

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF121818\
 Data File : VF061063.D
 Acq On : 18 Dec 2018 15:26
 Operator : VA/AP
 Sample : J6379-04RE
 Misc : 5.21g/5mL/MSVOA-F/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 P001-SS003-1218-01RE

Manual Integrations
 APPROVED

MMDadoda
 12/19/2018 2:15:15 PM

Quant Time: Dec 19 01:31:42 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	4.87	168	136267	50.00	ug/l	-0.04
34) 1,4-Difluorobenzene	5.60	114	255002	50.00	ug/l	-0.04
63) Chlorobenzene-d5	9.77	117	219376	50.00	ug/l	-0.04
72) 1,4-Dichlorobenzene-d4	12.55	152	103113	50.00	ug/l	-0.02
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.85	65	79804	49.71	ug/l	-0.03
Spiked Amount 50.000			Recovery	=	99.42%	
35) Dibromofluoromethane	4.12	113	89935	44.46	ug/l	-0.03
Spiked Amount 50.000			Recovery	=	88.92%	
50) Toluene-d8	7.55	98	231109	38.78	ug/l	-0.04
Spiked Amount 50.000			Recovery	=	77.56%	
62) 4-Bromofluorobenzene	11.41	95	103268	38.13	ug/l	-0.03
Spiked Amount 50.000			Recovery	=	76.26%	
Target Compounds						
20) Methylene Chloride	2.23	84	5886m	5.420	ug/l	Qvalue

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

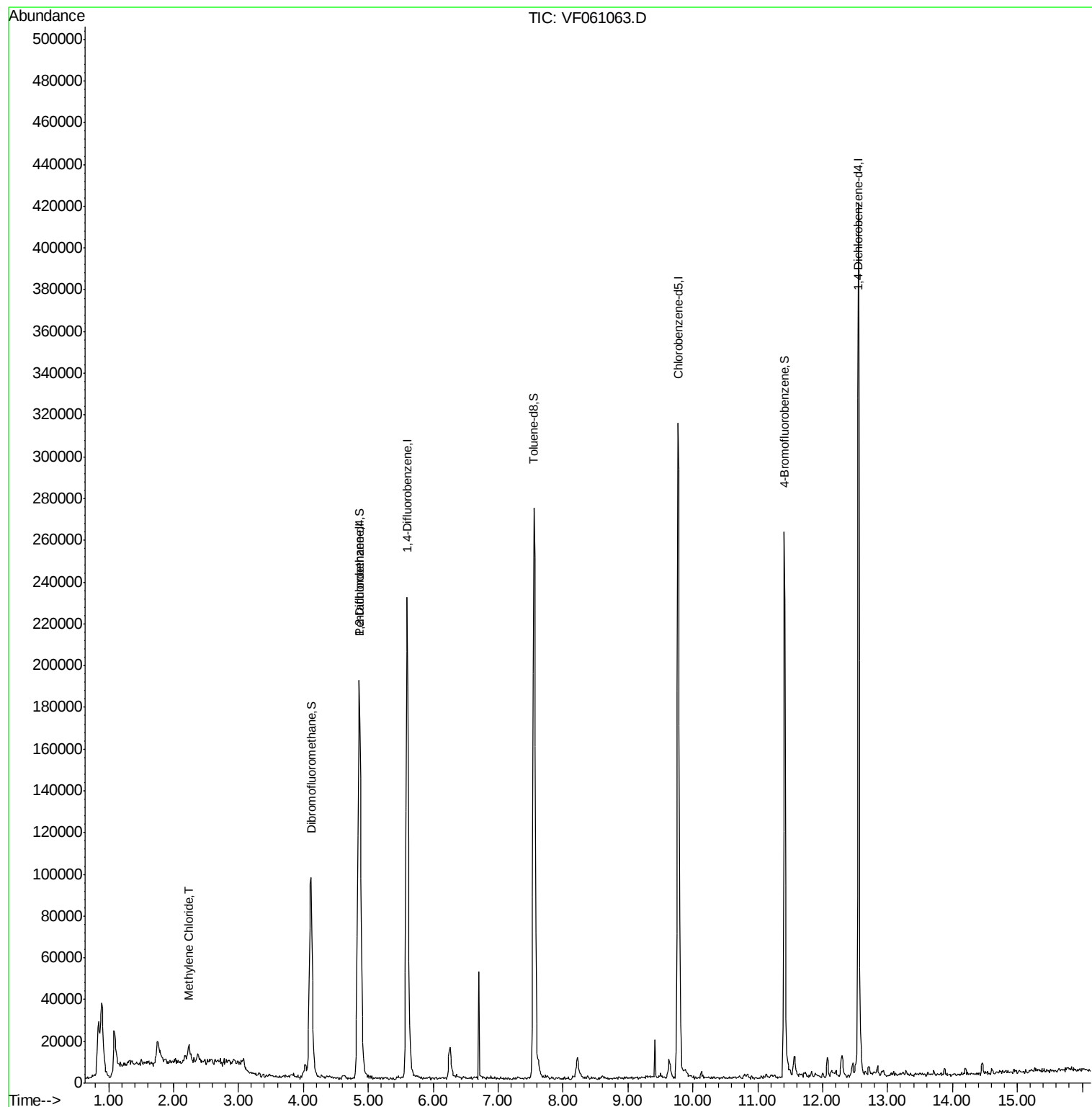
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF121818\
Data File : VF061063.D
Acq On : 18 Dec 2018 15:26
Operator : VA/AP
Sample : J6379-04RE
Misc : 5.21g/5mL/MSVOA-F/SOIL
ALS Vial : 9 Sample Multiplier: 1

