

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF022219\
 Data File : VF061708.D
 Acq On : 22 Feb 2019 14:48
 Operator : VA/AP
 Sample : K1556-01
 Misc : 5.43g/5mL/MSVOA-F/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 COMP

Manual Integrations
 APPROVED

MMDadoda
 2/27/2019 5:40:59 PM

Quant Time: Feb 23 03:02:07 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F021319S.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 14 03:27:56 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.85	168	319286	50.00	ug/l	-0.04
34) 1,4-Difluorobenzene	5.58	114	513789	50.00	ug/l	-0.03
63) Chlorobenzene-d5	9.76	117	371638	50.00	ug/l	-0.03
72) 1,4-Dichlorobenzene-d4	12.53	152	139021	50.00	ug/l	-0.03
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.82	65	132831	56.73	ug/l	-0.04
Spiked Amount 50.000			Recovery	=	113.46%	
35) Dibromofluoromethane	4.09	113	180939	47.42	ug/l	-0.03
Spiked Amount 50.000			Recovery	=	94.84%	
50) Toluene-d8	7.54	98	381679	34.80	ug/l	-0.03
Spiked Amount 50.000			Recovery	=	69.60%	
62) 4-Bromofluorobenzene	11.40	95	148853	33.54	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	67.08%	
Target Compounds						
16) Acetone	2.23	43	25144	50.052	ug/l	92
20) Methylene Chloride	2.23	84	34118m	10.693	ug/l	
95) Naphthalene	14.45	128	37535	6.601	ug/l	100

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

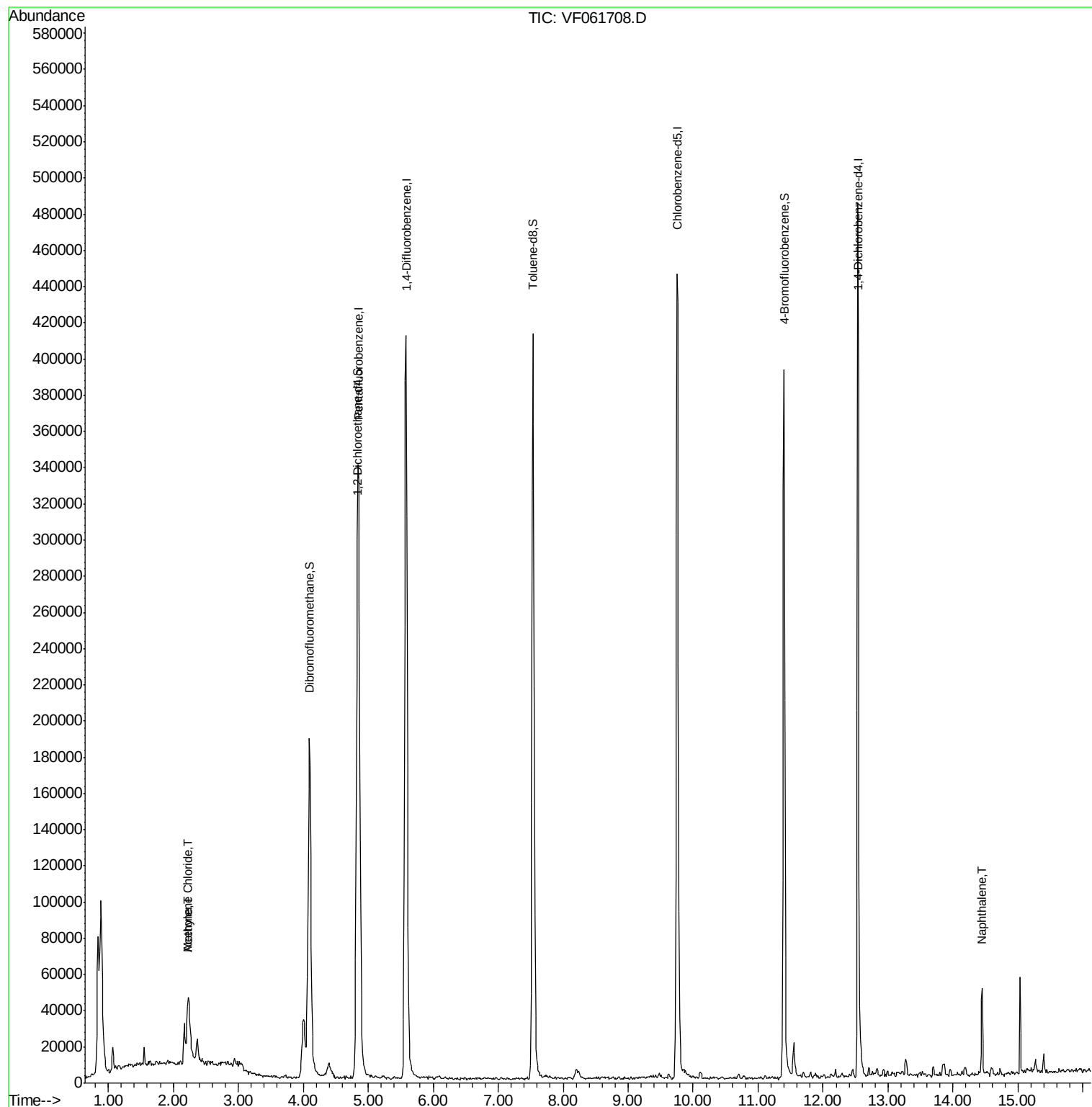
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF022219\
Data File : VF061708.D
Acq On : 22 Feb 2019 14:48
Operator : VA/AP
Sample : K1556-01
Misc : 5.43g/5mL/MSVOA-F/SOIL
ALS Vial : 6 Sample Multiplier: 1

