

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF032019\
 Data File : VF062040.D
 Acq On : 20 Mar 2019 15:13
 Operator : VA/AP
 Sample : K1971-05
 Misc : 3.13g/5mL/MSVOA-F/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 SB-10(1-2)-031519

Manual Integrations
 APPROVED

MMDadoda
 3/22/2019 4:51:56 PM

Quant Time: Mar 22 07:13:19 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F031619S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 22 03:22:44 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.86	168	194191	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	5.59	114	291074	50.00	ug/l	-0.01
63) Chlorobenzene-d5	9.76	117	217812	50.00	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	12.54	152	79691	50.00	ug/l	-0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.83	65	99292	71.03	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	142.06%	
35) Dibromofluoromethane	4.10	113	145516	74.45	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	148.90%	
50) Toluene-d8	7.54	98	331206	57.96	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	115.92%	
62) 4-Bromofluorobenzene	11.40	95	98343	43.32	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	86.64%	
Target Compounds						
20) Methylene Chloride	2.18	84	15521m	9.477	ug/l	
44) Trichloroethene	5.49	130	26860	12.589	ug/l	93

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

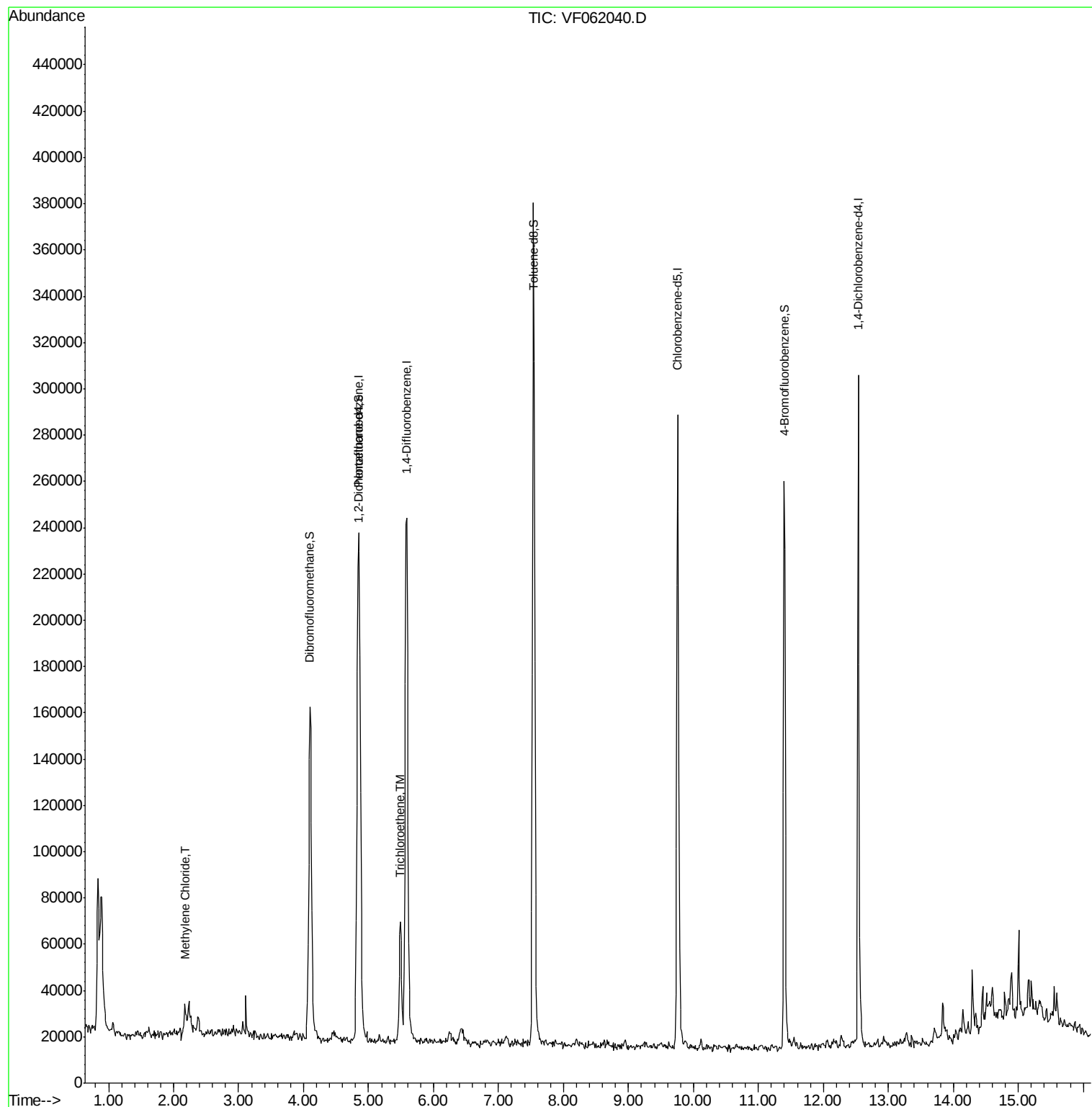
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF032019\
Data File : VF062040.D
Acq On : 20 Mar 2019 15:13
Operator : VA/AP
Sample : K1971-05
Misc : 3.13g/5mL/MSVOA-F/SOIL
ALS Vial : 10 Sample Multiplier: 1

