

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF102618\
 Data File : VF060527.D
 Acq On : 26 Oct 2018 20:20
 Operator : VA/AP
 Sample : J5204-11
 Misc : 6.81/5mL/MSVOA F/SOIL
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 SU-02-102518-B

Manual Integrations
 APPROVED

apatel
 10/29/2018 12:12:18 PM

Quant Time: Oct 27 04:01:54 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F102518S.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 26 02:17:41 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.05	168	348587	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.77	114	519179	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.92	117	437694	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.63	152	223643	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.02	65	254676	36.76	ug/l	0.00
Spiked Amount 50.000			Recovery	=	73.52%	
35) Dibromofluoromethane	4.30	113	270448	43.46	ug/l	0.01
Spiked Amount 50.000			Recovery	=	86.92%	
50) Toluene-d8	7.71	98	546214	43.74	ug/l	0.00
Spiked Amount 50.000			Recovery	=	87.48%	
62) 4-Bromofluorobenzene	11.51	95	224368	32.26	ug/l	0.00
Spiked Amount 50.000			Recovery	=	64.52%	
Target Compounds						
20) Methylene Chloride	2.29	84	25499m	2.367	ug/l	
52) Toluene	7.78	92	13689	1.647	ug/l	76
95) Naphthalene	14.52	128	15520	1.674	ug/l #	79

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

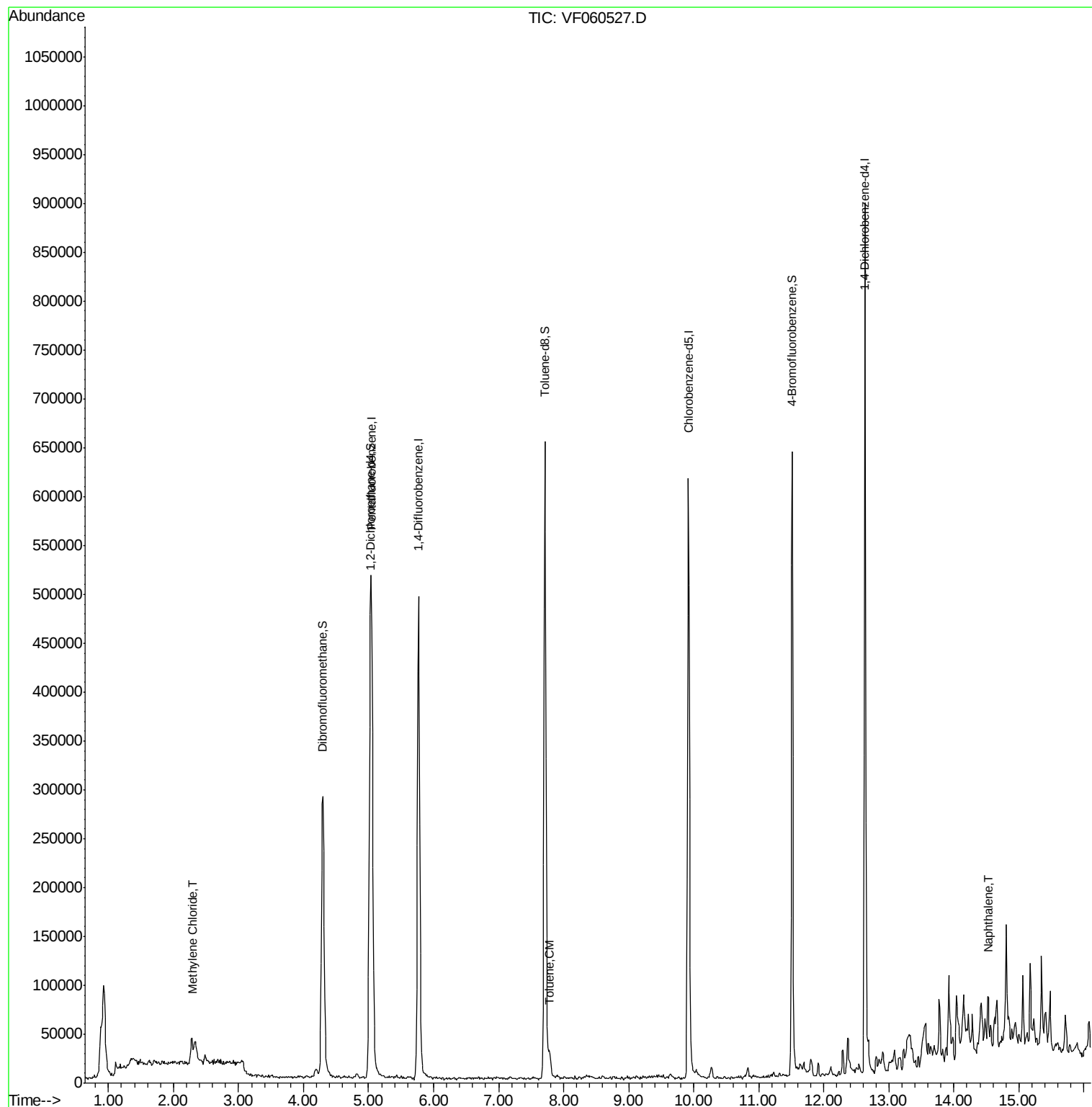
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF102618\
Data File : VF060527.D
Acq On : 26 Oct 2018 20:20
Operator : VA/AP
Sample : J5204-11
Misc : 6.81/5mL/MSVOA F/SOIL
ALS Vial : 43 Sample Multiplier: 1

