Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF031219\
Data File : VF061922.D
Acq On : 12 Mar 2019 23:23
Operator : VA/AP
Sample : K1866-05
Misc : 6.90g/5mL/MSVOA-F/SOIL
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :
MR-MH-02-COMP

Manual Integrations APPROVED
MMDadoda
3/13/2019 4:42:27 PM

Quant Time: Mar 13 03:36:55 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	281242	50.00	ug/l	-0.03
34) 1,4-Difluorobenzene	5.58	114	432561	50.00	ug/l	-0.03
63) Chlorobenzene-d5	9.76	117	377740	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	12.54	152	205318	50.00	ug/l	-0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.83	65	137321	67.05	ug/l	-0.02
Spiked Amount 50.000			Recovery =	134.10%		
35) Dibromofluoromethane	4.10	113	169226	56.06	ug/l	-0.02
Spiked Amount 50.000			Recovery =	112.12%		
50) Toluene-d8	7.53	98	434601	48.44	ug/l	-0.03
Spiked Amount 50.000			Recovery =	96.88%		
62) 4-Bromofluorobenzene	11.40	95	194961	55.47	ug/l	-0.02
Spiked Amount 50.000			Recovery =	110.94%		
Target Compounds						Qvalue
16) Acetone	2.23	43	16631	38.765	ug/l	96
20) Methylene Chloride	2.25	84	18998m	3.024	ug/l	

