Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF031219\
Data File : VF061917.D
Acq On : 12 Mar 2019 20:59
Operator : VA/AP
Sample : K1866-13
Misc : 5.87g/5mL/MSVOA-F/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :
MR-MH-13-COMP

Manual Integrations APPROVED
MMDadoda
3/13/2019 4:42:05 PM

Quant Time: Mar 13 03:18:32 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F030419S.M
Quant Title : SW846 8260
QLast Update : Tue Mar 05 04:50:44 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.85	168	272912	50.00	ug/l	-0.03
34) 1,4-Difluorobenzene	5.58	114	428730	50.00	ug/l	-0.03
63) Chlorobenzene-d5	9.75	117	359523	50.00	ug/l	-0.03
72) 1,4-Dichlorobenzene-d4	12.54	152	212504	50.00	ug/l	-0.02
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.82	65	116433	58.58	ug/l	-0.03
Spiked Amount 50.000			Recovery =	117.16%		
35) Dibromofluoromethane	4.09	113	159561	53.33	ug/l	-0.03
Spiked Amount 50.000			Recovery =	106.66%		
50) Toluene-d8	7.54	98	421348	47.38	ug/l	-0.03
Spiked Amount 50.000			Recovery =	94.76%		
62) 4-Bromofluorobenzene	11.40	95	183069	52.55	ug/l	-0.02
Spiked Amount 50.000			Recovery =	105.10%		
Target Compounds						Qvalue
16) Acetone	2.22	43	10477	25.166	ug/l	98
20) Methylene Chloride	2.17	84	18385m	2.999	ug/l	

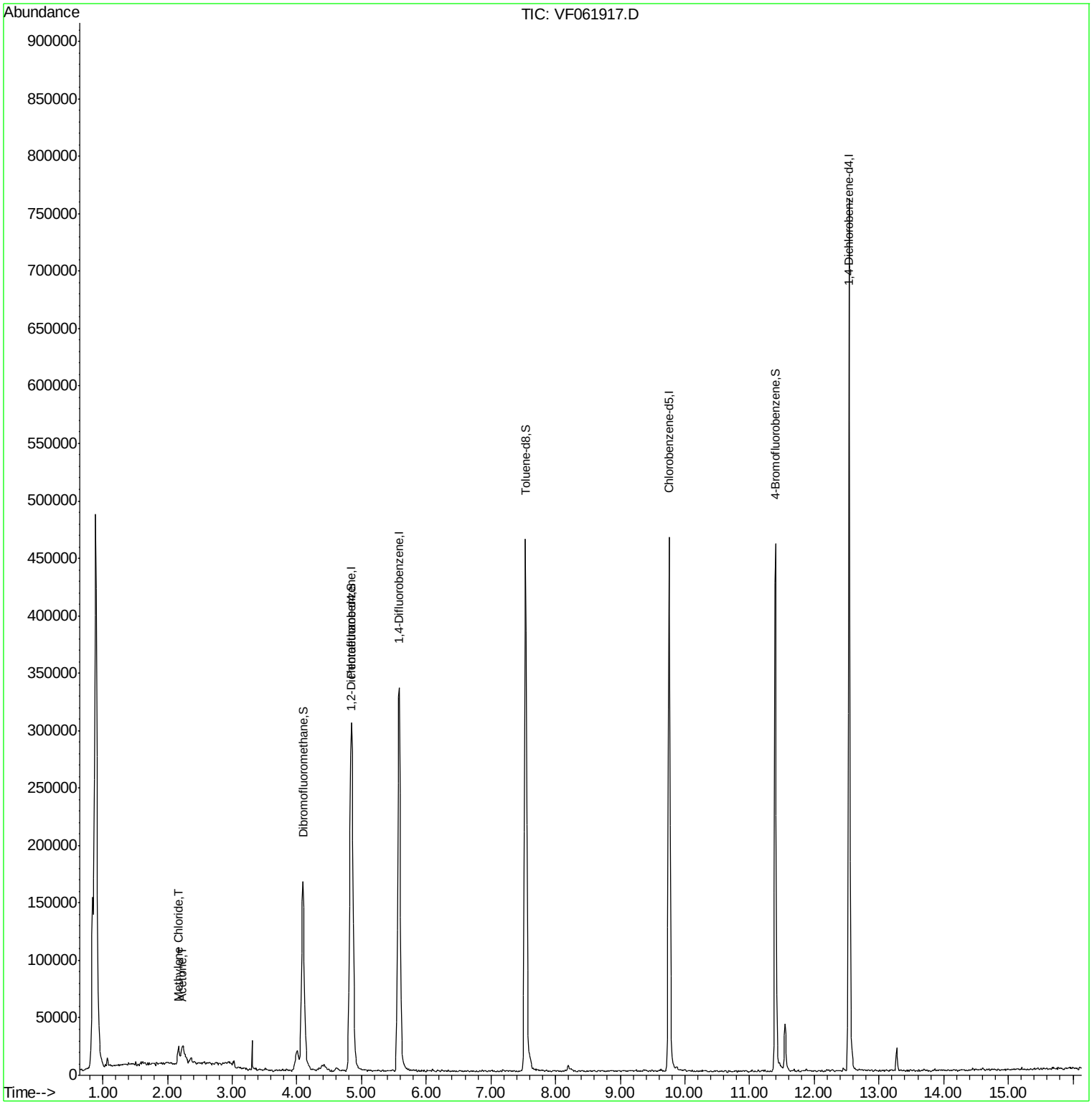
(#) = qualifier out of range (m) = manual integration (+) = signals summed