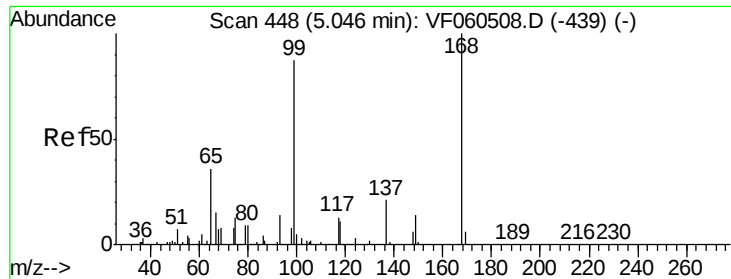
Instrument :
MSVOA_F
ClientSampleId :
SU-02-102518-B

Manual Integrations
APPROVED

apatel
10/29/2018 12:12:18 PM

Quant Time: Oct 27 04:01:54 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F102518S.M
Quant Title : SW846 8260
QLast Update : Fri Oct 26 02:17:41 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.05 min Scan# 448

Delta R.T. 0.00 min

Lab File: VF060527.D

Acq: 26 Oct 2018 20:20

Instrument :

MSVOA_F

ClientSampleId :

SU-02-102518-B

Tot Ion:168 Resp: 348587

Ion Ratio Lower Upper

168 100

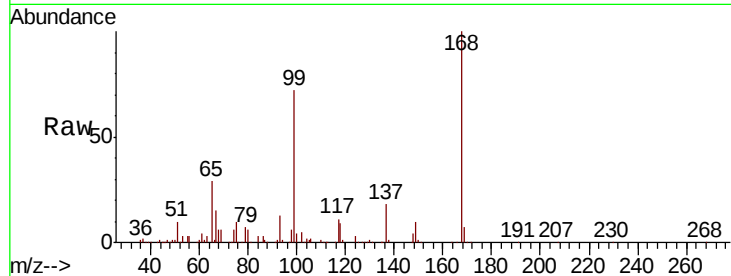
99 72.3 69.9 104.9

Manual Integrations

APPROVED

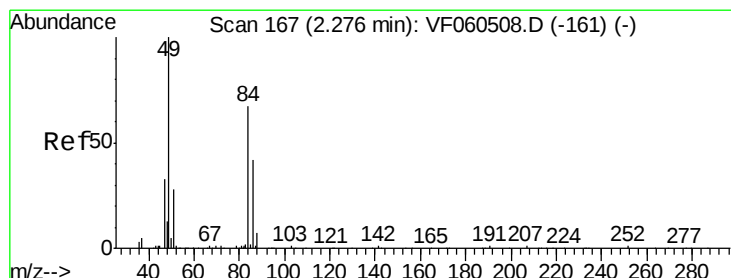
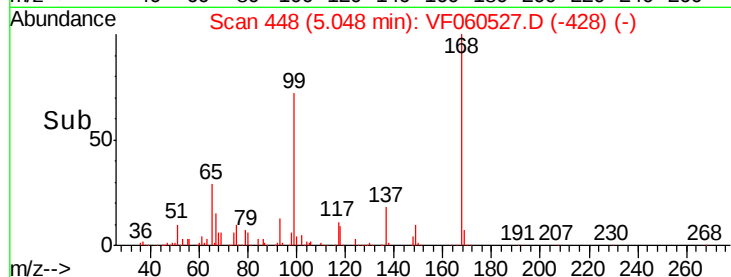
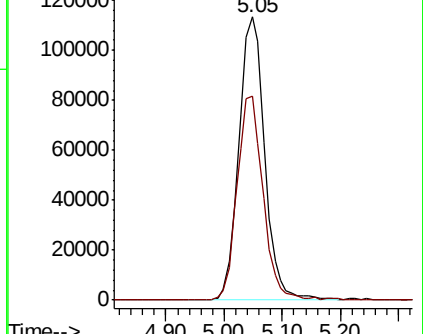
apatel