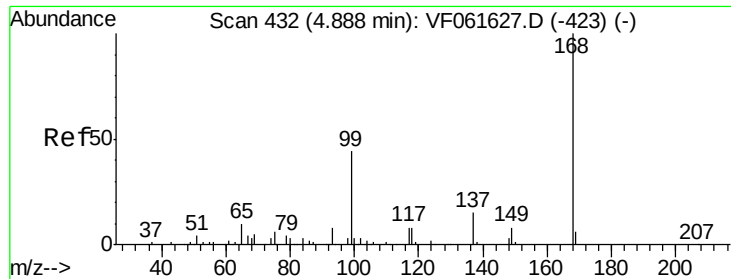
Instrument :
MSVOA_F
ClientSampleId :
COMP

Manual Integrations
APPROVED

MMDadoda
2/27/2019 5:40:59 PM

Quant Time: Feb 23 03:02:07 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F021319S.M
Quant Title : SW846 8260
QLast Update : Thu Feb 14 03:27:56 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.85 min Scan# 428

Delta R.T. -0.04 min

Lab File: VF061708.D

Acq: 22 Feb 2019 14:48

Instrument :

MSVOA_F

ClientSampleId :

COMP

Tot Ion:168 Resp: 319286

Ion Ratio Lower Upper

168 100

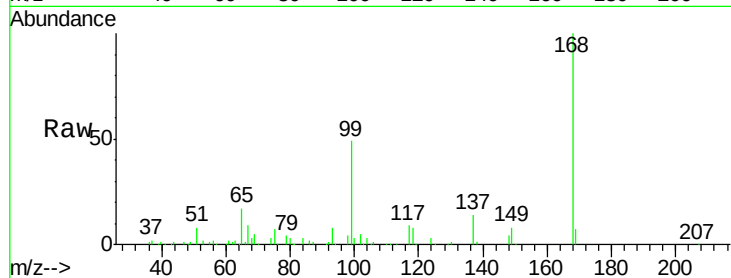
99 48.6 34.9 52.3

Manual Integrations

APPROVED

MMDadoda

2/27/2019 5:40:59 PM



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

4.85

120000

100000

80000

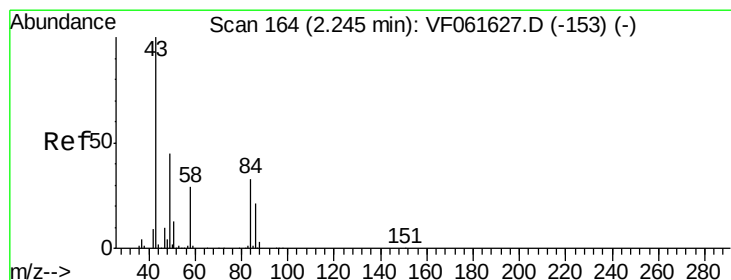
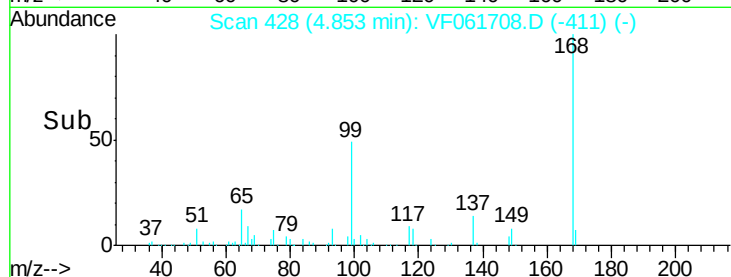
60000

