Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF121918\
Data File : VF061090.D
Acq On : 19 Dec 2018 17:40
Operator : VA/AP
Sample : J6388-12
Misc : 4.79g/5mL/MSVOA-F/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :
P001-SS010-1218-01

Manual Integrations APPROVED
apatel
12/20/2018 10:29:40 AM

Quant Time: Dec 20 03:09:34 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F121918S.M
Quant Title : SW846 8260
QLast Update : Thu Dec 20 00:56:59 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.88	168	136812	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.60	114	229192	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.78	117	143045	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.55	152	39860	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.85	65	82793	47.05	ug/l	0.00
Spiked Amount 50.000			Recovery = 94.10%			
35) Dibromofluoromethane	4.12	113	88806	48.37	ug/l	0.00
Spiked Amount 50.000			Recovery = 96.74%			
50) Toluene-d8	7.55	98	170300	32.73	ug/l	0.00
Spiked Amount 50.000			Recovery = 65.46%			
62) 4-Bromofluorobenzene	11.41	95	47029	19.61	ug/l	0.00
Spiked Amount 50.000			Recovery = 39.22%			
Target Compounds						Qvalue
16) Acetone	2.23	43	33821	96.145	ug/l	95
20) Methylene Chloride	2.24	84	13181m	7.948	ug/l	
52) Toluene	7.63	92	4513	1.146	ug/l	98

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

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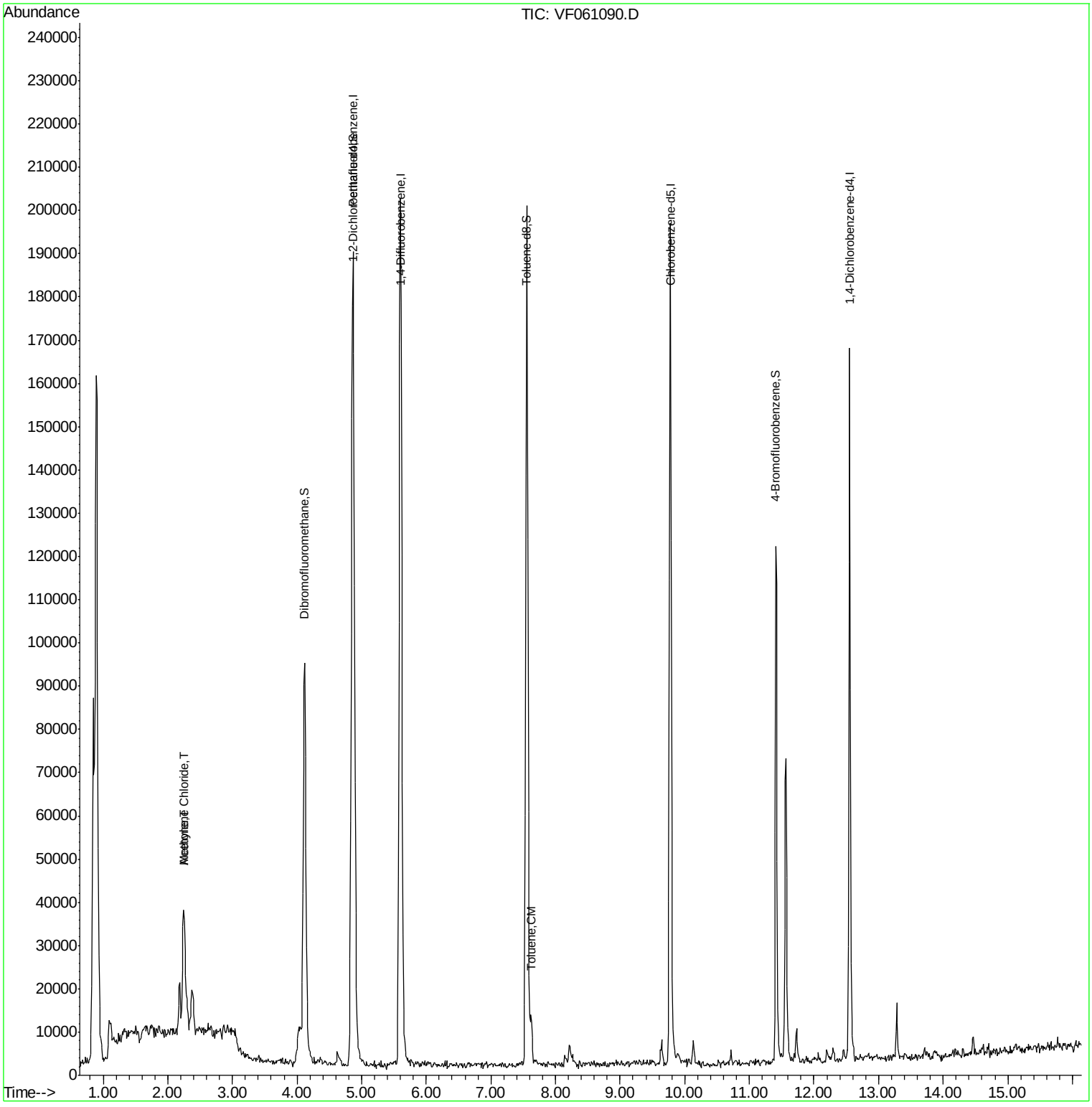
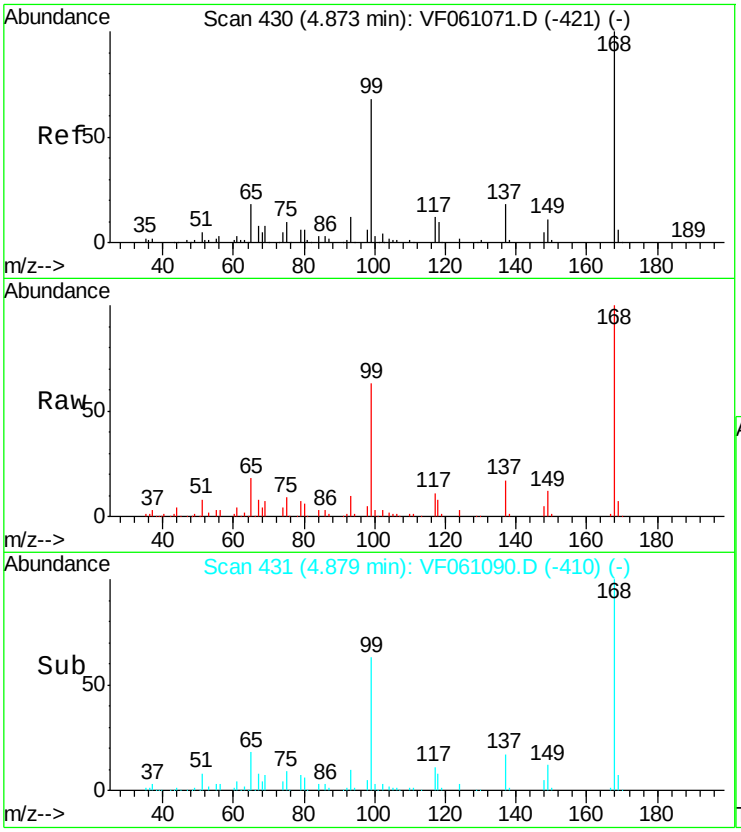
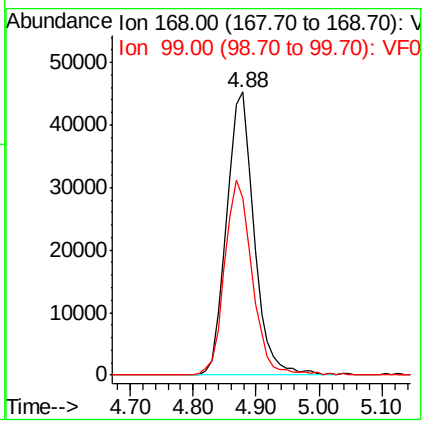