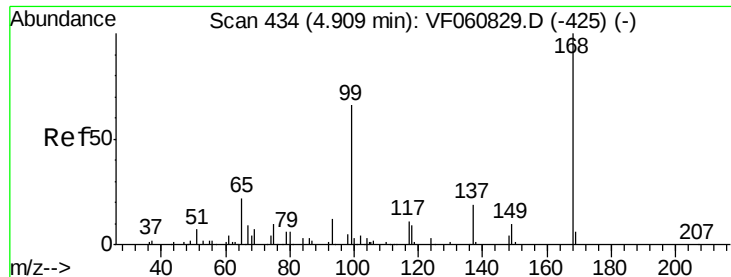
Instrument :
MSVOA_F
ClientSampleId :
P001-SS003-1218-01RE

Manual Integrations
APPROVED

MMDadoda
12/19/2018 2:15:15 PM

Quant Time: Dec 19 01:31:42 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: 4.87 min Scan# 430

Delta R.T. -0.04 min

Lab File: VF061063.D

Acq: 18 Dec 2018 15:26

Instrument :

MSVOA_F

ClientSampleId :

P001-SS003-1218-01RE

Tot Ion:168 Resp: 136267

Ion Ratio Lower Upper

168 100

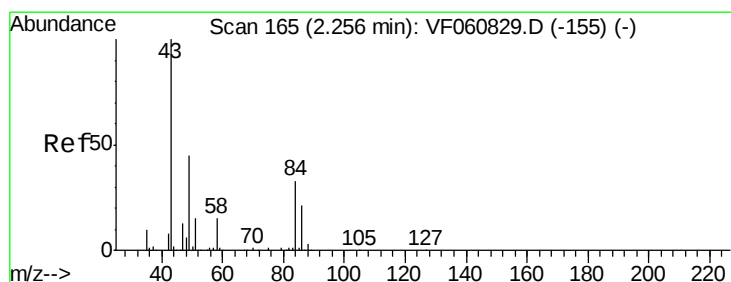