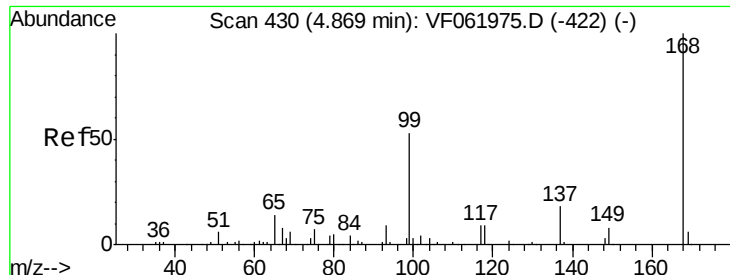
Instrument :
MSVOA_F
ClientSampleId :
SB-10(1-2)-031519

Manual Integrations
APPROVED

MMDadoda
3/22/2019 4:51:56 PM

Quant Time: Mar 22 07:13:19 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F031619S.M
Quant Title : SW846 8260
QLast Update : Fri Mar 22 03:22:44 2019
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: VF062040.D

Acq: 20 Mar 2019 15:13

Instrument :

MSVOA_F

ClientSampleId :

SB-10(1-2)-031519

Tot Ion:168 Resp: 194191

Ion Ratio Lower Upper

168 100

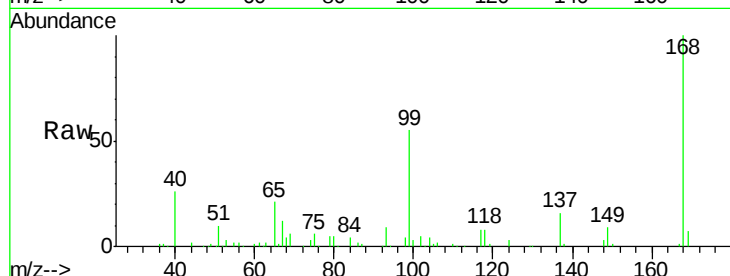
99 55.1 42.4 63.6

Manual Integrations

APPROVED

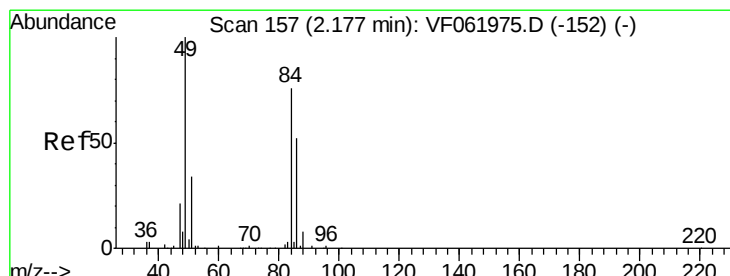
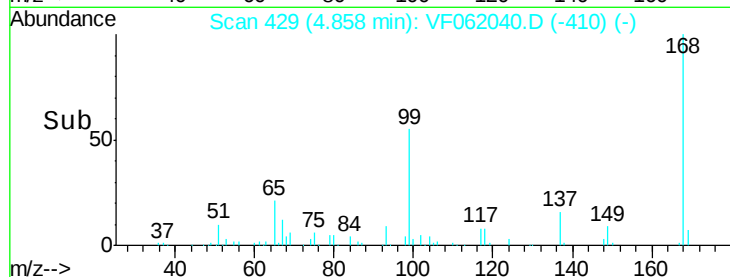
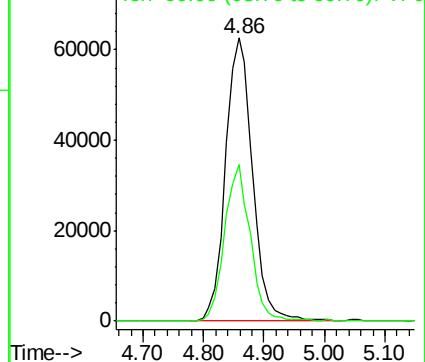
MMDadoda

