

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF100818\
 Data File : VF060487.D
 Acq On : 8 Oct 2018 16:32
 Operator : VA/AP
 Sample : J5084-20RE
 Misc : 6.76/5mL/MSVOA_F/SOIL
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 B-3(14.5-15)RE

Manual Integrations
 APPROVED

apatel
 10/9/2018 8:53:41 AM

Quant Time: Oct 09 02:16:10 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F100118S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 02 11:42:56 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.01	168	346040	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.73	114	569159	50.00	ug/l	-0.01
63) Chlorobenzene-d5	9.89	117	485630	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.61	152	275004	50.00	ug/l	-0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.98	65	170415	31.47	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	62.94%	
35) Dibromofluoromethane	4.26	113	196434	36.74	ug/l	0.00
Spiked Amount 50.000			Recovery	=	73.48%	
50) Toluene-d8	7.67	98	426070	32.36	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	64.72%	
62) 4-Bromofluorobenzene	11.48	95	203678	33.88	ug/l	0.00
Spiked Amount 50.000			Recovery	=	67.76%	
Target Compounds						
16) Acetone	2.32	43	42617	16.028	ug/l #	92
20) Methylene Chloride	2.32	84	26474m	1.271	ug/l	

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

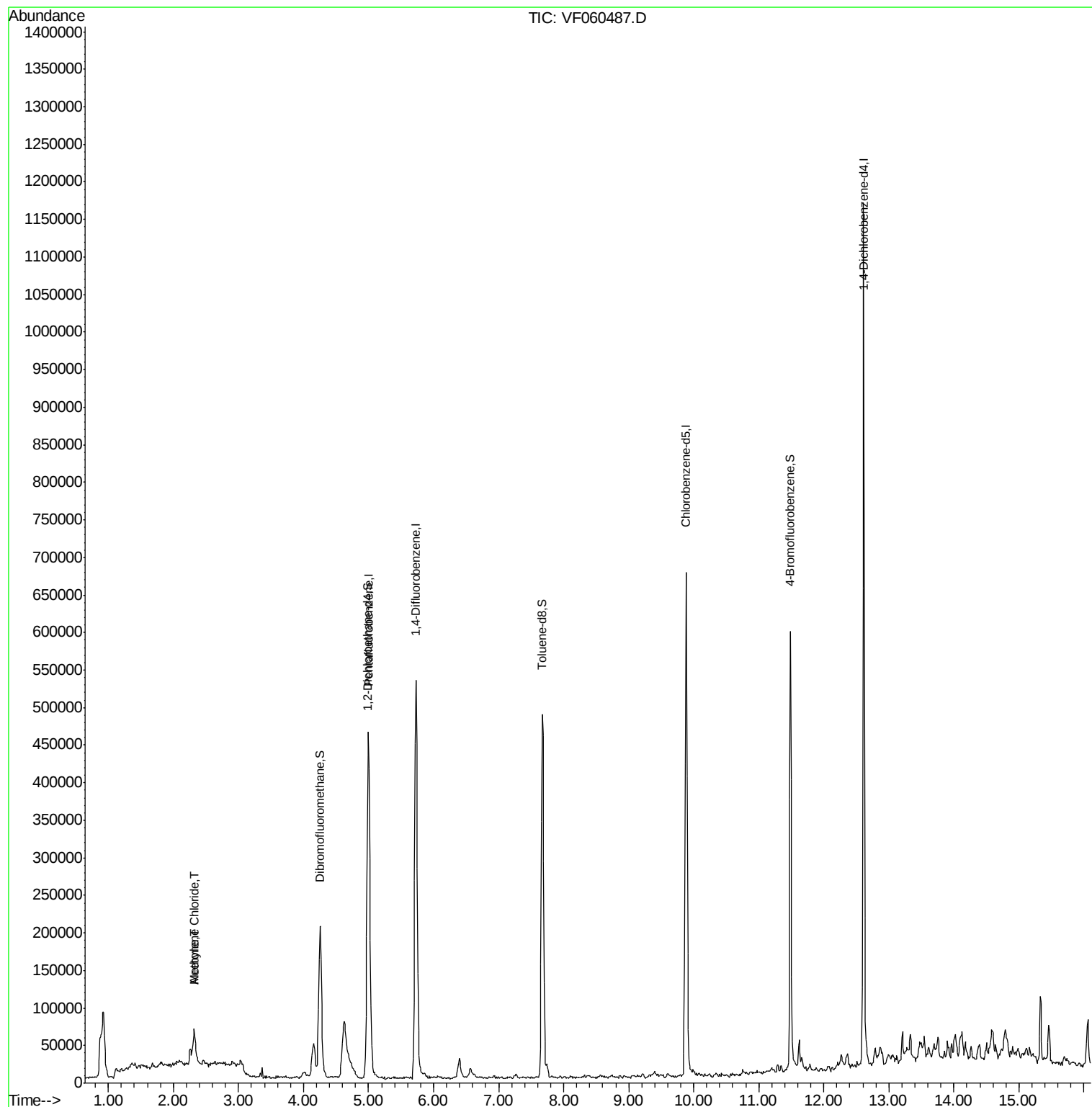
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_F\DATA\VF100818\
Data File : VF060487.D
Acq On : 8 Oct 2018 16:32
Operator : VA/AP
Sample : J5084-20RE
Misc : 6.76/5mL/MSVOA_F/SOIL
ALS Vial : 40 Sample Multiplier: 1

