

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF111218\
 Data File : VF060701.D
 Acq On : 12 Nov 2018 23:22
 Operator : VA/AP
 Sample : J5908-11
 Misc : 6.06g/5mL/MSVOA-F/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 SR-4-S

Manual Integrations
 APPROVED

MMDadoda
 11/13/2018 2:11:10 PM

Quant Time: Nov 13 04:58:25 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F110218S.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 03 05:29:31 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.86	168	212449	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.59	114	390234	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.77	117	322015	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.54	152	127368	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.84	65	126170	58.78	ug/l	0.00
Spiked Amount 50.000			Recovery	=	117.56%	
35) Dibromofluoromethane	4.10	113	152821	50.69	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.38%	
50) Toluene-d8	7.55	98	350350	39.23	ug/l	0.00
Spiked Amount 50.000			Recovery	=	78.46%	
62) 4-Bromofluorobenzene	11.41	95	142470	36.47	ug/l	0.00
Spiked Amount 50.000			Recovery	=	72.94%	
Target Compounds						
20) Methylene Chloride	2.17	84	25360m	12.850	ug/l	Qvalue

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

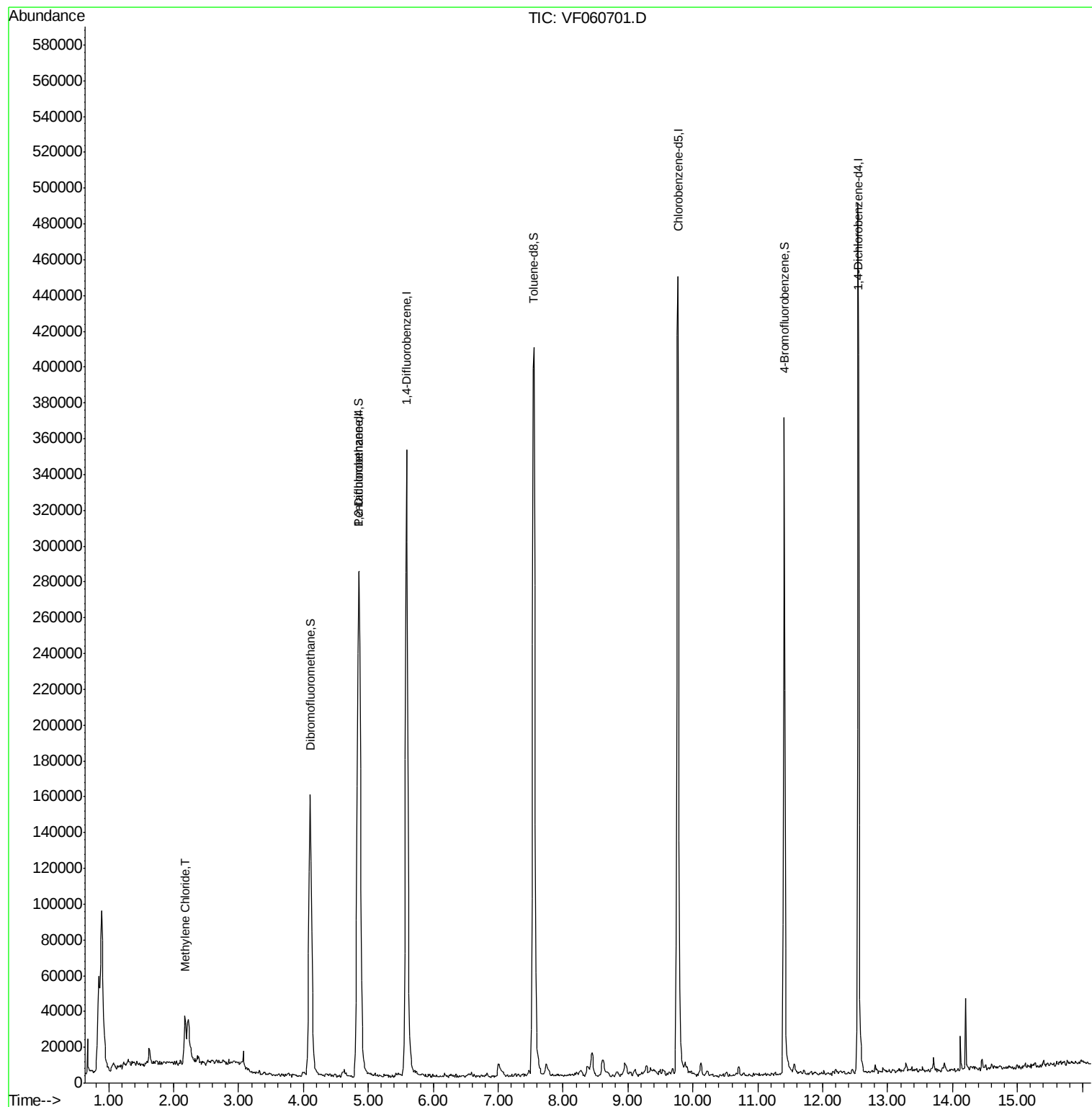
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF111218\
Data File : VF060701.D
Acq On : 12 Nov 2018 23:22
Operator : VA/AP
Sample : J5908-11
Misc : 6.06g/5mL/MSVOA-F/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :
SR-4-S