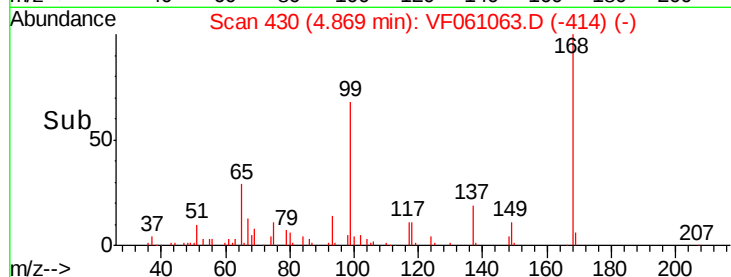
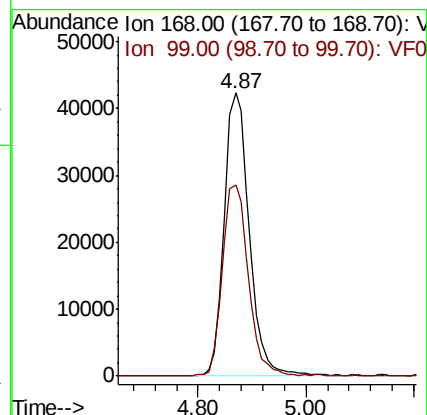
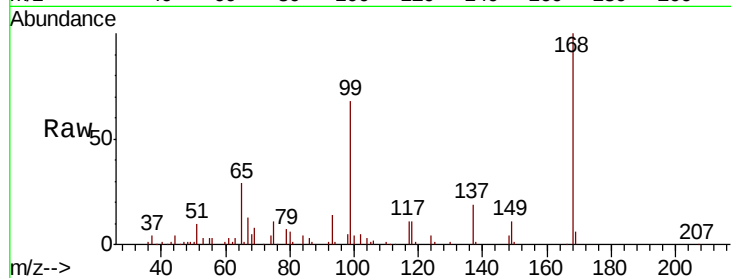
99 67.6 52.6 79.0

Manual Integrations

APPROVED

MMDadoda

12/19/2018 2:15:15 PM



#20

Methylene Chloride

Concen: 5.420 ug/l m

RT: 2.23 min Scan# 162

Delta R.T. -0.03 min

Lab File: VF061063.D

Acq: 18 Dec 2018 15:26

Tgt Ion: 84 Resp: 5886

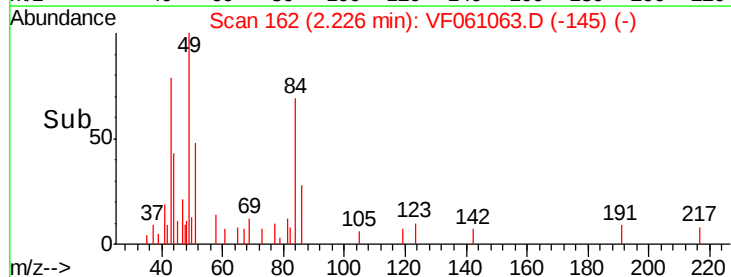
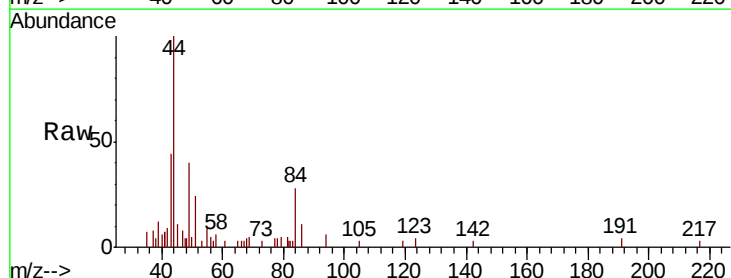
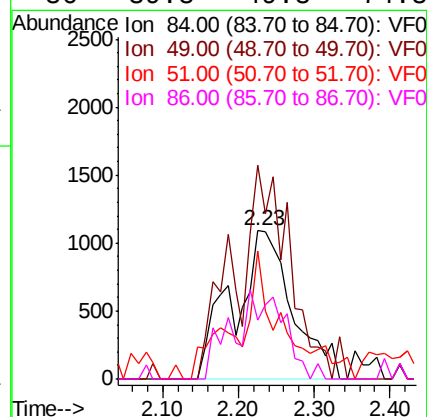
Ion Ratio Lower Upper