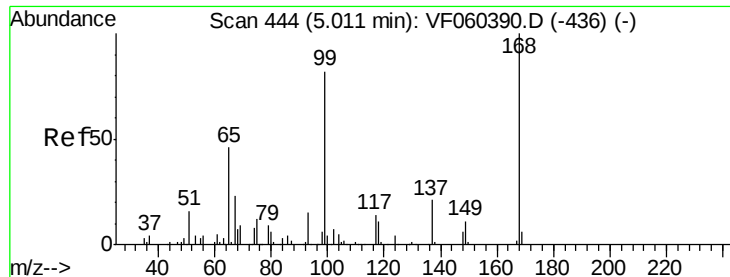
Instrument :
MSVOA_F
ClientSampleId :
B-3(14.5-15)RE

Manual Integrations
APPROVED

apatel
10/9/2018 8:53:41 AM

Quant Time: Oct 09 02:16:10 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F100118S.M
Quant Title : SW846 8260
QLast Update : Tue Oct 02 11:42:56 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.01 min Scan# 444

Delta R.T. -0.00 min

Lab File: VF060487.D

Acq: 8 Oct 2018 16:32

Instrument :

MSVOA_F

ClientSampleId :

B-3(14.5-15)RE

Tgt Ion:168 Resp: 346040

Ion Ratio Lower Upper

168 100

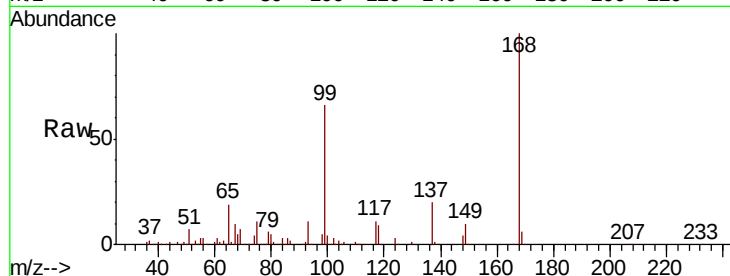
99 66.4 65.3 97.9

Manual Integrations

APPROVED

apatel

10/9/2018 8:53:41 AM



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

5.01

120000

100000

80000

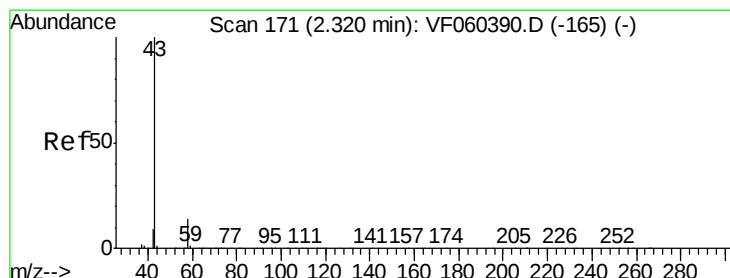
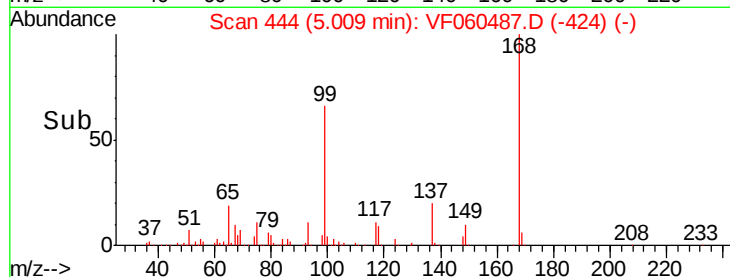
60000