Manual Integrations
APPROVED

MMDadoda
11/13/2018 2:11:10 PM

Quant Time: Nov 13 04:58:25 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F110218S.M
Quant Title : SW846 8260
QLast Update : Sat Nov 03 05:29:31 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.86 min Scan# 429

Delta R.T. -0.01 min

Lab File: VF060701.D

Acq: 12 Nov 2018 23:22

Instrument :

MSVOA_F

ClientSampleId :

SR-4-S

Tot Ion:168 Resp: 212449

Ion Ratio Lower Upper

168 100

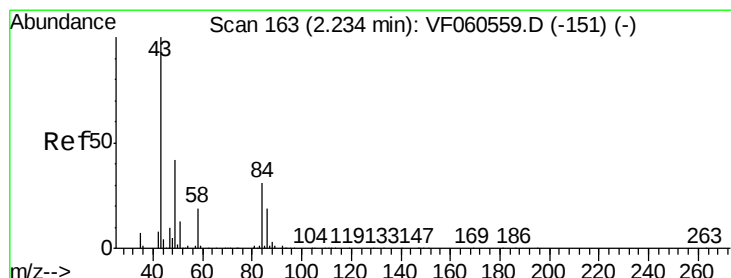
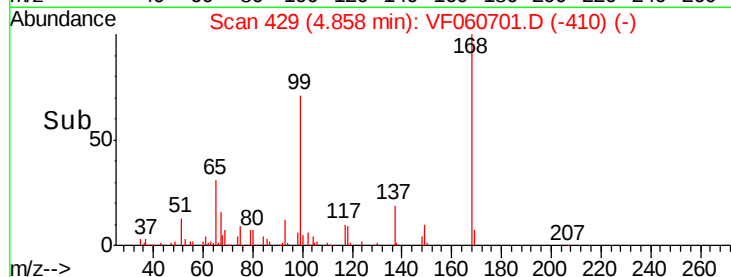
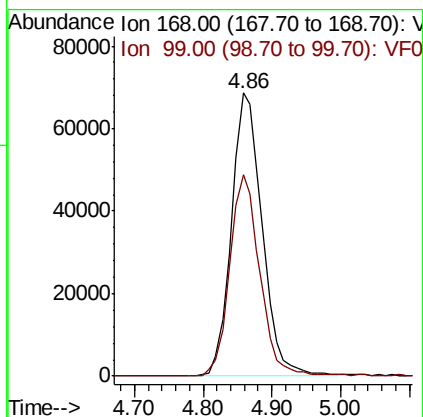
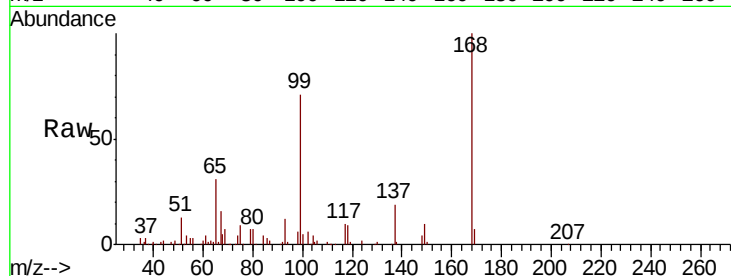
99 71.2 48.6 72.8