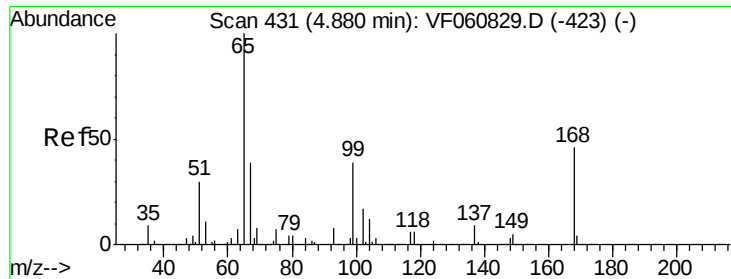
84 100

49 144.3 111.3 166.9

51 86.6 38.0 57.0#

86 39.8 49.8 74.8#





#33

1,2-Dichloroethane-d4

Concen: 49.714 ug/l

RT: 4.85 min Scan# 428

Delta R.T. -0.03 min

Lab File: VF061063.D

Acq: 18 Dec 2018 15:26

Instrument :

MSVOA_F

ClientSampleId :

P001-SS003-1218-01RE

Tot Ion: 65 Resp: 79804

Ion Ratio Lower Upper

65 100

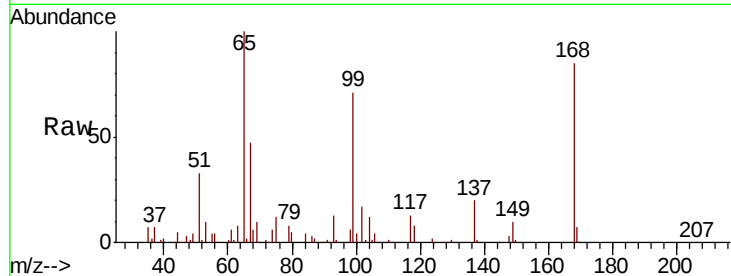
67 47.2 0.0 96.4

Manual Integrations

APPROVED

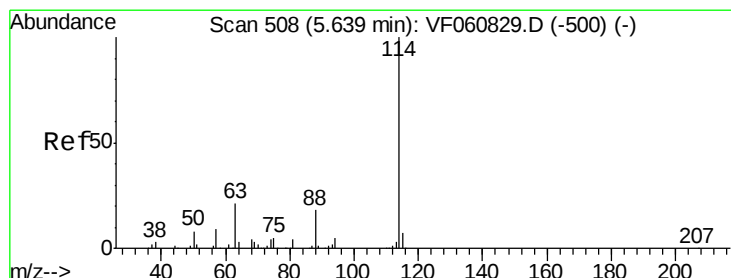
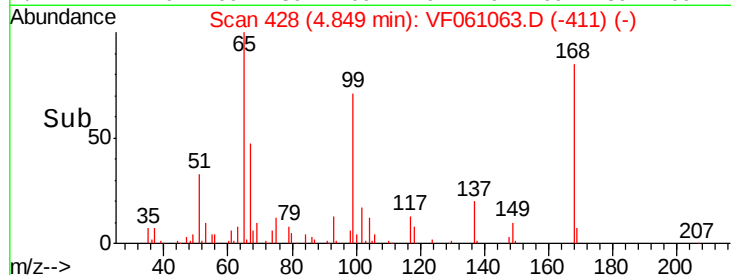
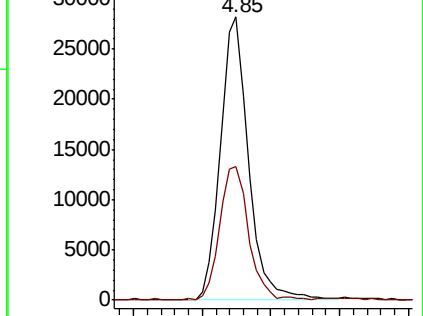
MMDadoda

