

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF100218\
 Data File : VF060413.D
 Acq On : 2 Oct 2018 20:19
 Operator : VA/AP
 Sample : J5150-02
 Misc : 5.19/5mL/MSVOA F/SOIL
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 SSSI-0926-S-10B

Manual Integrations
 APPROVED

apatel
 10/3/2018 1:15:50 PM

Quant Time: Oct 03 03:25:27 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	5.02	168	250279	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.75	114	430559	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.90	117	330512	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.63	152	146058	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.00	65	207048	52.87	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.74%	
35) Dibromofluoromethane	4.27	113	223175	55.18	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.36%	
50) Toluene-d8	7.69	98	435374	43.71	ug/l	0.00
Spiked Amount 50.000			Recovery	=	87.42%	
62) 4-Bromofluorobenzene	11.49	95	168944	37.14	ug/l	0.00
Spiked Amount 50.000			Recovery	=	74.28%	
Target Compounds						
16) Acetone	2.33	43	1572827	2127.802	ug/l #	88
20) Methylene Chloride	2.32	84	25945m	3.947	ug/l	
95) Naphthalene	14.51	128	113665	18.351	ug/l	99

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

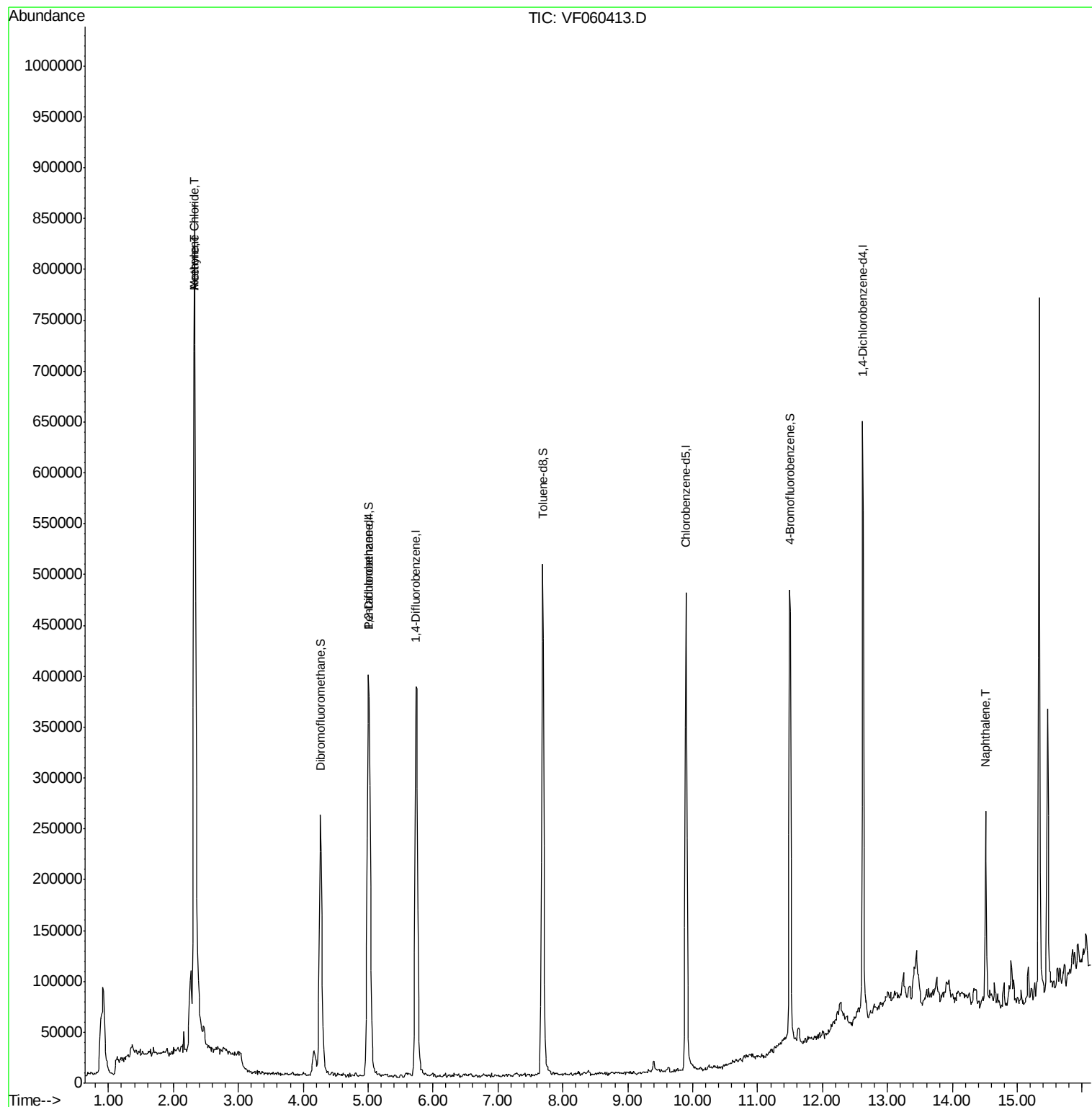
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF100218\
Data File : VF060413.D
Acq On : 2 Oct 2018 20:19
Operator : VA/AP
Sample : J5150-02
Misc : 5.19/5mL/MSVOA F/SOIL
ALS Vial : 48 Sample Multiplier: 1