10/29/2018 12:12:18 PM



Abundance Ion 168.00 (167.70 to 168.70): V

Ion 99.00 (98.70 to 99.70): VF0



#20

Methylene Chloride

Concen: 2.367 ug/l m

RT: 2.29 min Scan# 168

Delta R.T. 0.01 min

Lab File: VF060527.D

Acq: 26 Oct 2018 20:20

Tgt Ion: 84 Resp: 25499

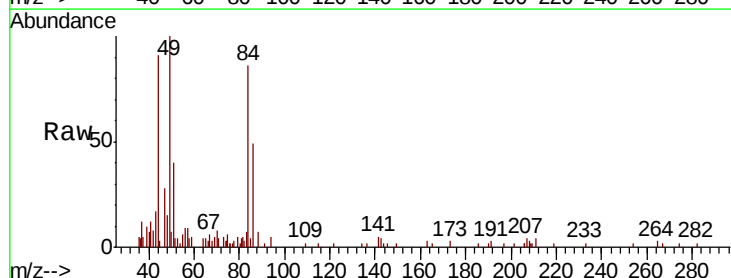
Ion Ratio Lower Upper

84 100

49 116.1 123.1 184.7#

51 46.2 35.3 52.9

86 56.9 49.9 74.9

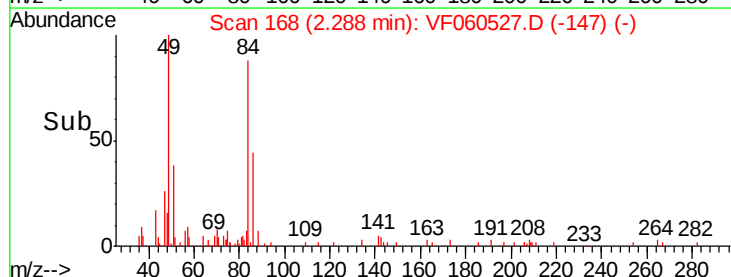
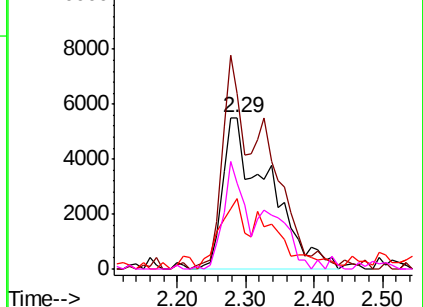


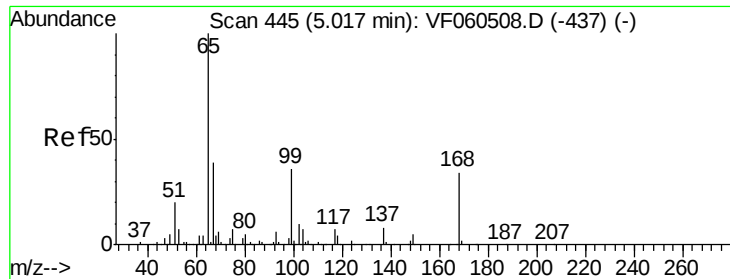
Abundance Ion 84.00 (83.70 to 84.70): VF0

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





#33

1,2-Dichloroethane-d4

Concen: 36.758 ug/l

RT: 5.02 min Scan# 445

Delta R.T. 0.00 min

Lab File: VF060527.D

Acq: 26 Oct 2018 20:20

Instrument :

MSVOA_F

ClientSampleId :