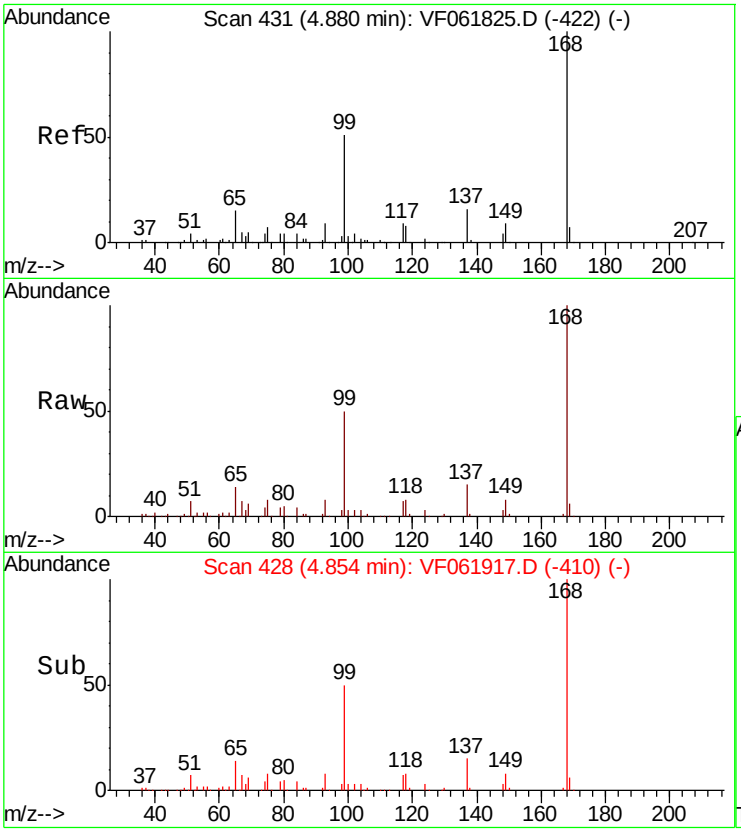
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF031219\
Data File : VF061917.D
Acq On : 12 Mar 2019 20:59
Operator : VA/AP
Sample : K1866-13
Misc : 5.87g/5mL/MSVOA-F/SOIL
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Mar 13 03:18:32 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F030419S.M
Quant Title : SW846 8260
QLast Update : Tue Mar 05 04:50:44 2019
Response via : Initial Calibration

Instrument :
MSVOA_F
ClientSampleId :
MR-MH-13-COMP

Manual Integrations APPROVED
MMDadoda
3/13/2019 4:42:05 PM

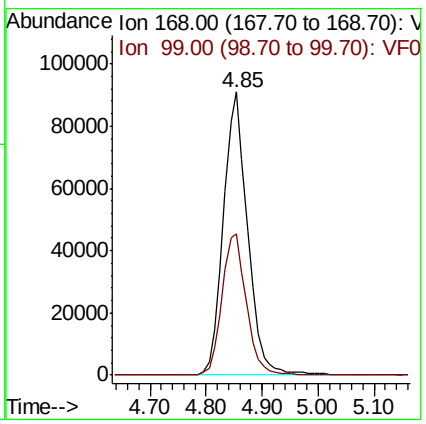




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 4.85 min Scan# 428
Delta R.T. -0.03 min
Lab File: VF061917.D
Acq: 12 Mar 2019 20:59