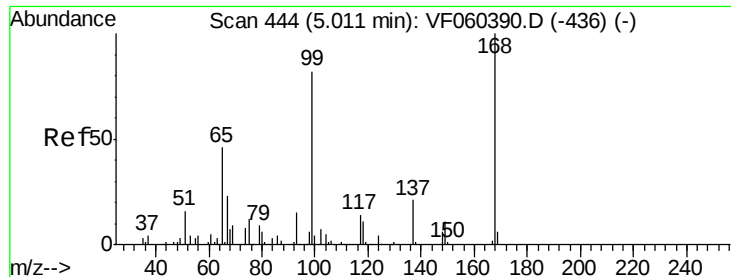
Instrument :
MSVOA_F
ClientSampleId :
SSSI-0926-S-10B

Manual Integrations
APPROVED

apatel
10/3/2018 1:15:50 PM

Quant Time: Oct 03 03:25:27 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: 5.02 min Scan# 445

Delta R.T. 0.00 min

Lab File: VF060413.D

Acq: 2 Oct 2018 20:19

Instrument :

MSVOA_F

ClientSampleId :

SSSI-0926-S-10B

Tot Ion:168 Resp: 250279

Ion Ratio Lower Upper

168 100

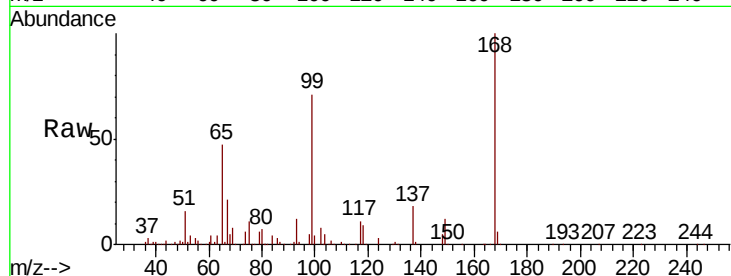
99 70.8 65.3 97.9

Manual Integrations

APPROVED

apatel

10/3/2018 1:15:50 PM

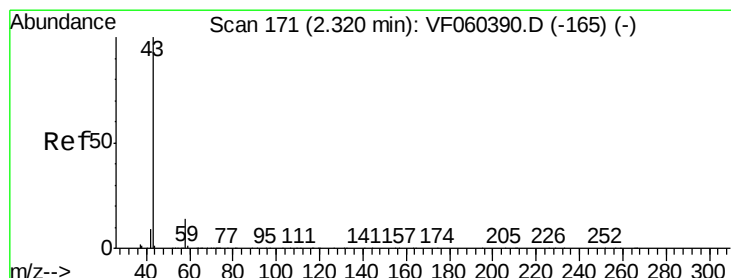
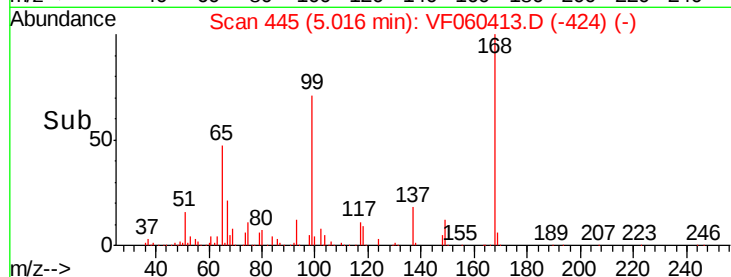


Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

5.02

Time-->



#16

Acetone

Concen: 2127.802 ug/l

RT: 2.33 min Scan# 172

Delta R.T. 0.01 min

Lab File: VF060413.D

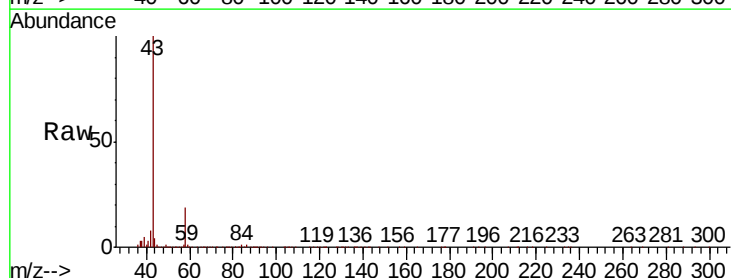
Acq: 2 Oct 2018 20:19

Tgt Ion: 43 Resp: 1572827

Ion Ratio Lower Upper

43 100

58 19.0 11.2 16.8#

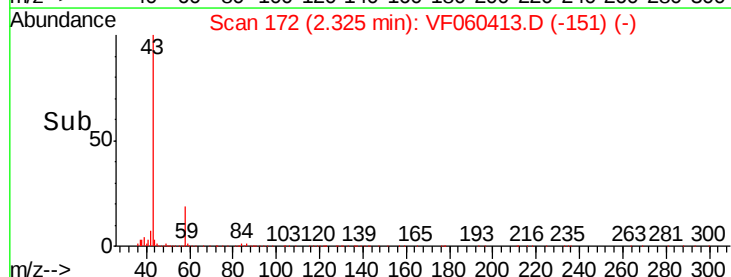


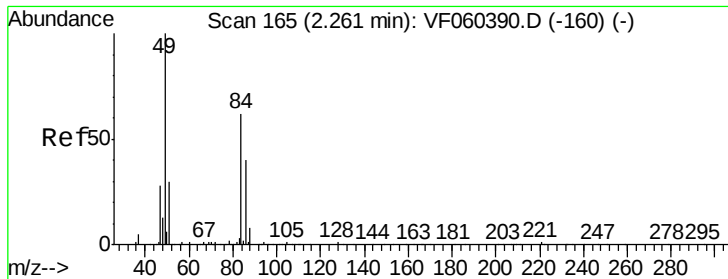
Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0

2.33

Time-->





#20

Methvlene Chloride

Concen: 3.947 ug/l m

RT: 2.32 min Scan# 171

Delta R.T. 0.05 min

Lab File: VF060413.D

Acq: 2 Oct 2018 20:19

Instrument :

MSVOA_F

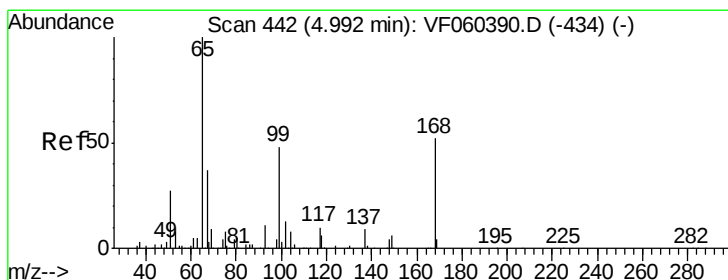
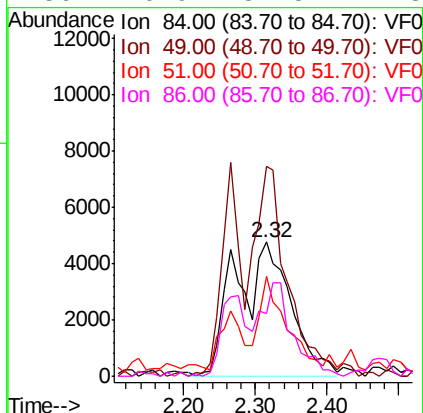
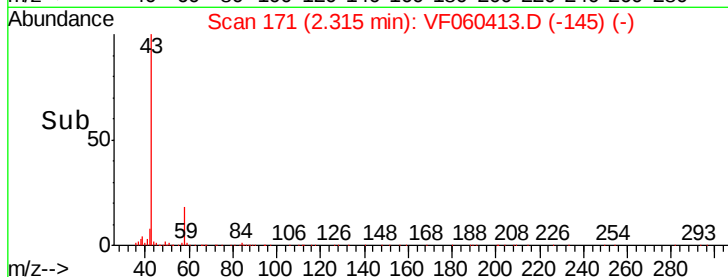
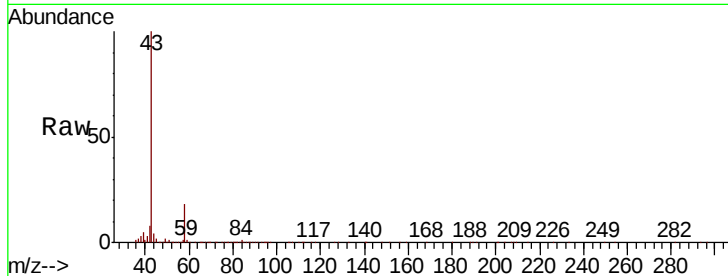
ClientSampleId :

