

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF020719\
 Data File : VF061556.D
 Acq On : 7 Feb 2019 20:35
 Operator : VA/AP
 Sample : K1404-07
 Misc : 6.14g/5mL/MSVOA-F/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 A0C12-SS3-9.0-9.5

Manual Integrations
 APPROVED

MMDadoda
 2/11/2019 12:36:49 PM

Quant Time: Feb 09 05:28:41 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F011519S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 16 04:51:59 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.87	168	189361	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.60	114	342454	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.77	117	297452	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.55	152	156978	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.85	65	119867	51.27	ug/l	0.02
Spiked Amount 50.000			Recovery	=	102.54%	
35) Dibromofluoromethane	4.11	113	128032	47.38	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.76%	
50) Toluene-d8	7.55	98	296690	40.07	ug/l	0.00
Spiked Amount 50.000			Recovery	=	80.14%	
62) 4-Bromofluorobenzene	11.41	95	154209	44.58	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.16%	
Target Compounds						
20) Methylene Chloride	2.25	84	7993m	3.382	ug/l	Qvalue

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

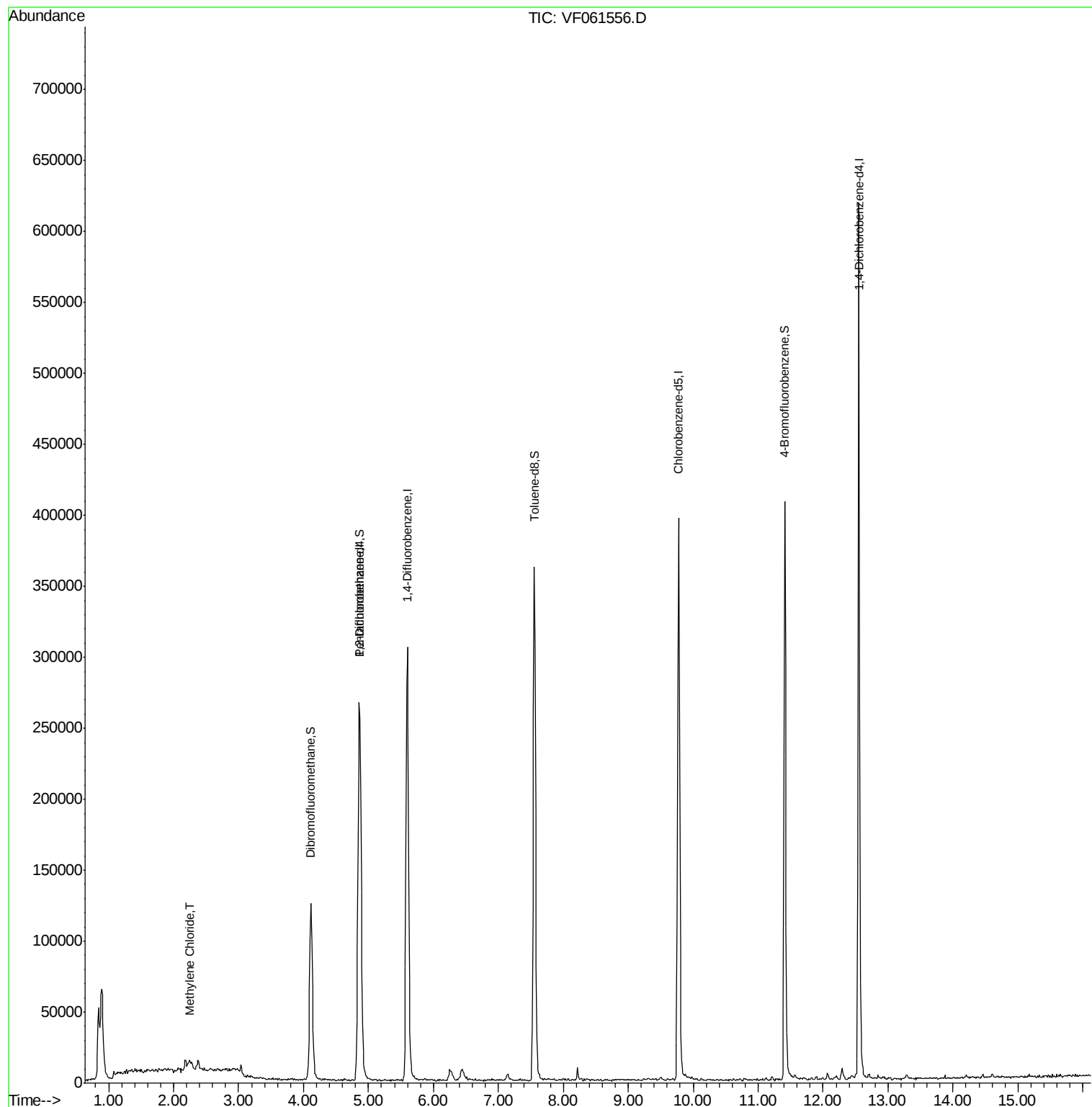
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF020719\
Data File : VF061556.D
Acq On : 7 Feb 2019 20:35
Operator : VA/AP
Sample : K1404-07
Misc : 6.14g/5mL/MSVOA-F/SOIL
ALS Vial : 16 Sample Multiplier: 1