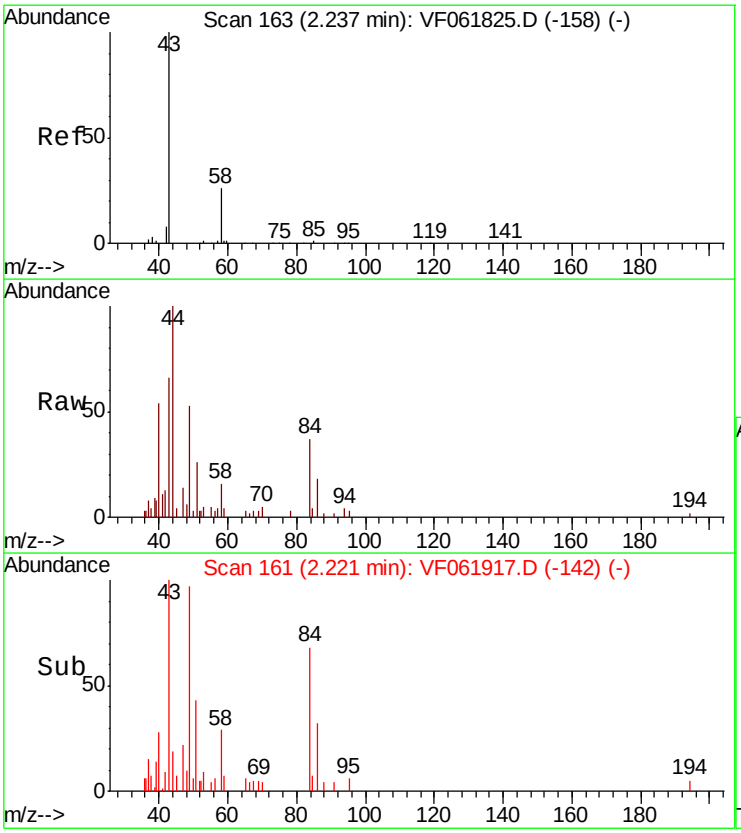
Tgt Ion:168 Resp: 272912

Ion	Ratio	Lower	Upper
168	100		
99	49.7	40.8	61.2



Instrument :
MSVOA_F
ClientSampleId :
MR-MH-13-COMP

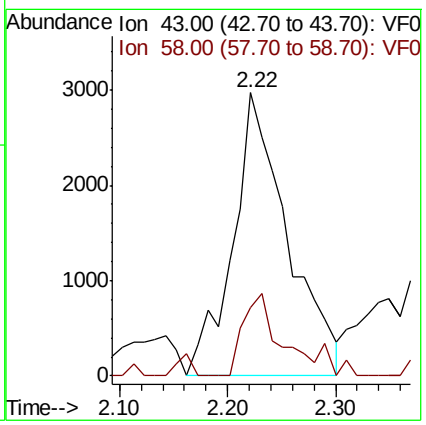
Manual Integrations APPROVED
MMDadoda
3/13/2019 4:42:05 PM

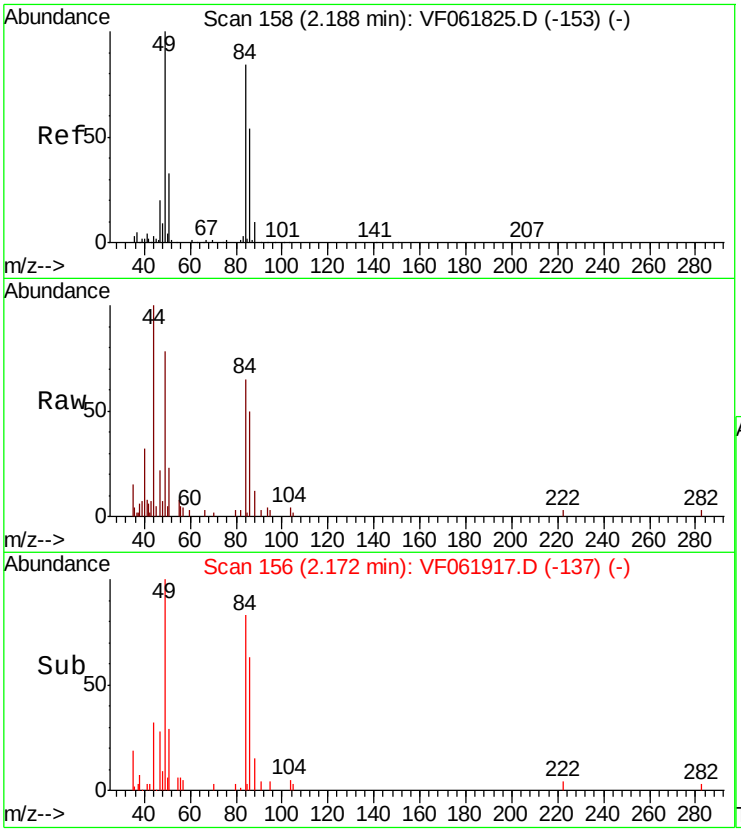


#16
Acetone
Concen: 25.166 ug/l
RT: 2.22 min Scan# 161
Delta R.T. -0.02 min
Lab File: VF061917.D
Acq: 12 Mar 2019 20:59