SU-02-102518-B

Tot Ion: 65 Resp: 254676

Ion Ratio Lower Upper

65 100

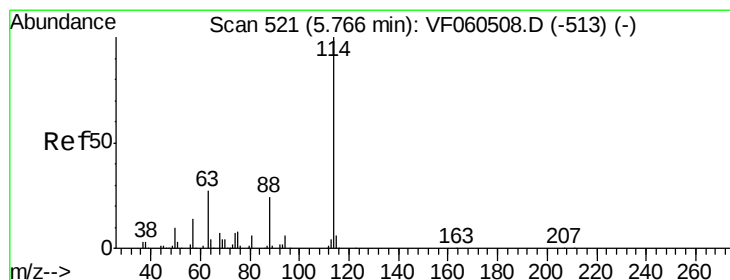
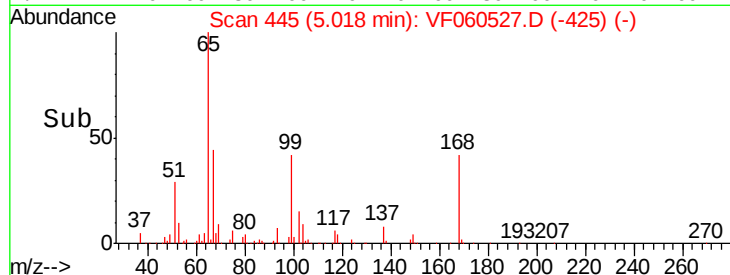
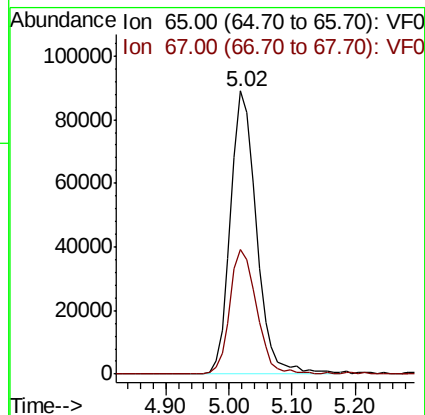
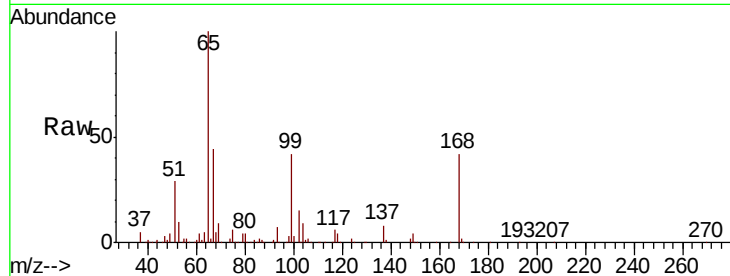
67 44.0 0.0 85.8

Manual Integrations

APPROVED

apatel

10/29/2018 12:12:18 PM



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.77 min Scan# 521

Delta R.T. 0.00 min

Lab File: VF060527.D

Acq: 26 Oct 2018 20:20

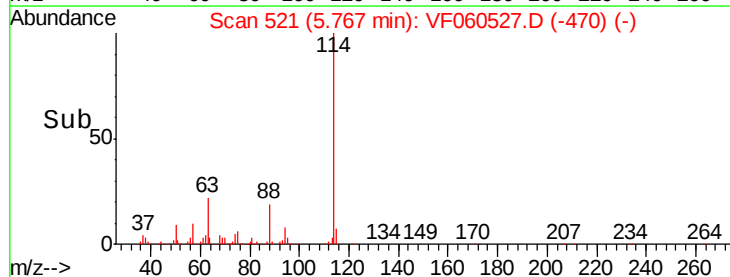
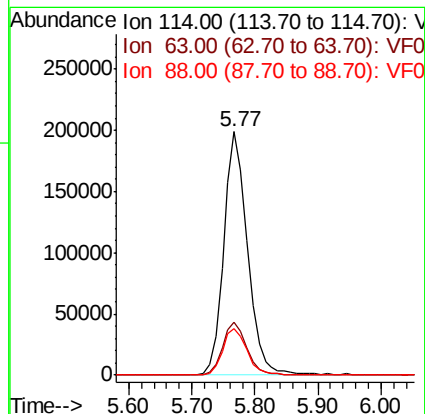
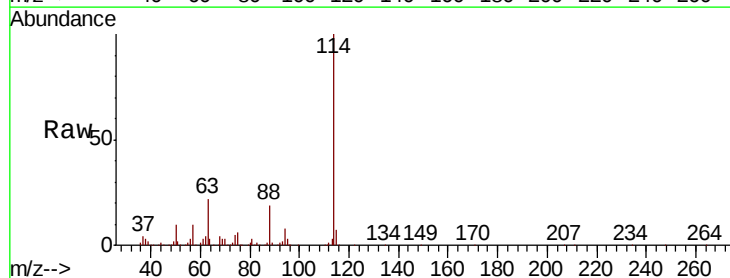
Tgt Ion: 114 Resp: 519179

