

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF032219\
 Data File : VF062102.D
 Acq On : 23 Mar 2019 2:58
 Operator : VA/AP
 Sample : K2040-09
 Misc : 6.03g/5mL/MSVOA-F/SOIL
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 S4B(20)

Manual Integrations
 APPROVED

MMDadoda
 3/27/2019 11:57:28 AM

Quant Time: Mar 23 06:59:20 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F032219S.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 23 01:16:37 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.89	168	240206	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	5.61	114	385267	50.00	ug/l	-0.02
63) Chlorobenzene-d5	9.79	117	336734	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	12.56	152	178502	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.86	65	91836	51.40	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	102.80%	
35) Dibromofluoromethane	4.13	113	131312	50.38	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	100.76%	
50) Toluene-d8	7.57	98	364600	46.87	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	93.74%	
62) 4-Bromofluorobenzene	11.42	95	147044	48.96	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	97.92%	
Target Compounds						
16) Acetone	2.25	43	18027	47.940	ug/l #	88
20) Methylene Chloride	2.19	84	26803m	9.236	ug/l	

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

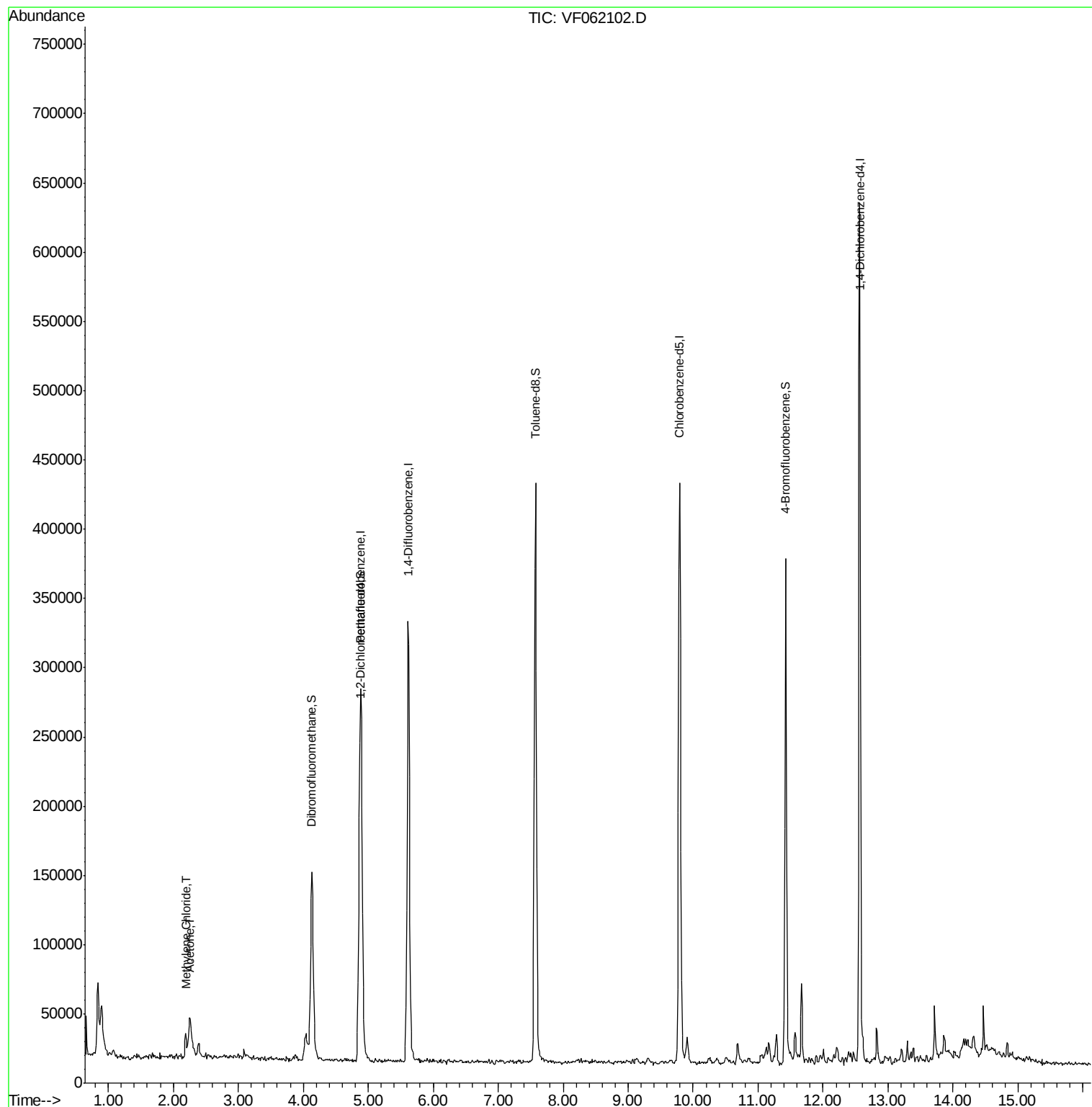
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF032219\
Data File : VF062102.D
Acq On : 23 Mar 2019 2:58
Operator : VA/AP
Sample : K2040-09
Misc : 6.03q/5mL/MSVOA-F/SOIL
ALS Vial : 35 Sample Multiplier: 1