Tgt Ion: 43 Resp: 10477

Ion	Ratio	Lower	Upper
43	100		
58	24.2	20.3	30.5

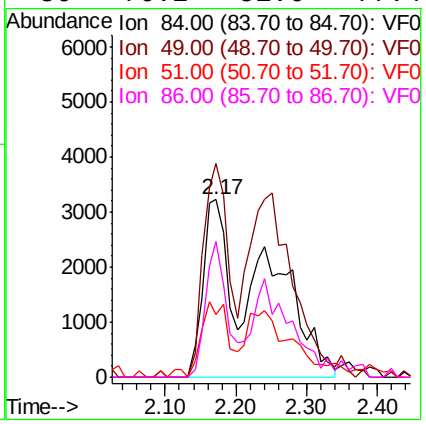




#20
Methylene Chloride
Concen: 2.999 ug/l m
RT: 2.17 min Scan# 156
Delta R.T. -0.01 min
Lab File: VF061917.D
Acq: 12 Mar 2019 20:59

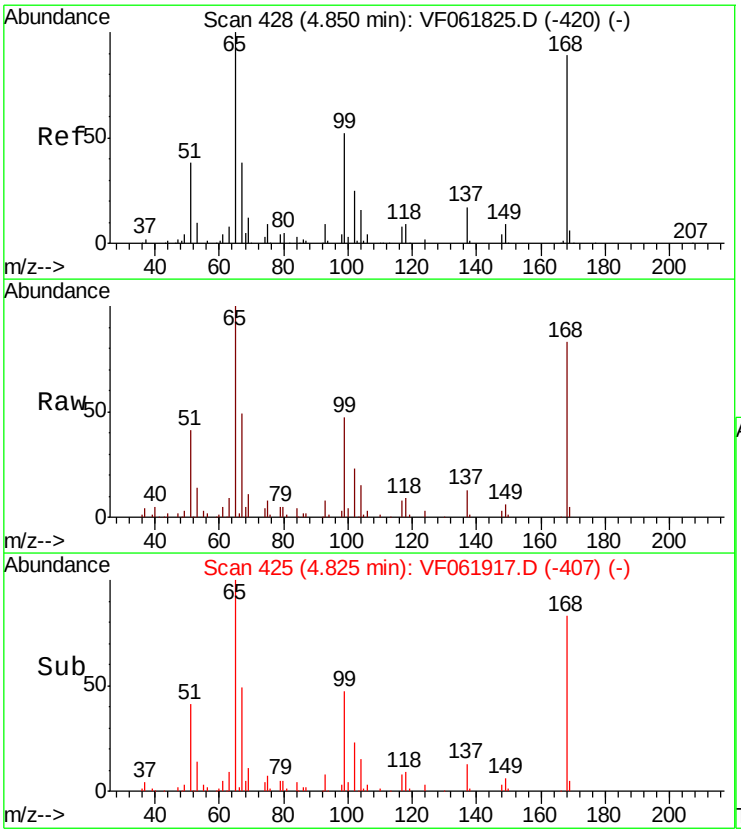
Tgt Ion: 84 Resp: 18385

Ion	Ratio	Lower	Upper
84	100		
49	120.4	96.8	145.2
51	35.3	31.8	47.6
86	76.2	51.6	77.4



Instrument :
MSVOA_F
ClientSampleId :
MR-MH-13-COMP

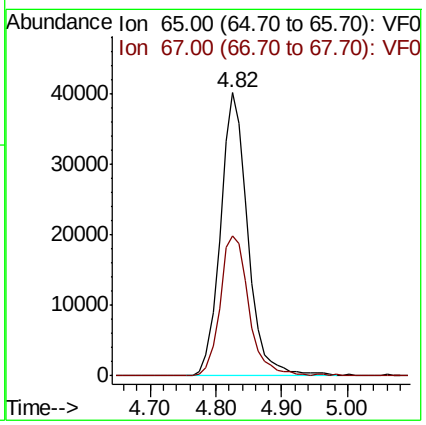
Manual Integrations APPROVED
MMDadoda
3/13/2019 4:42:05 PM