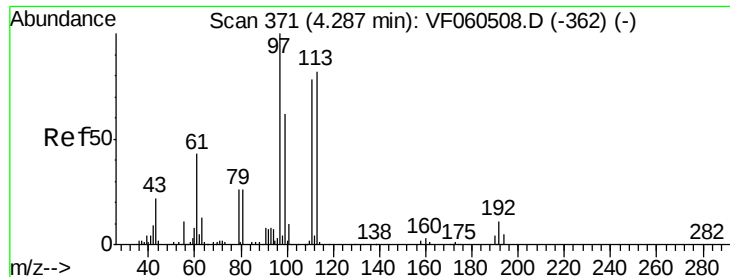
Ion Ratio Lower Upper

114 100

63 21.7 0.0 54.4

88 19.1 0.0 47.2





#35

Dibromofluoromethane

Concen: 43.458 ug/l

RT: 4.30 min Scan# 372

Delta R.T. 0.01 min

Lab File: VF060527.D

Acq: 26 Oct 2018 20:20

Instrument :

MSVOA_F

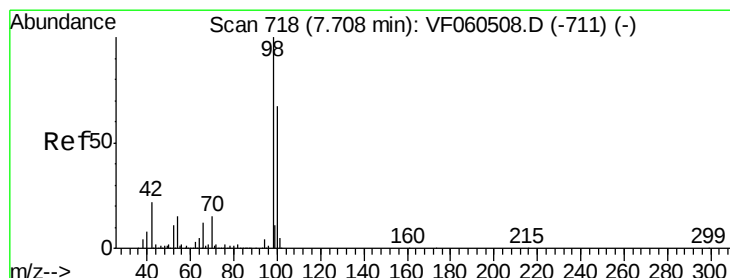
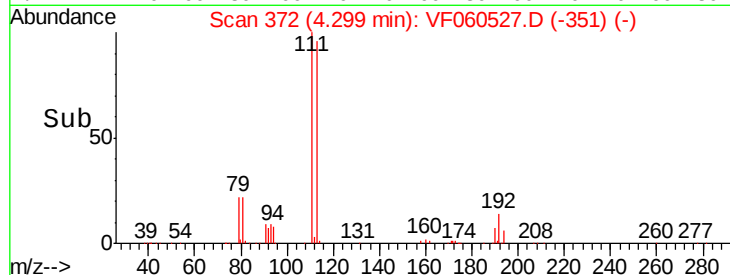
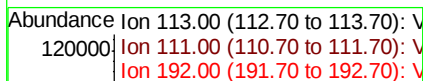
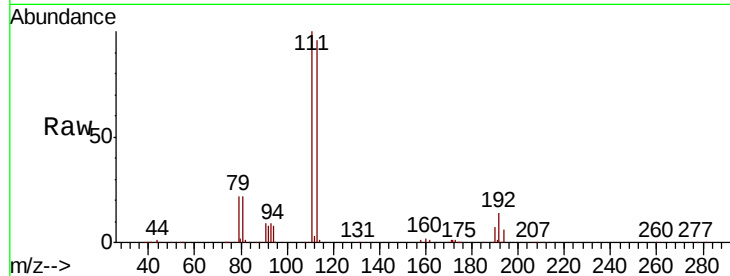
ClientSampleId :

SU-02-102518-B

Tot Ion:	113	Resp:	270448
Ion Ratio	Lower	Upper	
113	100		
111	103.8	75.9	113.9
192	14.3	10.6	15.8

Manual Integrations
APPROVED

apatel
10/29/2018 12:12:18 PM



#50

Toluene-d8

Concen: 43.735 ug/l

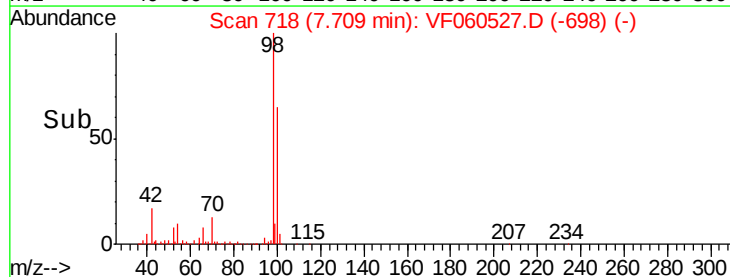
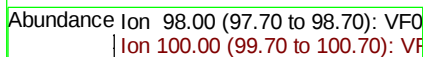
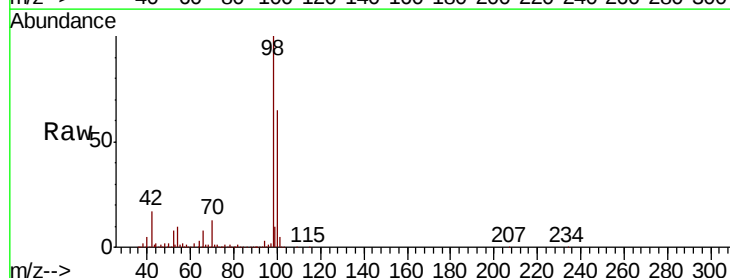
RT: 7.71 min Scan# 718

