

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF121418\
 Data File : VF061018.D
 Acq On : 14 Dec 2018 14:18
 Operator : VA/AP
 Sample : J6403-01RE
 Misc : 3.48g/5mL/MSVOA-F/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 TP-1-ARE

Manual Integrations
 APPROVED

apatel
 12/15/2018 3:25:47 PM

Quant Time: Dec 15 00:50:10 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	235752	50.00	ug/l	-0.06
34) 1,4-Difluorobenzene	5.58	114	423665	50.00	ug/l	-0.06
63) Chlorobenzene-d5	9.77	117	364398	50.00	ug/l	-0.05
72) 1,4-Dichlorobenzene-d4	12.55	152	181136	50.00	ug/l	-0.03
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.83	65	140719	50.67	ug/l	-0.05
Spiked Amount 50.000			Recovery	=	101.34%	
35) Dibromofluoromethane	4.09	113	156807	46.65	ug/l	-0.06
Spiked Amount 50.000			Recovery	=	93.30%	
50) Toluene-d8	7.55	98	392855	39.68	ug/l	-0.05
Spiked Amount 50.000			Recovery	=	79.36%	
62) 4-Bromofluorobenzene	11.40	95	173743	38.61	ug/l	-0.04
Spiked Amount 50.000			Recovery	=	77.22%	
Target Compounds						
16) Acetone	2.23	43	38456	75.089	ug/l	97
20) Methylene Chloride	2.24	84	11309m	6.019	ug/l	
25) 2-Butanone	4.32	43	8398	9.480	ug/l	99

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

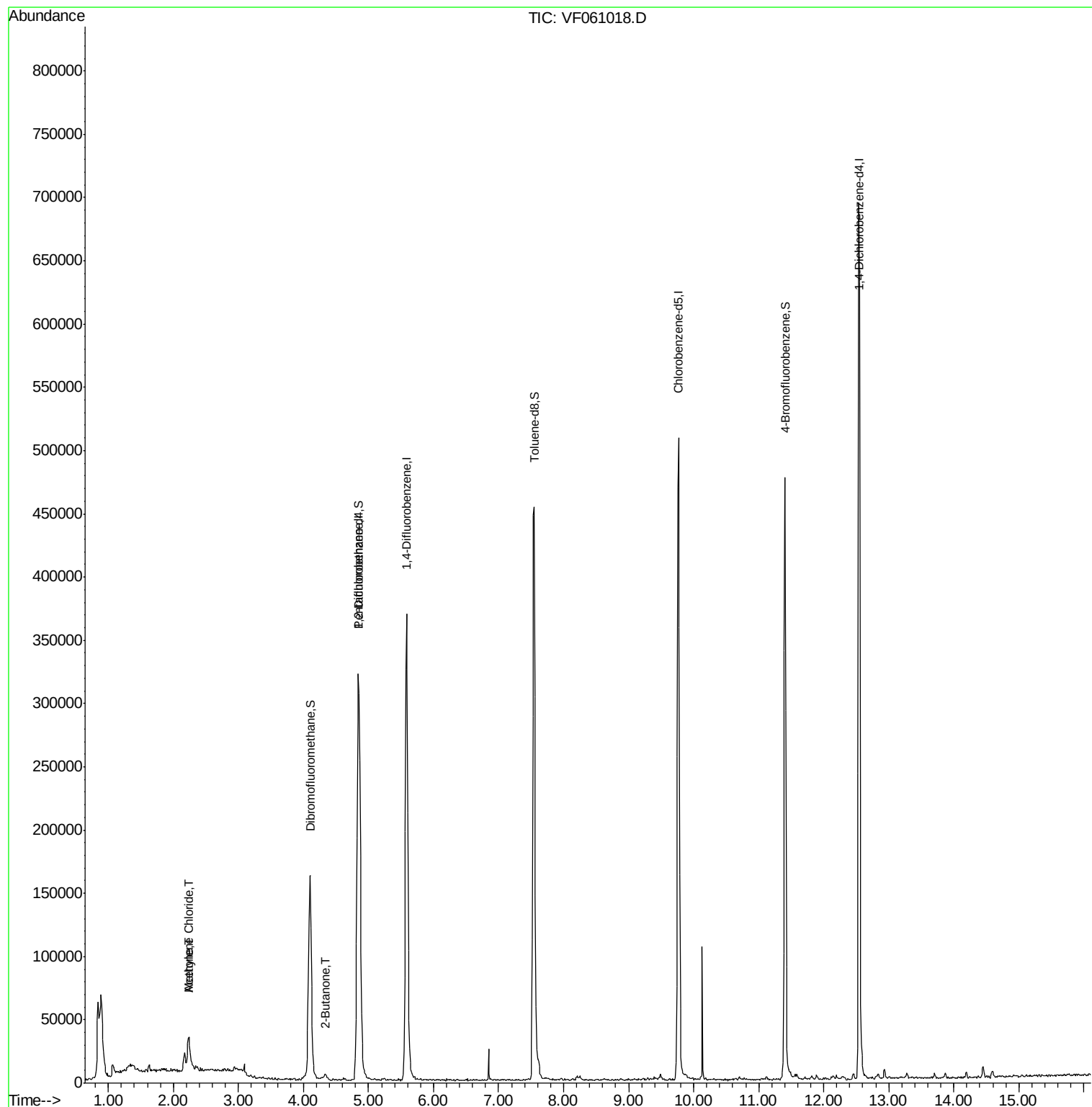
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_F\DATA\VF121418\
Data File : VF061018.D
Acq On : 14 Dec 2018 14:18
Operator : VA/AP
Sample : J6403-01RE
Misc : 3.48g/5mL/MSVOA-F/SOIL
ALS Vial : 6 Sample Multiplier: 1