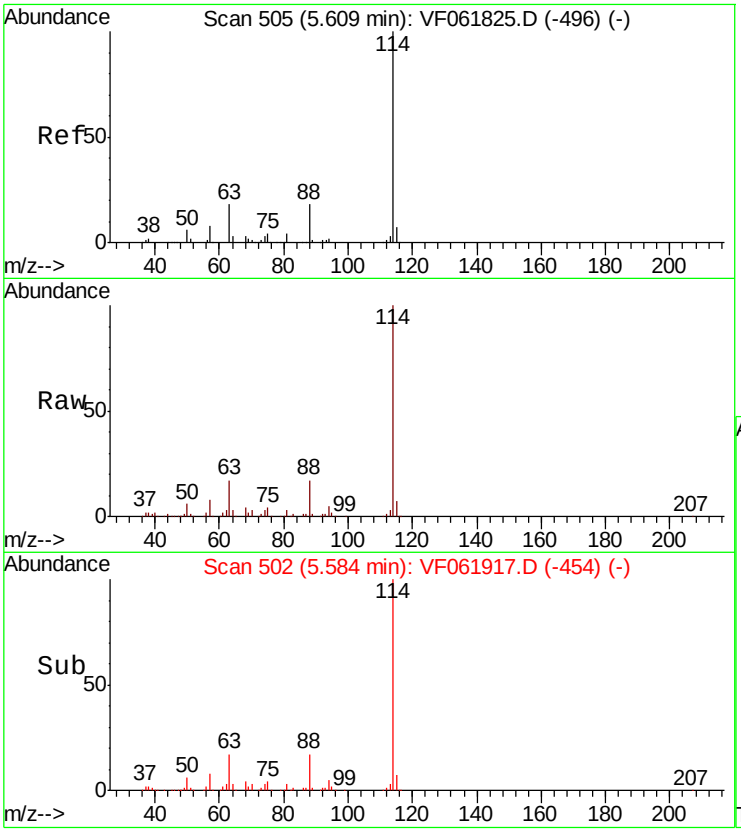


#33
1,2-Dichloroethane-d4
Concen: 58.584 ug/l
RT: 4.82 min Scan# 425
Delta R.T. -0.03 min
Lab File: VF061917.D
Acq: 12 Mar 2019 20:59

Tgt Ion: 65 Resp: 116433

Ion	Ratio	Lower	Upper
65	100		
67	49.3	0.0	108.6

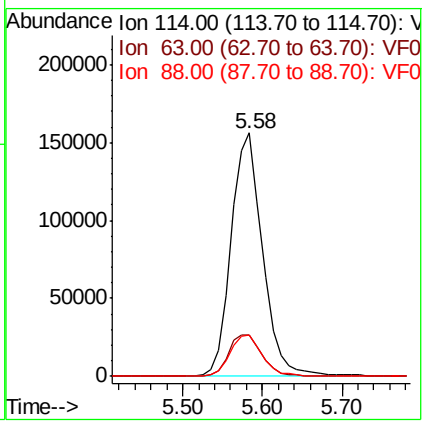




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.58 min Scan# 502
Delta R.T. -0.03 min
Lab File: VF061917.D
Acq: 12 Mar 2019 20:59