40000

20000

0

Time-->



#16

Acetone

Concen: 50.052 ug/l

RT: 2.23 min Scan# 162

Delta R.T. -0.02 min

Lab File: VF061708.D

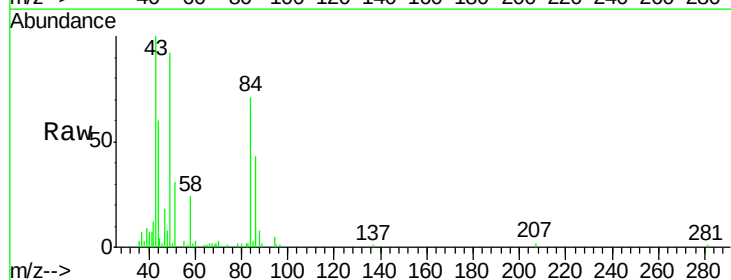
Acq: 22 Feb 2019 14:48

Tgt Ion: 43 Resp: 25144

Ion Ratio Lower Upper

43 100

58 24.1 22.9 34.3



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0

10000

8000

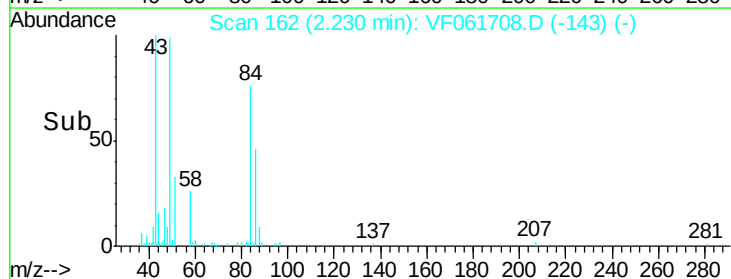
6000

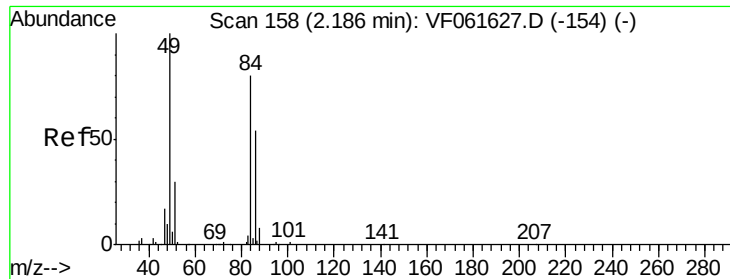
4000

2000

0

Time-->





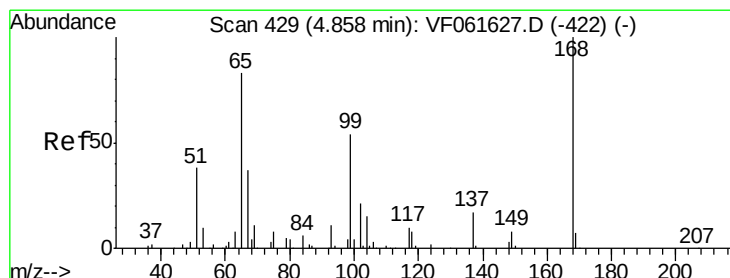
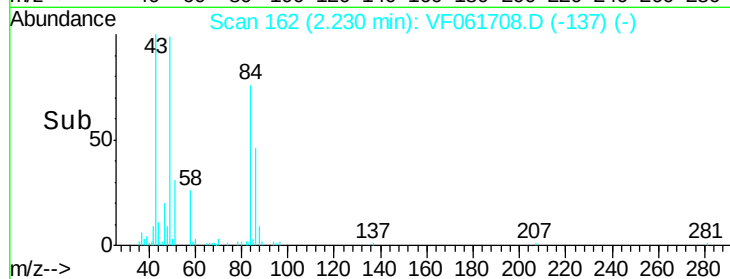
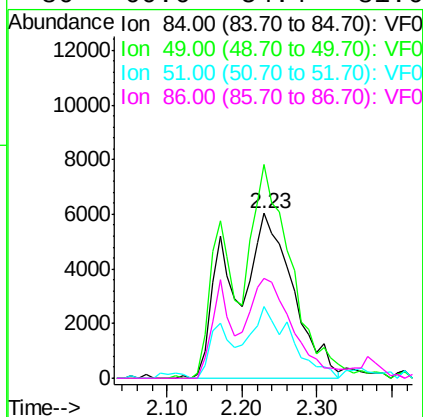
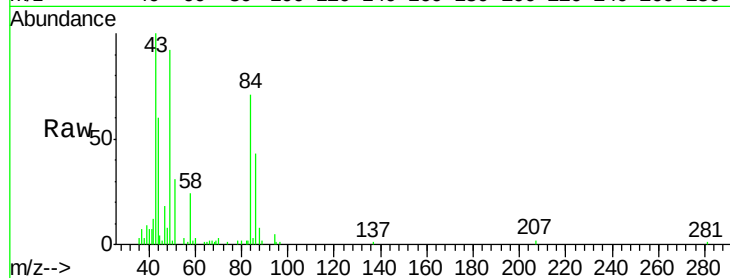
#20
Methylene Chloride
Concen: 10.693 ug/l m
RT: 2.23 min Scan# 162
Delta R.T. 0.04 min
Lab File: VF061708.D
Acq: 22 Feb 2019 14:48