3/22/2019 4:51:56 PM



Abundance Ion 168.00 (167.70 to 168.70): V

Ion 99.00 (98.70 to 99.70): VF0



#20

Methylene Chloride

Concen: 9.477 ug/l m

RT: 2.18 min Scan# 157

Delta R.T. -0.00 min

Lab File: VF062040.D

Acq: 20 Mar 2019 15:13

Tgt Ion: 84 Resp: 15521

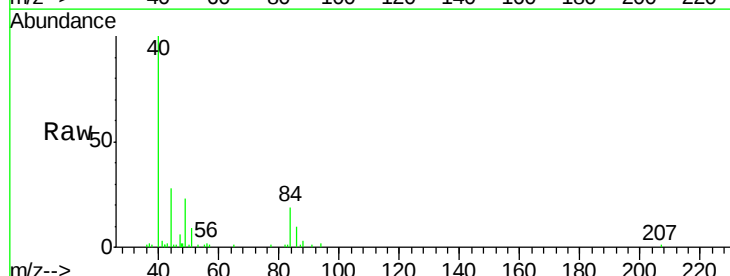
Ion Ratio Lower Upper

84 100

49 119.8 107.0 160.6

51 49.5 37.2 55.8

86 51.5 55.3 82.9#

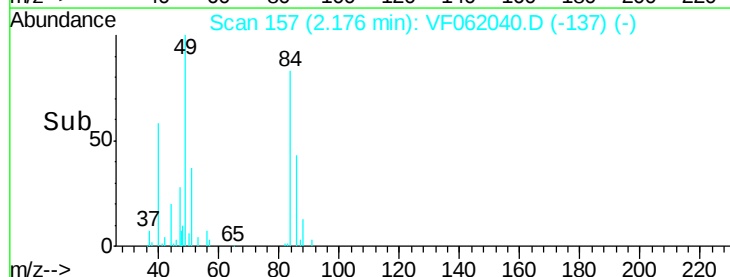
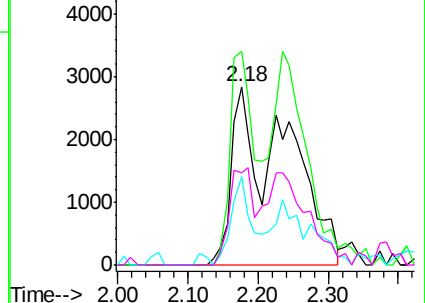


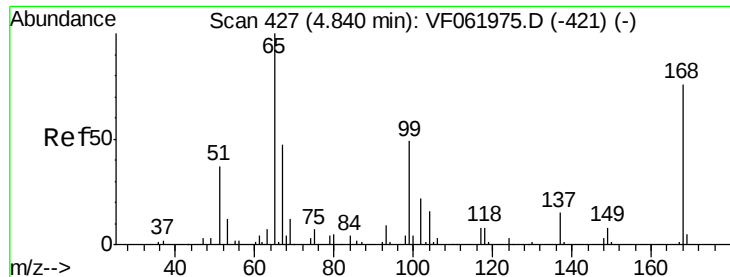
Abundance Ion 84.00 (83.70 to 84.70): VF0