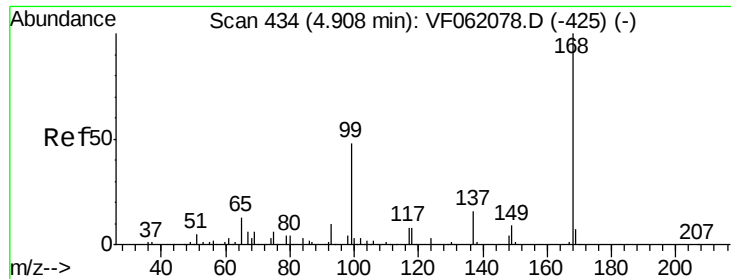
Instrument :
MSVOA_F
ClientSampleId :
S4B(20)

Manual Integrations
APPROVED

MMDadoda
3/27/2019 11:57:28 AM

Quant Time: Mar 23 06:59:20 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F032219S.M
Quant Title : SW846 8260
QLast Update : Sat Mar 23 01:16:37 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.89 min Scan# 432

Delta R.T. -0.02 min

Lab File: VF062102.D

Acq: 23 Mar 2019 2:58

Instrument :

MSVOA_F

ClientSampleId :

S4B(20)

Tot Ion:168 Resp: 240206

Ion Ratio Lower Upper

168 100

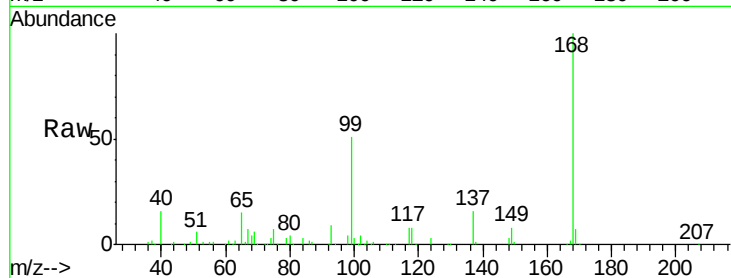
99 50.8 38.2 57.4

Manual Integrations

APPROVED

MMDadoda

3/27/2019 11:57:28 AM



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

80000

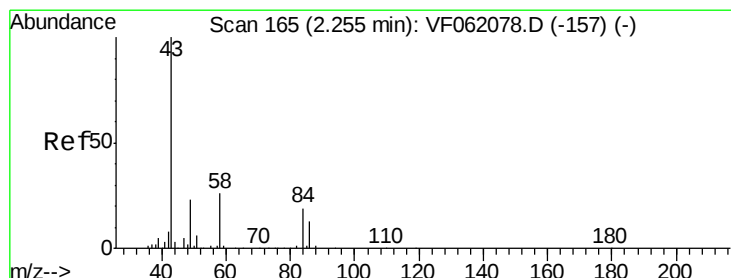
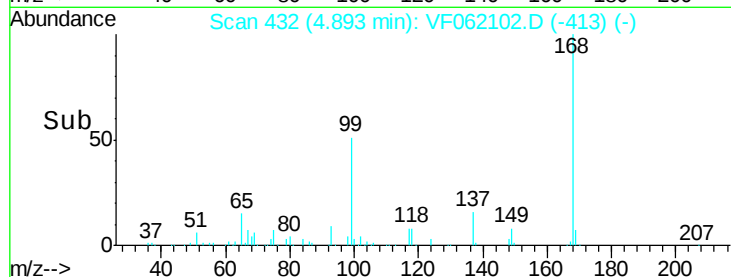
60000