Instrument :
MSVOA_F
ClientSampleId :
COMP

Tot Ion	Ion	Ratio	Lower	Upper
84	100			
49	129.8	101.8	152.8	
51	43.5	31.1	46.7	
86	60.6	54.4	81.6	

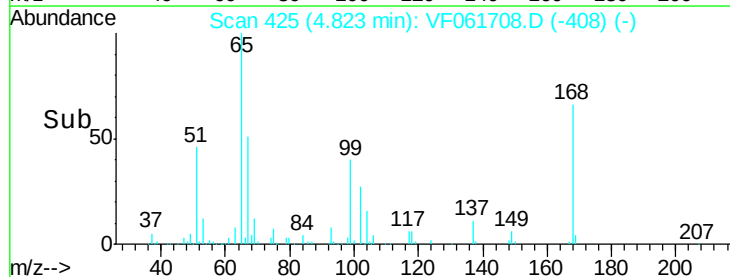
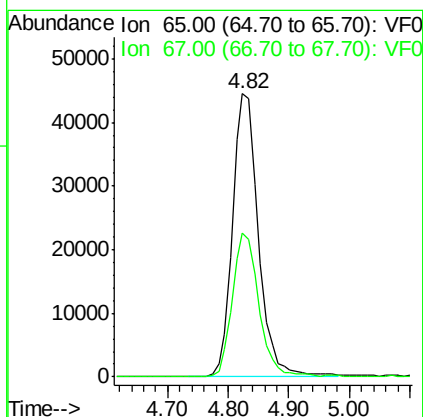
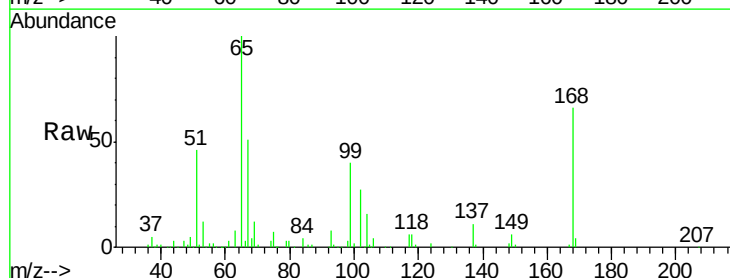
Manual Integrations
APPROVED

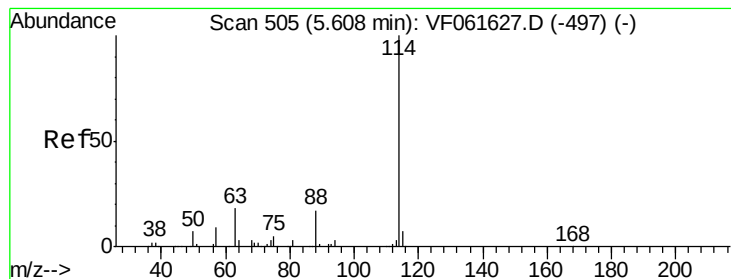
MMDadoda
2/27/2019 5:40:59 PM



#33
1,2-Dichloroethane-d4
Concen: 56.732 ug/l
RT: 4.82 min Scan# 425
Delta R.T. -0.04 min
Lab File: VF061708.D
Acq: 22 Feb 2019 14:48

Tgt Ion	Ion	Ratio	Lower	Upper
65	100			
67	50.7	0.0	104.0	





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.58 min Scan# 502

Delta R.T. -0.03 min

Lab File: VF061708.D

Acq: 22 Feb 2019 14:48

Instrument :