SSSI-0926-S-10B

Tot Ion:	84	Resp:	25945
Ion Ratio	Lower	Upper	
84	100		
49	156.6	130.2	195.2
51	74.1	41.0	61.6#
86	46.9	51.5	77.3#

Manual Integrations
APPROVED

apatel
10/3/2018 1:15:50 PM



#33

1,2-Dichloroethane-d4

Concen: 52.868 ug/l

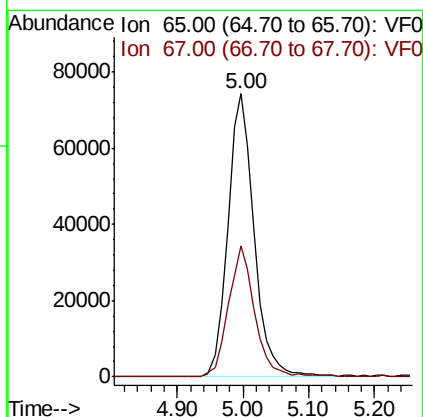
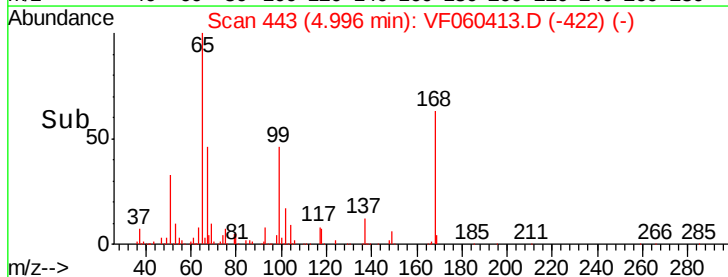
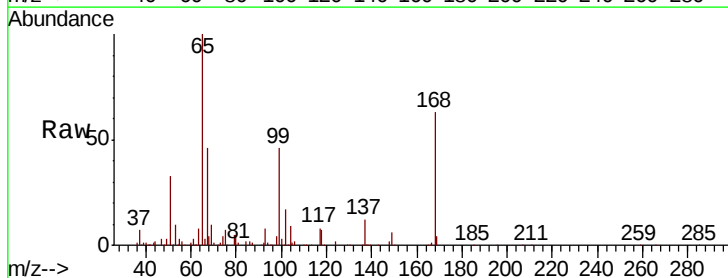
RT: 5.00 min Scan# 443

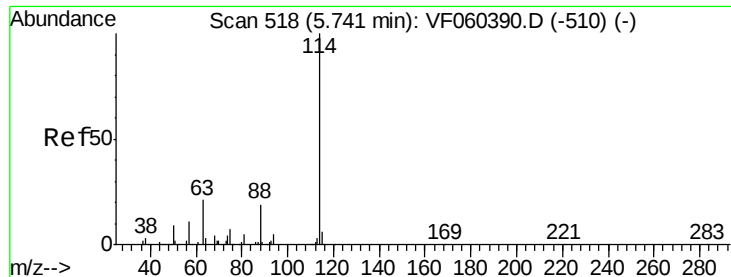
Delta R.T. 0.00 min

Lab File: VF060413.D

Acq: 2 Oct 2018 20:19

Tgt Ion:	65	Resp:	207048
Ion Ratio	Lower	Upper	
65	100		
67	46.1	0.0	89.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.75 min Scan# 519

Delta R.T. 0.00 min

Lab File: VF060413.D

Acq: 2 Oct 2018 20:19

Instrument :