40000

20000

0

Time--> 4.70 4.80 4.90 5.00 5.10



#16

Acetone

Concen: 47.940 ug/l

RT: 2.25 min Scan# 164

Delta R.T. -0.01 min

Lab File: VF062102.D

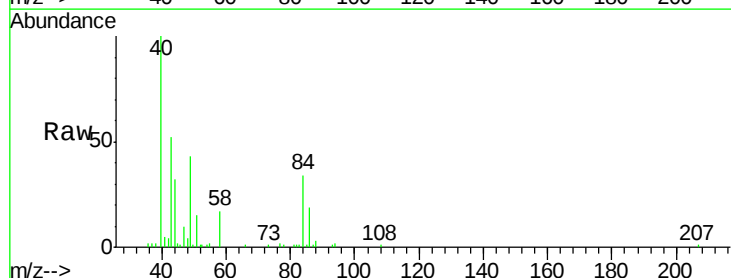
Acq: 23 Mar 2019 2:58

Tgt Ion: 43 Resp: 18027

Ion Ratio Lower Upper

43 100

58 31.9 20.8 31.2#



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0

8000

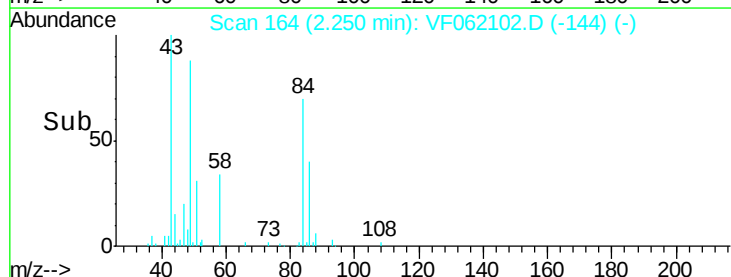
6000

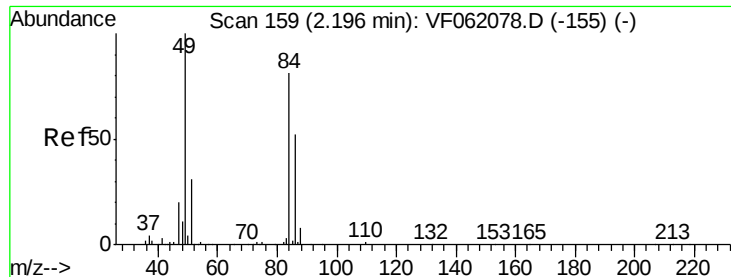
4000

2000

0

Time--> 2.15 2.20 2.25 2.30 2.35





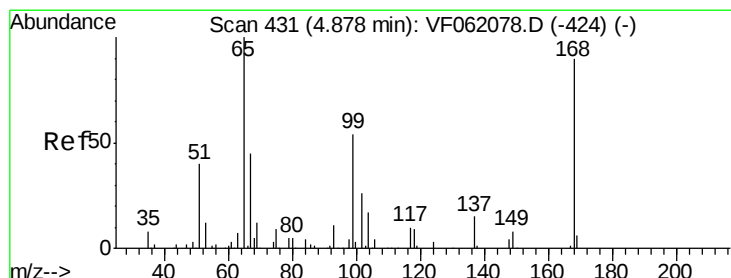