MSVOA_F

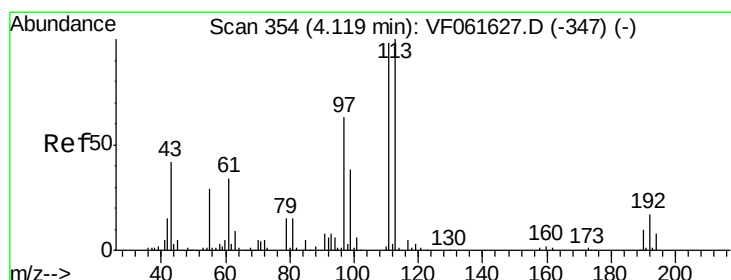
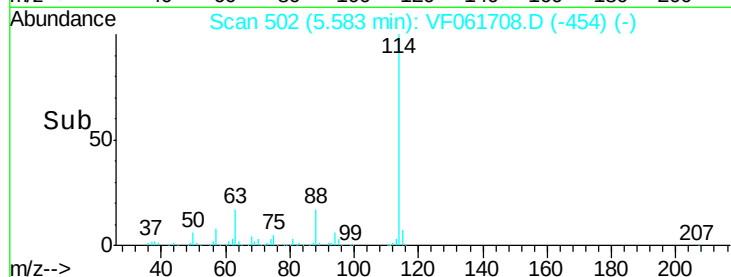
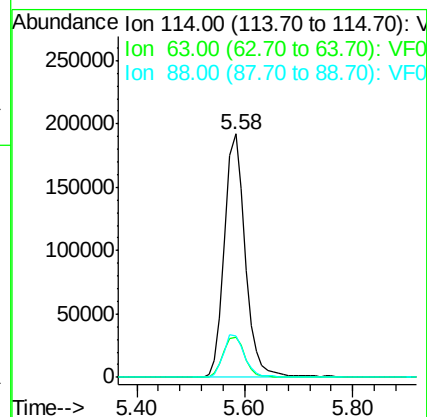
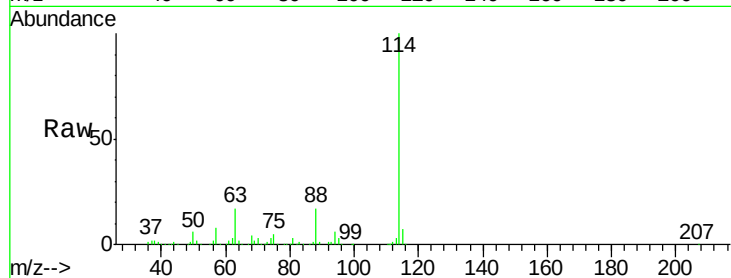
ClientSampleId :

COMP

Tot Ion:	114	Resp:	513789
Ion Ratio		Lower	Upper
114	100		
63	16.7	0.0	36.6
88	17.1	0.0	34.4

Manual Integrations
APPROVED

MMDadoda
2/27/2019 5:40:59 PM



#35

Dibromofluoromethane

Concen: 47.423 ug/l

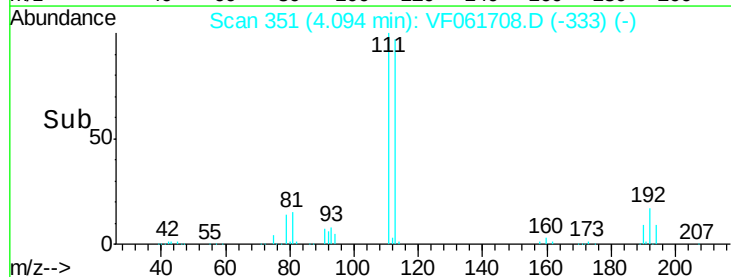
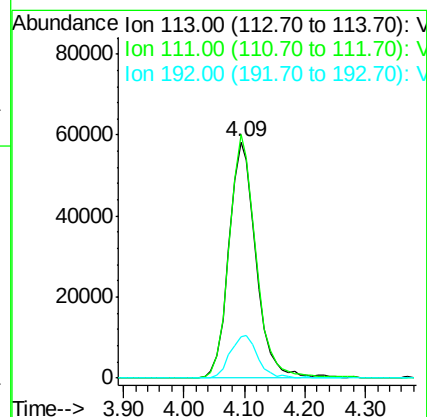
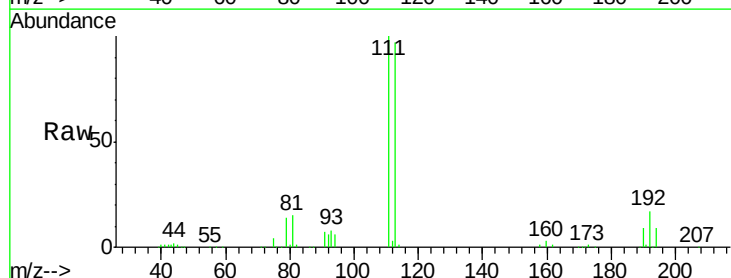
RT: 4.09 min Scan# 351

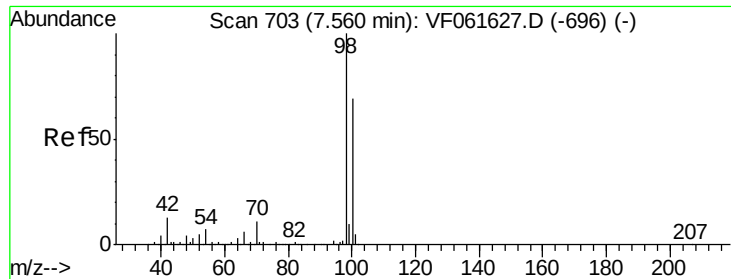
Delta R.T. -0.03 min

Lab File: VF061708.D

Acq: 22 Feb 2019 14:48

Tgt Ion:	113	Resp:	180939
Ion Ratio		Lower	Upper
113	100		
111	103.1	78.8	118.2
192	17.3	13.4	20.0