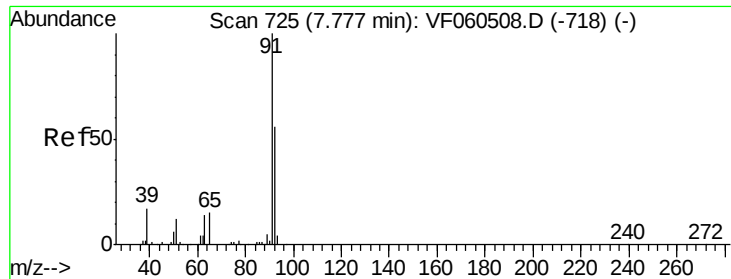
Delta R.T. 0.00 min

Lab File: VF060527.D

Acq: 26 Oct 2018 20:20

Tgt Ion:	98	Resp:	546214
Ion Ratio	Lower	Upper	
98	100		
100	65.2	53.4	80.0





#52

Toluene

Concen: 1.647 ug/l

RT: 7.78 min Scan# 725

Delta R.T. 0.00 min

Lab File: VF060527.D

Acq: 26 Oct 2018 20:20

Instrument :

MSVOA_F

ClientSampleId :

SU-02-102518-B

Tot Ion: 92 Resp: 13689

Ion Ratio Lower Upper

92 100

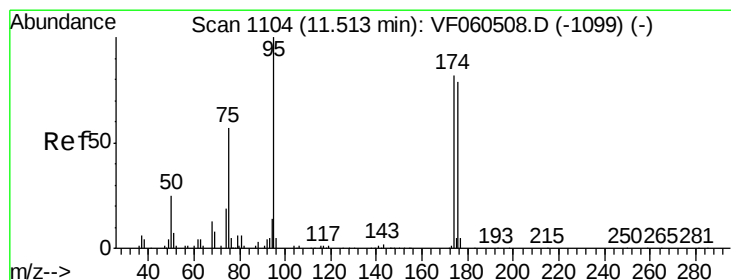
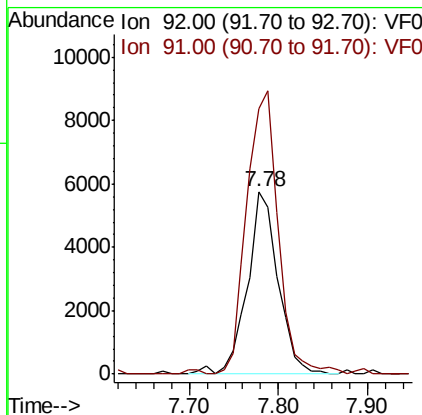
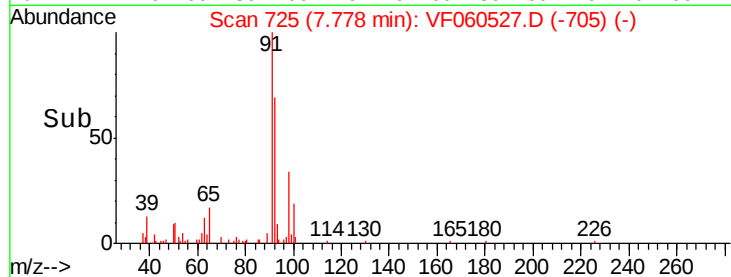
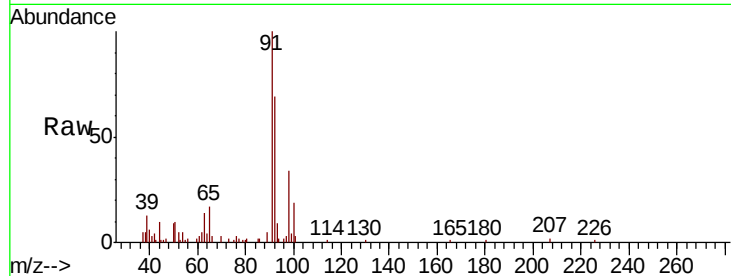
91 145.6 143.8 215.8