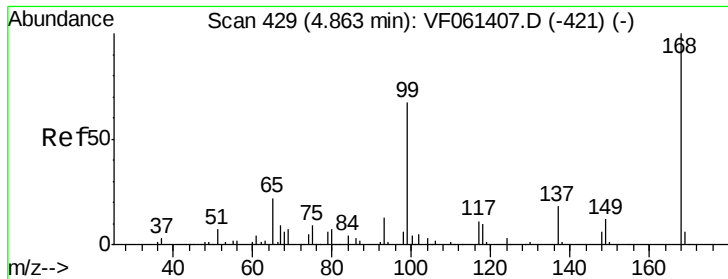
Instrument :
MSVOA_F
ClientSampleId :
A0C12-SS3-9.0-9.5

Manual Integrations
APPROVED

MMDadoda
2/11/2019 12:36:49 PM

Quant Time: Feb 09 05:28:41 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F011519S.M
Quant Title : SW846 8260
QLast Update : Wed Jan 16 04:51:59 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.87 min Scan# 430

Delta R.T. 0.01 min

Lab File: VF061556.D

Acq: 7 Feb 2019 20:35

Instrument :

MSVOA_F

ClientSampleId :

A0C12-SS3-9.0-9.5

Tot Ion:168 Resp: 189361

Ion Ratio Lower Upper

168 100

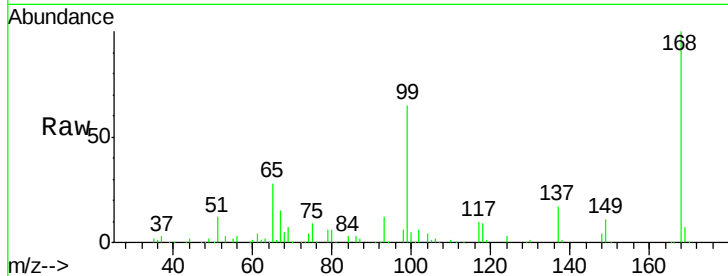
99 64.5 53.5 80.3

Manual Integrations

APPROVED

MMDadoda

2/11/2019 12:36:49 PM



Abundance Ion 168.00 (167.70 to 168.70): V

Ion 99.00 (98.70 to 99.70): VF0

4.87

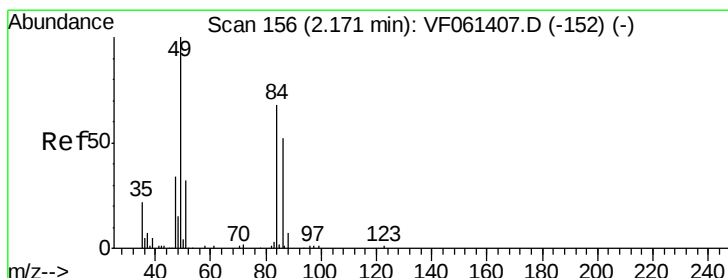
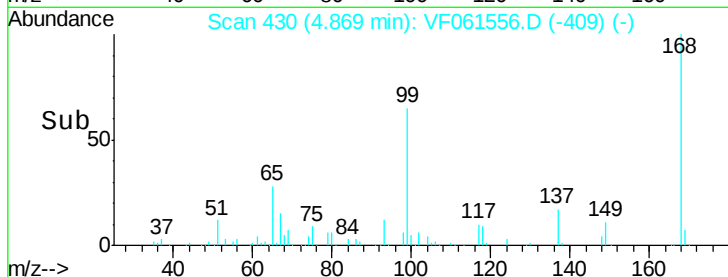
60000