#50

Toluene-d8

Concen: 34.798 ug/l

RT: 7.54 min Scan# 700

Delta R.T. -0.03 min

Lab File: VF061708.D

Acq: 22 Feb 2019 14:48

Instrument :

MSVOA_F

ClientSampleId :

COMP

Tot Ion: 98 Resp: 381679

Ion Ratio Lower Upper

98 100

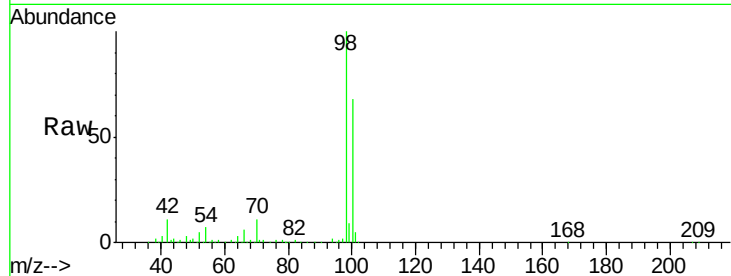
100 68.1 55.4 83.2

Manual Integrations

APPROVED

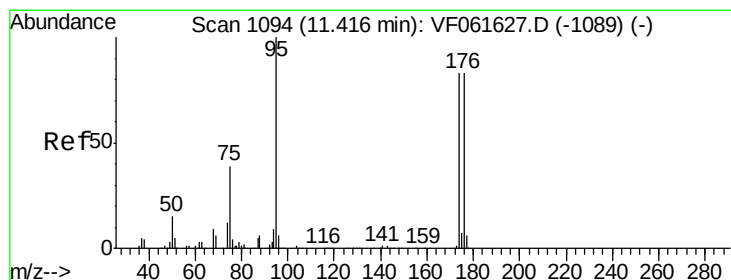
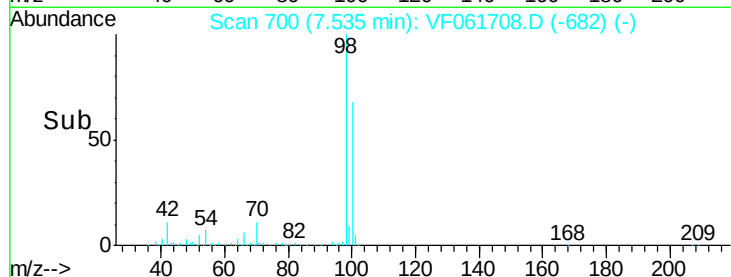
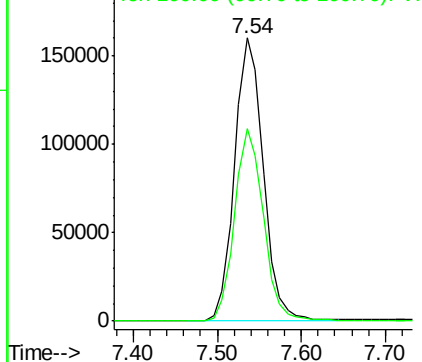
MMDadoda