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





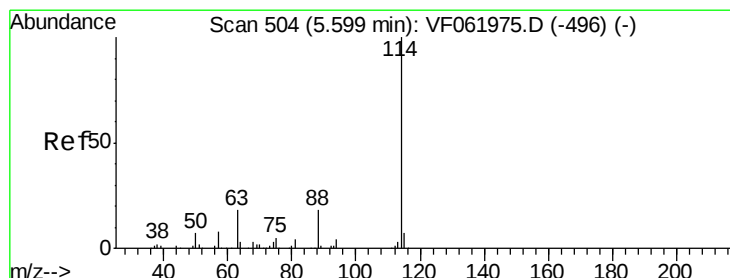
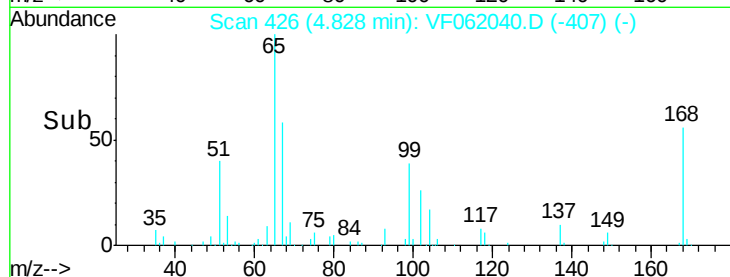
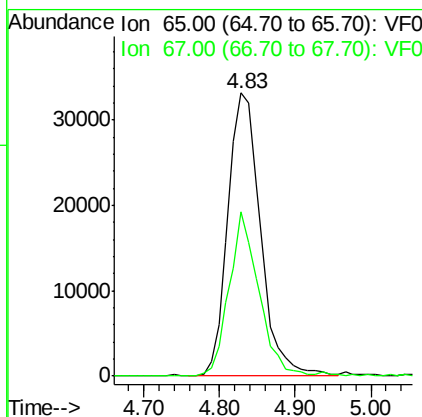
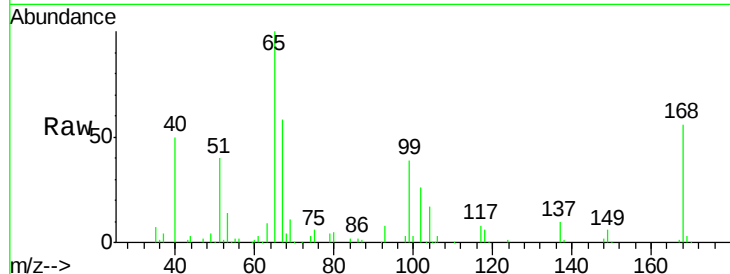
#33
 1,2-Dichloroethane-d4
 Concen: 71.031 ug/l
 RT: 4.83 min Scan# 426
 Delta R.T. -0.01 min
 Lab File: VF062040.D
 Acq: 20 Mar 2019 15:13

Instrument :
 MSVOA_F
 ClientSampleId :
 SB-10(1-2)-031519

Tot Ion	Ratio	Resp	Lower	Upper
65	100	99292		
67	58.0	0.0	109.4	

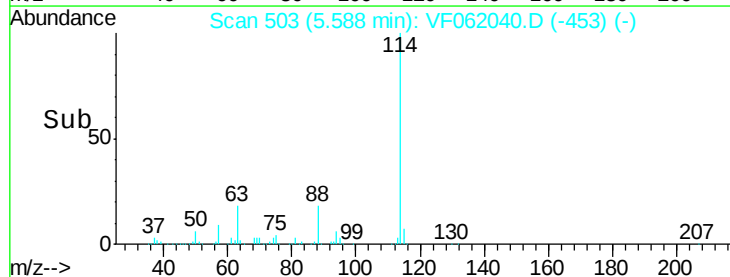
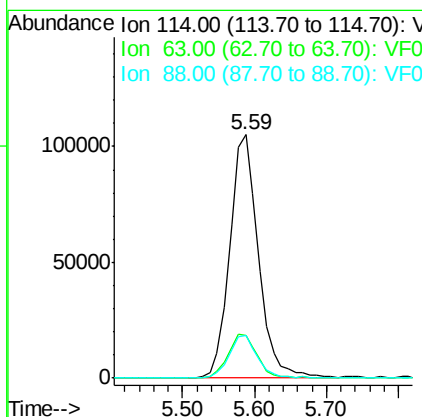
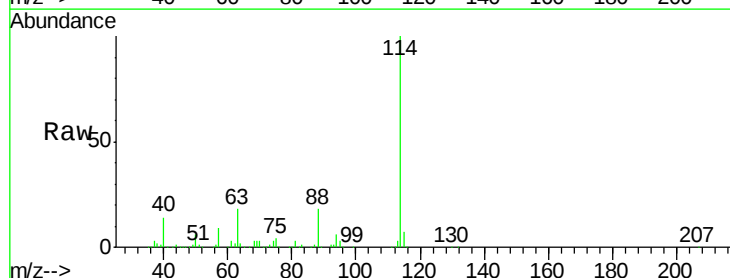
Manual Integrations
 APPROVED