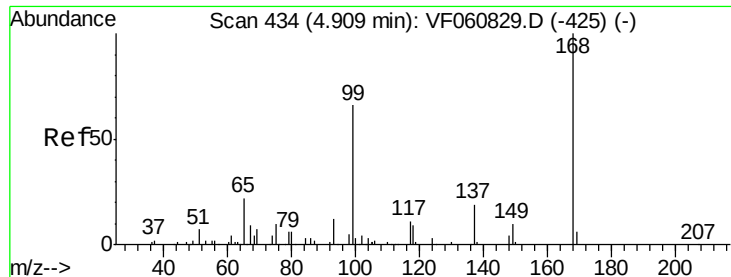
Instrument :
MSVOA_F
ClientSampleId :
TP-1-ARE

Manual Integrations
APPROVED

apatel
12/15/2018 3:25:47 PM

Quant Time: Dec 15 00:50:10 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. -0.06 min

Lab File: VF061018.D

Acq: 14 Dec 2018 14:18

Instrument :

MSVOA_F

ClientSampleId :

TP-1-ARE

Tgt Ion: 168 Resp: 235752

Ion Ratio Lower Upper

168 100

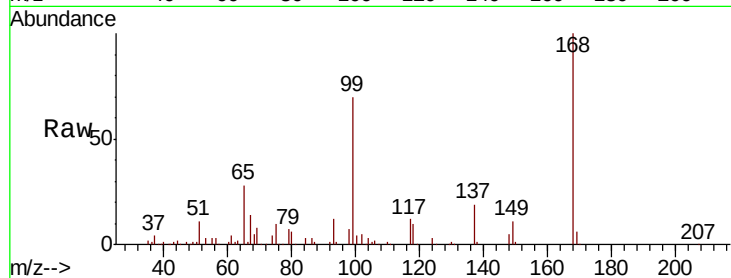
99 69.8 52.6 79.0

Manual Integrations

APPROVED

apatel

12/15/2018 3:25:47 PM



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

80000

60000

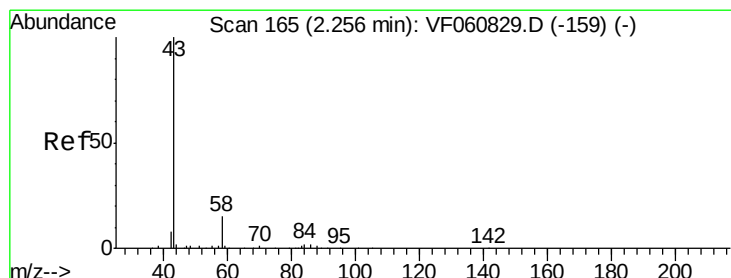
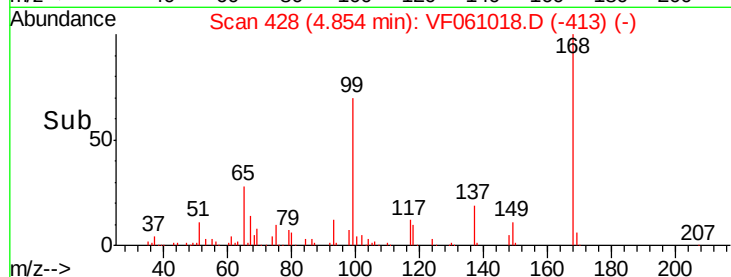
40000