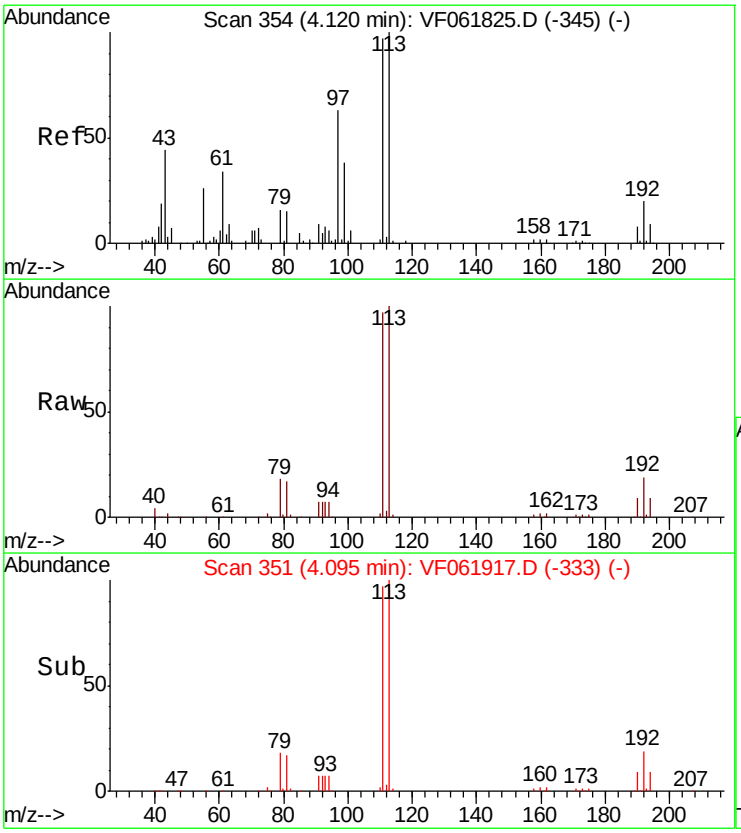
Tgt Ion:114 Resp: 428730

Ion	Ratio	Lower	Upper
114	100		
63	17.2	0.0	35.6
88	16.8	0.0	35.6



Instrument :
MSVOA_F
ClientSampleId :
MR-MH-13-COMP

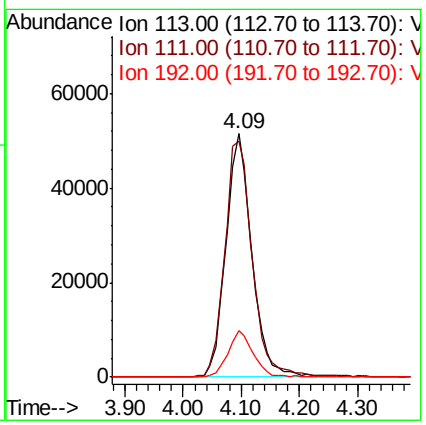
Manual Integrations APPROVED
MMDadoda
3/13/2019 4:42:05 PM

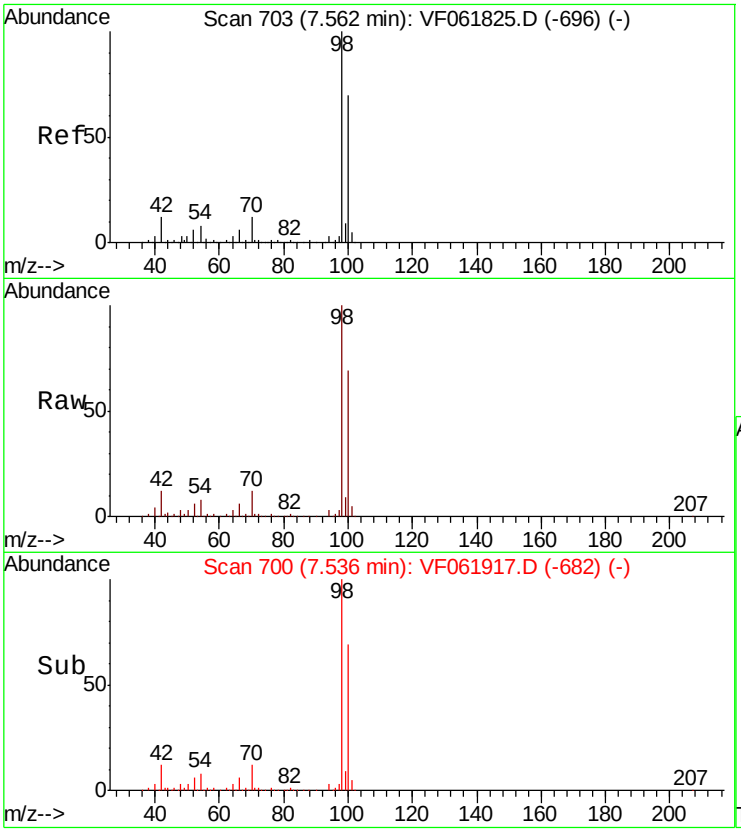


#35
Dibromofluoromethane
Concen: 53.330 ug/l
RT: 4.09 min Scan# 351
Delta R.T. -0.03 min
Lab File: VF061917.D
Acq: 12 Mar 2019 20:59

Tgt Ion:113 Resp: 159561

Ion	Ratio	Lower	Upper
113	100		
111	97.1	77.6	116.4
192	19.1	15.9	23.9

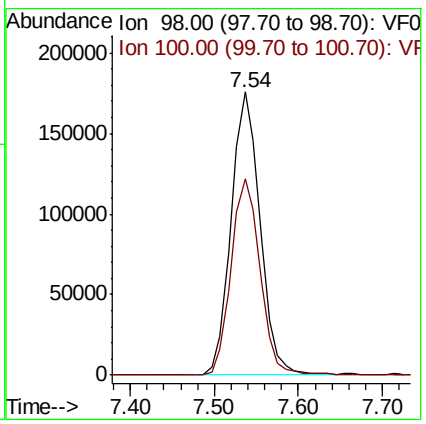




#50
Toluene-d8
Concen: 47.380 ug/l
RT: 7.54 min Scan# 700
Delta R.T. -0.03 min
Lab File: VF061917.D
Acq: 12 Mar 2019 20:59