40000

20000

0

Time--> 4.70 4.80 4.90 5.00 5.10



#20

Methylene Chloride

Concen: 3.382 ug/l m

RT: 2.25 min Scan# 164

Delta R.T. 0.08 min

Lab File: VF061556.D

Acq: 7 Feb 2019 20:35

Tgt Ion: 84 Resp: 7993

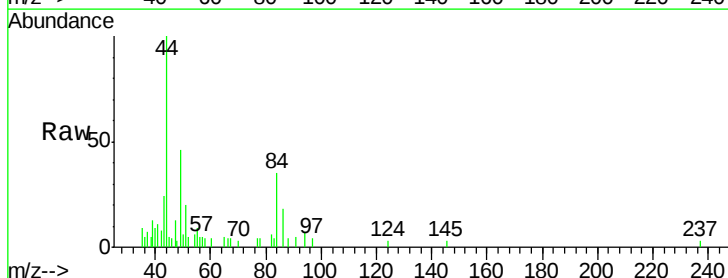
Ion Ratio Lower Upper

84 100

49 131.0 120.0 180.0

51 57.5 38.6 58.0

86 51.6 61.0 91.6#



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

3000

2500

2000

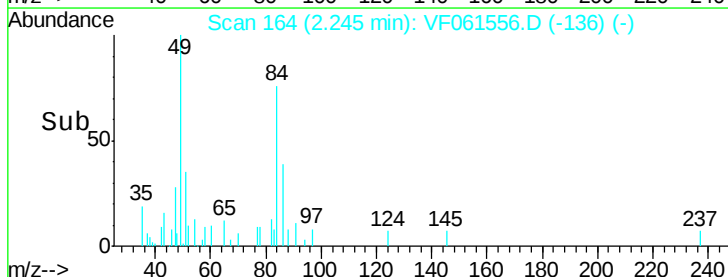
1500

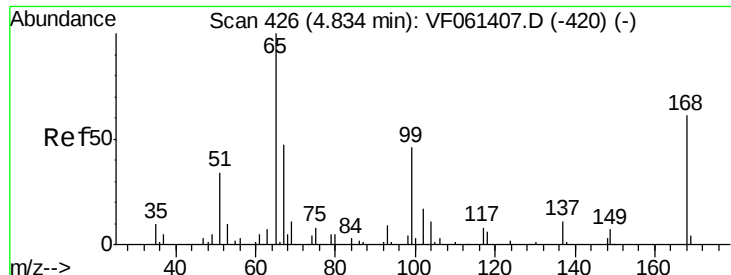
1000

500

0

Time--> 2.10 2.20 2.30 2.40