Manual Integrations

APPROVED

MMDadoda

11/13/2018 2:11:10 PM



#20

Methylene Chloride

Concen: 12.850 ug/l m

RT: 2.17 min Scan# 157

Delta R.T. -0.06 min

Lab File: VF060701.D

Acq: 12 Nov 2018 23:22

Tgt Ion: 84 Resp: 25360

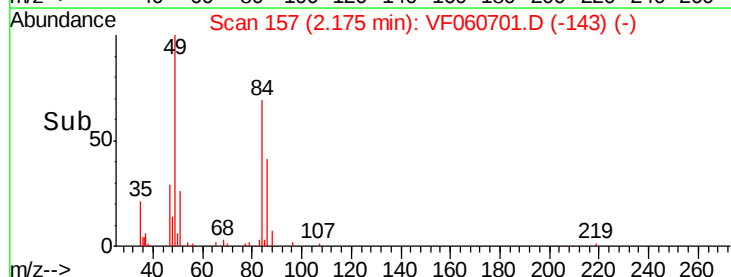
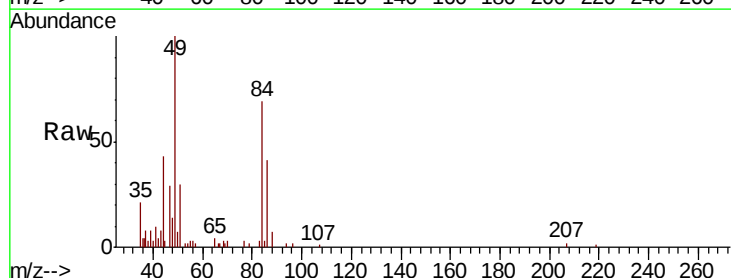
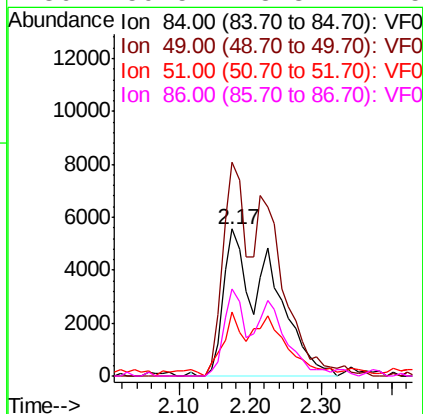
Ion Ratio Lower Upper

