

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF051219\
 Data File : VF062533.D
 Acq On : 13 May 2019 6:39
 Operator : FY/SY
 Sample : K2734-14RE
 Misc : 5.35g/5mL/MSVOA F/SOIL
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 P026-SS013-1218-01RE

Manual Integrations
 APPROVED

MMDadoda
 5/13/2019 11:32:54 AM

Quant Time: May 15 01:58:45 2019
 Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82F050619S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 07 04:34:57 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.07	168	247171	50.00	ug/l	0.02
34) 1,4-Difluorobenzene	5.79	114	327206	50.00	ug/l	0.02
63) Chlorobenzene-d5	9.92	117	247073	50.00	ug/l	0.02
72) 1,4-Dichlorobenzene-d4	12.62	152	101049	50.00	ug/l	0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	5.05	65	97562	41.77	ug/l	0.03
Spiked Amount 50.000			Recovery	=	83.54%	
35) Dibromofluoromethane	4.33	113	121948	46.78	ug/l	0.02
Spiked Amount 50.000			Recovery	=	93.56%	
50) Toluene-d8	7.73	98	231142	36.63	ug/l	0.02
Spiked Amount 50.000			Recovery	=	73.26%	
62) 4-Bromofluorobenzene	11.51	95	80897	28.42	ug/l	0.02
Spiked Amount 50.000			Recovery	=	56.84%	

Target Compounds	Qvalue
------------------	--------

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

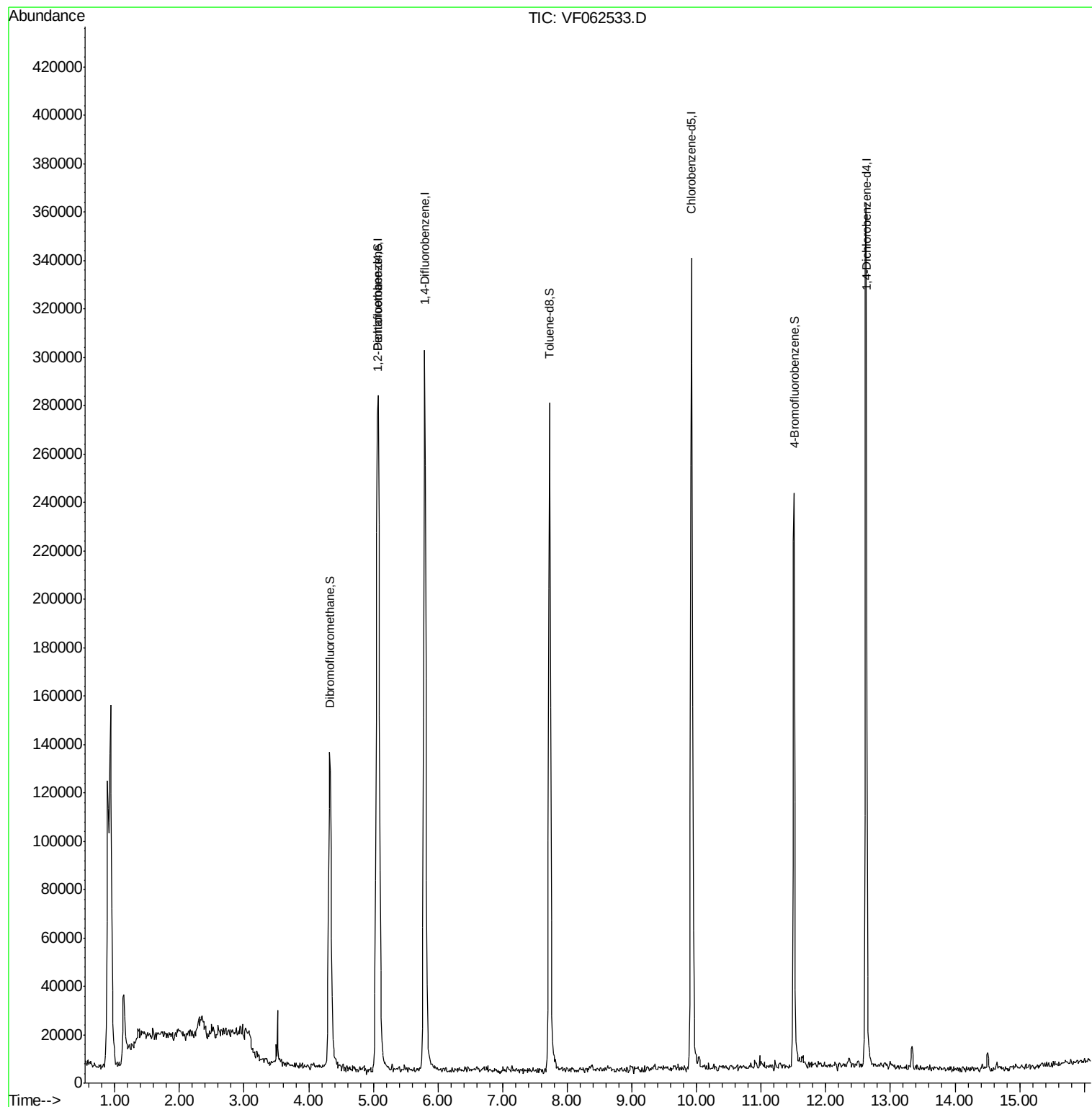
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF051219\
Data File : VF062533.D
Acq On : 13 May 2019 6:39
Operator : FY/SY
Sample : K2734-14RE
Misc : 5.35g/5mL/MSVOA F/SOIL
ALS Vial : 44 Sample Multiplier: 1