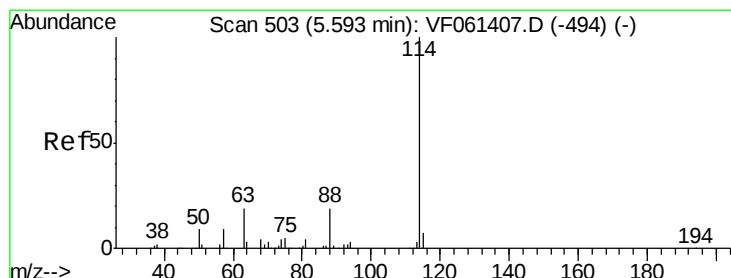
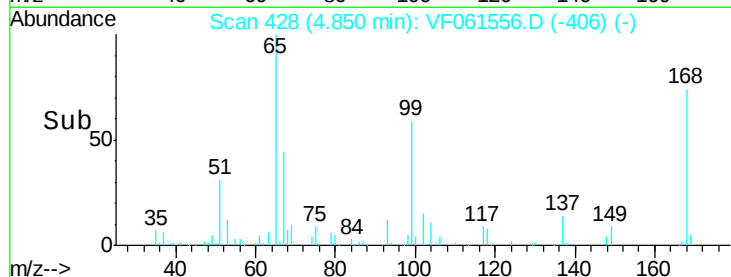
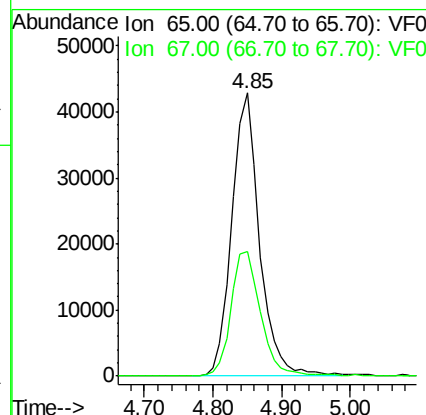
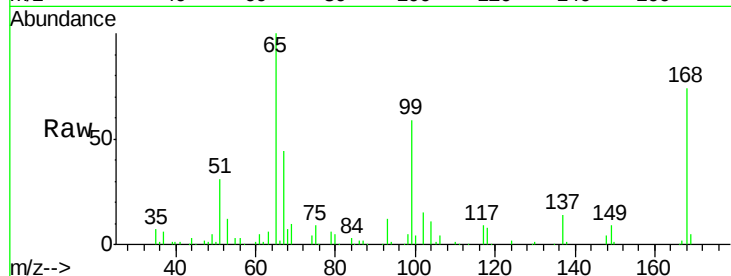
#33
 1,2-Dichloroethane-d4
 Concen: 51.271 ug/l
 RT: 4.85 min Scan# 428
 Delta R.T. 0.02 min
 Lab File: VF061556.D
 Acq: 7 Feb 2019 20:35

Instrument :
 MSVOA_F
 ClientSampleId :
 A0C12-SS3-9.0-9.5

Tot Ion	Ratio	Resp	Lower	Upper
65	100	119867		
67	44.1	0.0	99.8	

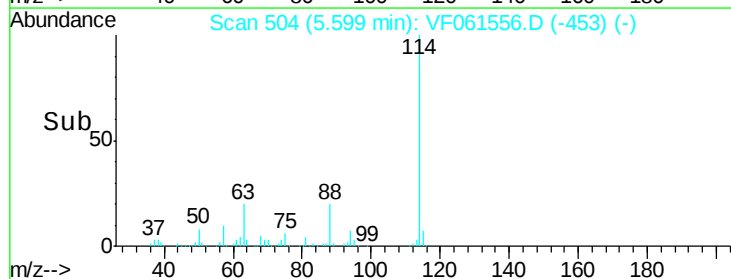
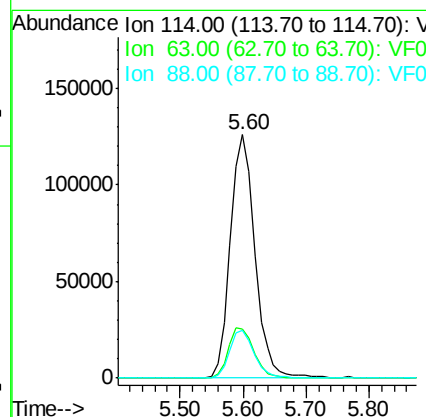
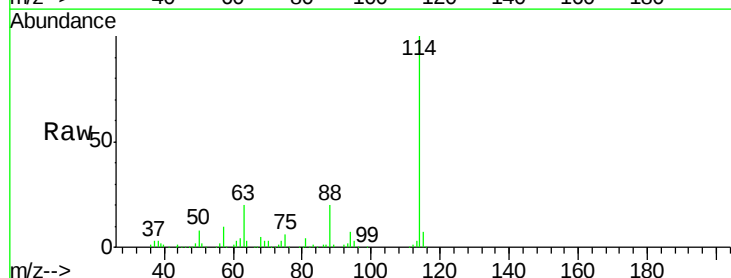
Manual Integrations
 APPROVED