MSVOA_F

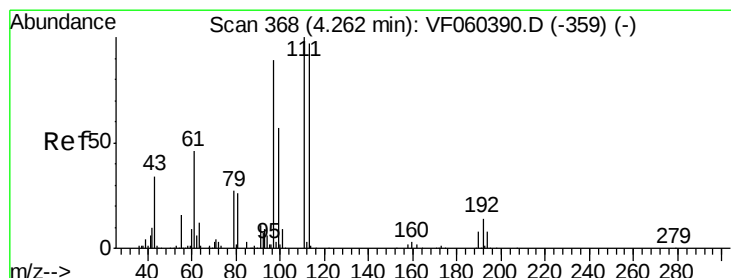
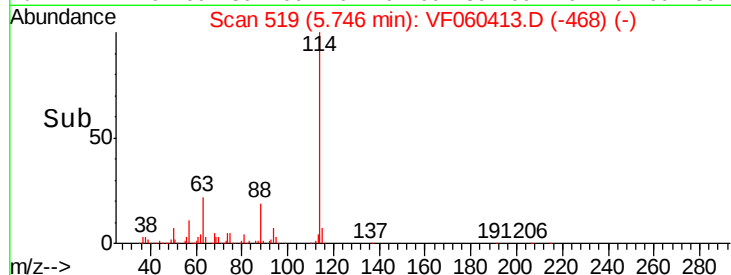
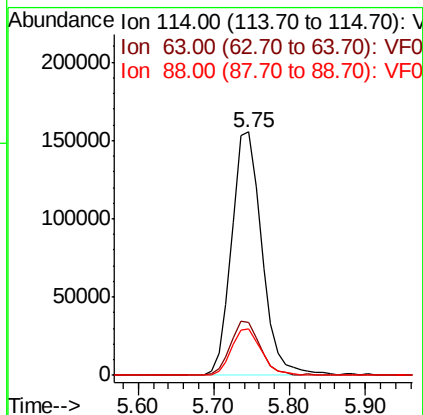
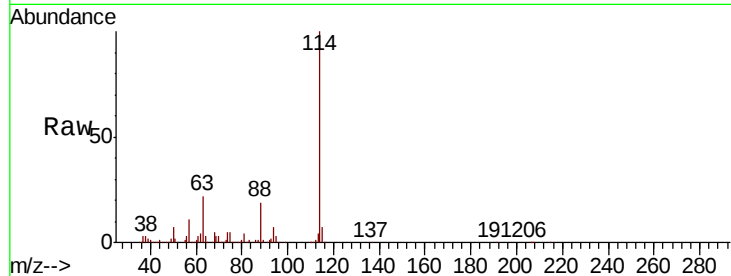
ClientSampleId :

SSSI-0926-S-10B

Tot Ion:	114	Resp:	430559
Ion Ratio	Lower	Upper	
114	100		
63	21.7	0.0	42.2
88	19.3	0.0	38.8

Manual Integrations
APPROVED

apatel
10/3/2018 1:15:50 PM



#35

Dibromofluoromethane

Concen: 55.175 ug/l

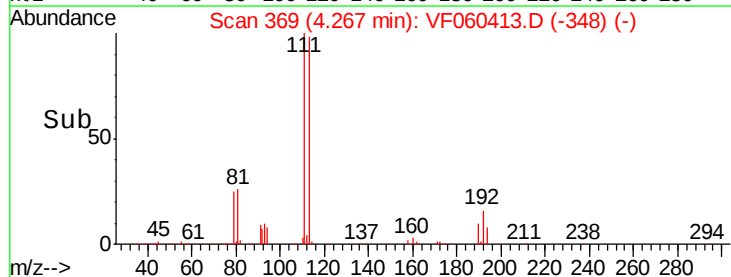
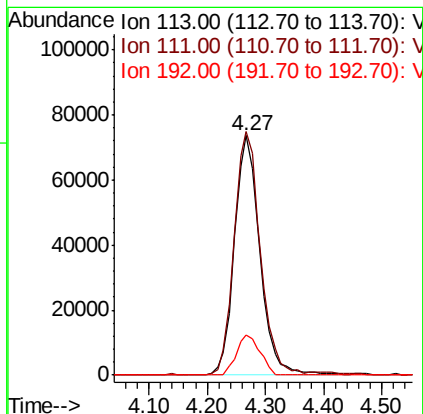
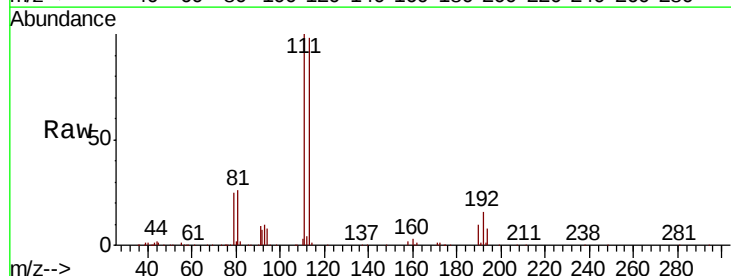
RT: 4.27 min Scan# 369