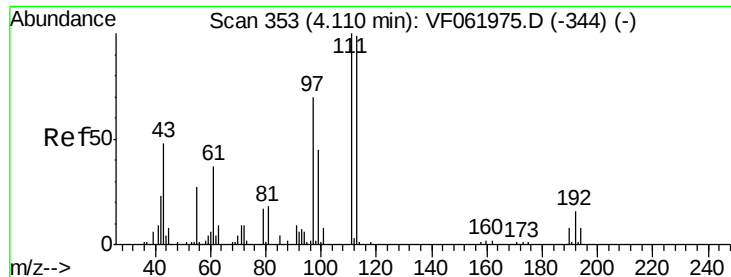
MMDadoda
 3/22/2019 4:51:56 PM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.59 min Scan# 503
 Delta R.T. -0.01 min
 Lab File: VF062040.D
 Acq: 20 Mar 2019 15:13

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	291074		
63	17.6	0.0	36.4	
88	17.7	0.0	36.4	





#35

Dibromofluoromethane

Concen: 74.447 ug/l

RT: 4.10 min Scan# 352

Delta R.T. -0.01 min

Lab File: VF062040.D

Acq: 20 Mar 2019 15:13

Instrument :

MSVOA_F

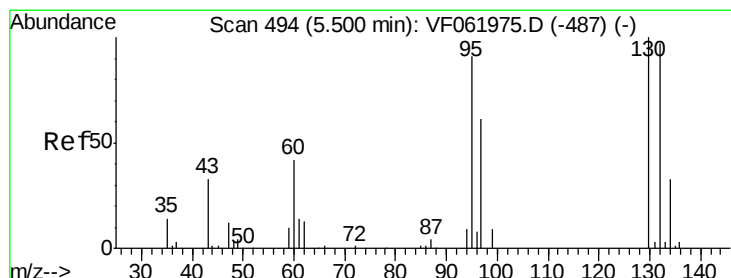
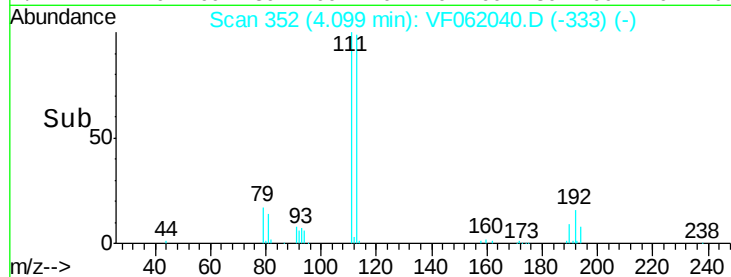
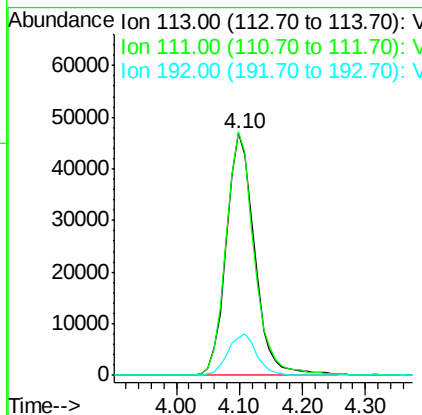
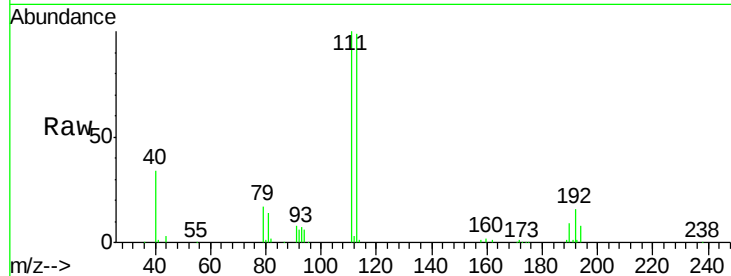
ClientSampleId :