40000

20000

0

Time--> 4.80 4.90 5.00 5.10 5.20



#16

Acetone

Concen: 16.028 ug/l

RT: 2.32 min Scan# 171

Delta R.T. -0.00 min

Lab File: VF060487.D

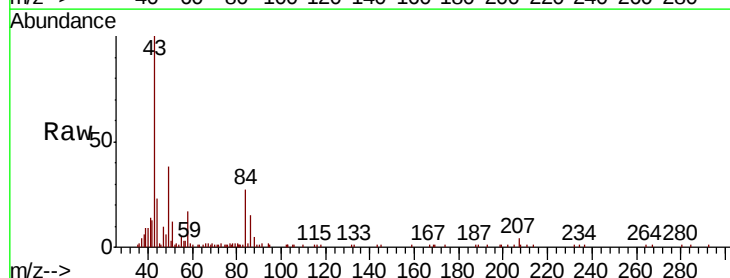
Acq: 8 Oct 2018 16:32

Tgt Ion: 43 Resp: 42617

Ion Ratio Lower Upper

43 100

58 17.4 11.2 16.8#



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0

2.32

20000

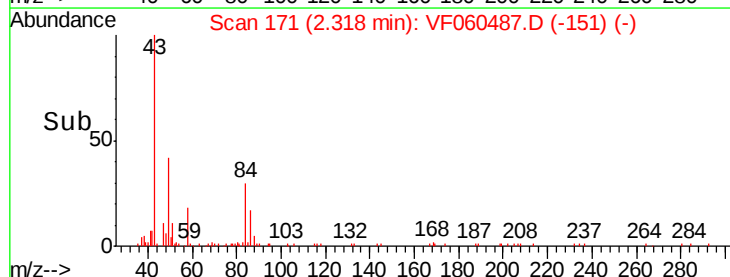
15000

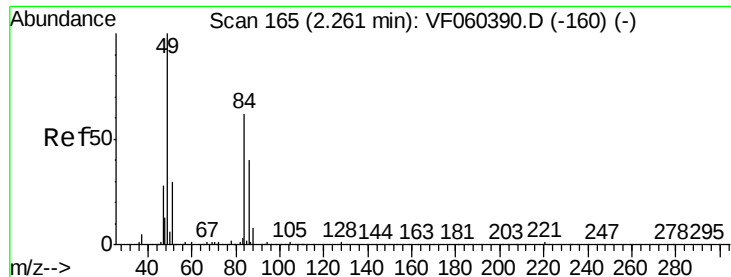
10000

5000

0

Time--> 2.20 2.30 2.40





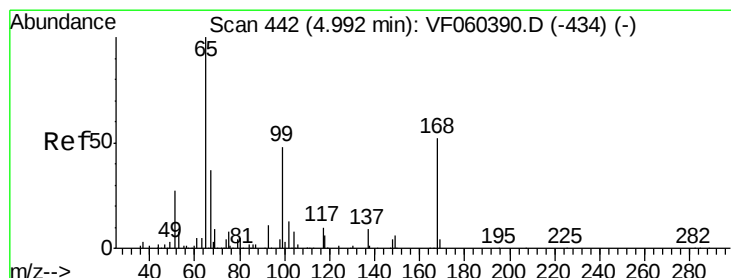