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

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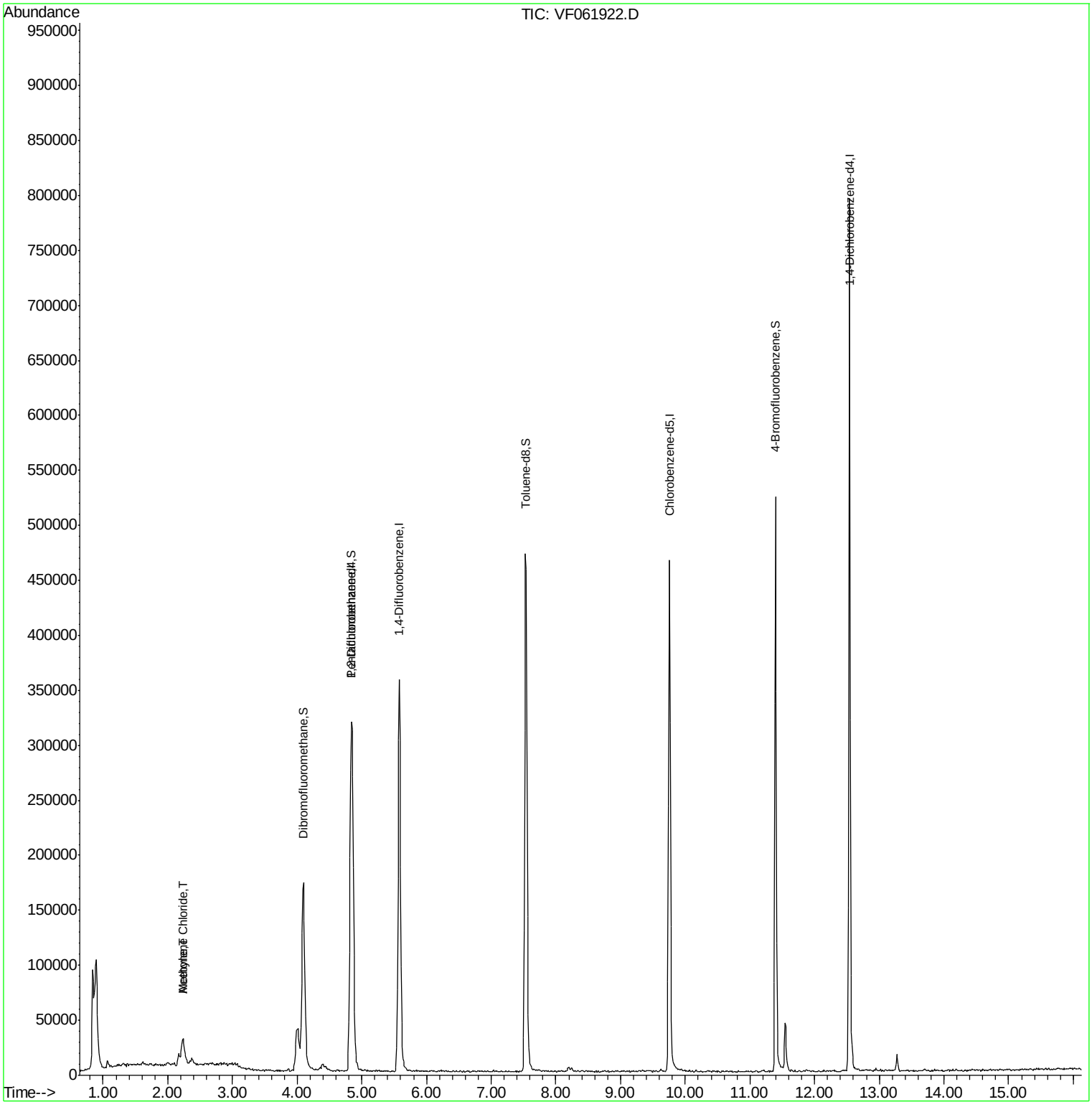
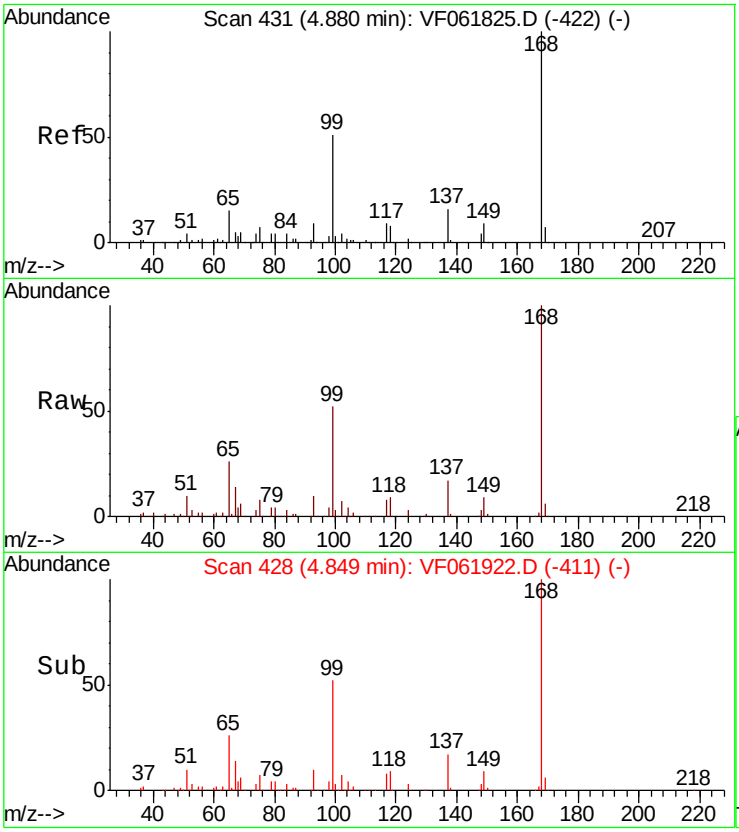
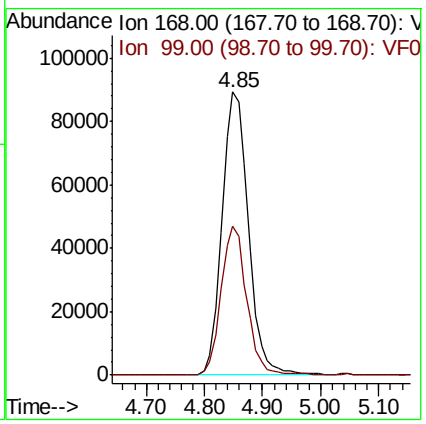




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 4.85 min Scan# 428
Delta R.T. -0.03 min
Lab File: VF061922.D
Acq: 12 Mar 2019 23:23