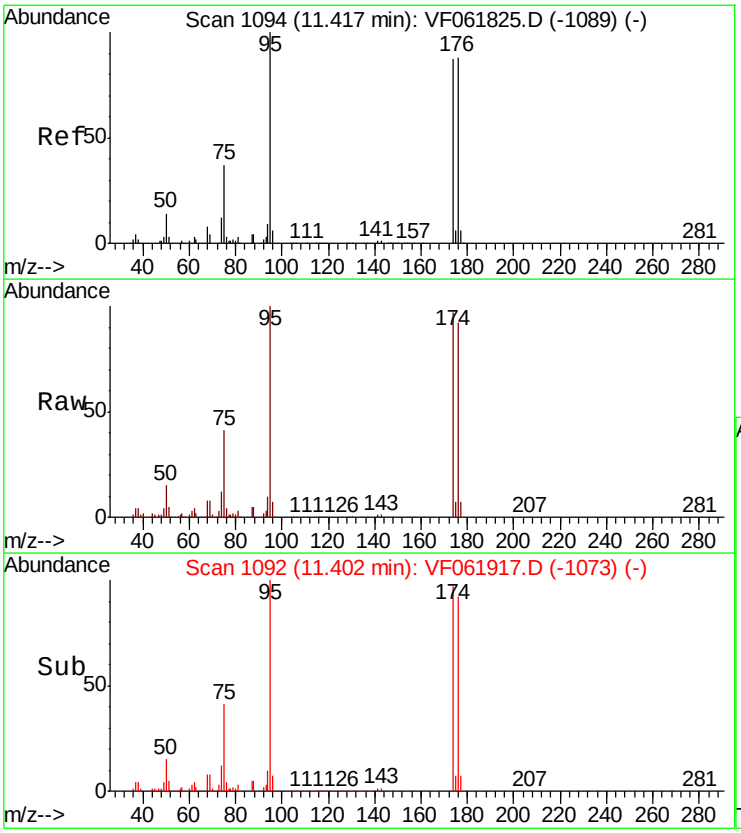
Tgt Ion: 98 Resp: 421348

Ion	Ratio	Lower	Upper
98	100		
100	69.2	56.0	84.0



Instrument :
MSVOA_F
ClientSampleId :
MR-MH-13-COMP

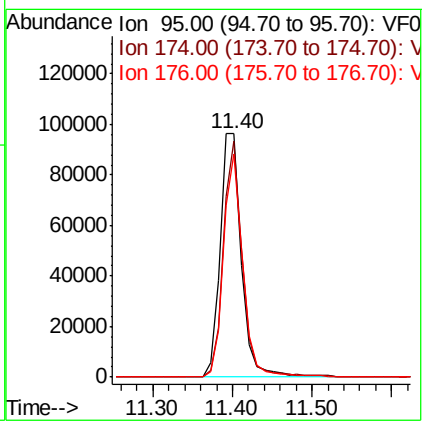
Manual Integrations APPROVED
MMDadoda
3/13/2019 4:42:05 PM