Manual Integrations

APPROVED

apatel

10/29/2018 12:12:18 PM



#62

4-Bromofluorobenzene

Concen: 32.255 ug/l

RT: 11.51 min Scan# 1104

Delta R.T. 0.00 min

Lab File: VF060527.D

Acq: 26 Oct 2018 20:20

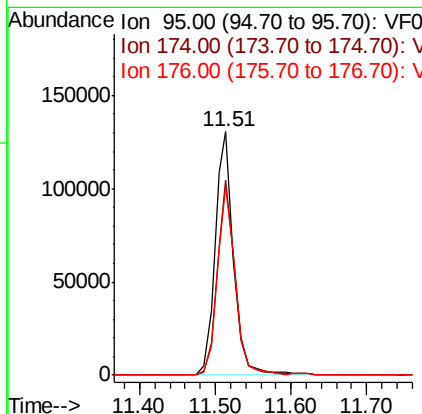
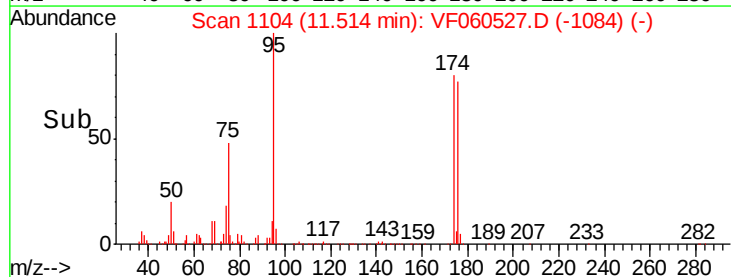
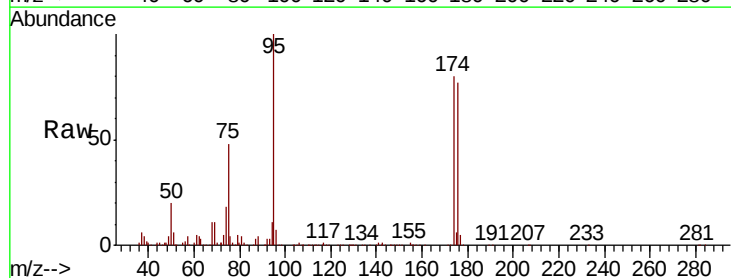
Tgt Ion: 95 Resp: 224368

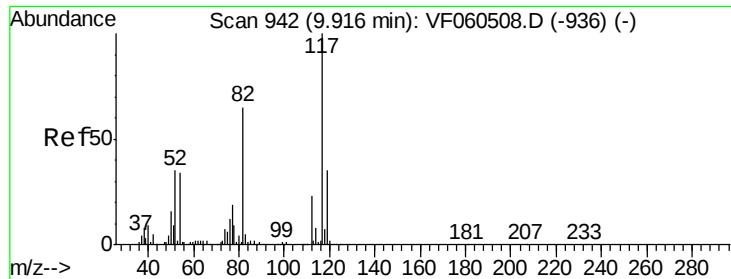
Ion Ratio Lower Upper

95 100

174 80.1 0.0 164.2

176 77.4 0.0 158.4





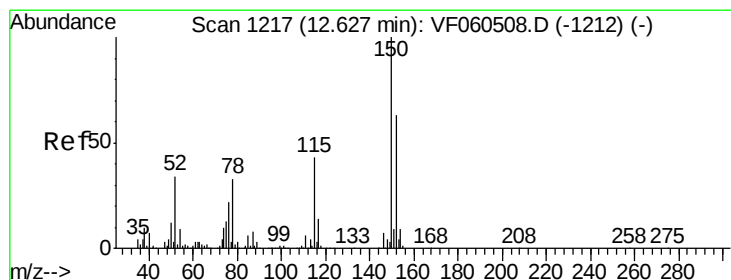
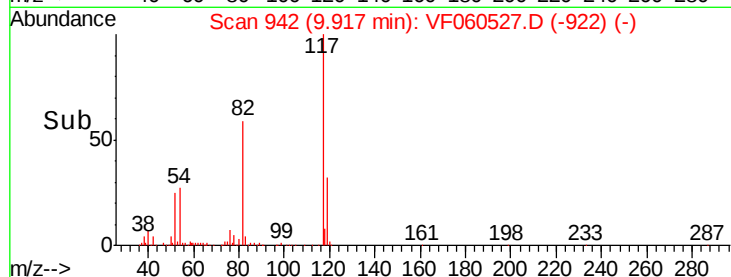
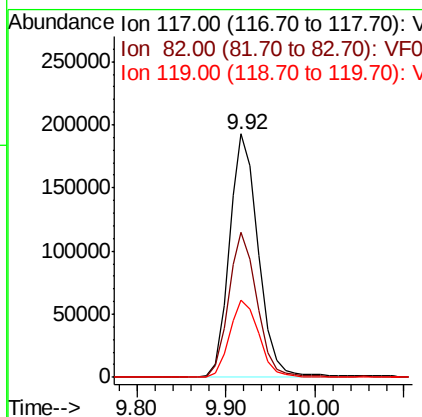
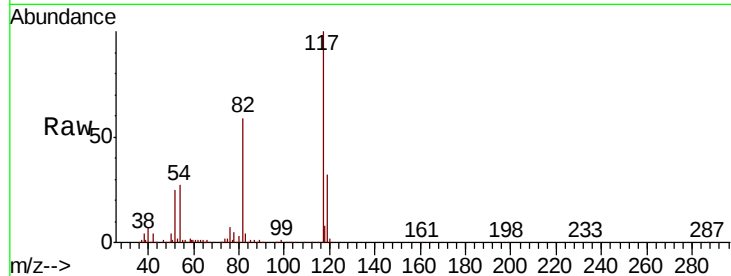
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.92 min Scan# 942
Delta R.T. 0.00 min
Lab File: VF060527.D
Acq: 26 Oct 2018 20:20