SB-10(1-2)-031519

Tot Ion:	113	Resp:	145516
Ion Ratio	Lower	Upper	
113	100		
111	100.6	80.8	121.2
192	16.2	13.0	19.6

Manual Integrations
APPROVED

MMDadoda
3/22/2019 4:51:56 PM



#44

Trichloroethene

Concen: 12.589 ug/l

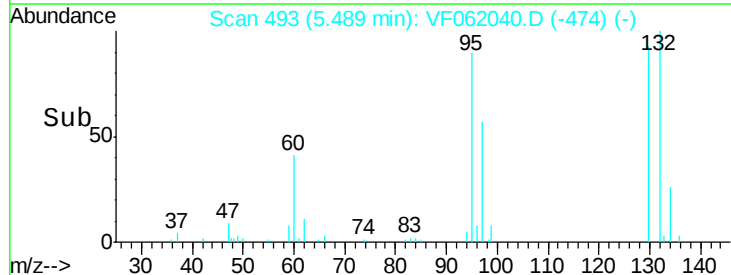
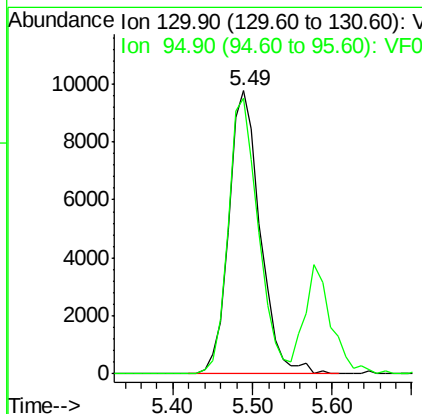
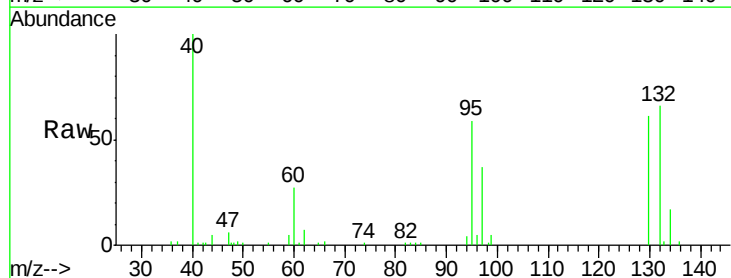
RT: 5.49 min Scan# 493

