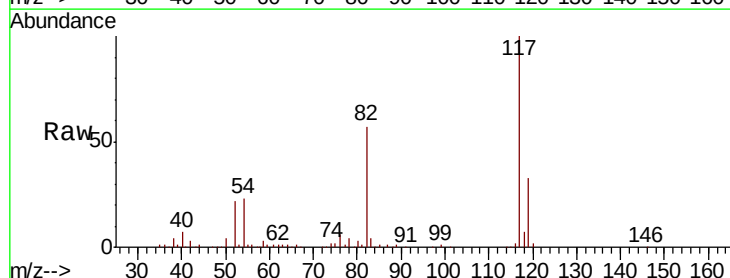
Manual Integrations
APPROVED

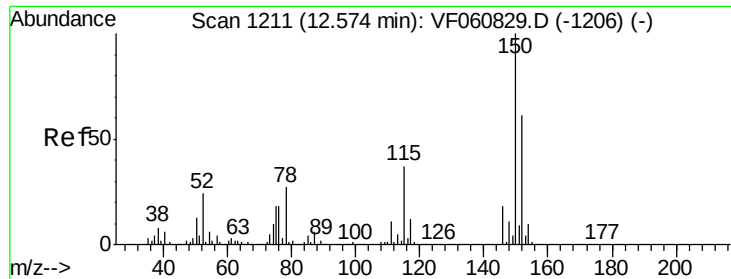
apatel
12/15/2018 3:25:55 PM



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.77 min Scan# 927
Delta R.T. -0.04 min
Lab File: VF061020.D
Acq: 14 Dec 2018 15:15

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	371364		
82	57.4	46.6	69.8	
119	33.2	26.4	39.6	





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.54 min Scan# 1208
 Delta R.T. -0.03 min
 Lab File: VF061020.D
 Acq: 14 Dec 2018 15:15

Instrument :
 MSVOA_F
 ClientSampleId :
 TP-2-ARE

Tgt	Ion	Ratio	Resp	Lower	Upper
152	100		163697		
115	61.3	30.1	90.5		
150	152.9	0.0	327.6		

Manual Integrations
 APPROVED

apatel
 12/15/2018 3:25:55 PM