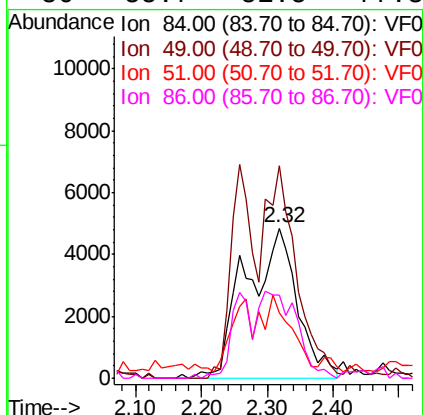
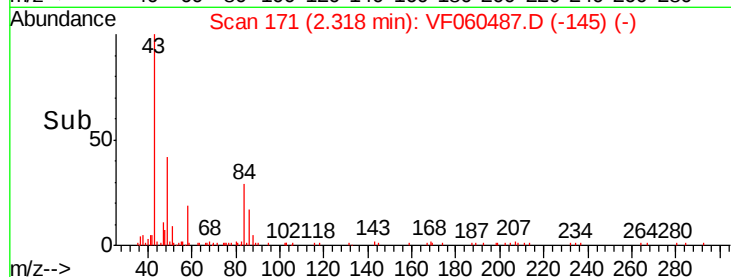
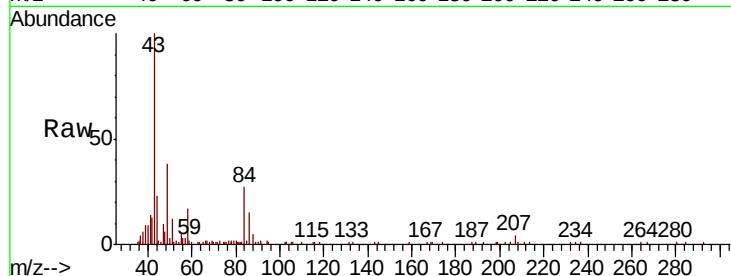
#20
Methylene Chloride
Concen: 1.271 ug/l m
RT: 2.32 min Scan# 171
Delta R.T. 0.06 min
Lab File: VF060487.D
Acq: 8 Oct 2018 16:32

Instrument :
MSVOA_F
ClientSampleId :
B-3(14.5-15)RE

Tgt Ion	Ratio	Lower	Upper
84	100		
49	141.5	130.2	195.2
51	43.4	41.0	61.6
86	55.7	51.5	77.3

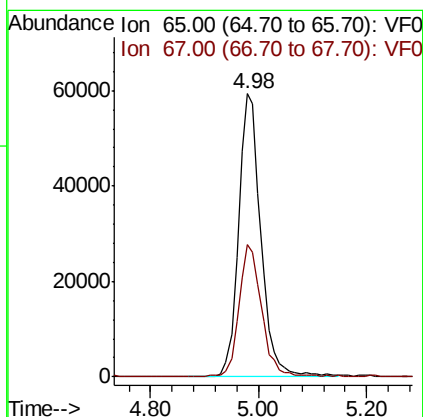
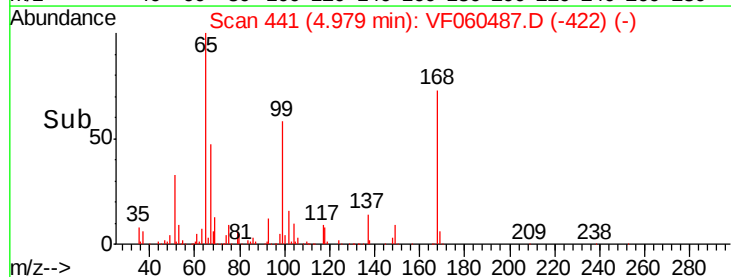
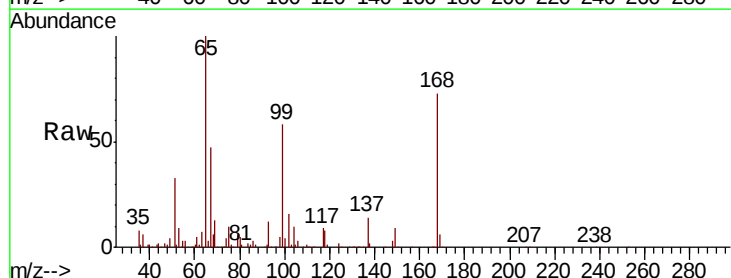
Manual Integrations
APPROVED