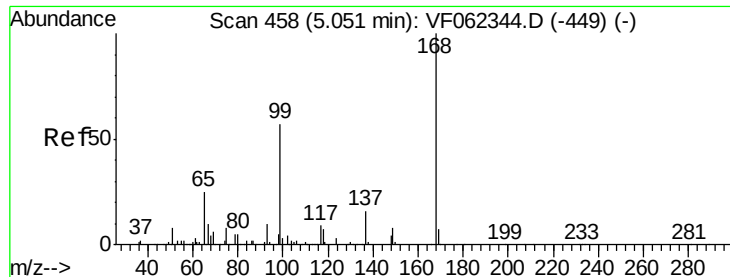
Instrument :
MSVOA_F
ClientSampleId :
P026-SS013-1218-01RE

Manual Integrations
APPROVED

MMDadoda
5/13/2019 11:32:54 AM

Quant Time: May 15 01:58:45 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82F050619S.M
Quant Title : SW846 8260
QLast Update : Tue May 07 04:34:57 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.07 min Scan# 461

Delta R.T. 0.02 min

Lab File: VF062533.D

Acq: 13 May 2019 6:39

Instrument :

MSVOA_F

ClientSampleId :

P026-SS013-1218-01RE

Tot Ion:168 Resp: 247171

Ion Ratio Lower Upper

168 100

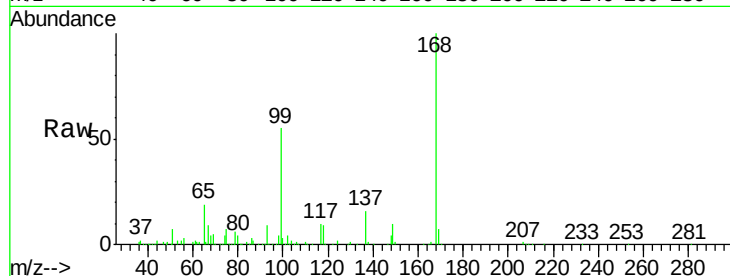