2/27/2019 5:40:59 PM



Abundance Ion 98.00 (97.70 to 98.70): VF0

Ion 100.00 (99.70 to 100.70): VF



#62

4-Bromofluorobenzene

Concen: 33.541 ug/l

RT: 11.40 min Scan# 1092

Delta R.T. -0.02 min

Lab File: VF061708.D

Acq: 22 Feb 2019 14:48

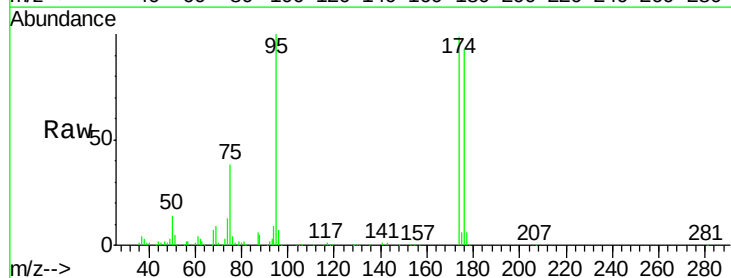
Tgt Ion: 95 Resp: 148853

Ion Ratio Lower Upper

95 100

174 98.7 0.0 165.8

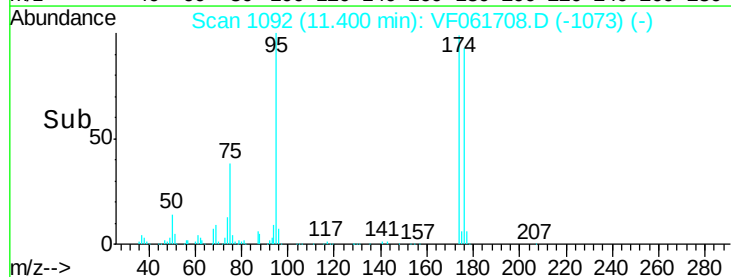
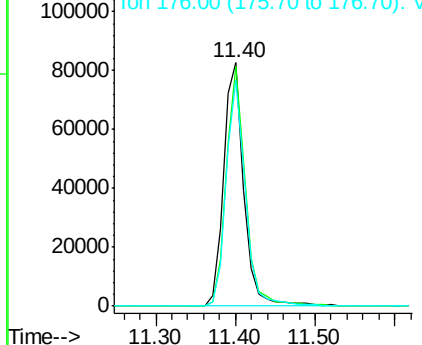
176 92.9 0.0 167.0

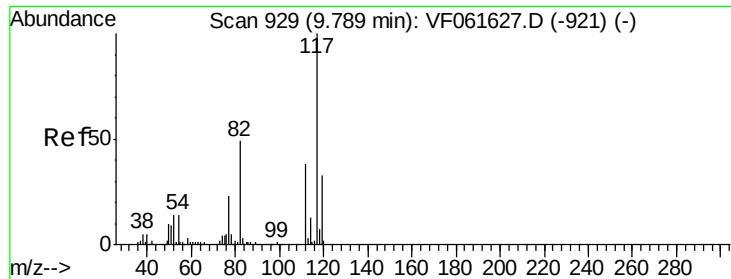


Abundance Ion 95.00 (94.70 to 95.70): VF0

Ion 174.00 (173.70 to 174.70): V

Ion 176.00 (175.70 to 176.70): V





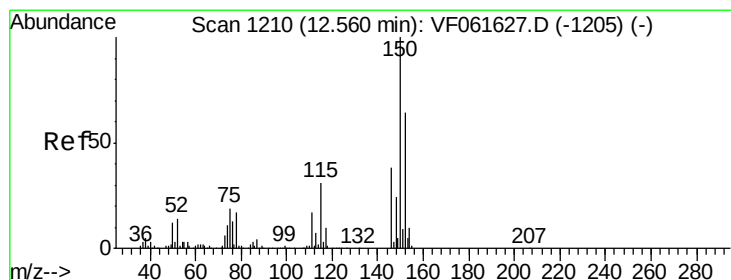
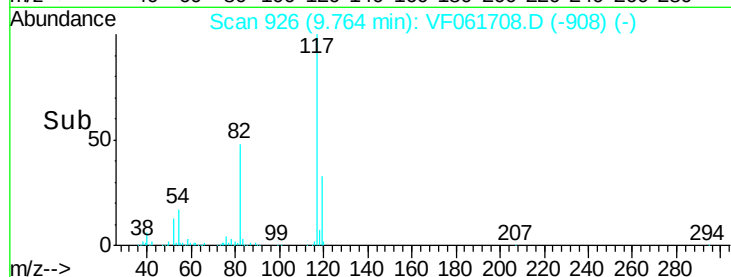
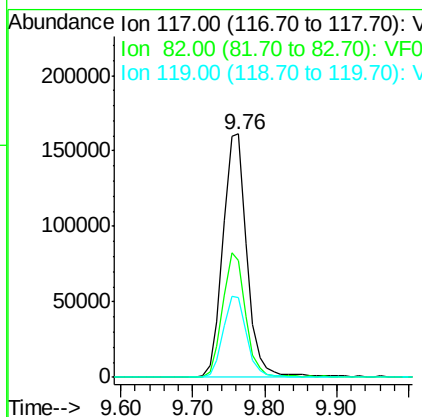
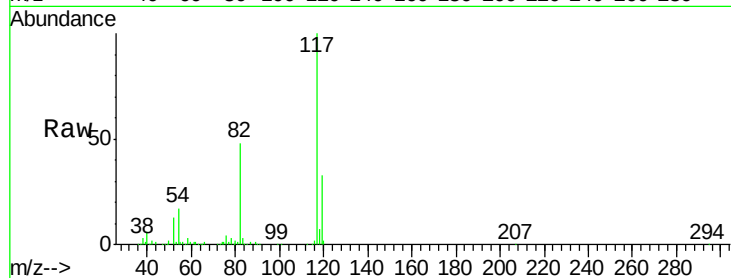
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.76 min Scan# 926
Delta R.T. -0.03 min
Lab File: VF061708.D
Acq: 22 Feb 2019 14:48