12/19/2018 2:15:15 PM



Abundance Ion 65.00 (64.70 to 65.70): VF0

Ion 67.00 (66.70 to 67.70): VF0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.60 min Scan# 504

Delta R.T. -0.04 min

Lab File: VF061063.D

Acq: 18 Dec 2018 15:26

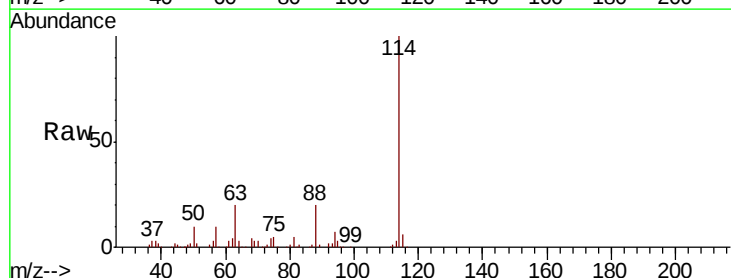
Tgt Ion: 114 Resp: 255002

Ion Ratio Lower Upper

114 100

63 20.3 0.0 41.6

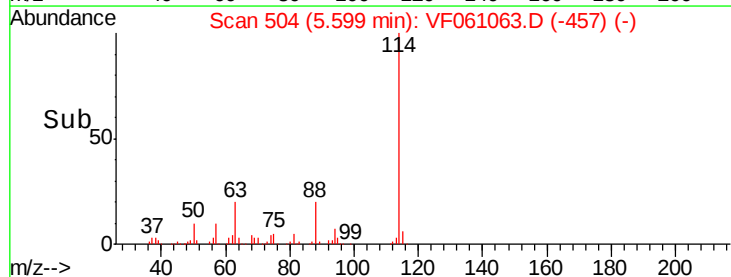
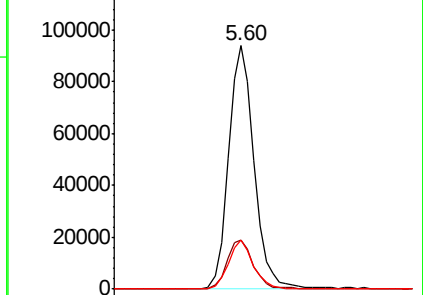
88 19.9 0.0 36.6

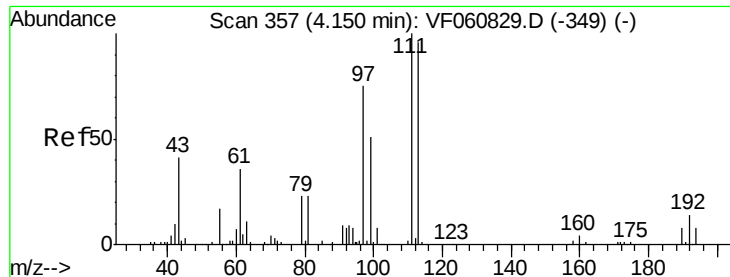


Abundance Ion 114.00 (113.70 to 114.70): V

Ion 63.00 (62.70 to 63.70): VF0

Ion 88.00 (87.70 to 88.70): VF0





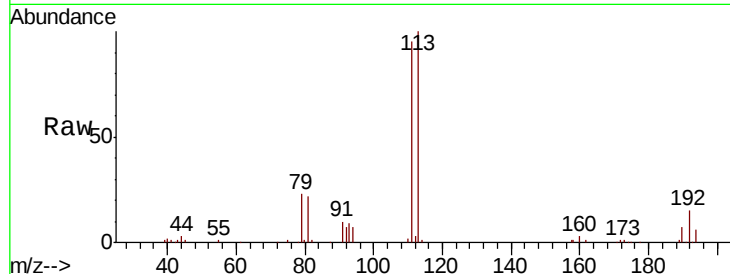
#35
Dibromofluoromethane
Concen: 44.456 ug/l
RT: 4.12 min Scan# 354
Delta R.T. -0.03 min
Lab File: VF061063.D
Acq: 18 Dec 2018 15:26