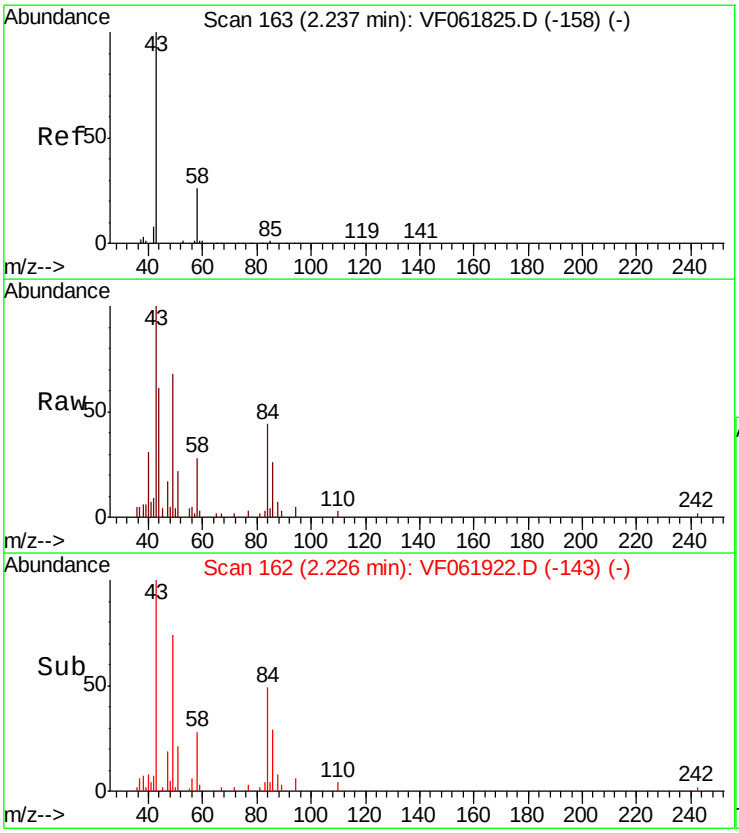
Tgt Ion:168 Resp: 281242

Ion	Ratio	Lower	Upper
168	100		
99	52.5	40.8	61.2



Instrument :
MSVOA_F
ClientSampleId :
MR-MH-02-COMP

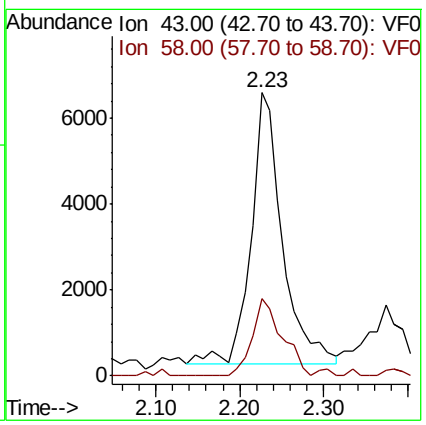
Manual Integrations APPROVED
MMDadoda
3/13/2019 4:42:27 PM

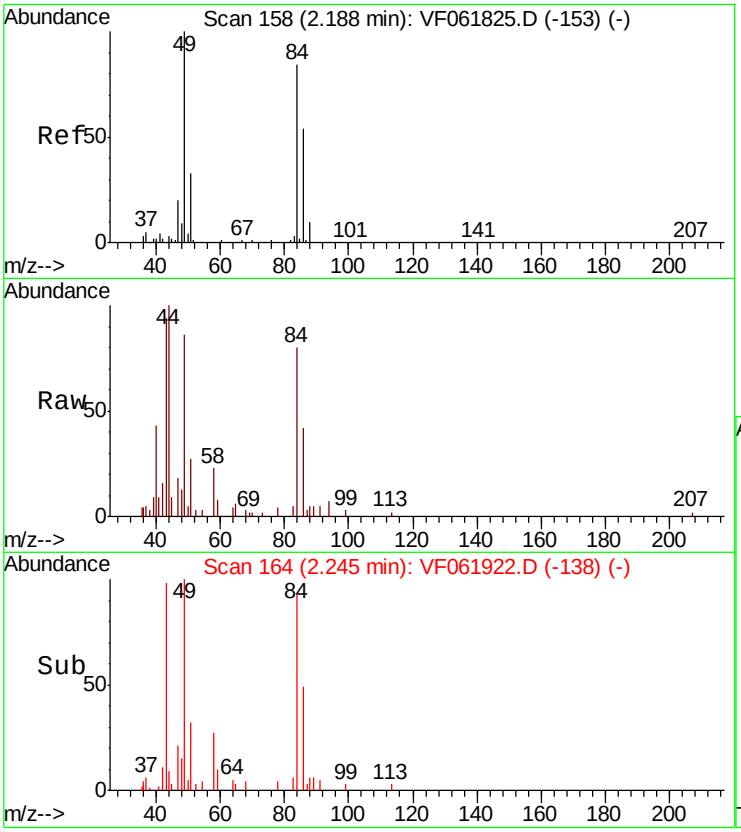


#16
Acetone
Concen: 38.765 ug/l
RT: 2.23 min Scan# 162
Delta R.T. -0.01 min
Lab File: VF061922.D
Acq: 12 Mar 2019 23:23