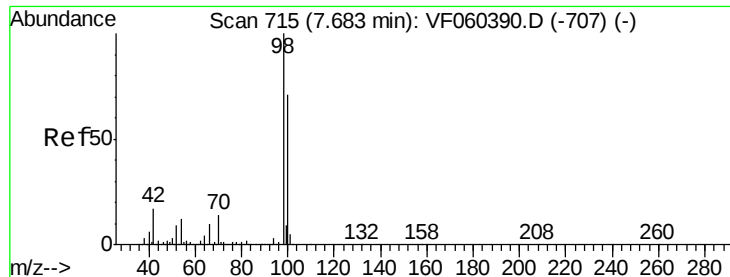
Delta R.T. 0.00 min

Lab File: VF060413.D

Acq: 2 Oct 2018 20:19

Tgt Ion:	113	Resp:	223175
Ion Ratio	Lower	Upper	
113	100		
111	101.6	82.3	123.5
192	16.6	11.8	17.6





#50

Toluene-d8

Concen: 43.705 ug/l

RT: 7.69 min Scan# 716

Delta R.T. 0.00 min

Lab File: VF060413.D

Acq: 2 Oct 2018 20:19

Instrument :

MSVOA_F

ClientSampleId :

SSSI-0926-S-10B

Tot Ion: 98 Resp: 435374

Ion Ratio Lower Upper

98 100

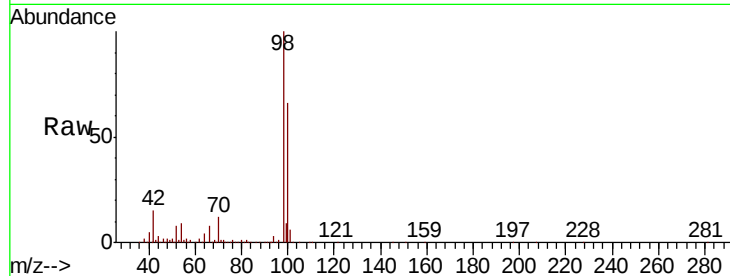
100 66.0 56.5 84.7

Manual Integrations

APPROVED

apatel

10/3/2018 1:15:50 PM



Abundance Ion 98.00 (97.70 to 98.70): VF0

Ion 100.00 (99.70 to 100.70): VF

7.69

200000

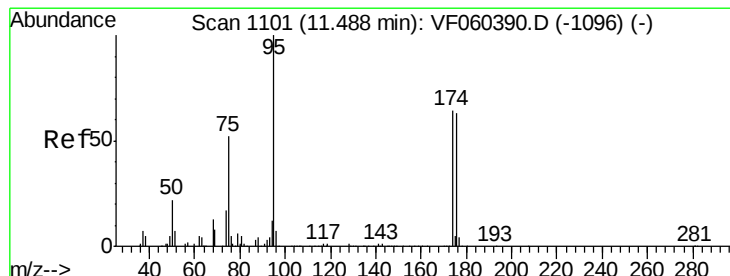
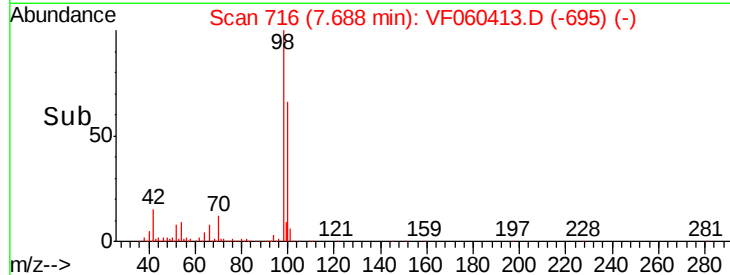
150000