99 55.4 45.9 68.9

Manual Integrations

APPROVED

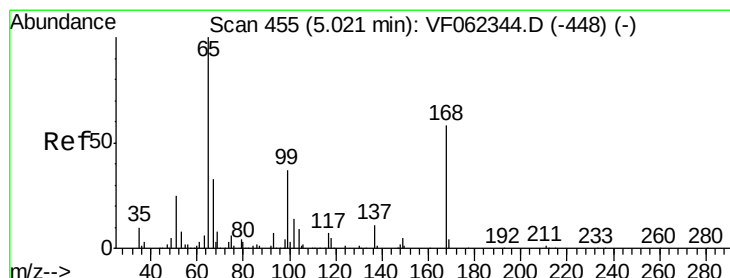
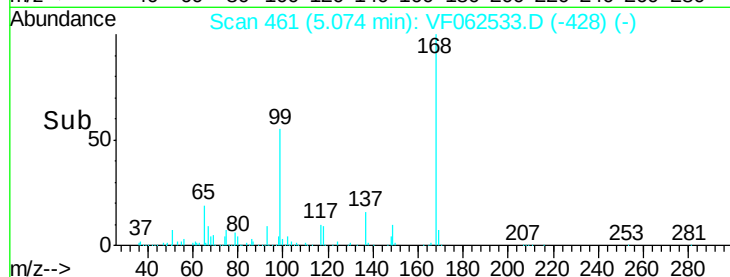
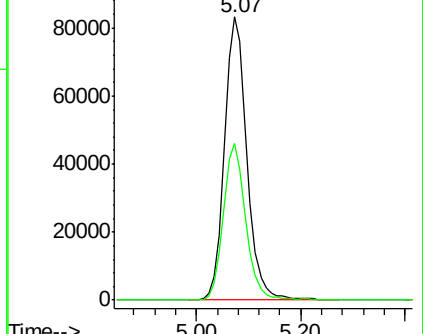
MMDadoda

5/13/2019 11:32:54 AM



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VF0



#33

1,2-Dichloroethane-d4

Concen: 41.767 ug/l

RT: 5.05 min Scan# 459

Delta R.T. 0.03 min

Lab File: VF062533.D

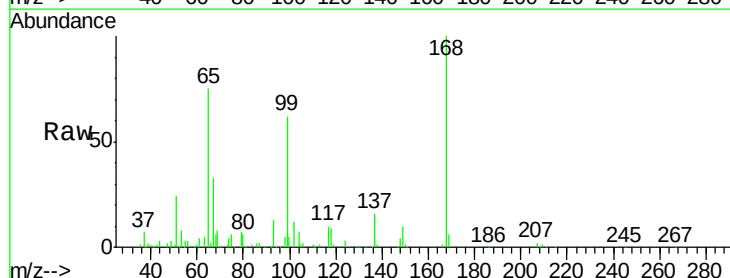
Acq: 13 May 2019 6:39

Tgt Ion: 65 Resp: 97562

Ion Ratio Lower Upper

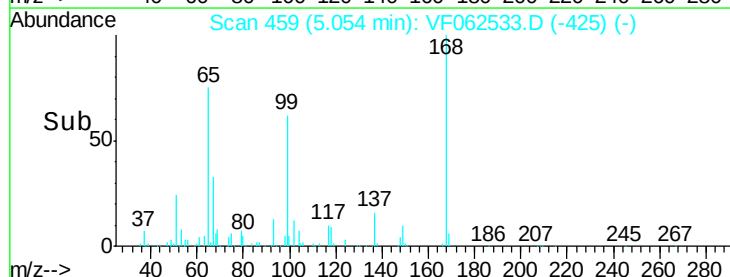
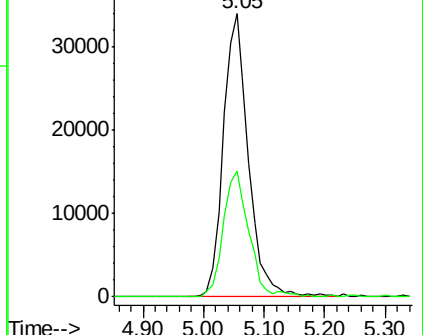
65 100