20000

0

4.70 4.80 4.90 5.00

Time-->



#16

Acetone

Concen: 75.089 ug/l

RT: 2.23 min Scan# 162

Delta R.T. -0.03 min

Lab File: VF061018.D

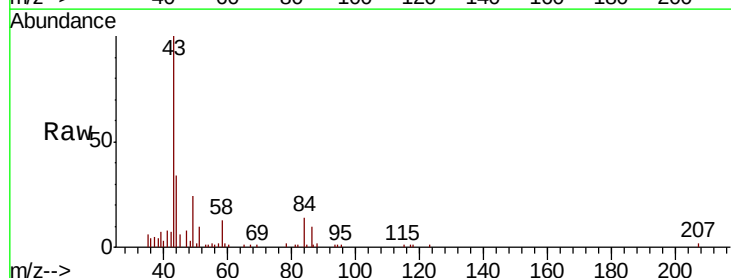
Acq: 14 Dec 2018 14:18

Tgt Ion: 43 Resp: 38456

Ion Ratio Lower Upper

43 100

58 13.1 11.4 17.2



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0

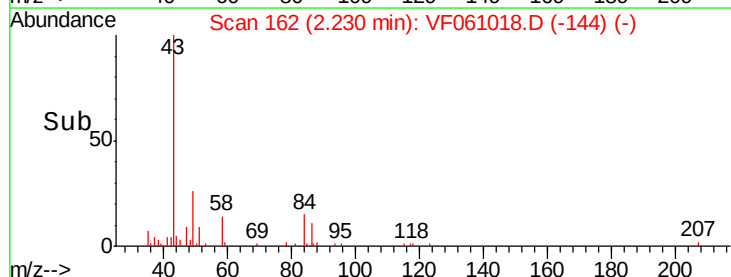
10000

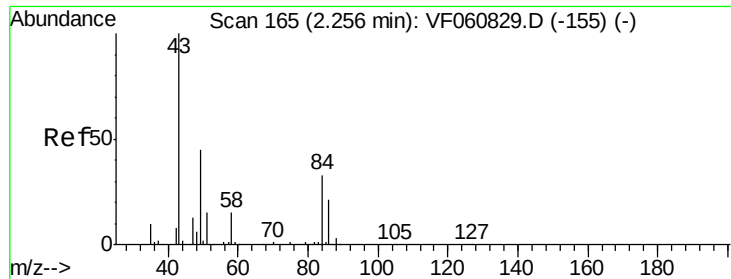
5000

0

2.00 2.10 2.20 2.30

Time-->





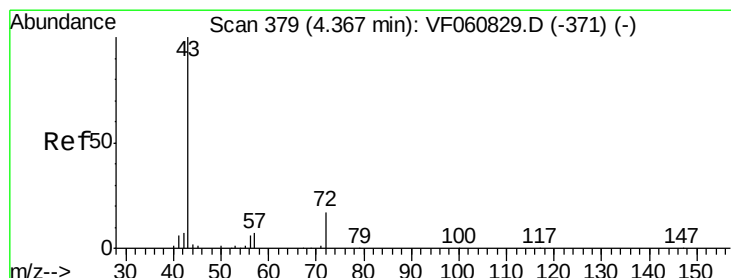
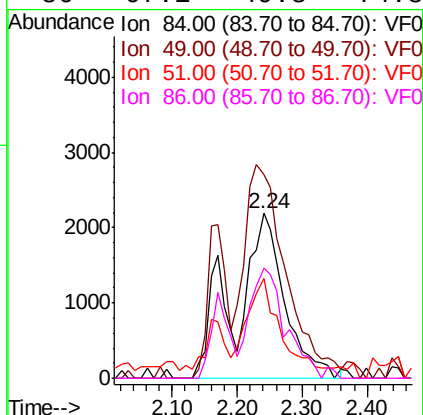
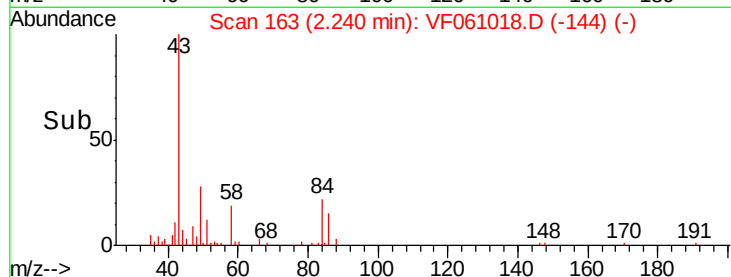
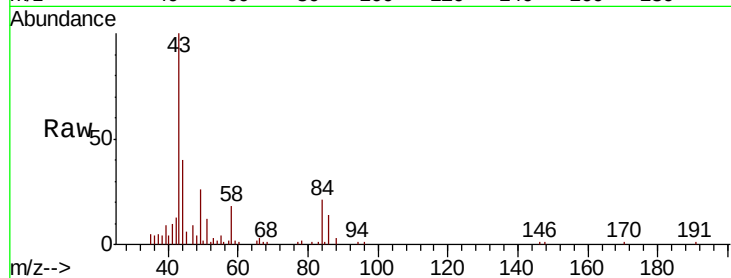
#20
Methylene Chloride
Concen: 6.019 ug/l m
RT: 2.24 min Scan# 163
Delta R.T. -0.02 min
Lab File: VF061018.D
Acq: 14 Dec 2018 14:18