Tgt Ion: 43 Resp: 16631

Ion	Ratio	Lower	Upper
43	100		
58	27.5	20.3	30.5

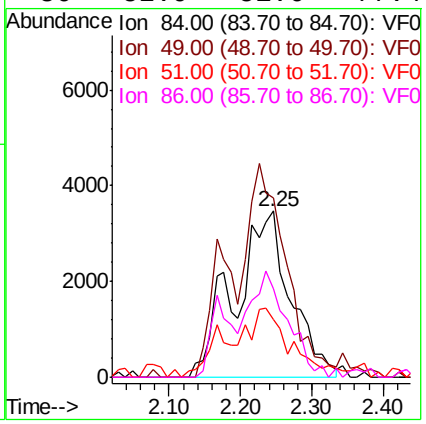




#20
Methylene Chloride
Concen: 3.024 ug/l m
RT: 2.25 min Scan# 164
Delta R.T. 0.06 min
Lab File: VF061922.D
Acq: 12 Mar 2019 23:23

Tgt Ion: 84 Resp: 18998

Ion	Ratio	Lower	Upper
84	100		
49	107.9	96.8	145.2
51	34.4	31.8	47.6
86	52.9	51.6	77.4



Instrument :
MSVOA_F
ClientSampleId :
MR-MH-02-COMP

Manual Integrations APPROVED
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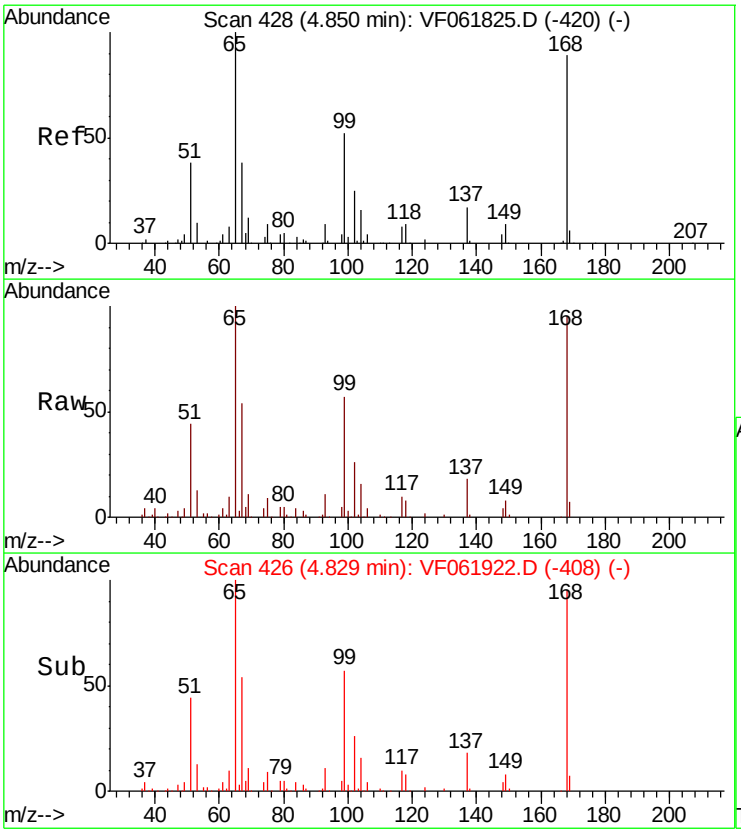
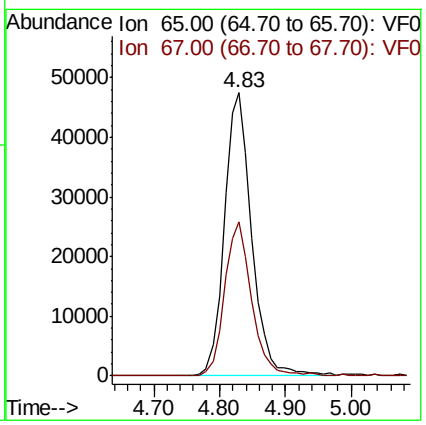
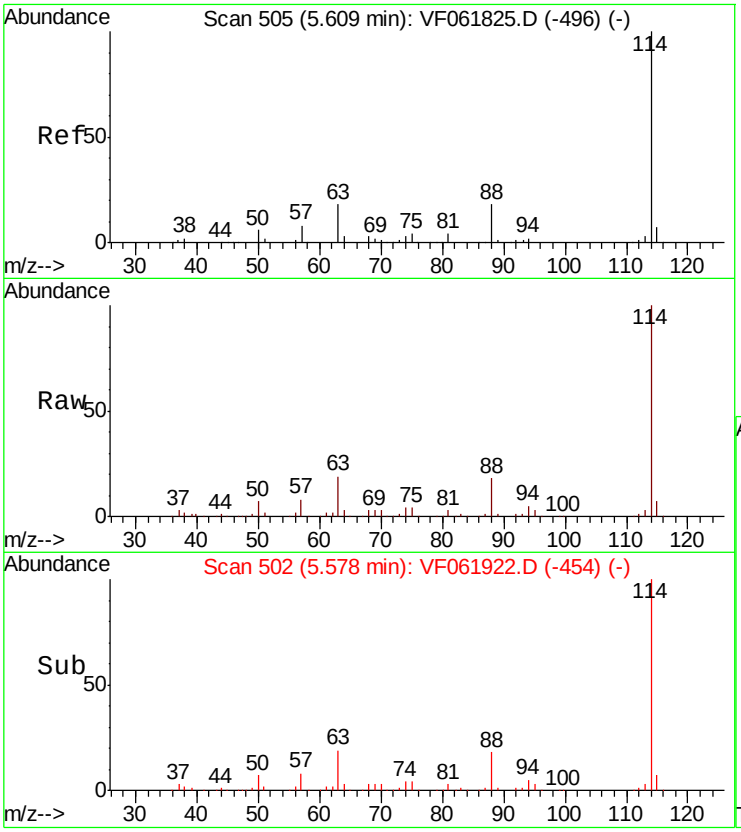