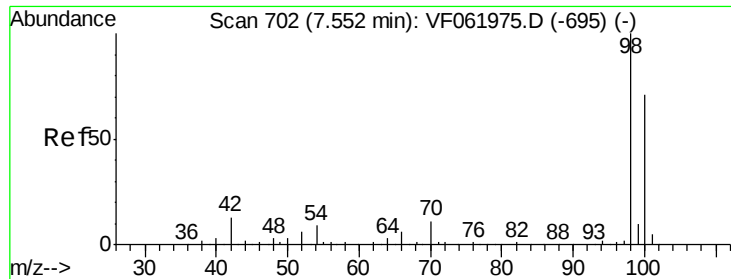
Delta R.T. -0.01 min

Lab File: VF062040.D

Acq: 20 Mar 2019 15:13

Tgt Ion:	130	Resp:	26860
Ion Ratio	Lower	Upper	
130	100		
95	97.5	0.0	181.4





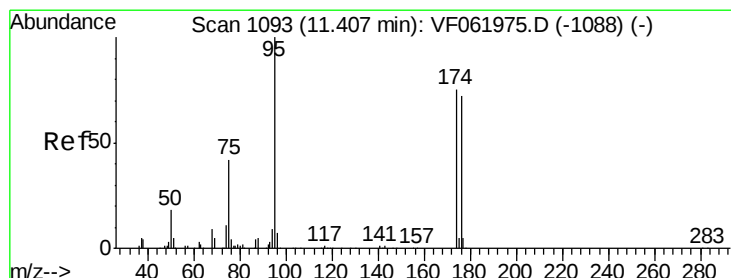
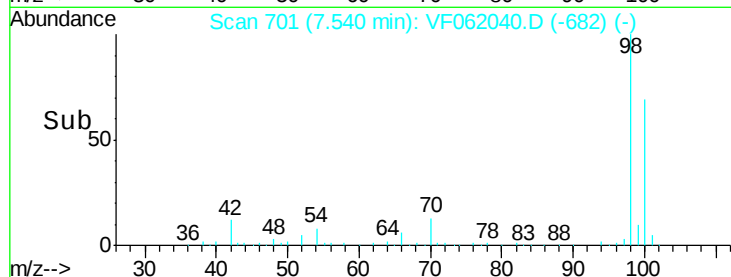
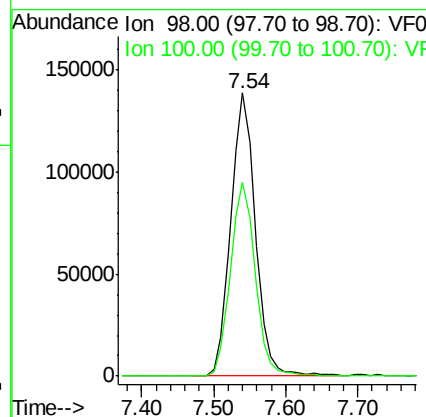
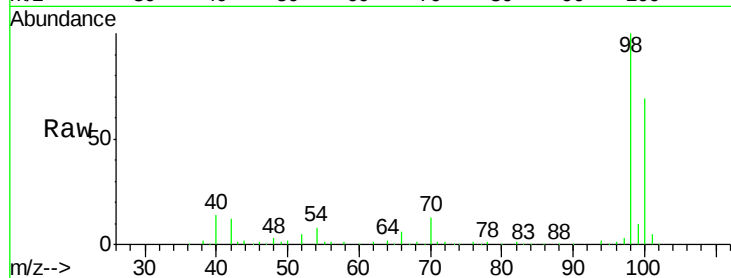
#50
Toluene-d8
Concen: 57.965 ug/l
RT: 7.54 min Scan# 701
Delta R.T. -0.01 min
Lab File: VF062040.D
Acq: 20 Mar 2019 15:13

Instrument :
MSVOA_F
ClientSampleId :
SB-10(1-2)-031519

Tot Ion: 98 Resp: 331206
Ion Ratio Lower Upper
98 100
100 68.5 56.8 85.2

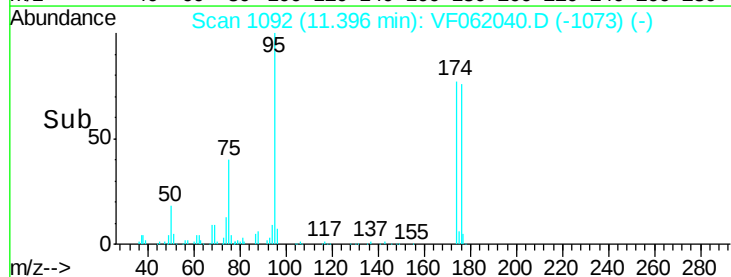
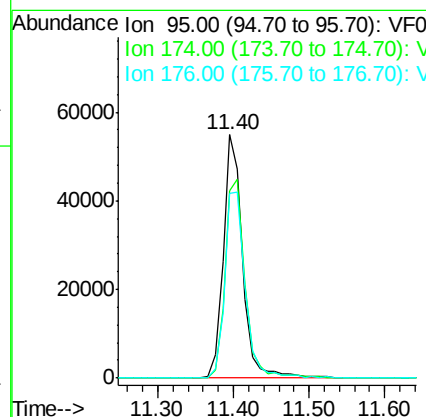
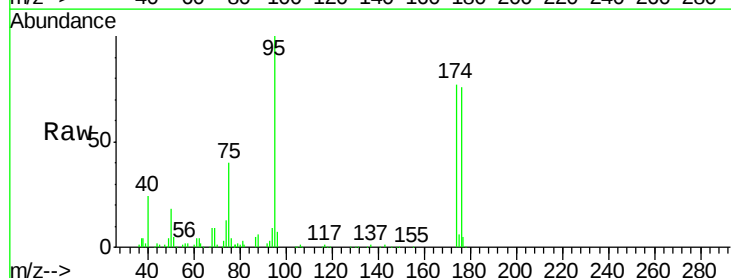
Manual Integrations
APPROVED