Instrument :
MSVOA_F
ClientSampleId :
TP-1-ARE

Tgt Ion	Ratio	Lower	Upper
84	100		
49	123.4	111.3	166.9
51	60.4	38.0	57.0#
86	67.1	49.8	74.8

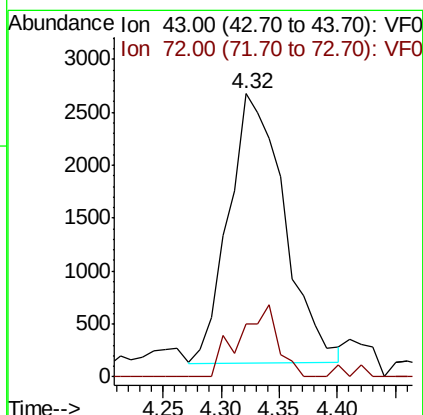
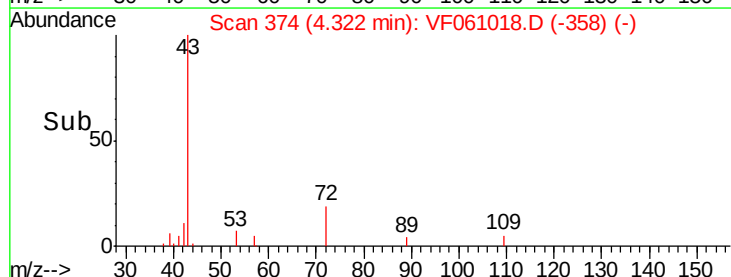
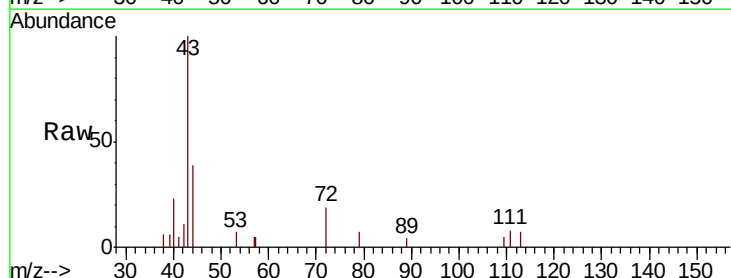
Manual Integrations
APPROVED

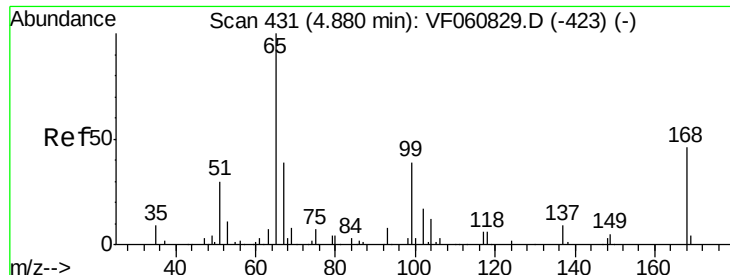
apatel
12/15/2018 3:25:47 PM



#25
2-Butanone
Concen: 9.480 ug/l
RT: 4.32 min Scan# 374
Delta R.T. -0.05 min
Lab File: VF061018.D
Acq: 14 Dec 2018 14:18