Instrument :
MSVOA_F
ClientSampleId :
SU-02-102518-B

Tot Ion	Ratio	Lower	Upper
117	100		
82	59.5	51.7	77.5
119	31.8	28.3	42.5

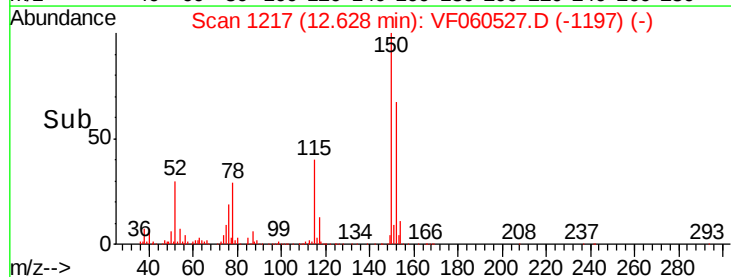
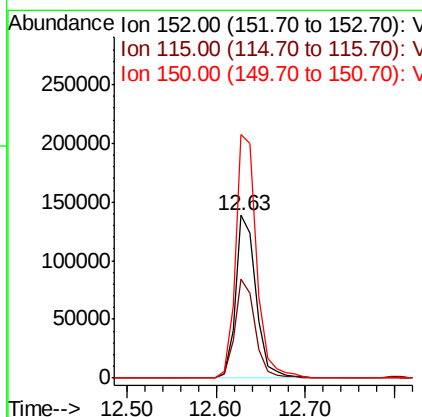
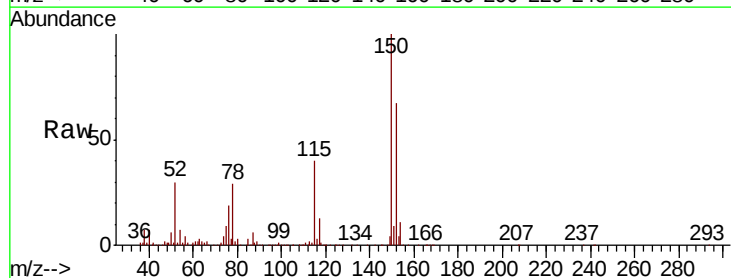
Manual Integrations
APPROVED

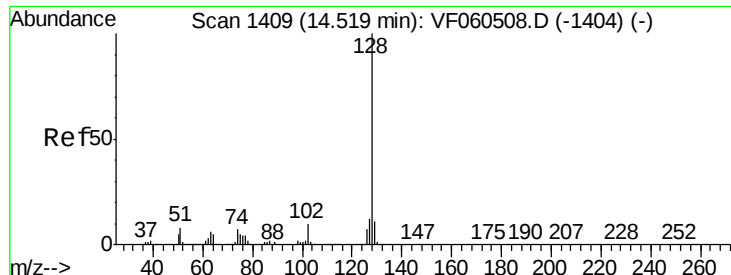
apatel
10/29/2018 12:12:18 PM



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.63 min Scan# 1217
Delta R.T. 0.00 min
Lab File: VF060527.D
Acq: 26 Oct 2018 20:20

Tgt Ion	Ratio	Lower	Upper
152	100		
115	60.5	34.6	103.9
150	149.6	0.0	319.8





#95
Naphthalene
Concen: 1.674 ug/l
RT: 14.52 min Scan# 1409
Delta R.T. 0.00 min
Lab File: VF060527.D
Acq: 26 Oct 2018 20:20

Instrument :
MSVOA_F
ClientSampleId :
SU-02-102518-B

Tot Ion	Ratio	Lower	Upper
128	100		
127	14.9	10.0	15.0
129	25.7	8.9	13.3

Manual Integrations
APPROVED

apatel
10/29/2018 12:12:18 PM