Instrument :
MSVOA_F
ClientSampleId :
P001-SS003-1218-01RE

Tot Ion	Ratio	Lower	Upper
113	100		
111	95.0	83.0	124.6
192	15.9	12.3	18.5

Manual Integrations
APPROVED

MMDadoda
12/19/2018 2:15:15 PM

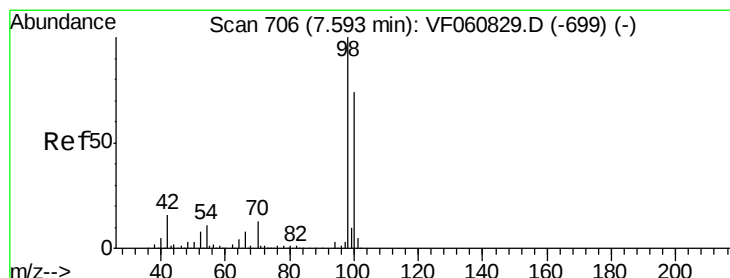
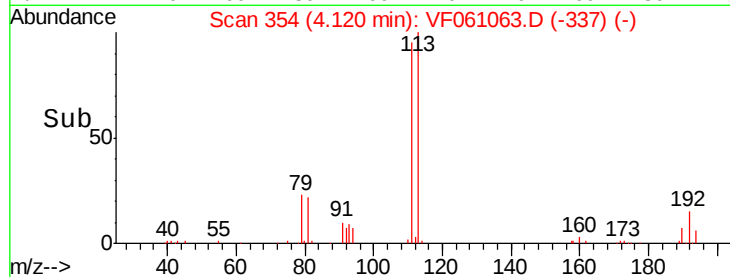
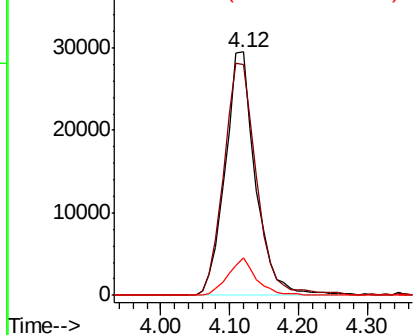


Abundance

Ion 113.00 (112.70 to 113.70): V

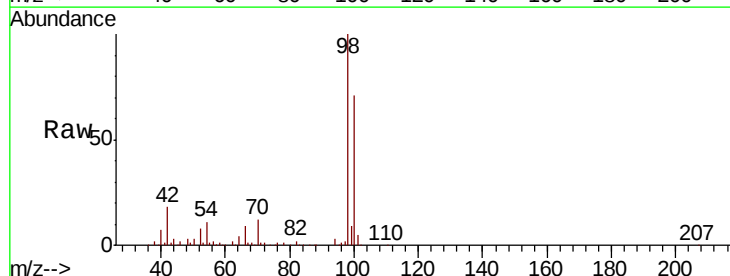
Ion 111.00 (110.70 to 111.70): V

Ion 192.00 (191.70 to 192.70): V



#50
Toluene-d8
Concen: 38.782 ug/l
RT: 7.55 min Scan# 702
Delta R.T. -0.04 min
Lab File: VF061063.D
Acq: 18 Dec 2018 15:26

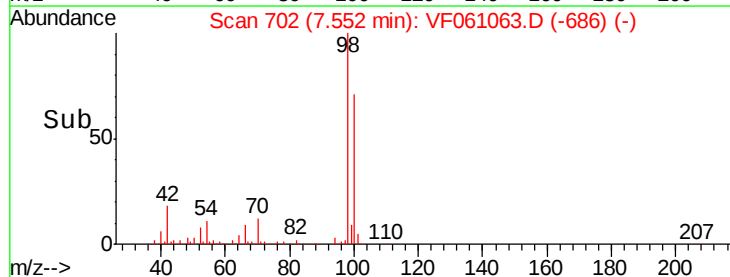
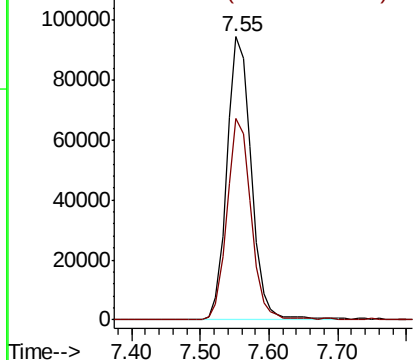
Tgt Ion	Ratio	Lower	Upper
98	100		
100	71.3	59.3	88.9