Tgt Ion	Ratio	Lower	Upper
43	100		
72	18.8	15.4	23.2





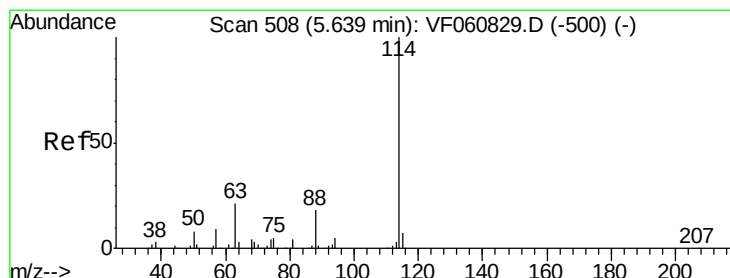
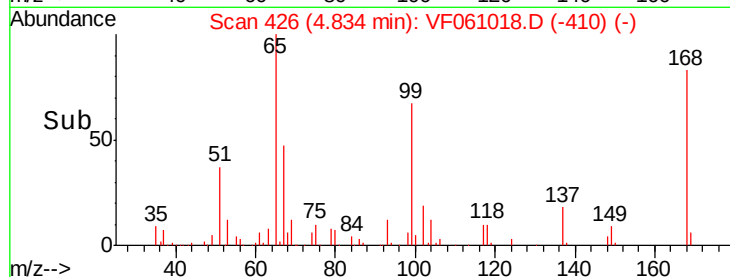
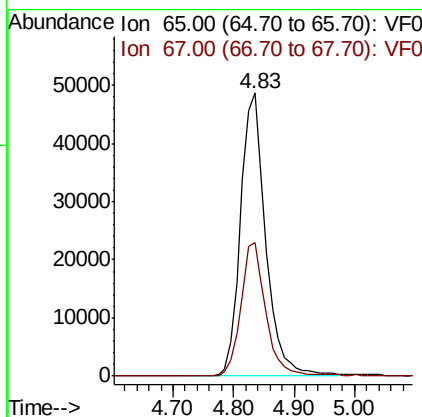
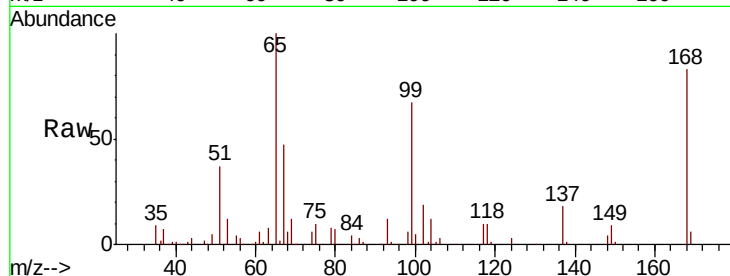
#33
 1,2-Dichloroethane-d4
 Concen: 50.669 ug/l
 RT: 4.83 min Scan# 426
 Delta R.T. -0.05 min
 Lab File: VF061018.D
 Acq: 14 Dec 2018 14:18

Instrument :
 MSVOA_F
 ClientSampled :
 TP-1-ARE

Tgt Ion: 65 Resp: 140719
 Ion Ratio Lower Upper
 65 100
 67 47.3 0.0 96.4

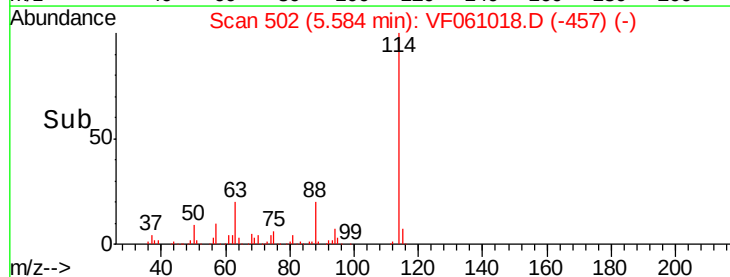
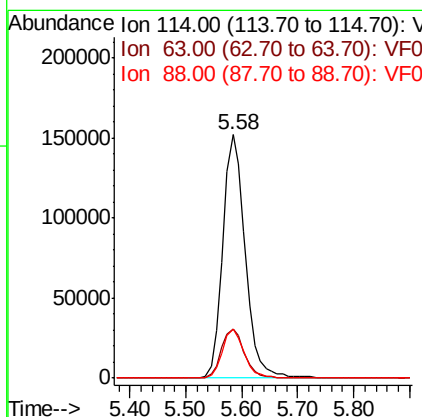
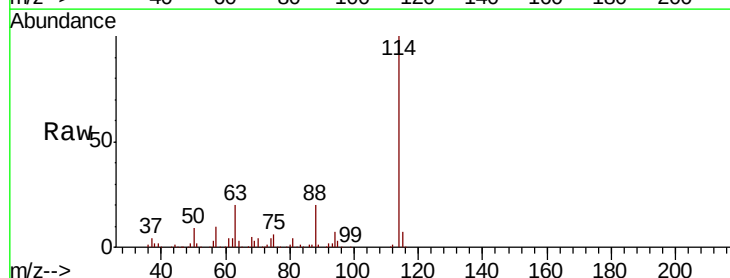
Manual Integrations
 APPROVED