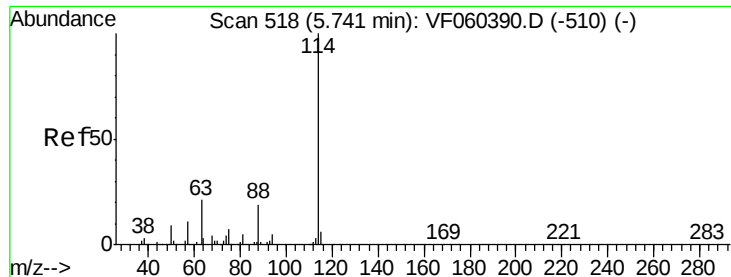
apatel
10/9/2018 8:53:41 AM



#33
1,2-Dichloroethane-d4
Concen: 31.473 ug/l
RT: 4.98 min Scan# 441
Delta R.T. -0.01 min
Lab File: VF060487.D
Acq: 8 Oct 2018 16:32

Tgt Ion	Ratio	Lower	Upper
65	100		
67	46.8	0.0	89.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.73 min Scan# 517

Delta R.T. -0.01 min

Lab File: VF060487.D

Acq: 8 Oct 2018 16:32

Instrument :

MSVOA_F

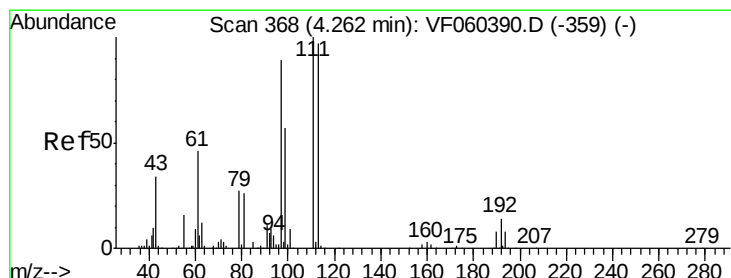
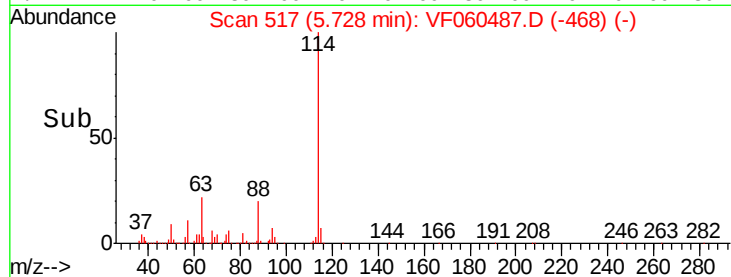
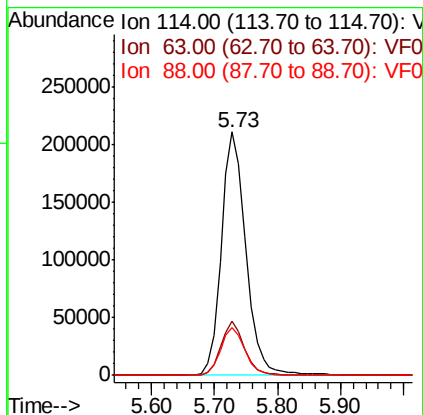
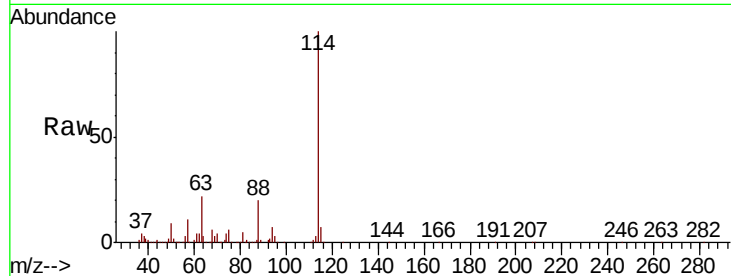
ClientSampleId :

B-3(14.5-15)RE

Tgt Ion:	114	Resp:	569159
Ion Ratio	Lower	Upper	
114	100		
63	22.4	0.0	42.2
88	19.6	0.0	38.8