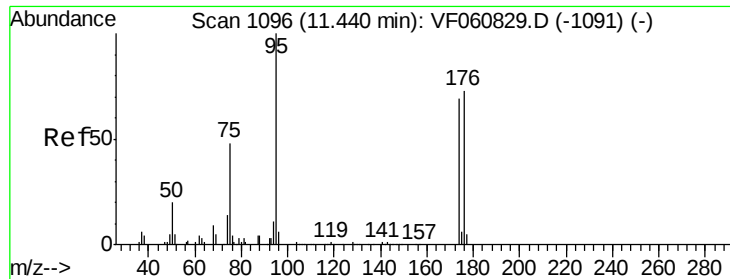


Abundance

Ion 98.00 (97.70 to 98.70): VF0

Ion 100.00 (99.70 to 100.70): VF





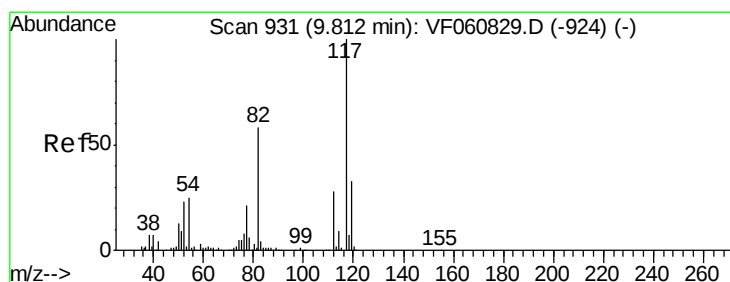
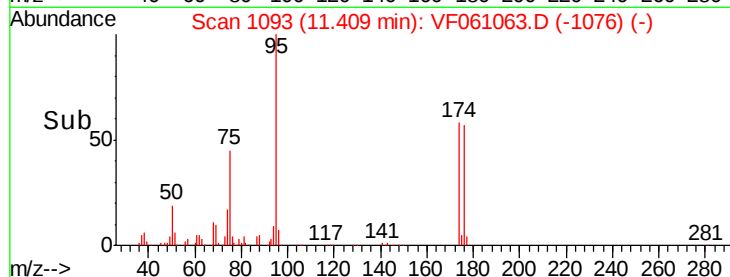
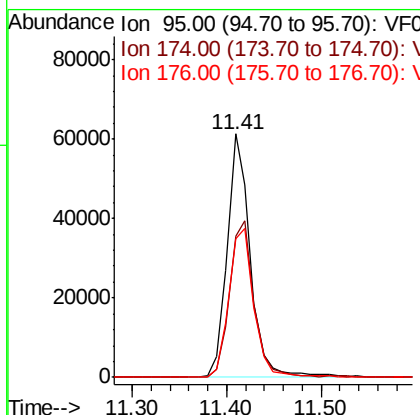
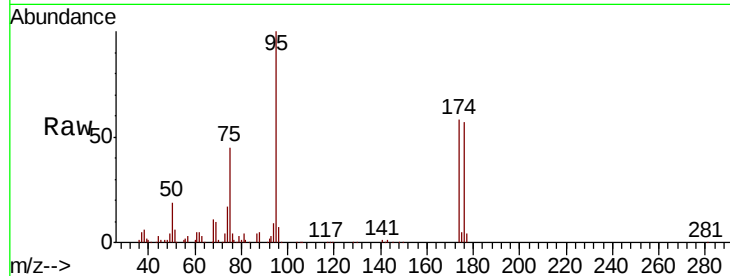
#62
4-Bromofluorobenzene
Concen: 38.130 ug/l
RT: 11.41 min Scan# 1093
Delta R.T. -0.03 min
Lab File: VF061063.D
Acq: 18 Dec 2018 15:26