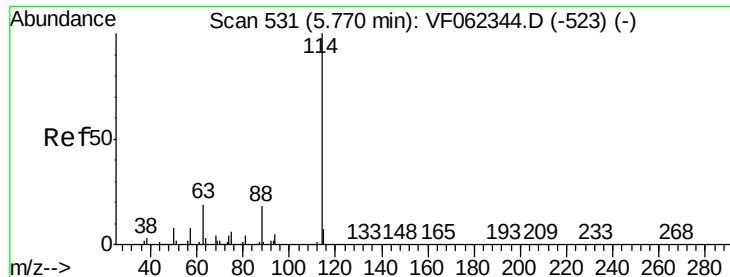
67 44.4 0.0 85.8



Abundance Ion 64.90 (64.60 to 65.60): VF0

Ion 66.90 (66.60 to 67.60): VF0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.79 min Scan# 534

Delta R.T. 0.02 min

Lab File: VF062533.D

Acq: 13 May 2019 6:39

Instrument :

MSVOA_F

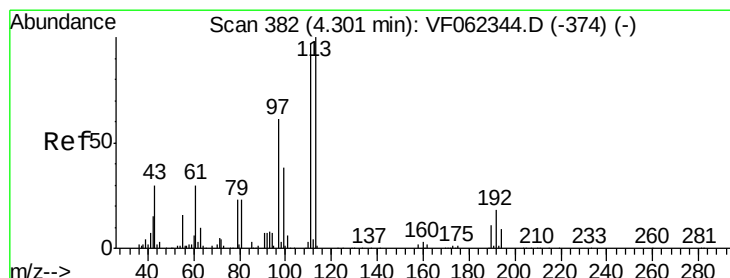
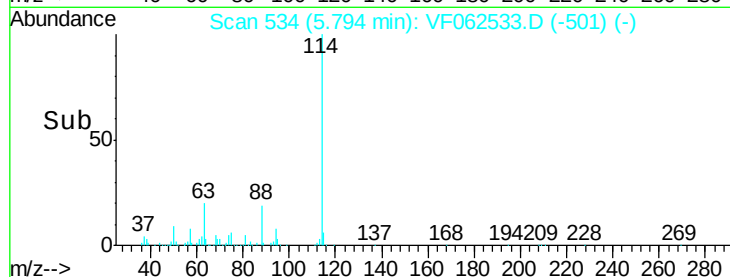
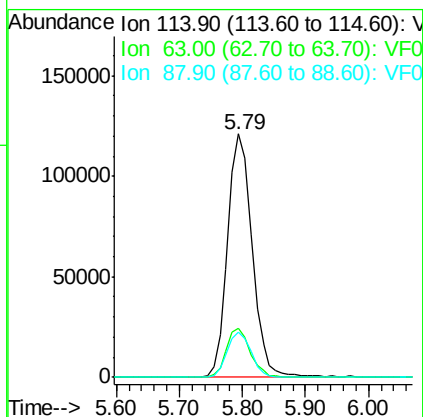
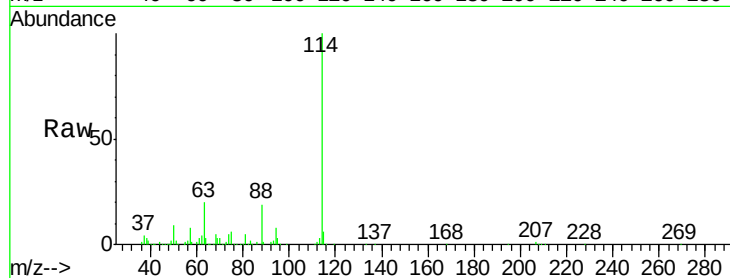
ClientSampleId :

P026-SS013-1218-01RE

Tot Ion:	114	Resp:	327206
Ion Ratio		Lower	Upper
114	100		
63	20.1	0.0	37.4
88	18.7	0.0	36.4