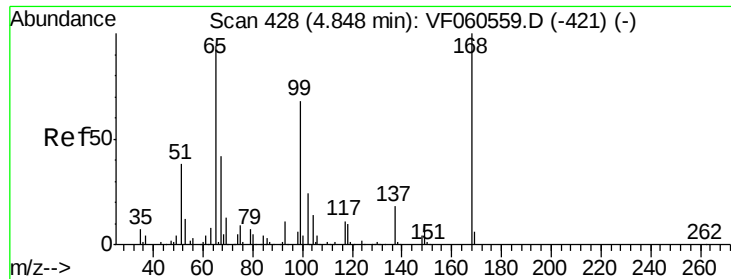
84 100

49 145.6 109.9 164.9

51 43.3 35.8 53.8

86 59.5 48.3 72.5





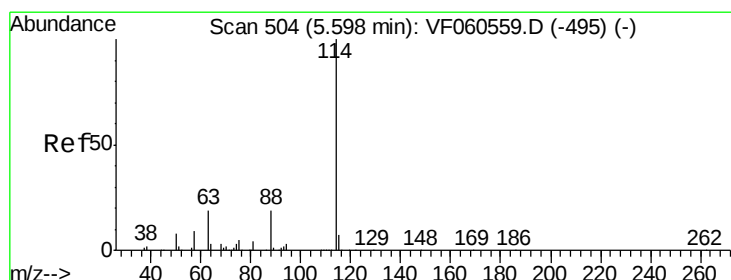
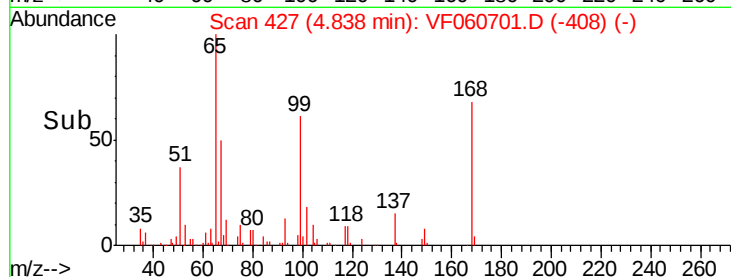
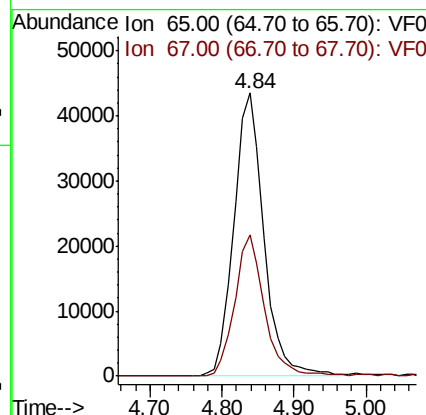
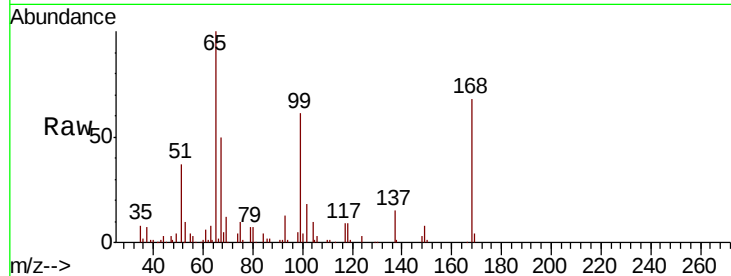
#33
 1,2-Dichloroethane-d4
 Concen: 58.779 ug/l
 RT: 4.84 min Scan# 427
 Delta R.T. -0.01 min
 Lab File: VF060701.D
 Acq: 12 Nov 2018 23:22

Instrument :
 MSVOA_F
 ClientSampleId :
 SR-4-S

Tot Ion	Ratio	Resp	Lower	Upper
65	100	126170		
67	50.1	0.0	101.8	

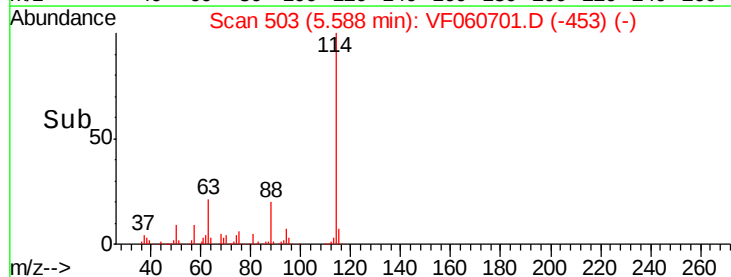
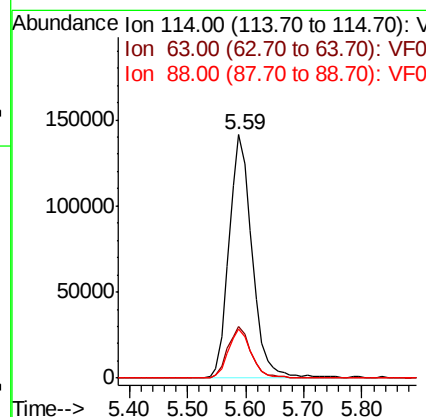
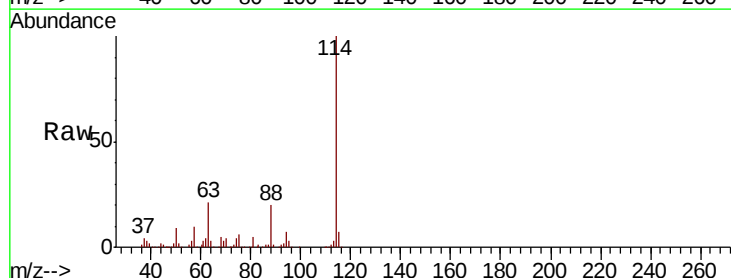
Manual Integrations
 APPROVED

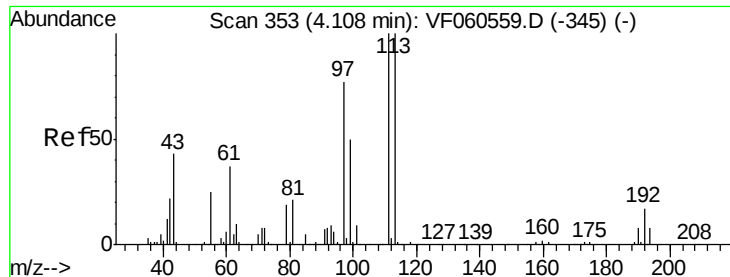
MMDadoda
 11/13/2018 2:11:10 PM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.59 min Scan# 503
 Delta R.T. -0.01 min
 Lab File: VF060701.D
 Acq: 12 Nov 2018 23:22