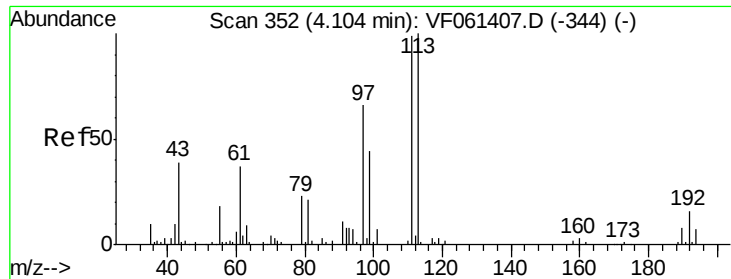
MMDadoda
 2/11/2019 12:36:49 PM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.60 min Scan# 504
 Delta R.T. 0.01 min
 Lab File: VF061556.D
 Acq: 7 Feb 2019 20:35

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	342454		
63	20.2	0.0	39.0	
88	19.6	0.0	37.4	





#35

Dibromofluoromethane

Concen: 47.380 ug/l

RT: 4.11 min Scan# 353

Delta R.T. 0.01 min

Lab File: VF061556.D

Acq: 7 Feb 2019 20:35

Instrument :

MSVOA_F

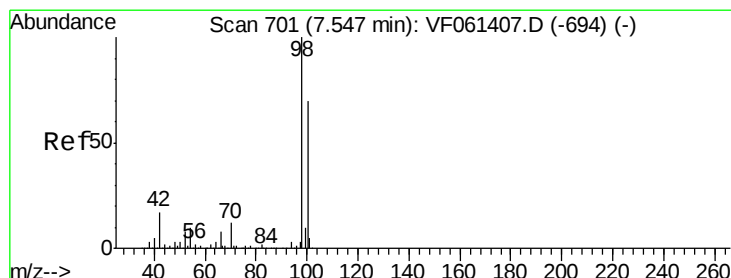
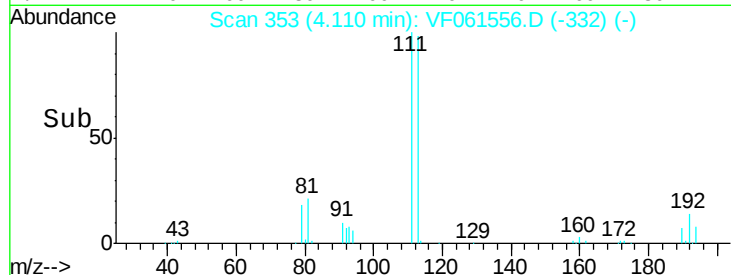
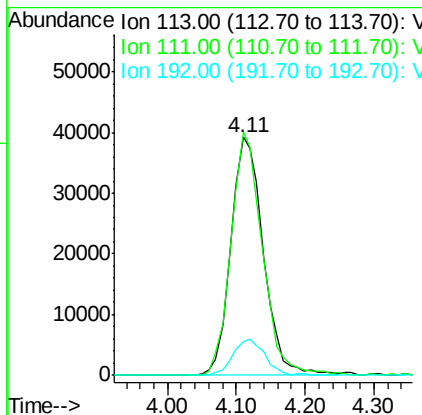
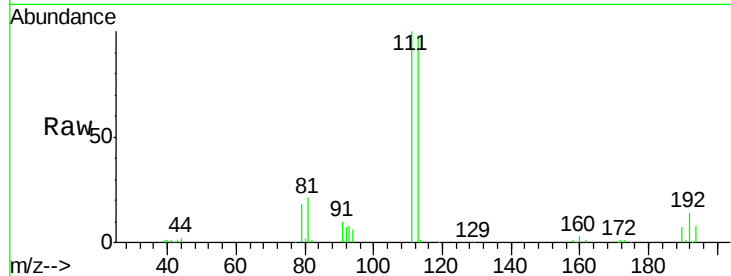
ClientSampleId :