Manual Integrations
APPROVED

MMDadoda
5/13/2019 11:32:54 AM



#35

Dibromofluoromethane

Concen: 46.781 ug/l

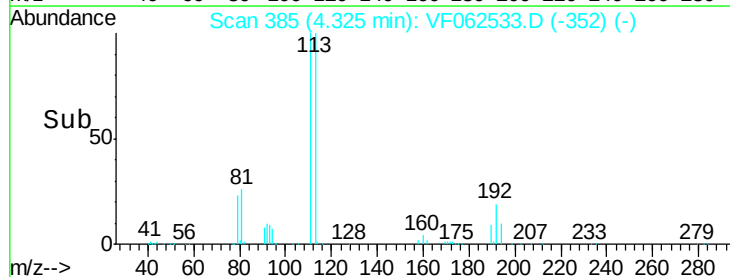
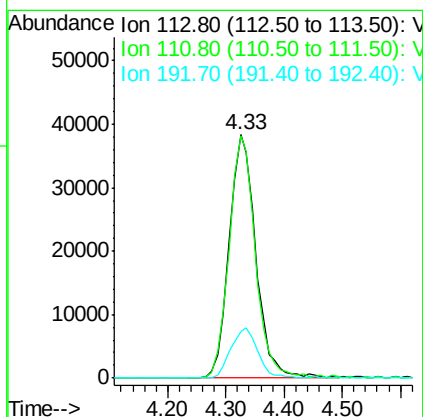
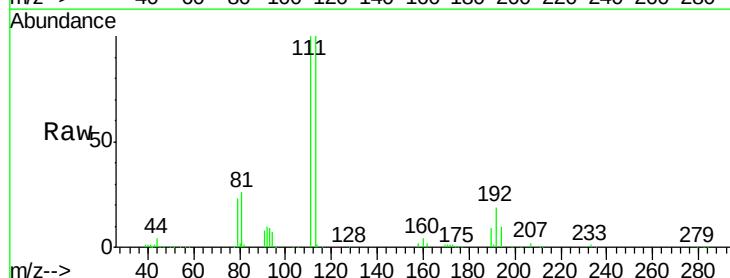
RT: 4.33 min Scan# 385

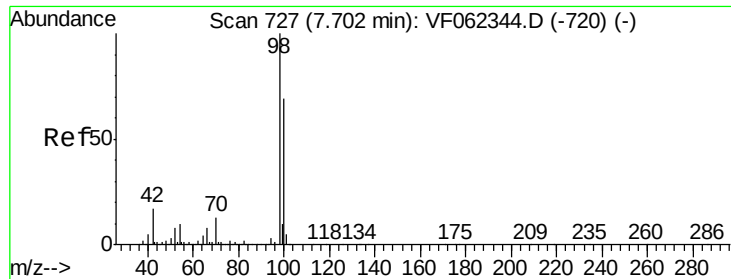
Delta R.T. 0.02 min

Lab File: VF062533.D

Acq: 13 May 2019 6:39

Tgt Ion:	113	Resp:	121948
Ion Ratio		Lower	Upper
113	100		
111	98.0	79.4	119.0
192	21.0	16.0	24.0





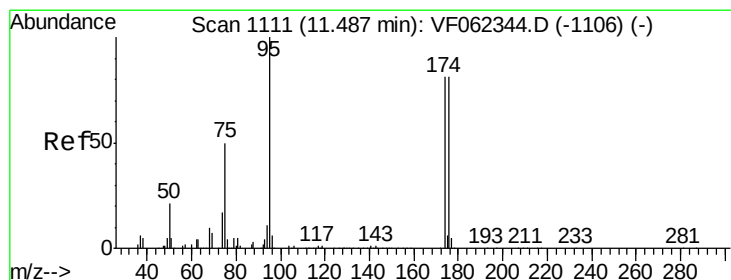
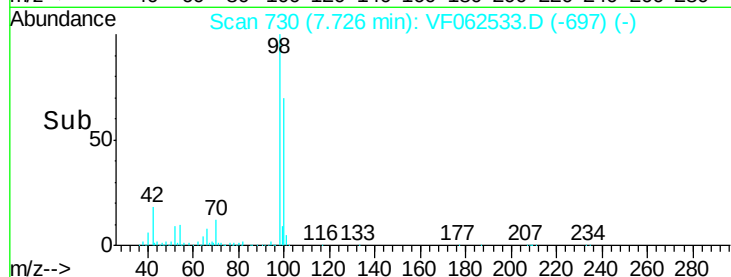
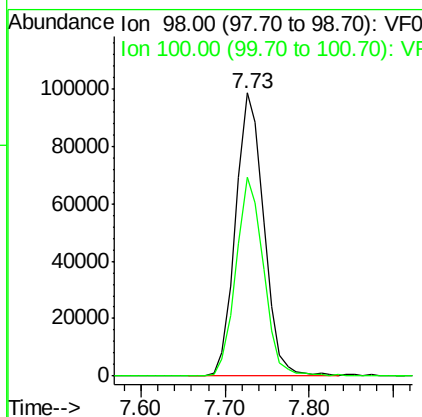
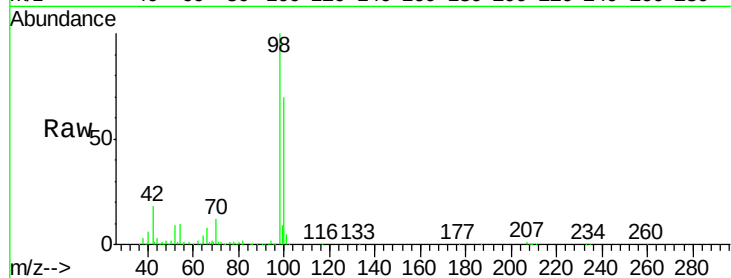
#50
Toluene-d8
Concen: 36.630 ug/l
RT: 7.73 min Scan# 730
Delta R.T. 0.02 min
Lab File: VF062533.D
Acq: 13 May 2019 6:39