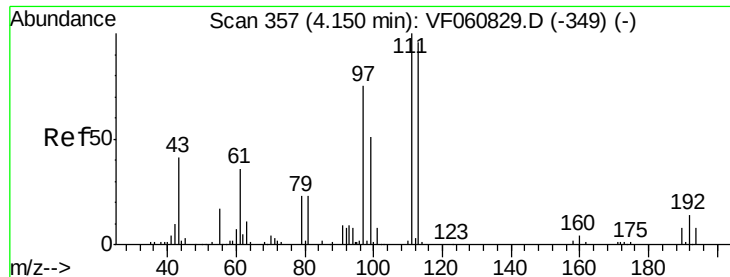
apatel
 12/15/2018 3:25:47 PM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.58 min Scan# 502
 Delta R.T. -0.06 min
 Lab File: VF061018.D
 Acq: 14 Dec 2018 14:18

Tgt Ion: 114 Resp: 423665
 Ion Ratio Lower Upper
 114 100
 63 19.9 0.0 41.6
 88 19.9 0.0 36.6





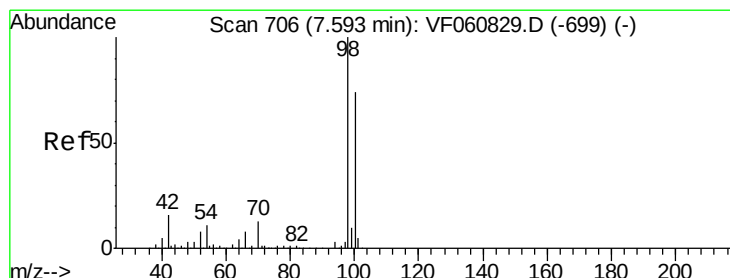
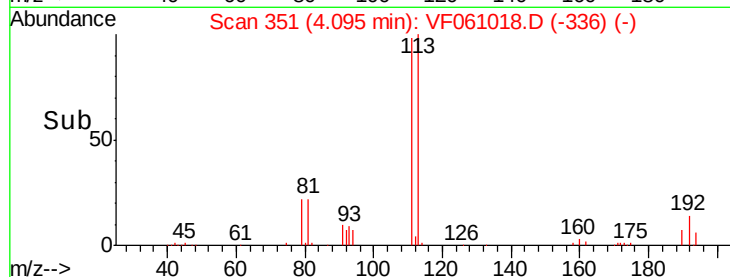
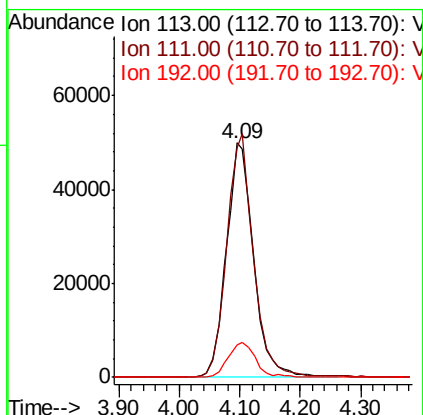
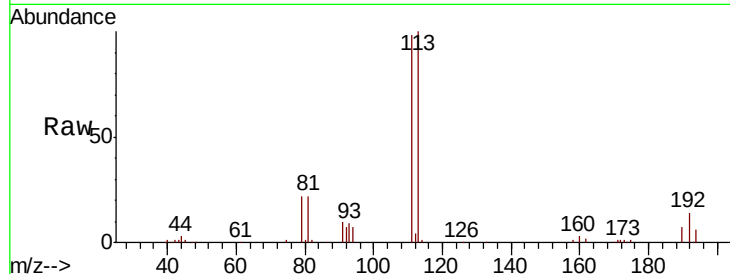
#35
Dibromofluoromethane
Concen: 46.654 ug/l
RT: 4.09 min Scan# 351
Delta R.T. -0.06 min
Lab File: VF061018.D
Acq: 14 Dec 2018 14:18

Instrument :
MSVOA_F
ClientSampleId :
TP-1-ARE

Tgt Ion	Ratio	Resp	Lower	Upper
113	100	156807		
111	98.0	83.0	124.6	
192	13.6	12.3	18.5	