A0C12-SS3-9.0-9.5

Tot Ion:	113	Resp:	128032
Ion Ratio	Lower	Upper	
113	100		
111	102.2	79.4	119.0
192	14.7	12.4	18.6

Manual Integrations
APPROVED

MMDadoda
2/11/2019 12:36:49 PM



#50

Toluene-d8

Concen: 40.073 ug/l

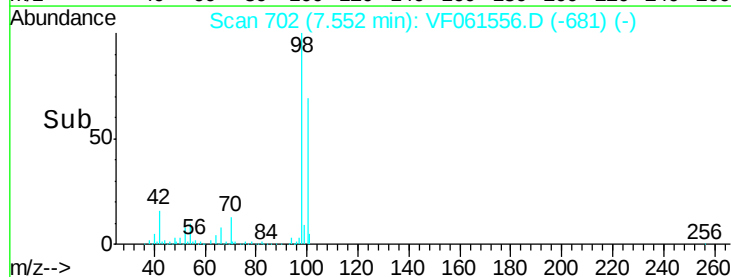
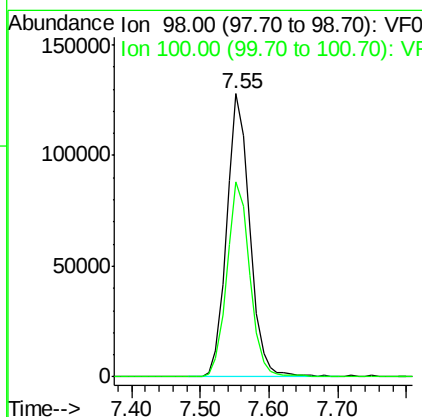
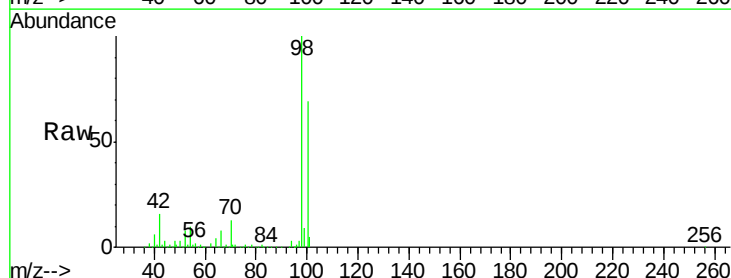
RT: 7.55 min Scan# 702