Instrument :
MSVOA_F
ClientSampleId :
P001-SS003-1218-01RE

Tot Ion	Ratio	Lower	Upper
95	100		
174	58.0	0.0	138.2
176	56.9	0.0	146.2

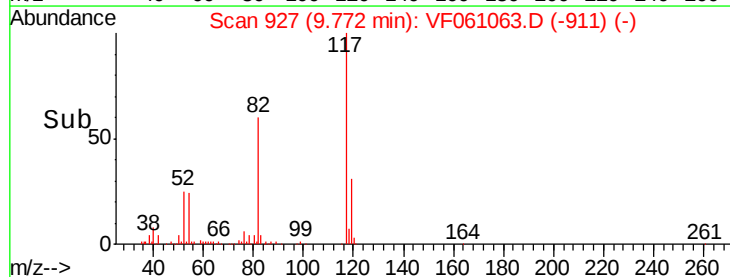
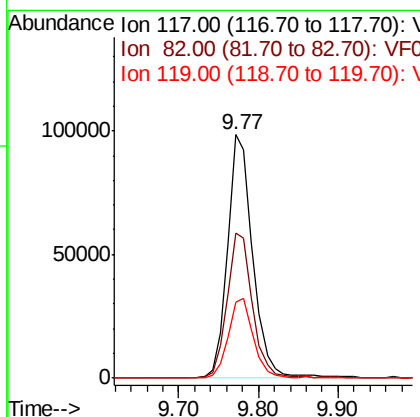
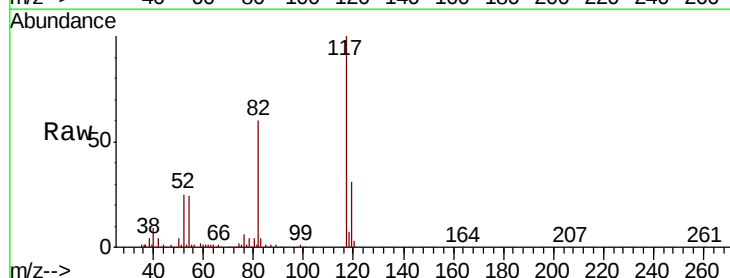
Manual Integrations
APPROVED

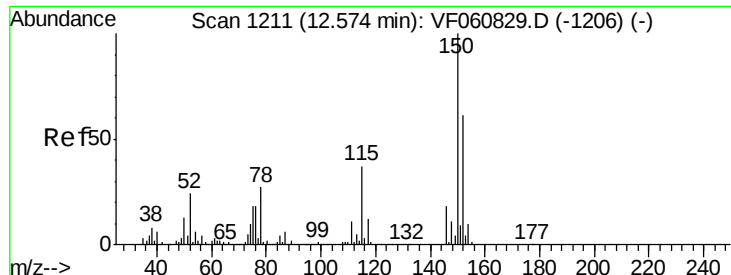
MMDadoda
12/19/2018 2:15:15 PM



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.77 min Scan# 927
Delta R.T. -0.04 min
Lab File: VF061063.D
Acq: 18 Dec 2018 15:26

Tgt Ion	Ratio	Lower	Upper
117	100		
82	59.8	46.6	69.8
119	31.4	26.4	39.6





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.55 min Scan# 1209

Delta R.T. -0.02 min

Lab File: VF061063.D

Acq: 18 Dec 2018 15:26

Instrument :

MSVOA_F

ClientSampleId :

P001-SS003-1218-01RE

Tot Ion:	152	Resp:	103113
Ion Ratio	Lower	Upper	
152	100		
115	58.6	30.1	90.5
150	162.0	0.0	327.6

Manual Integrations
APPROVED

MMDadoda
12/19/2018 2:15:15 PM