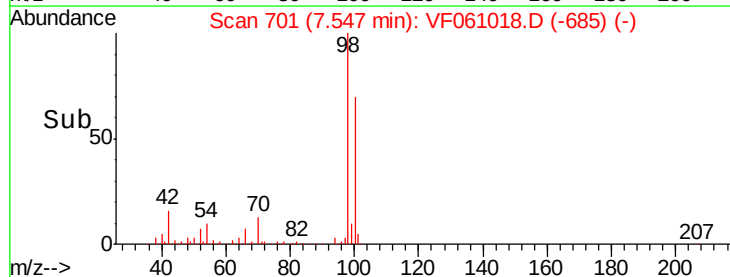
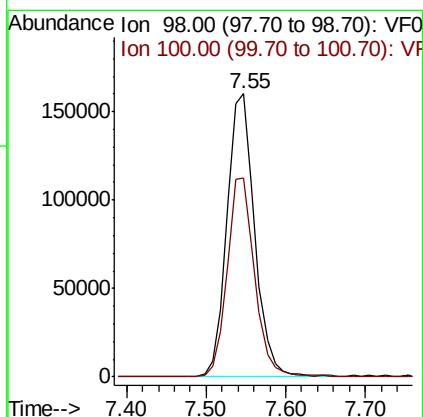
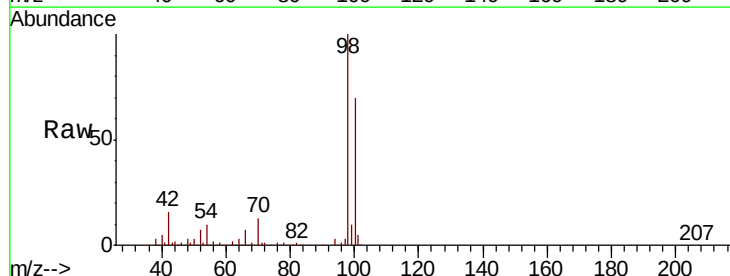
Manual Integrations
APPROVED

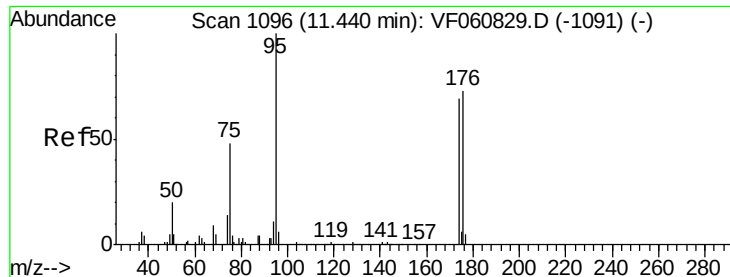
apatel
12/15/2018 3:25:47 PM



#50
Toluene-d8
Concen: 39.680 ug/l
RT: 7.55 min Scan# 701
Delta R.T. -0.05 min
Lab File: VF061018.D
Acq: 14 Dec 2018 14:18

Tgt Ion	Ratio	Resp	Lower	Upper
98	100	392855		
100	70.3	59.3	88.9	





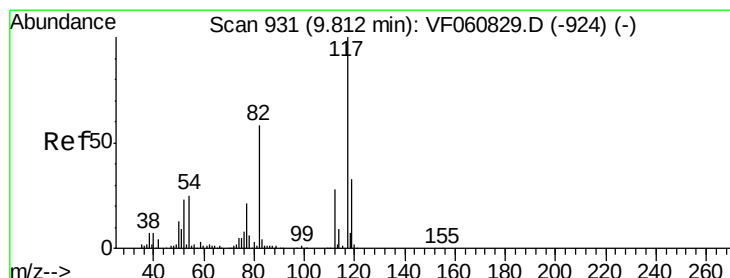
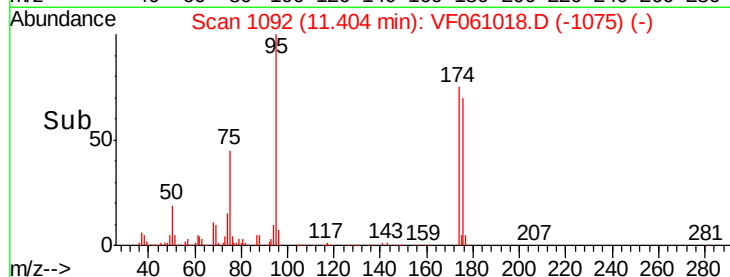
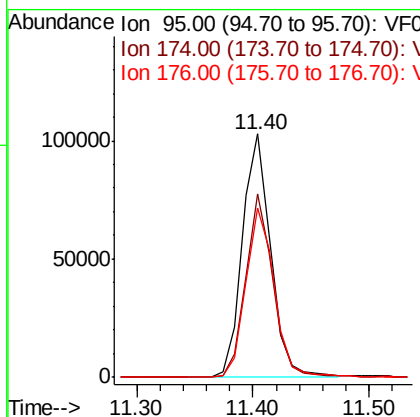
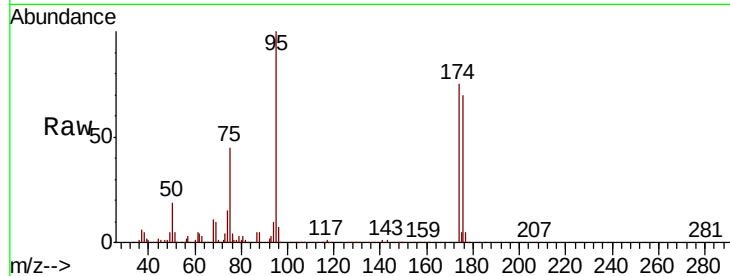
#62
4-Bromofluorobenzene
Concen: 38.612 ug/l
RT: 11.40 min Scan# 1092
Delta R.T. -0.04 min
Lab File: VF061018.D
Acq: 14 Dec 2018 14:18