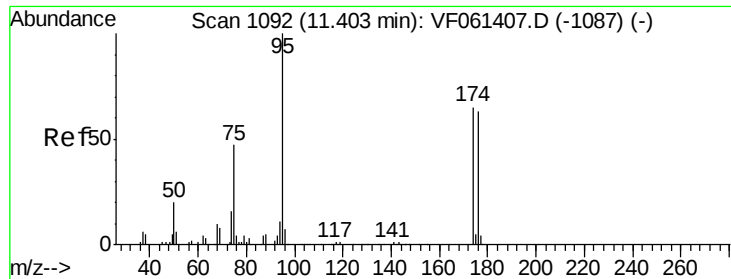
Delta R.T. 0.01 min

Lab File: VF061556.D

Acq: 7 Feb 2019 20:35

Tgt Ion:	98	Resp:	296690
Ion Ratio	Lower	Upper	
98	100		
100	68.8	55.6	83.4





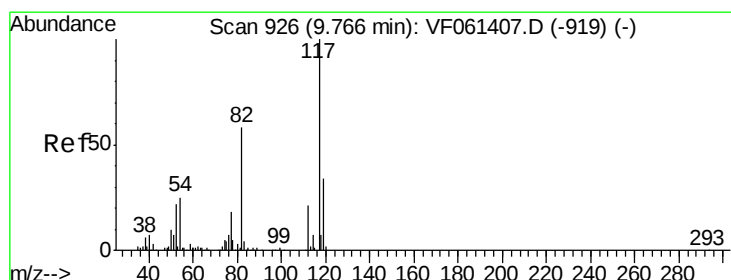
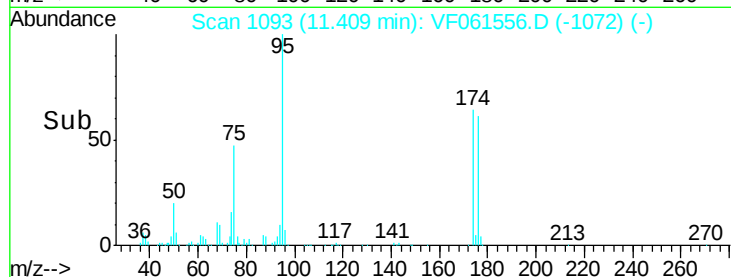
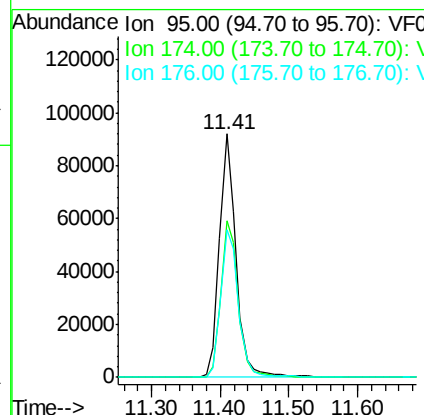
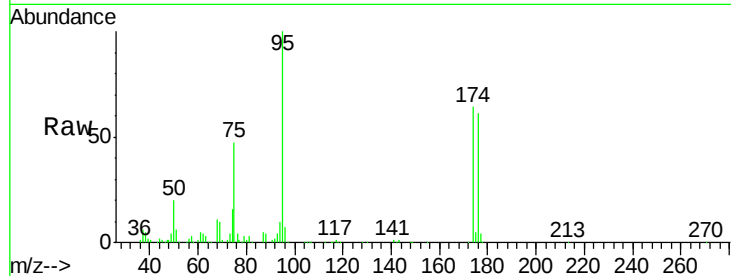
#62
4-Bromofluorobenzene
Concen: 44.579 ug/l
RT: 11.41 min Scan# 1093
Delta R.T. 0.01 min
Lab File: VF061556.D
Acq: 7 Feb 2019 20:35

Instrument :
MSVOA_F
ClientSampleId :
A0C12-SS3-9.0-9.5

Tot Ion	Ratio	Resp	Lower	Upper
95	100	154209		
174	64.5	0.0	130.4	
176	60.7	0.0	126.2	