#33
1,2-Dichloroethane-d4
Concen: 67.047 ug/l
RT: 4.83 min Scan# 426
Delta R.T. -0.02 min
Lab File: VF061922.D
Acq: 12 Mar 2019 23:23

Tgt Ion: 65 Resp: 137321

Ion	Ratio	Lower	Upper
65	100		
67	54.5	0.0	108.6

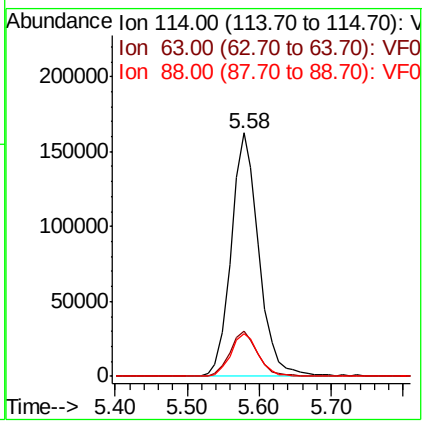




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.58 min Scan# 502
Delta R.T. -0.03 min
Lab File: VF061922.D
Acq: 12 Mar 2019 23:23

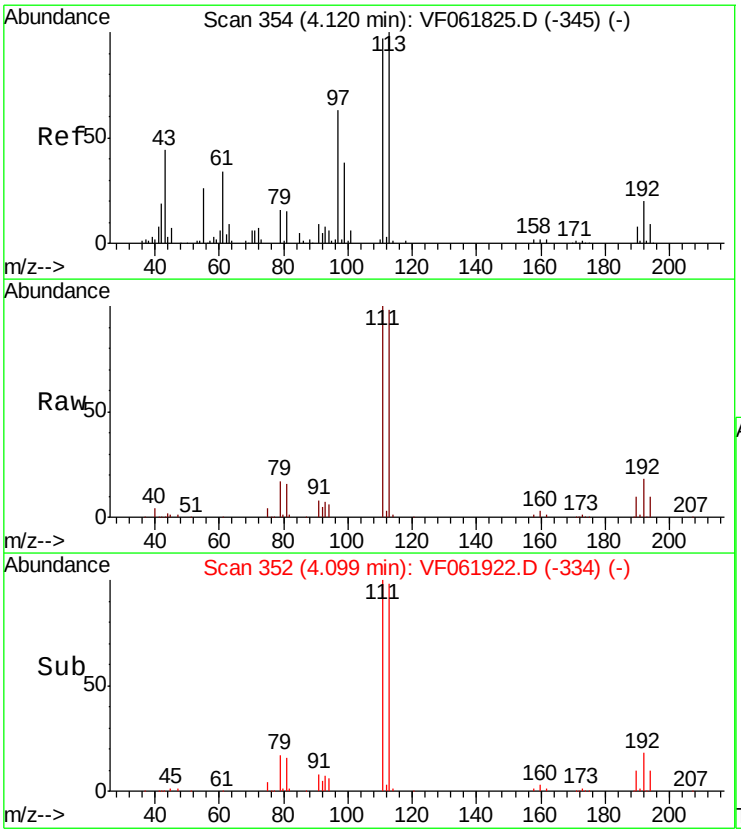
Tgt Ion:114 Resp: 432561

Ion	Ratio	Lower	Upper
114	100		
63	18.7	0.0	35.6
88	17.6	0.0	35.6



Instrument :
MSVOA_F
ClientSampleId :