Instrument :
MSVOA_F
ClientSampleId :
P026-SS013-1218-01RE

Tot Ion	Ion	Ratio	Lower	Upper
98	100			
100	68.3	53.3	79.9	

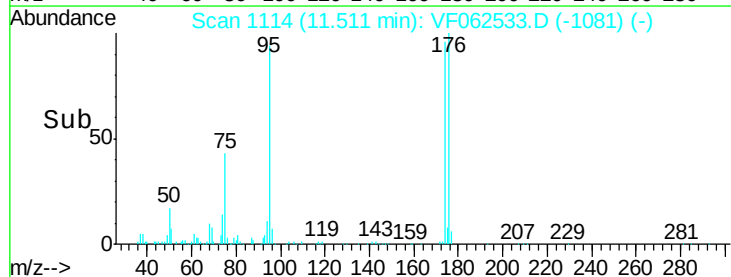
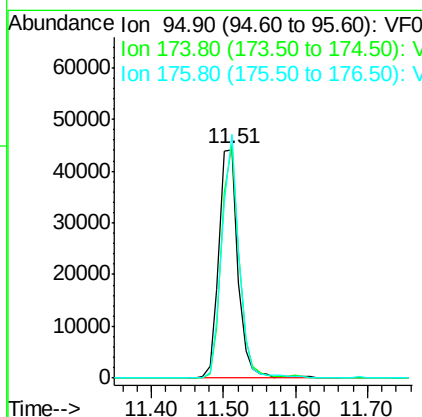
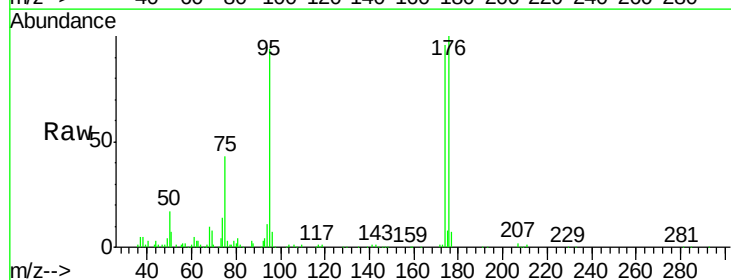
Manual Integrations
APPROVED