Manual Integrations
APPROVED

apatel
10/9/2018 8:53:41 AM



#35

Dibromofluoromethane

Concen: 36.738 ug/l

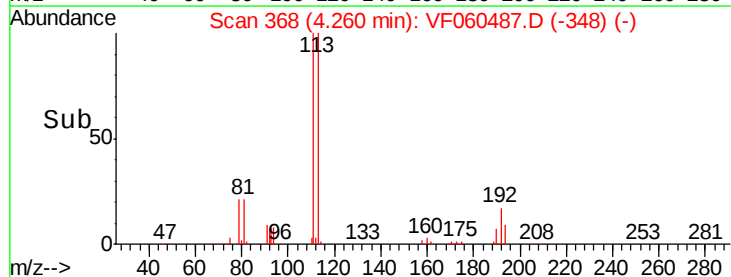
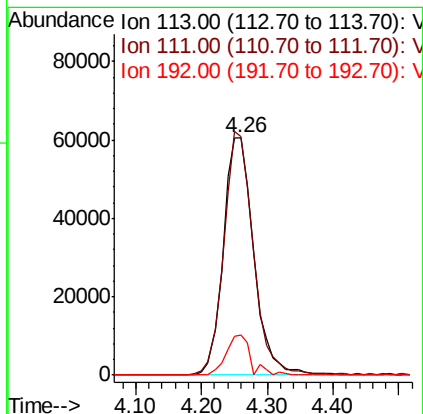
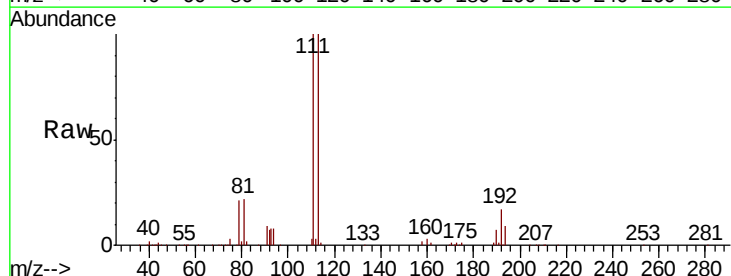
RT: 4.26 min Scan# 368

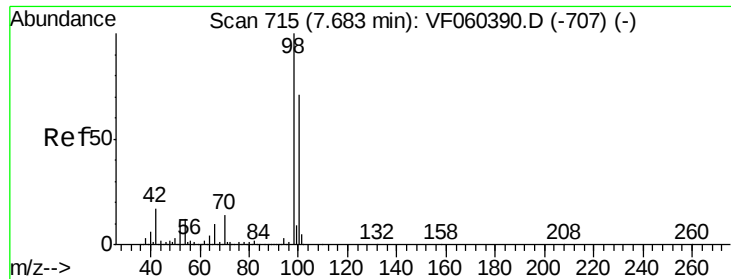
Delta R.T. -0.00 min

Lab File: VF060487.D

Acq: 8 Oct 2018 16:32

Tgt Ion:	113	Resp:	196434
Ion Ratio	Lower	Upper	
113	100		
111	102.9	82.3	123.5
192	16.9	11.8	17.6