Instrument :
MSVOA_F
ClientSampleId :
TP-1-ARE

Tgt Ion	Ratio	Resp	Lower	Upper
95	100	173743		
174	75.2	0.0	138.2	
176	69.6	0.0	146.2	

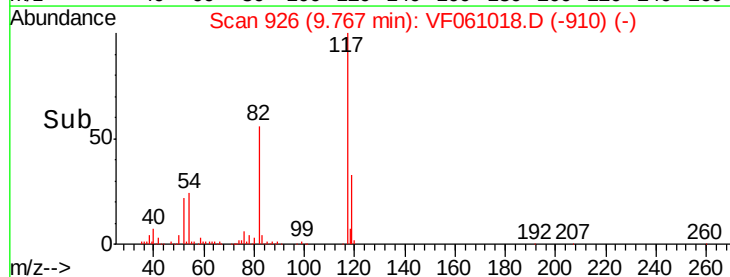
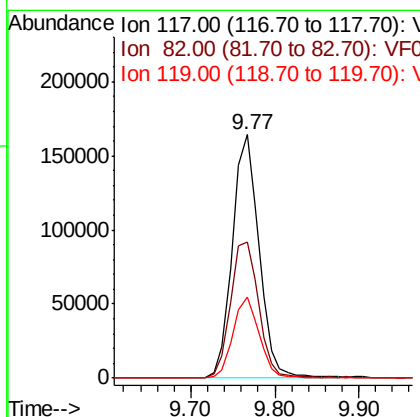
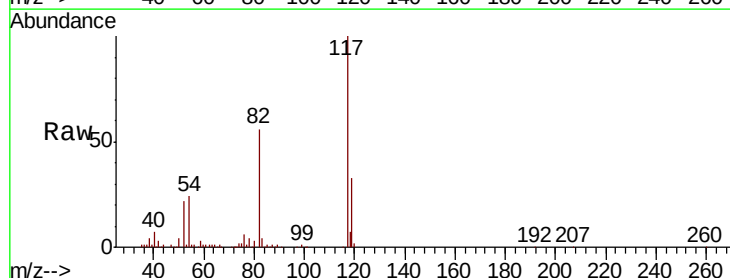
Manual Integrations
APPROVED

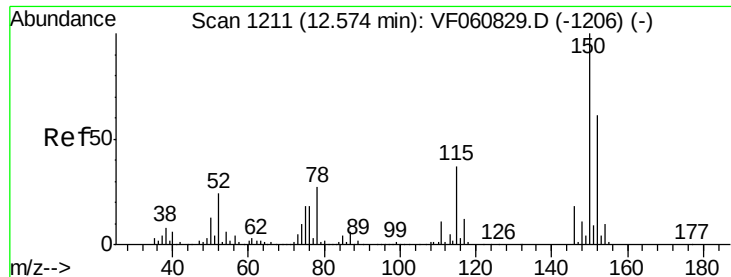
apatel
12/15/2018 3:25:47 PM



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.77 min Scan# 926
Delta R.T. -0.05 min
Lab File: VF061018.D
Acq: 14 Dec 2018 14:18

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	364398		
82	56.1	46.6	69.8	
119	33.3	26.4	39.6	





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.55 min Scan# 1208
 Delta R.T. -0.03 min
 Lab File: VF061018.D
 Acq: 14 Dec 2018 14:18

Instrument :
 MSVOA_F
 ClientSampleId :
 TP-1-ARE

Tgt	Ion	Ratio	Resp	Lower	Upper
152	100		181136		
115	55.6	30.1	90.5		
150	150.8	0.0	327.6		

Manual Integrations
 APPROVED

apatel
 12/15/2018 3:25:47 PM