Instrument :
MSVOA_F
ClientSampleId :
COMP

Tot Ion	Ratio	Lower	Upper
117	100		
82	48.2	39.3	58.9
119	32.7	26.6	40.0

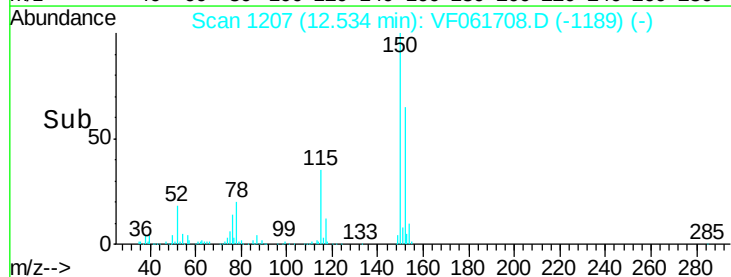
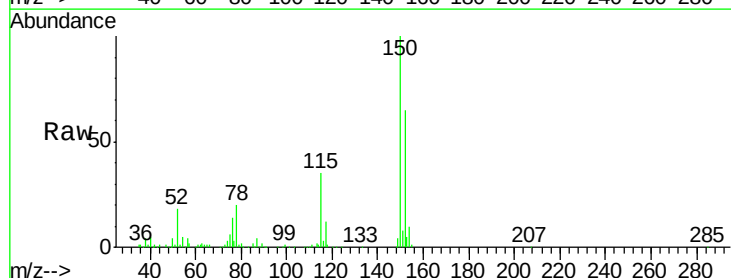
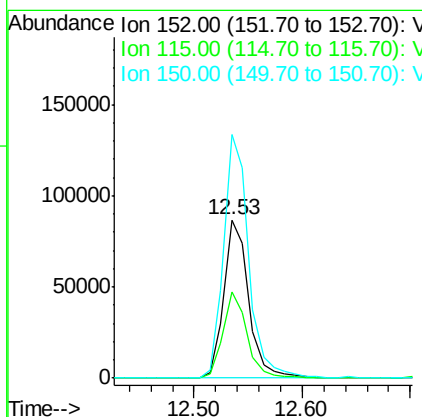
Manual Integrations
APPROVED

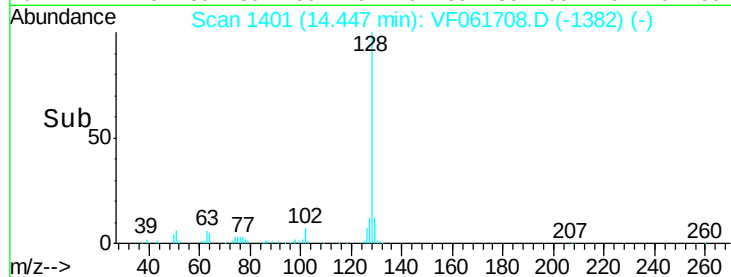
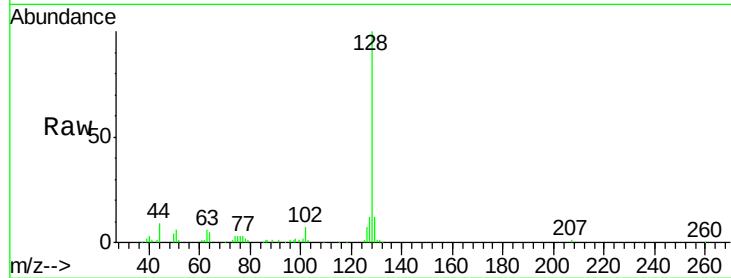
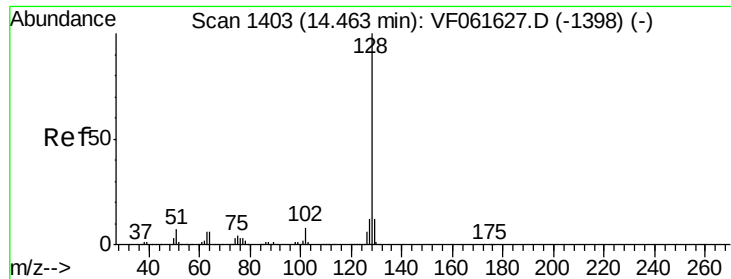
MMDadoda
2/27/2019 5:40:59 PM



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.53 min Scan# 1207
Delta R.T. -0.03 min
Lab File: VF061708.D
Acq: 22 Feb 2019 14:48

Tgt Ion	Ratio	Lower	Upper
152	100		
115	54.3	24.3	72.8
150	153.7	0.0	312.0





#95
Naphthalene
Concen: 6.601 ug/l
RT: 14.45 min Scan# 1401
Delta R.T. -0.02 min
Lab File: VF061708.D
Acq: 22 Feb 2019 14:48

Tot Ion	Ratio	Resp Lower	Upper
128	100		
127	12.3	9.8	14.6
129	11.8	9.4	14.2

Instrument :
MSVOA_F
ClientSampleId :
COMP

Manual Integrations
APPROVED

MMDadoda
2/27/2019 5:40:59 PM