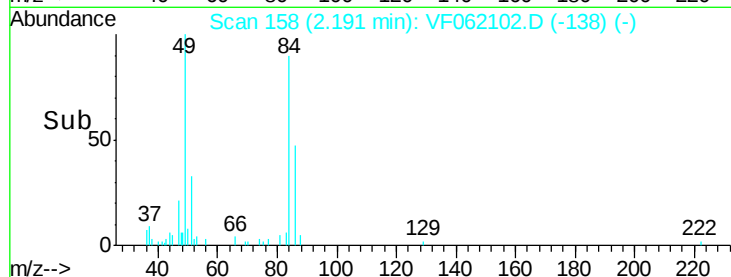
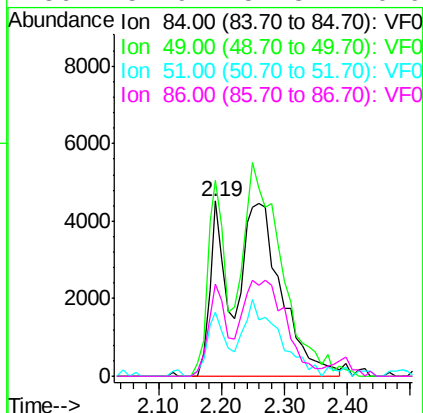
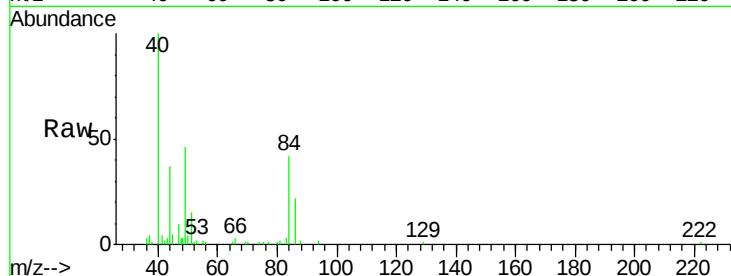
#20
Methvlene Chloride
Concen: 9.236 ug/l m
RT: 2.19 min Scan# 158
Delta R.T. -0.01 min
Lab File: VF062102.D
Acq: 23 Mar 2019 2:58

Instrument :
MSVOA_F
ClientSampleId :
S4B(20)

Tot Ion:	84	Resp:	26803
Ion	Ratio	Lower	Upper
84	100		
49	111.6	100.4	150.6
51	36.6	31.0	46.6
86	52.9	51.3	76.9

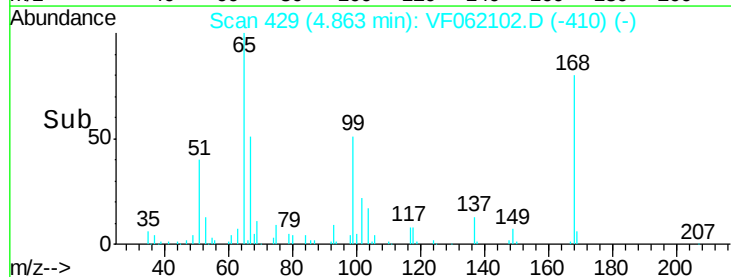
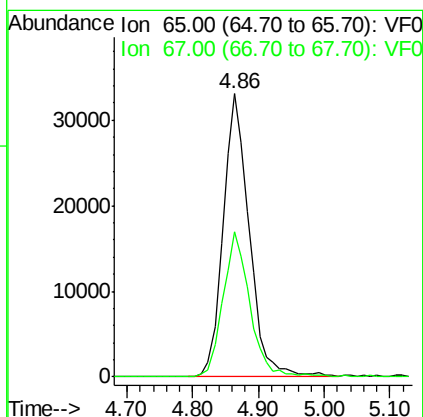
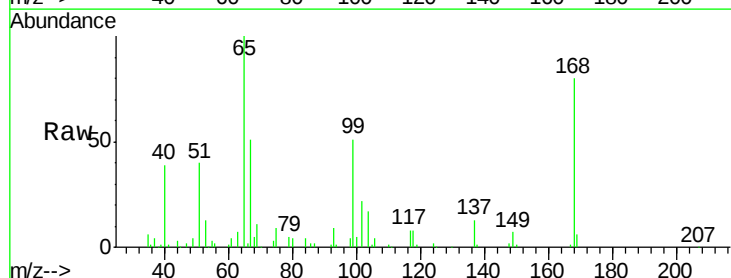
Manual Integrations
APPROVED