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 37.143 ug/l

RT: 11.49 min Scan# 1102

Delta R.T. 0.00 min

Lab File: VF060413.D

Acq: 2 Oct 2018 20:19

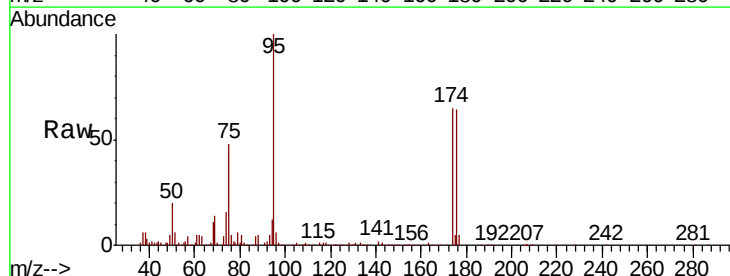
Tgt Ion: 95 Resp: 168944

Ion Ratio Lower Upper

95 100

174 65.2 0.0 129.0

176 63.8 0.0 125.6



Abundance Ion 95.00 (94.70 to 95.70): VF0

Ion 174.00 (173.70 to 174.70): V

Ion 176.00 (175.70 to 176.70): V

120000

100000

80000

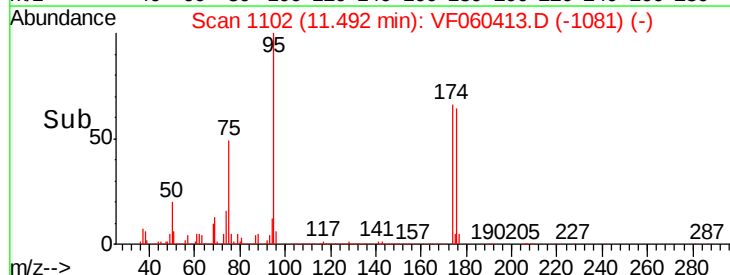
60000

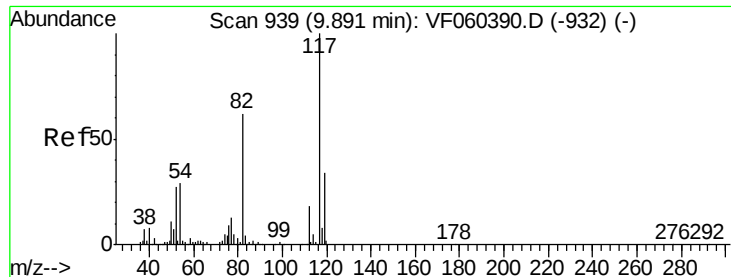
40000

20000

0

Time-->





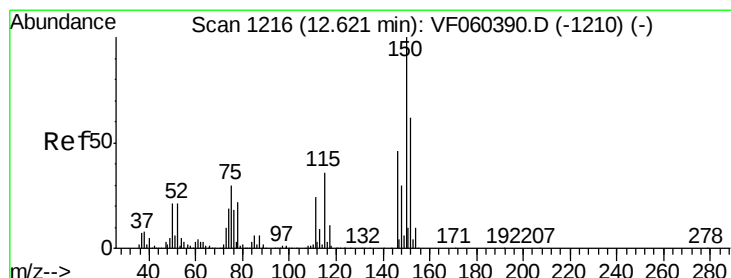
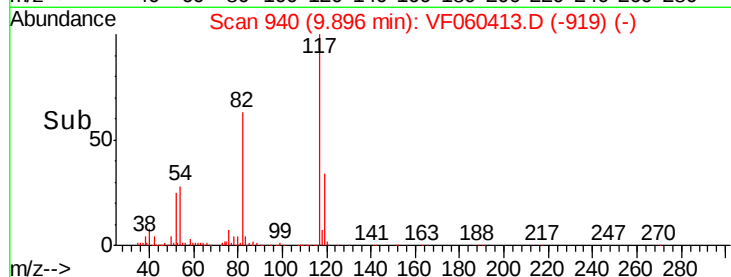
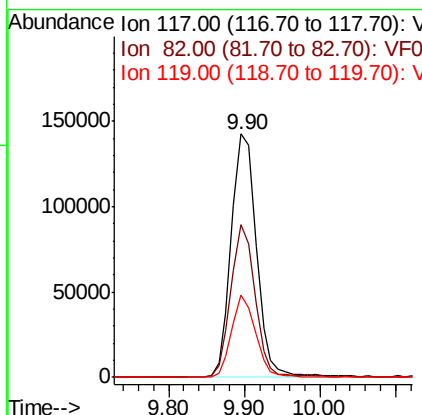
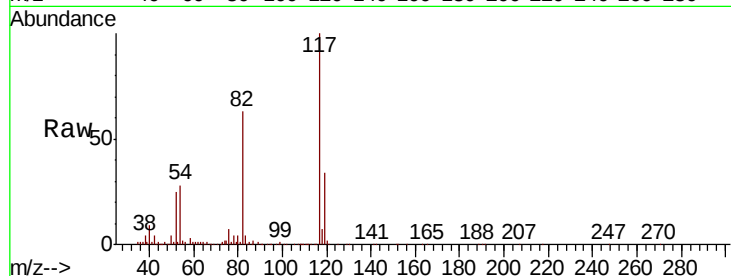
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.90 min Scan# 940
Delta R.T. 0.00 min
Lab File: VF060413.D
Acq: 2 Oct 2018 20:19