MR-MH-02-COMP

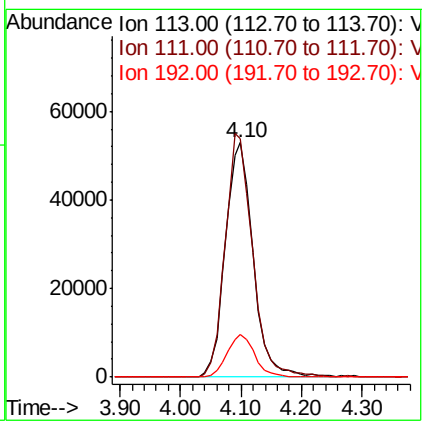
Manual Integrations APPROVED
MMDadoda
3/13/2019 4:42:27 PM

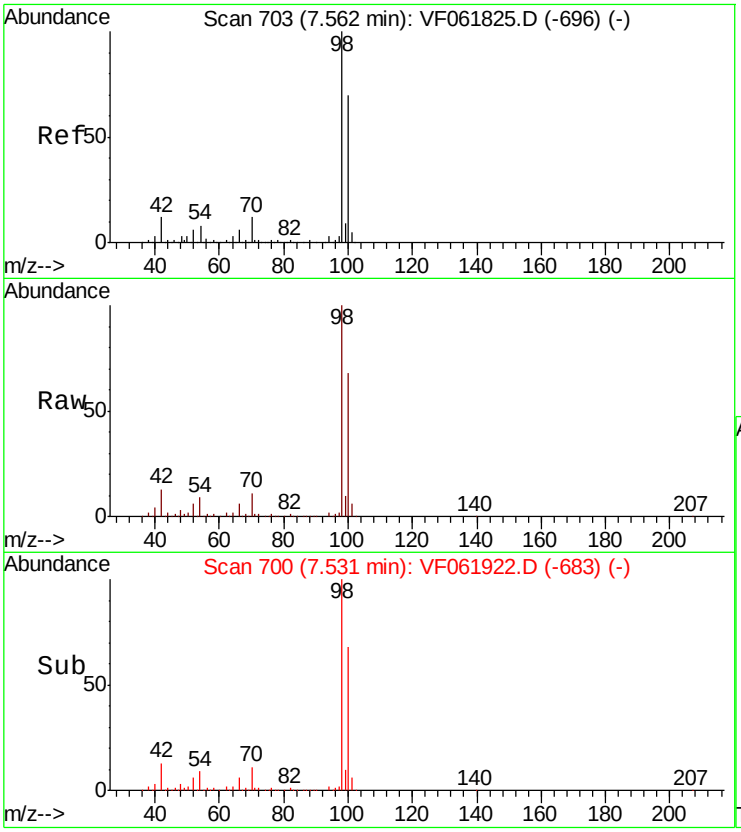


#35
Dibromofluoromethane
Concen: 56.059 ug/l
RT: 4.10 min Scan# 352
Delta R.T. -0.02 min
Lab File: VF061922.D
Acq: 12 Mar 2019 23:23

Tgt Ion:113 Resp: 169226

Ion	Ratio	Lower	Upper
113	100		
111	102.0	77.6	116.4
192	18.4	15.9	23.9

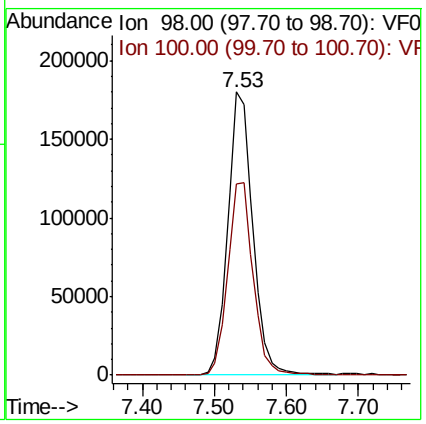




#50
Toluene-d8
Concen: 48.437 ug/l
RT: 7.53 min Scan# 700
Delta R.T. -0.03 min
Lab File: VF061922.D
Acq: 12 Mar 2019 23:23