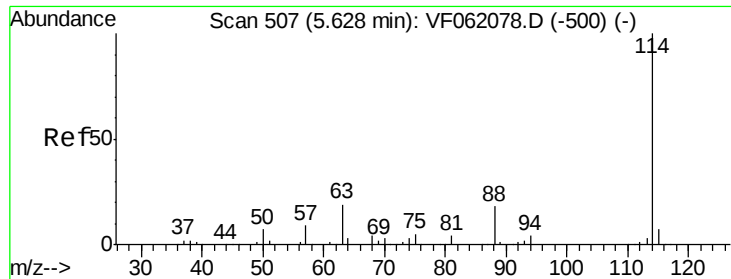
MMDadoda
3/27/2019 11:57:28 AM



#33
1,2-Dichloroethane-d4
Concen: 51.401 ug/l
RT: 4.86 min Scan# 429
Delta R.T. -0.02 min
Lab File: VF062102.D
Acq: 23 Mar 2019 2:58

Tgt Ion:	65	Resp:	91836
Ion	Ratio	Lower	Upper
65	100		
67	51.4	0.0	106.2





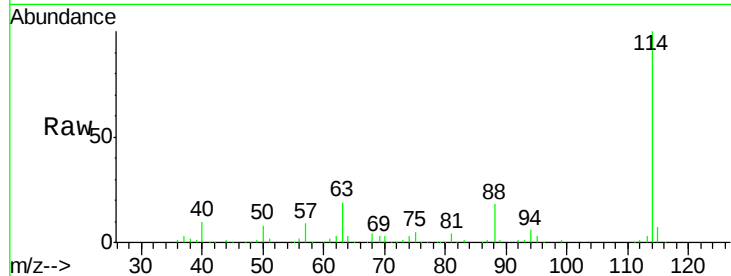
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.61 min Scan# 505
 Delta R.T. -0.02 min
 Lab File: VF062102.D
 Acq: 23 Mar 2019 2:58

Instrument :
 MSVOA_F
 ClientSampleId :
 S4B(20)

Tot Ion	Ratio	Resp Lower	Upper
114	100		
63	19.5	0.0	37.8
88	17.8	0.0	36.4

Manual Integrations
 APPROVED

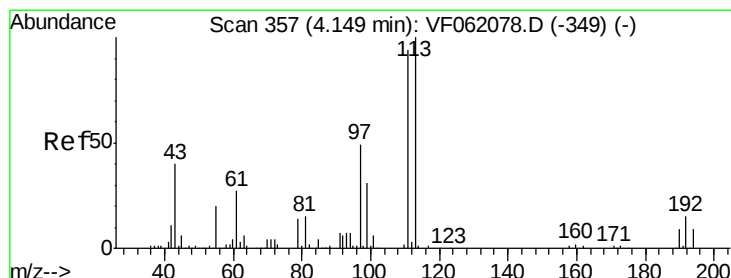
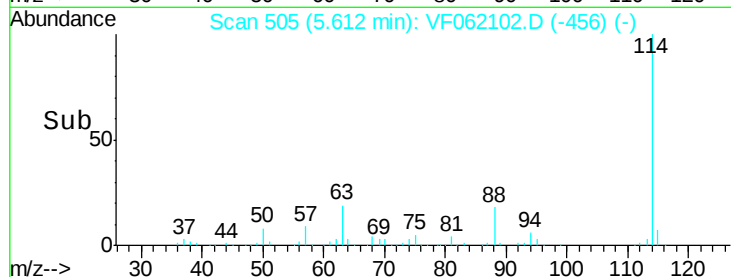
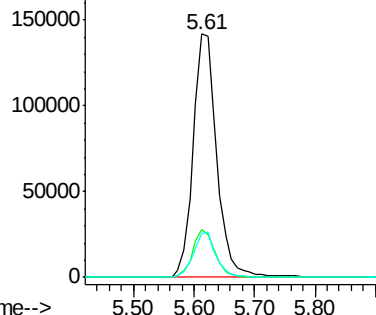
MMDadoda
 3/27/2019 11:57:28 AM