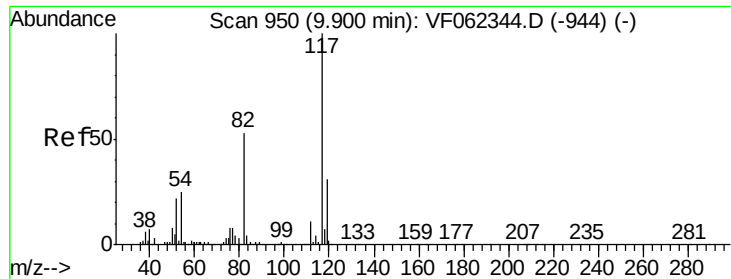
MMDadoda
5/13/2019 11:32:54 AM



#62
4-Bromofluorobenzene
Concen: 28.416 ug/l
RT: 11.51 min Scan# 1114
Delta R.T. 0.02 min
Lab File: VF062533.D
Acq: 13 May 2019 6:39

Tgt Ion	Ion	Ratio	Lower	Upper
95	100			
174	94.1	0.0	191.8	
176	95.5	0.0	193.2	





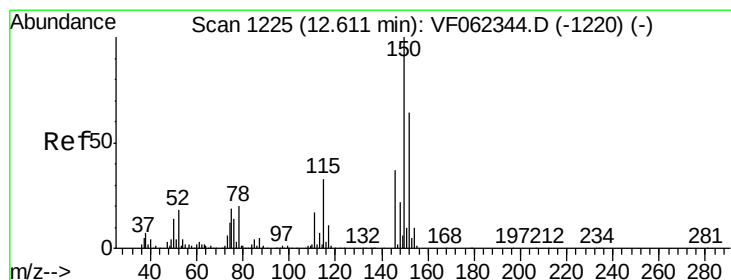
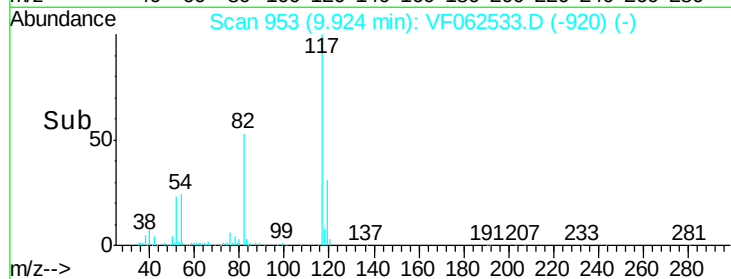
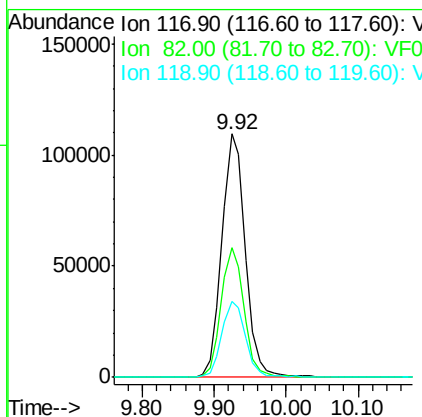
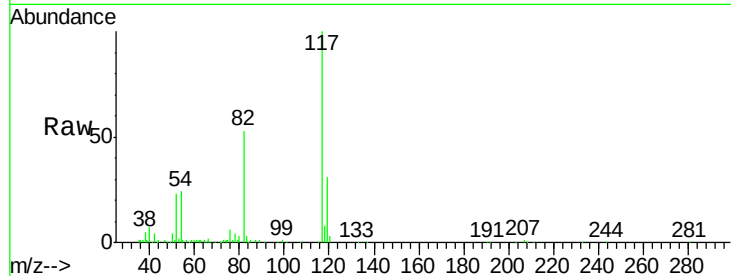
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.92 min Scan# 953
Delta R.T. 0.02 min
Lab File: VF062533.D
Acq: 13 May 2019 6:39

Instrument :
MSVOA_F
ClientSampleId :
P026-SS013-1218-01RE

Tot Ion	Ratio	Resp	Lower	Upper
117	100	247073		
82	53.2		42.2	63.2
119	31.2		25.0	37.4

Manual Integrations
APPROVED

MMDadoda
5/13/2019 11:32:54 AM



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.62 min Scan# 1227
Delta R.T. 0.01 min
Lab File: VF062533.D
Acq: 13 May 2019 6:39

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	101049		
115	54.3		26.4	79.2
150	158.8		0.0	335.0