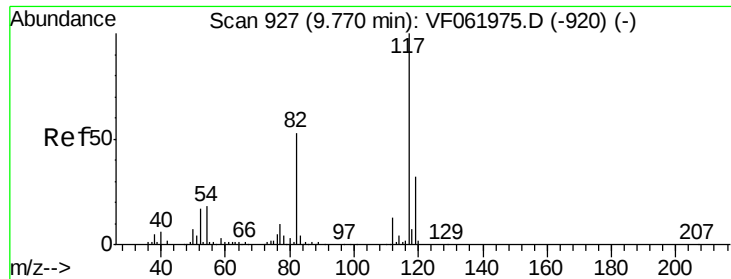
MMDadoda
3/22/2019 4:51:56 PM



#62
4-Bromofluorobenzene
Concen: 43.324 ug/l
RT: 11.40 min Scan# 1092
Delta R.T. -0.01 min
Lab File: VF062040.D
Acq: 20 Mar 2019 15:13

Tgt Ion: 95 Resp: 98343
Ion Ratio Lower Upper
95 100
174 76.9 0.0 149.4
176 75.7 0.0 143.4





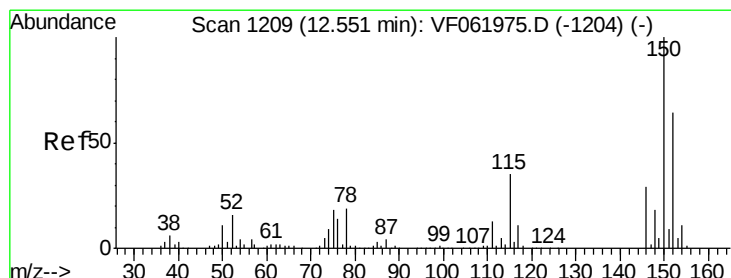
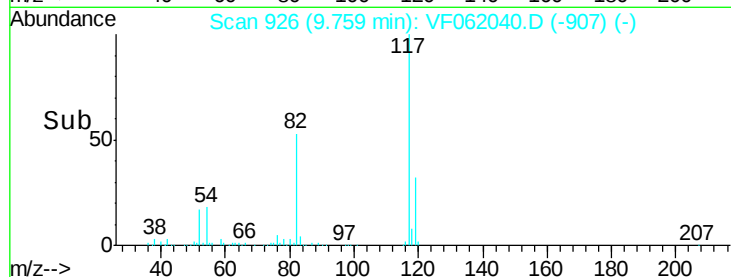
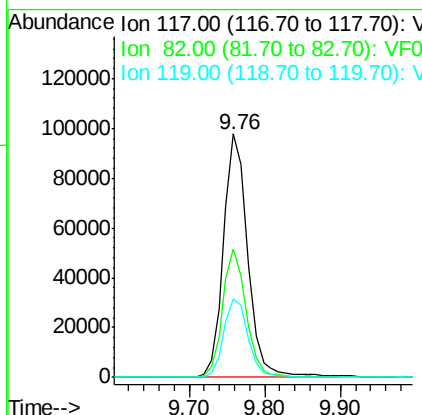
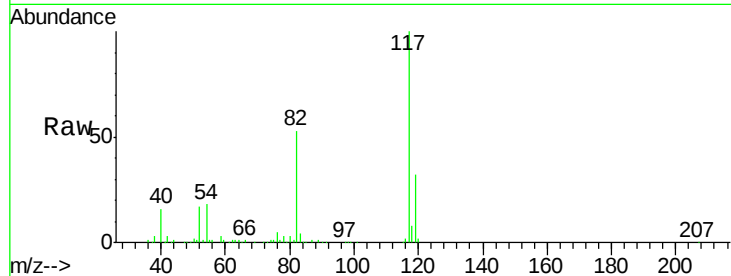
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.76 min Scan# 926
Delta R.T. -0.01 min
Lab File: VF062040.D
Acq: 20 Mar 2019 15:13

Instrument :
MSVOA_F
ClientSampleId :
SB-10(1-2)-031519

Tot Ion	Ratio	Lower	Upper
117	100		
82	53.0	42.5	63.7
119	32.4	25.4	38.0

Manual Integrations
APPROVED

MMDadoda
3/22/2019 4:51:56 PM



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.54 min Scan# 1208
Delta R.T. -0.01 min
Lab File: VF062040.D
Acq: 20 Mar 2019 15:13

Tgt Ion	Ratio	Lower	Upper
152	100		
115	53.3	27.3	81.9
150	152.5	0.0	316.2