Abundance Ion 114.00 (113.70 to 114.70): V

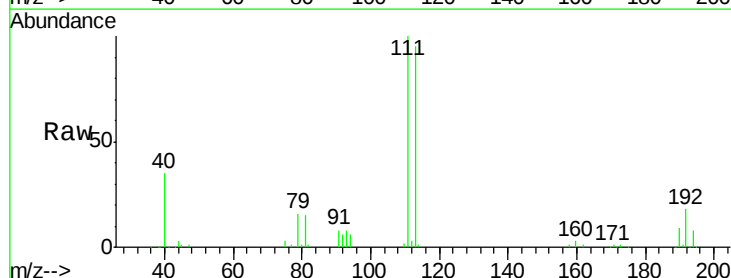
Ion 63.00 (62.70 to 63.70): VF0

Ion 88.00 (87.70 to 88.70): VF0



#35
 Dibromofluoromethane
 Concen: 50.385 ug/l
 RT: 4.13 min Scan# 355
 Delta R.T. -0.02 min
 Lab File: VF062102.D
 Acq: 23 Mar 2019 2:58

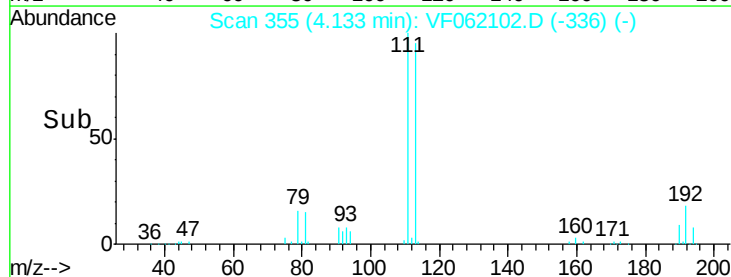
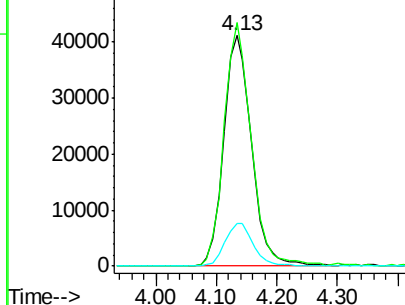
Tgt Ion	Ratio	Resp Lower	Upper
113	100		
111	105.5	75.4	113.0
192	18.5	12.3	18.5#

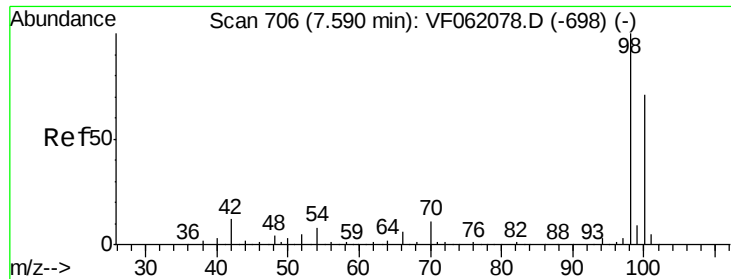


Abundance Ion 113.00 (112.70 to 113.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 192.00 (191.70 to 192.70): V