Instrument :
MSVOA_F
ClientSampleId :
SSSI-0926-S-10B

Tot Ion	Ratio	Resp	Lower	Upper
117	100	330512		
82	62.9	49.5	74.3	
119	33.9	27.0	40.6	

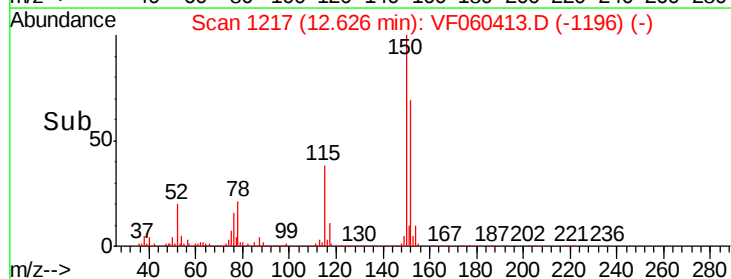
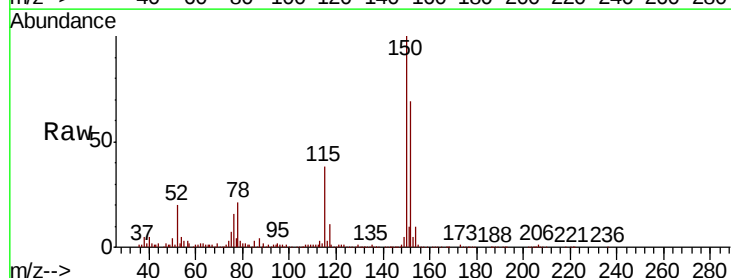
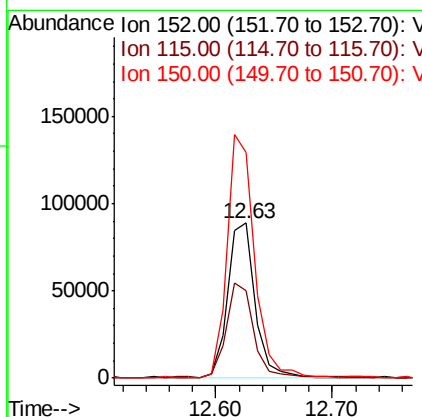
Manual Integrations
APPROVED

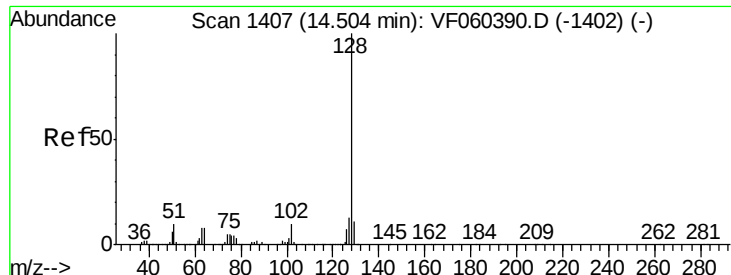
apatel
10/3/2018 1:15:50 PM



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.63 min Scan# 1217
Delta R.T. 0.00 min
Lab File: VF060413.D
Acq: 2 Oct 2018 20:19

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	146058		
115	56.1	28.6	85.8	
150	145.7	0.0	324.6	





#95
Naphthalene
Concen: 18.351 ug/l
RT: 14.51 min Scan# 1408
Delta R.T. 0.00 min
Lab File: VF060413.D
Acq: 2 Oct 2018 20:19

Instrument :
MSVOA_F
ClientSampleId :
SSSI-0926-S-10B

Tot Ion	Ratio	Resp Lower	Upper
128	100		
127	12.1	10.0	15.0
129	10.5	8.7	13.1

Manual Integrations
APPROVED

apatel
10/3/2018 1:15:50 PM