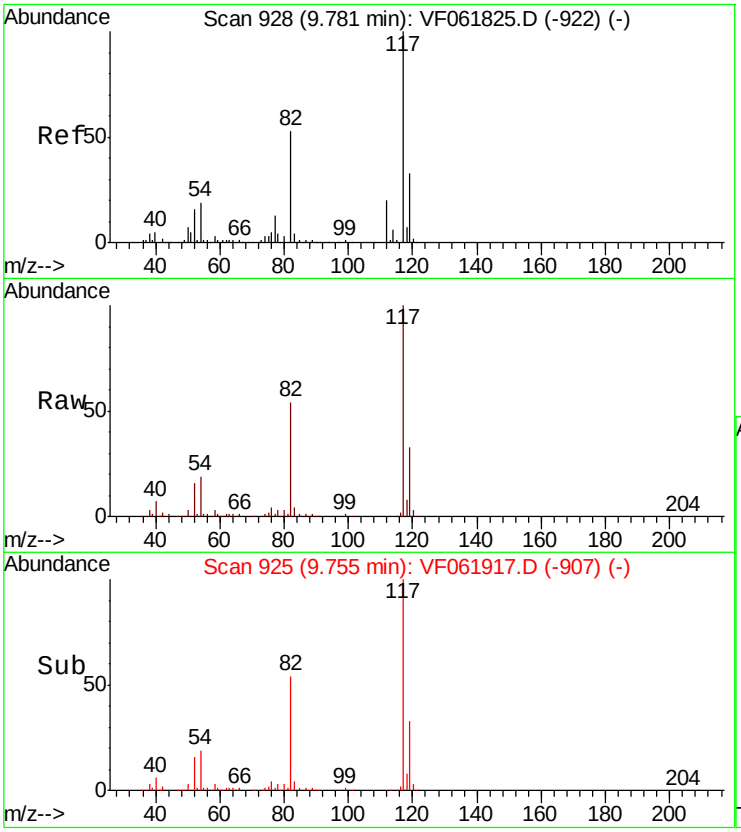


#62
4-Bromofluorobenzene
Concen: 52.551 ug/l
RT: 11.40 min Scan# 1092
Delta R.T. -0.02 min
Lab File: VF061917.D
Acq: 12 Mar 2019 20:59

Tgt Ion: 95 Resp: 183069

Ion	Ratio	Lower	Upper
95	100		
174	96.8	0.0	174.0
176	91.7	0.0	175.2

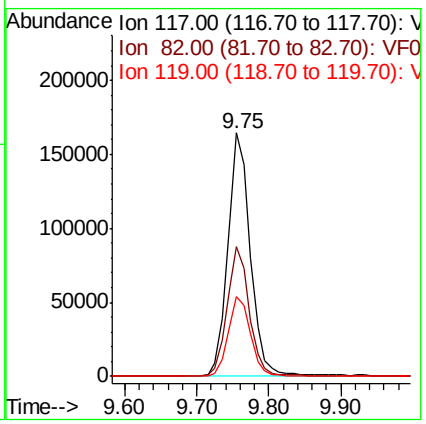




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.75 min Scan# 925
Delta R.T. -0.03 min
Lab File: VF061917.D
Acq: 12 Mar 2019 20:59

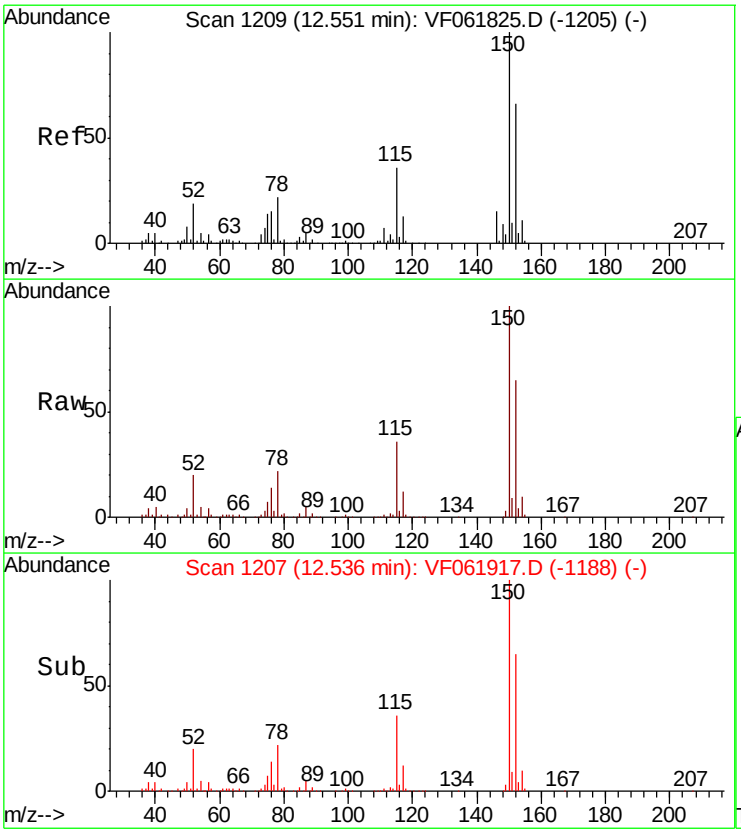
Tgt Ion:117 Resp: 359523

Ion	Ratio	Lower	Upper
117	100		
82	53.5	42.6	63.8
119	32.8	26.0	39.0



Instrument :
MSVOA_F
ClientSampleId :
MR-MH-13-COMP

Manual Integrations APPROVED
MMDadoda
3/13/2019 4:42:05 PM



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.54 min Scan# 1207
Delta R.T. -0.02 min
Lab File: VF061917.D
Acq: 12 Mar 2019 20:59

Tgt Ion:152 Resp: 212504

Ion	Ratio	Lower	Upper
152	100		
115	55.0	27.7	83.1
150	153.2	0.0	304.2