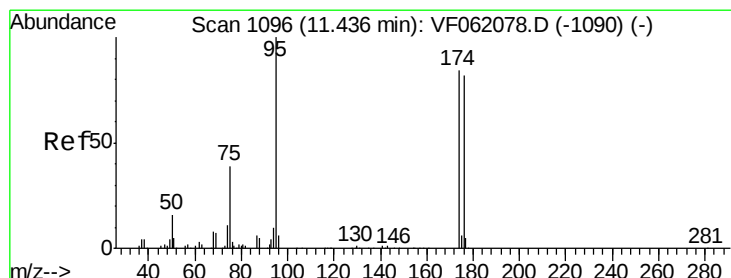
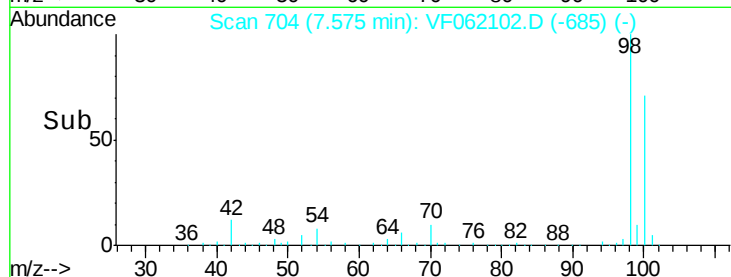
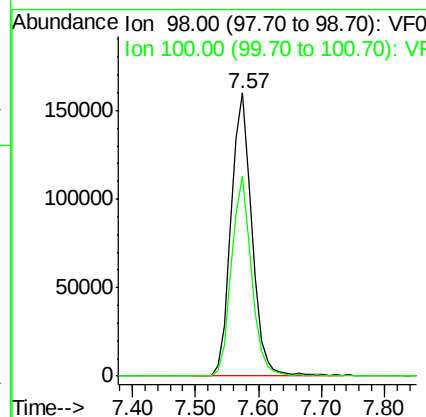
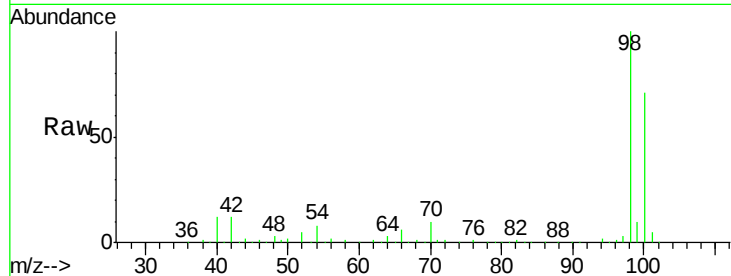
#50
Toluene-d8
Concen: 46.867 ug/l
RT: 7.57 min Scan# 704
Delta R.T. -0.02 min
Lab File: VF062102.D
Acq: 23 Mar 2019 2:58

Instrument :
MSVOA_F
ClientSampleId :
S4B(20)

Tot Ion: 98 Resp: 364600
Ion Ratio Lower Upper
98 100
100 70.5 57.0 85.6

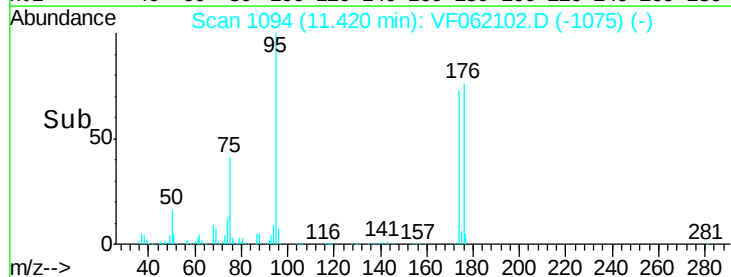
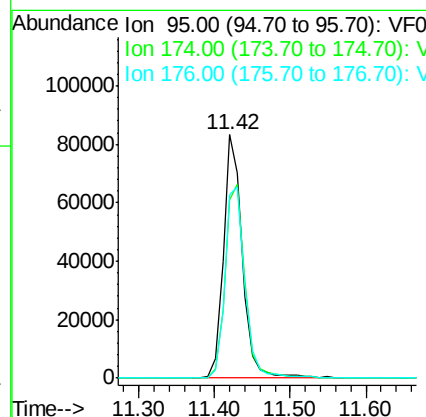
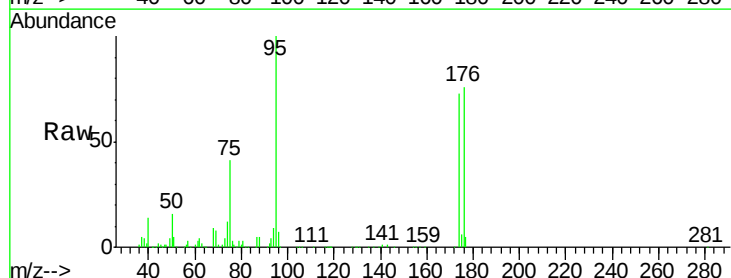
Manual Integrations
APPROVED