Tgt Ion: 98 Resp: 434601

Ion	Ratio	Lower	Upper
98	100		
100	67.5	56.0	84.0



Instrument :
MSVOA_F
ClientSampleId :
MR-MH-02-COMP

Manual Integrations APPROVED
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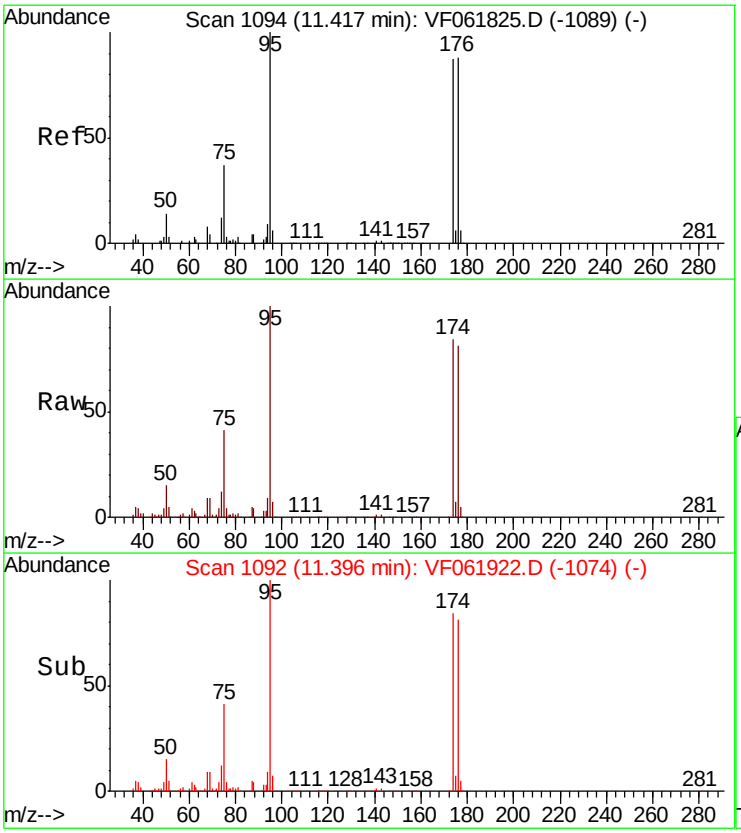
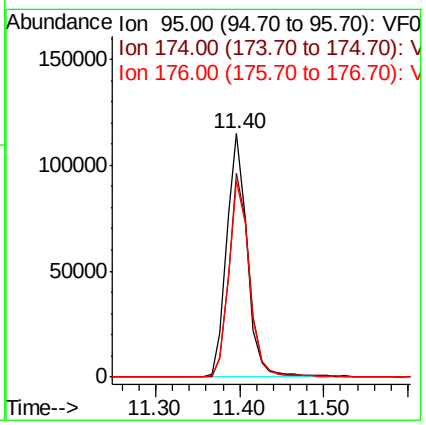
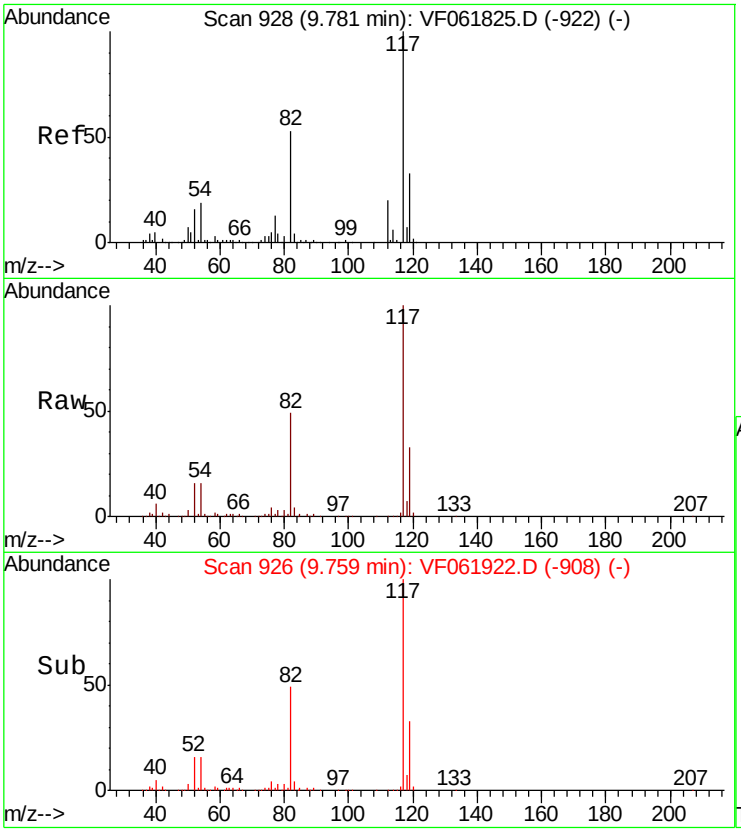