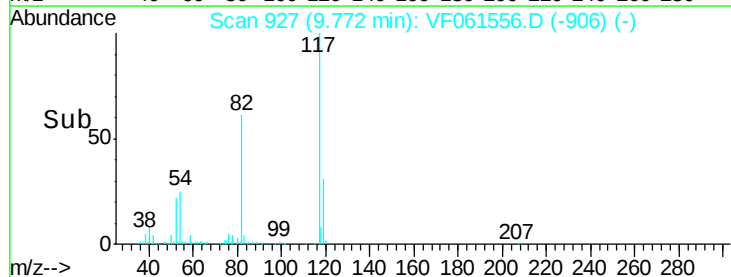
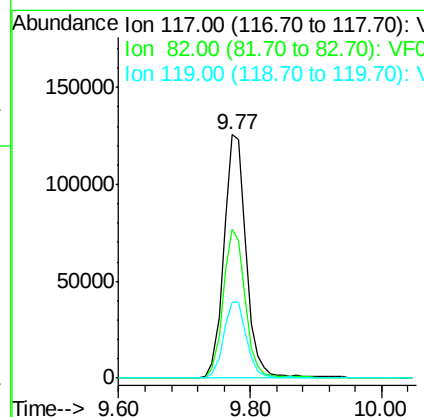
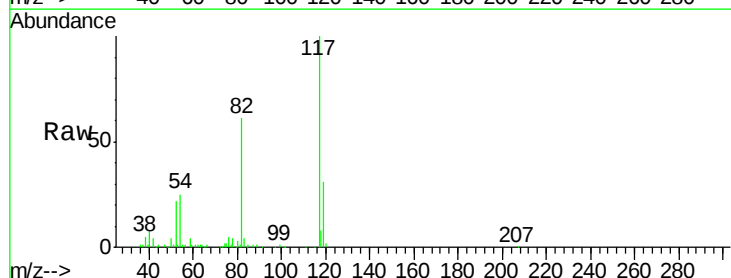
Manual Integrations
APPROVED

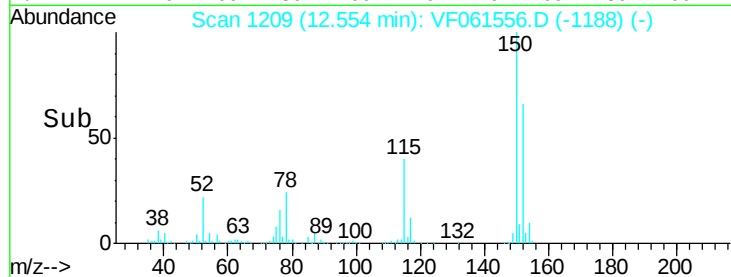
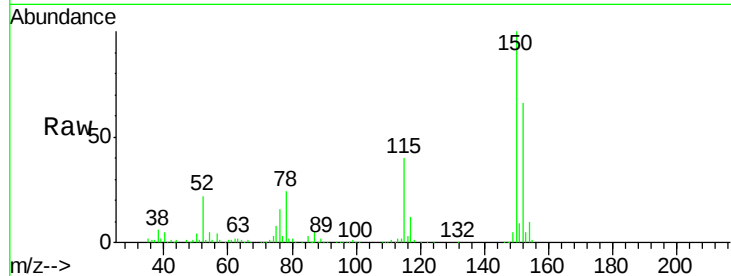
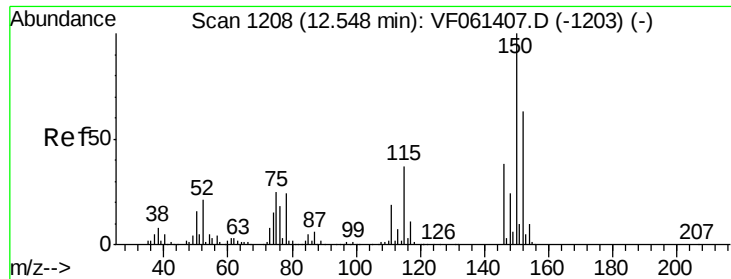
MMDadoda
2/11/2019 12:36:49 PM



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.77 min Scan# 927
Delta R.T. 0.01 min
Lab File: VF061556.D
Acq: 7 Feb 2019 20:35

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	297452		
82	61.3	46.4	69.6	
119	31.2	27.2	40.8	





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.55 min Scan# 1209

Delta R.T. 0.01 min

Lab File: VF061556.D

Acq: 7 Feb 2019 20:35

Tot Ion	Ratio	Resp	Lower	Upper
152	100	156978		
115	61.2		30.0	90.0
150	151.5		0.0	321.4

Instrument :

MSVOA_F

ClientSampleId :

A0C12-SS3-9.0-9.5

Manual Integrations
APPROVED

MMDadoda
2/11/2019 12:36:49 PM