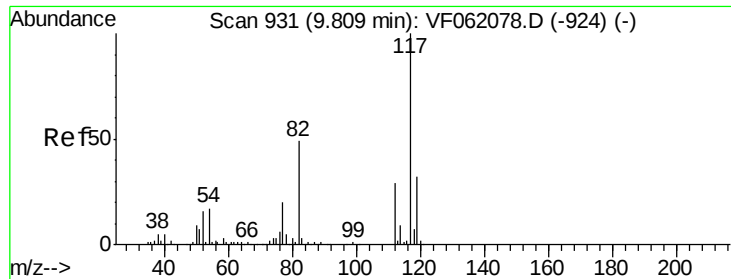
MMDadoda
3/27/2019 11:57:28 AM



#62
4-Bromofluorobenzene
Concen: 48.961 ug/l
RT: 11.42 min Scan# 1094
Delta R.T. -0.02 min
Lab File: VF062102.D
Acq: 23 Mar 2019 2:58

Tgt Ion: 95 Resp: 147044
Ion Ratio Lower Upper
95 100
174 73.4 0.0 168.2
176 75.5 0.0 164.2





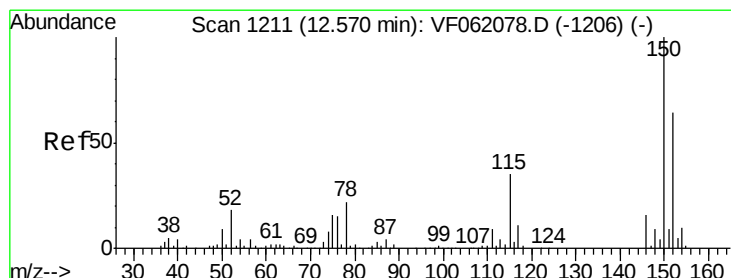
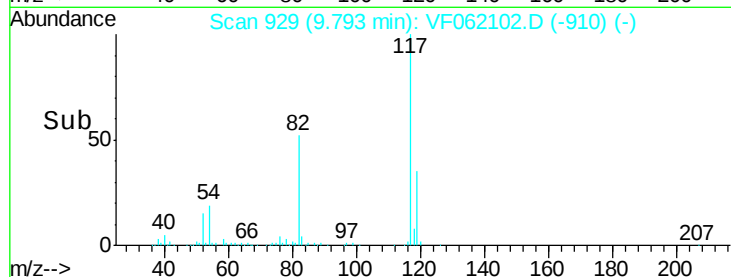
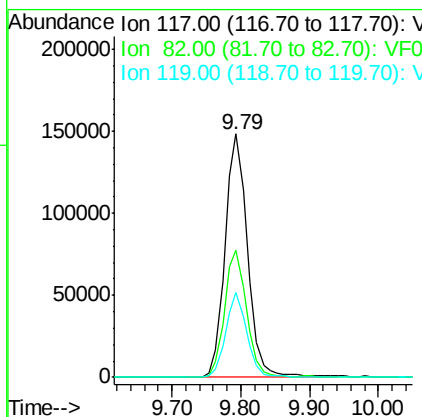
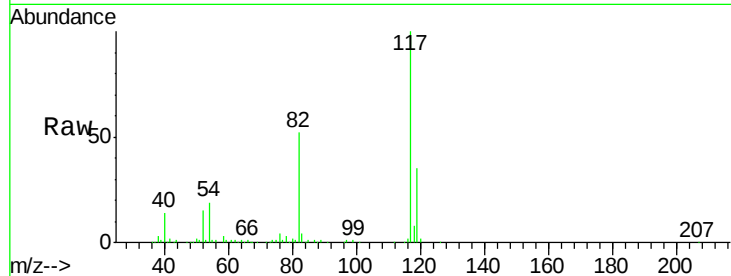
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.79 min Scan# 929
Delta R.T. -0.02 min
Lab File: VF062102.D
Acq: 23 Mar 2019 2:58

Instrument :
MSVOA_F
ClientSampleId :
S4B(20)

Tot Ion	Ratio	Resp	Lower	Upper
117	100	336734		
82	52.3		39.2	58.8
119	34.7		25.4	38.2

Manual Integrations
APPROVED

MMDadoda
3/27/2019 11:57:28 AM



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.56 min Scan# 1210
Delta R.T. -0.01 min
Lab File: VF062102.D
Acq: 23 Mar 2019 2:58

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	178502		
115	52.9		27.7	83.1
150	152.7		0.0	313.2