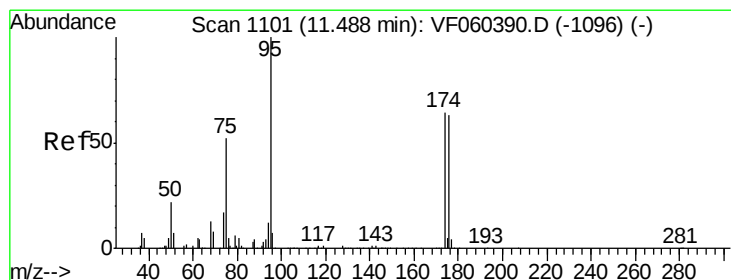
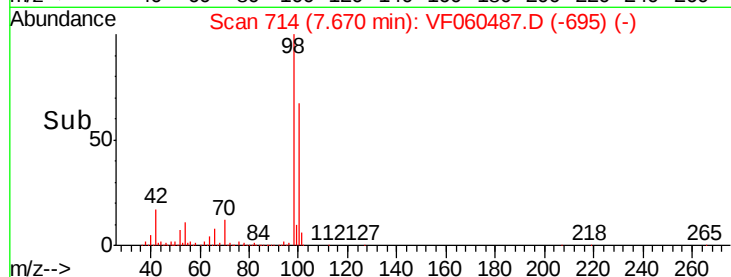
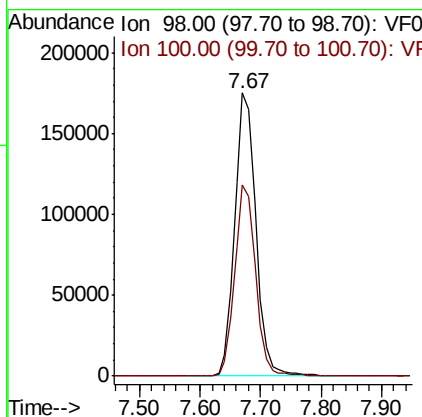
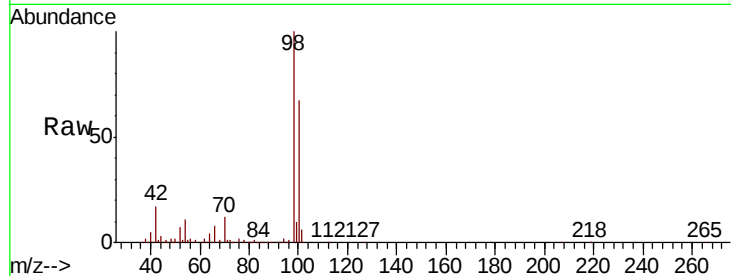
#50
Toluene-d8
Concen: 32.356 ug/l
RT: 7.67 min Scan# 714
Delta R.T. -0.01 min
Lab File: VF060487.D
Acq: 8 Oct 2018 16:32

Instrument :
MSVOA_F
ClientSampleId :
B-3(14.5-15)RE

Tgt Ion: 98 Resp: 426070
Ion Ratio Lower Upper
98 100
100 67.4 56.5 84.7

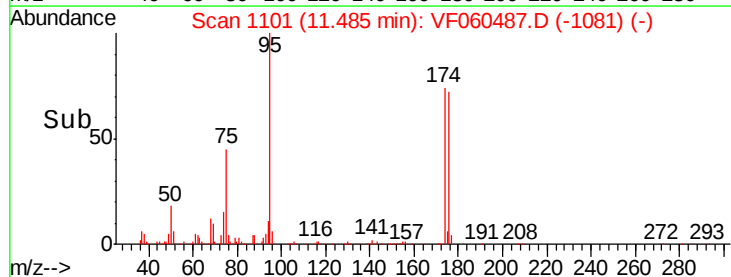
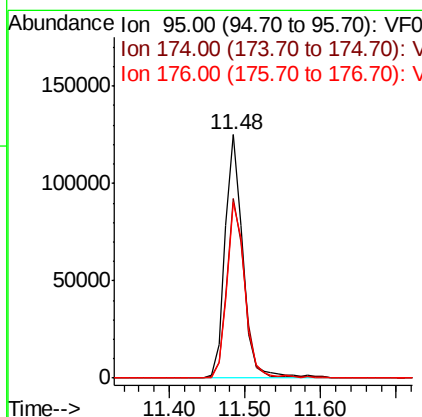
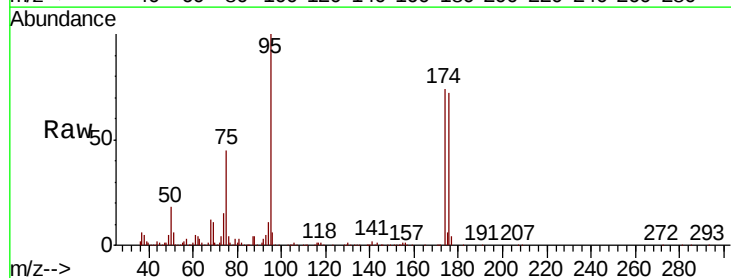
Manual Integrations
APPROVED