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	390234		
63	21.4	0.0	39.0	
88	20.3	0.0	38.2	





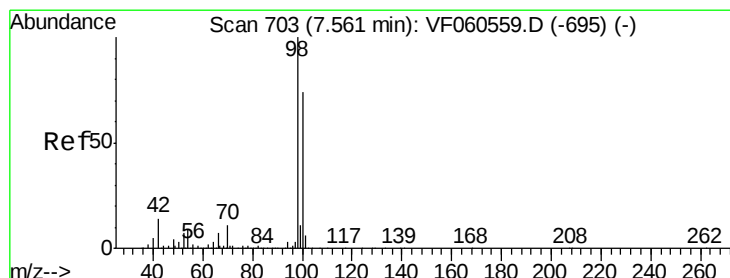
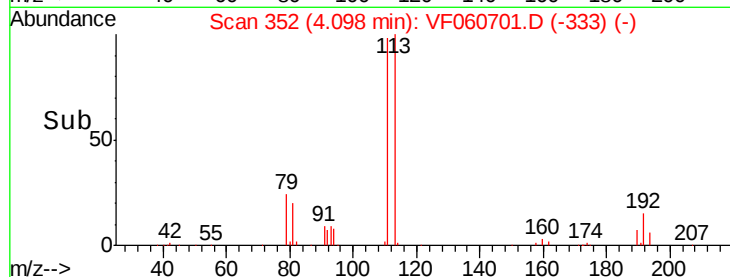
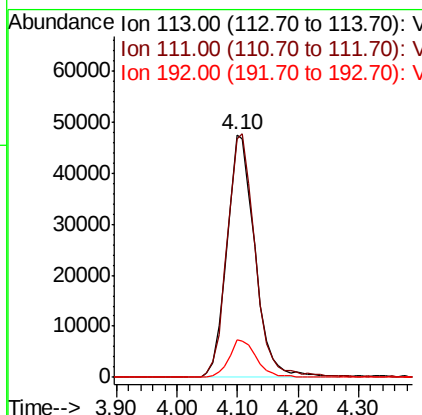
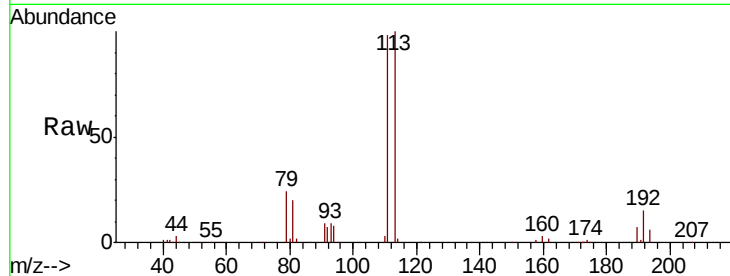
#35
Dibromofluoromethane
Concen: 50.688 ug/l
RT: 4.10 min Scan# 352
Delta R.T. -0.01 min
Lab File: VF060701.D
Acq: 12 Nov 2018 23:22

Instrument :
MSVOA_F
ClientSampleId :
SR-4-S

Tot Ion	Ion	Ratio	Resp	Lower	Upper
113	100		152821		
111	98.4	79.9	119.9		
192	15.2	13.3	19.9		