#62
4-Bromofluorobenzene
Concen: 55.469 ug/l
RT: 11.40 min Scan# 1092
Delta R.T. -0.02 min
Lab File: VF061922.D
Acq: 12 Mar 2019 23:23

Tgt Ion: 95 Resp: 194961

Ion	Ratio	Lower	Upper
95	100		
174	83.6	0.0	174.0
176	80.9	0.0	175.2

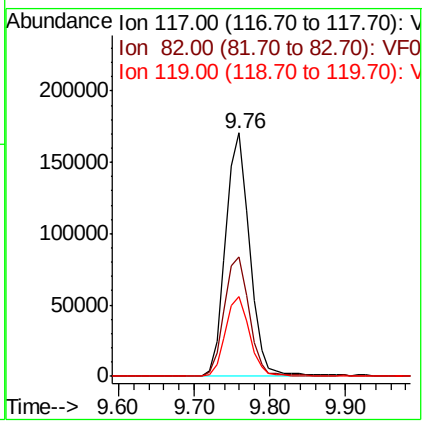




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.76 min Scan# 926
Delta R.T. -0.02 min
Lab File: VF061922.D
Acq: 12 Mar 2019 23:23

Tgt Ion:117 Resp: 377740

Ion	Ratio	Lower	Upper
117	100		
82	49.2	42.6	63.8
119	32.9	26.0	39.0



Instrument :
MSVOA_F
ClientSampleId :
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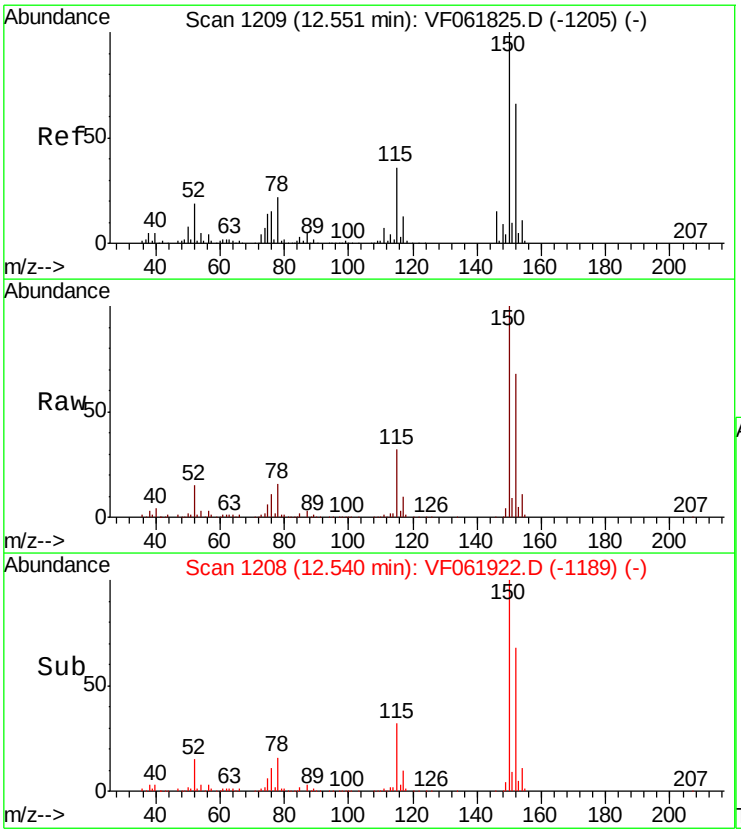

#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.54 min Scan# 1208
Delta R.T. -0.01 min
Lab File: VF061922.D
Acq: 12 Mar 2019 23:23

Tgt Ion:152 Resp: 205318

Ion	Ratio	Lower	Upper
152	100		
115	46.8	27.7	83.1
150	148.1	0.0	304.2