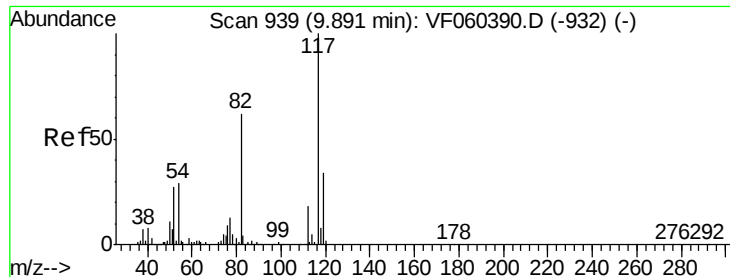
apatel
10/9/2018 8:53:41 AM



#62
4-Bromofluorobenzene
Concen: 33.875 ug/l
RT: 11.48 min Scan# 1101
Delta R.T. -0.00 min
Lab File: VF060487.D
Acq: 8 Oct 2018 16:32

Tgt Ion: 95 Resp: 203678
Ion Ratio Lower Upper
95 100
174 73.6 0.0 129.0
176 72.3 0.0 125.6





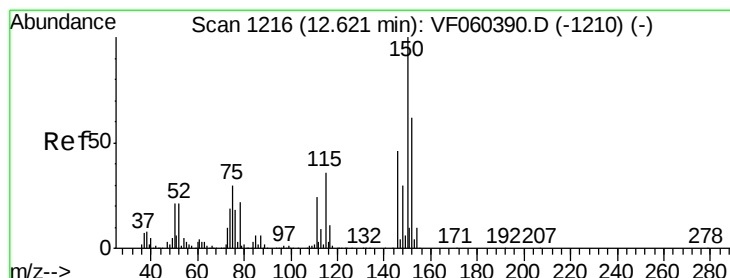
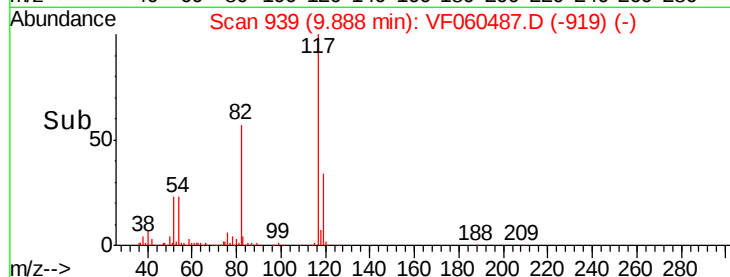
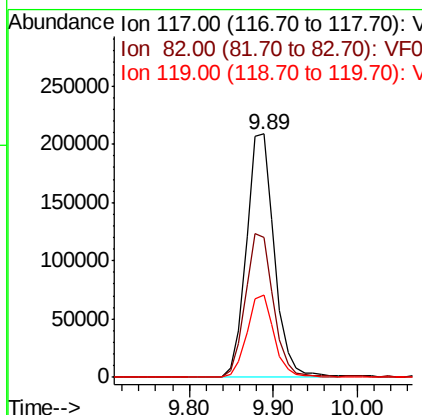
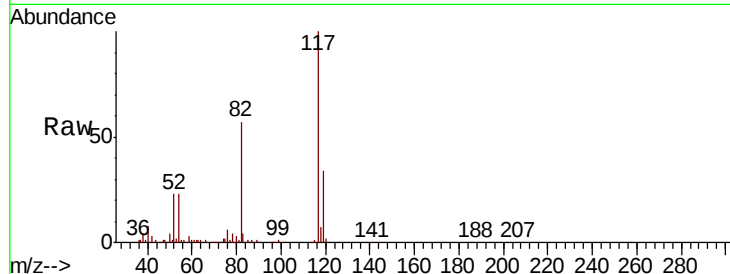
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.89 min Scan# 939
Delta R.T. -0.00 min
Lab File: VF060487.D
Acq: 8 Oct 2018 16:32

Instrument :
MSVOA_F
ClientSampleId :
B-3(14.5-15)RE

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	485630		
82	57.4	49.5	74.3	
119	33.9	27.0	40.6	

Manual Integrations
APPROVED

apatel
10/9/2018 8:53:41 AM



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.61 min Scan# 1215
Delta R.T. -0.01 min
Lab File: VF060487.D
Acq: 8 Oct 2018 16:32

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	275004		
115	61.4	28.6	85.8	
150	152.9	0.0	324.6	