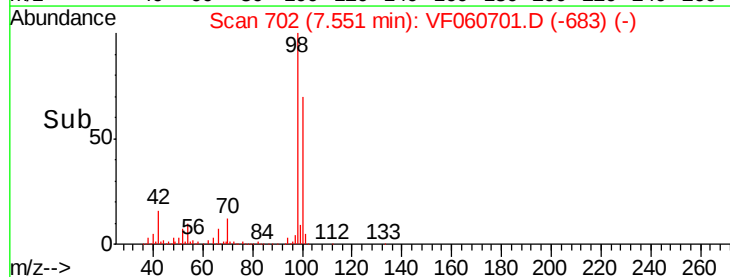
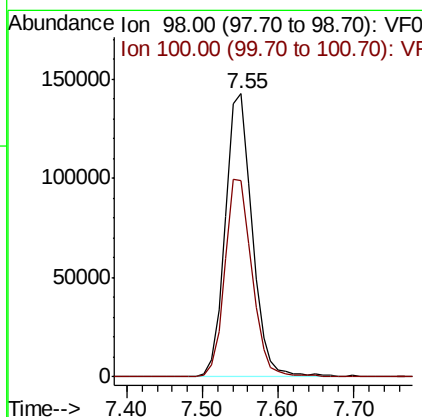
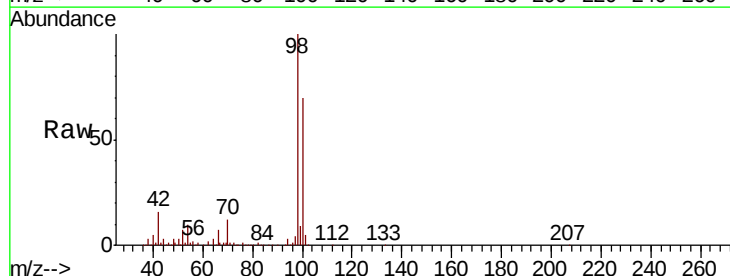
Manual Integrations
APPROVED

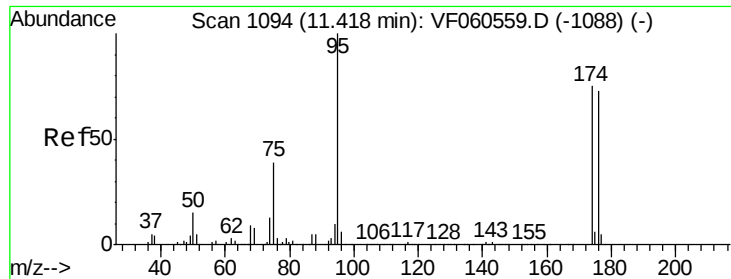
MMDadoda
11/13/2018 2:11:10 PM



#50
Toluene-d8
Concen: 39.228 ug/l
RT: 7.55 min Scan# 702
Delta R.T. -0.01 min
Lab File: VF060701.D
Acq: 12 Nov 2018 23:22

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
98	100		350350		
100	69.5	59.4	89.2		





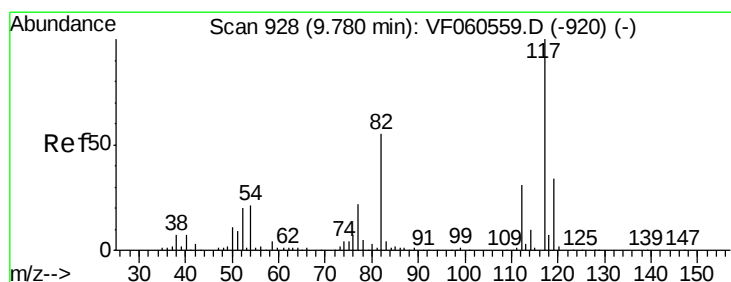
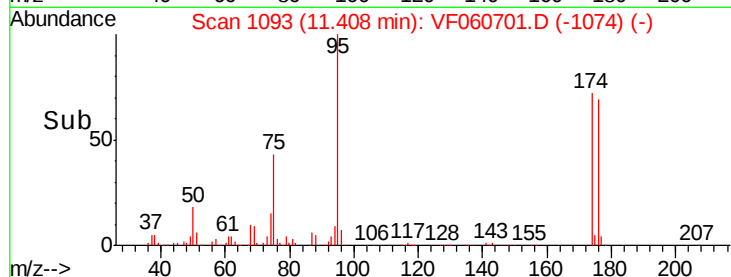
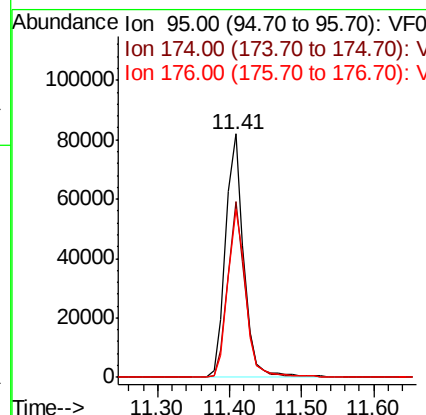
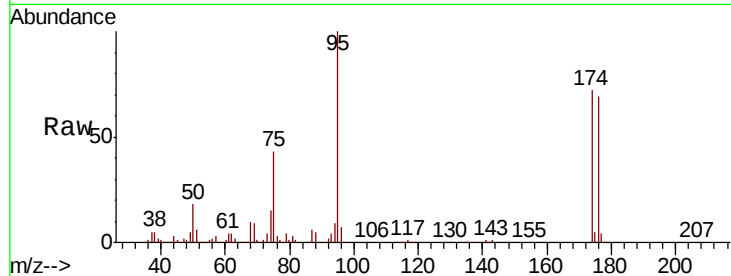
#62
4-Bromofluorobenzene
Concen: 36.469 ug/l
RT: 11.41 min Scan# 1093
Delta R.T. -0.01 min
Lab File: VF060701.D
Acq: 12 Nov 2018 23:22

Instrument :
MSVOA_F
ClientSampled :
SR-4-S

Tot Ion	Ratio	Resp	Lower	Upper
95	100	142470		
174	72.0	0.0	149.0	
176	69.0	0.0	145.6	

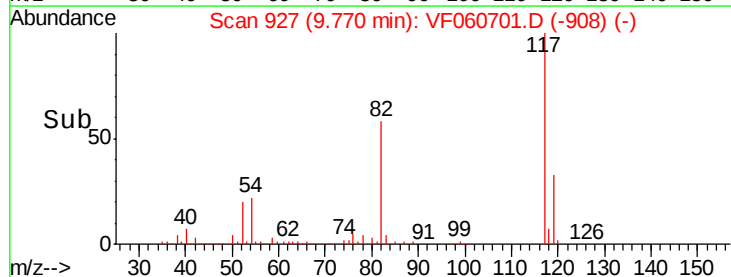
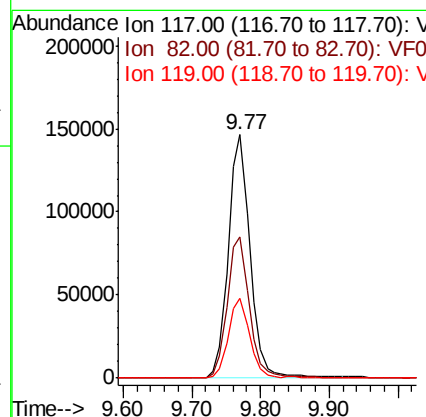
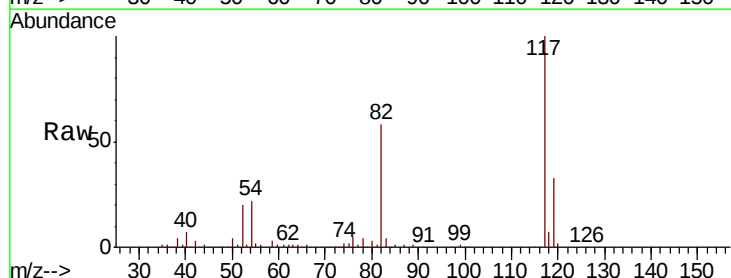
Manual Integrations
APPROVED

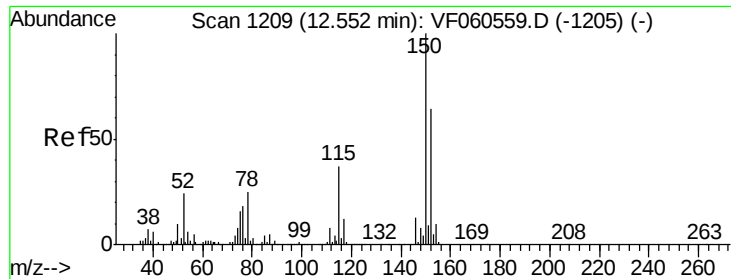
MMDadoda
11/13/2018 2:11:10 PM



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.77 min Scan# 927
Delta R.T. -0.01 min
Lab File: VF060701.D
Acq: 12 Nov 2018 23:22

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	322015		
82	58.0	43.9	65.9	
119	32.5	27.4	41.0	





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.54 min Scan# 1208

Delta R.T. -0.01 min

Lab File: VF060701.D

Acq: 12 Nov 2018 23:22

Instrument :

MSVOA_F

ClientSampleId :

SR-4-S

Tot Ion:152 Resp: 127368

Ion Ratio Lower Upper

152 100

115 63.0 29.6 88.8

150 155.6 0.0 315.6

Manual Integrations

APPROVED

MMDadoda

11/13/2018 2:11:10 PM