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 4.88 min Scan# 431
Delta R.T. 0.01 min
Lab File: VF061090.D
Acq: 19 Dec 2018 17:40

Tgt Ion:168 Resp: 136812

Ion	Ratio	Lower	Upper
168	100		
99	62.7	54.4	81.6



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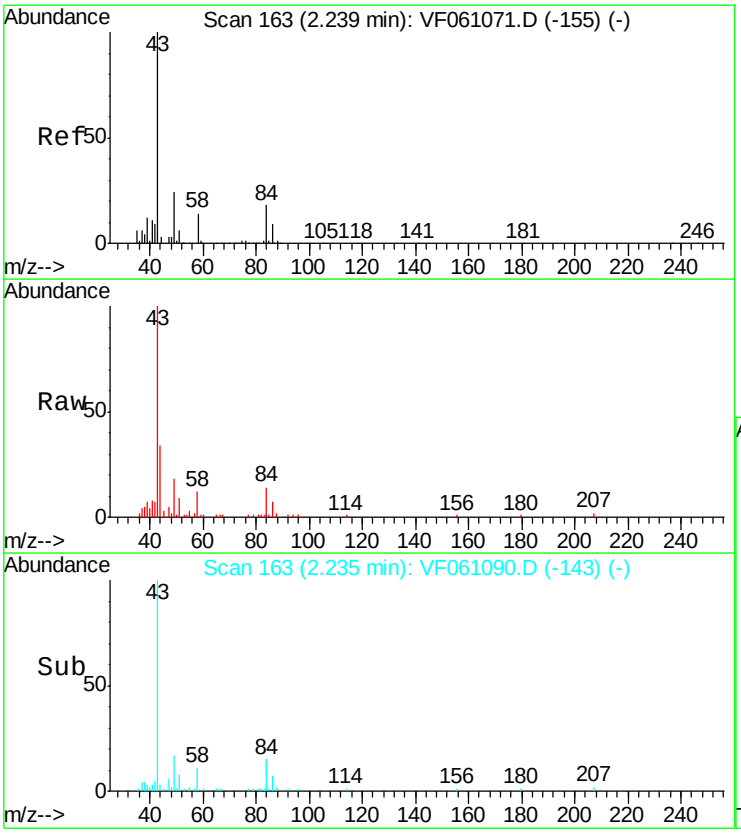
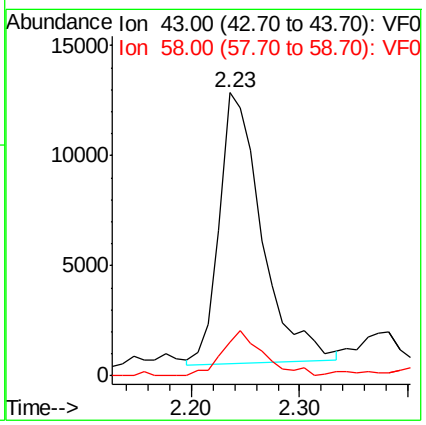
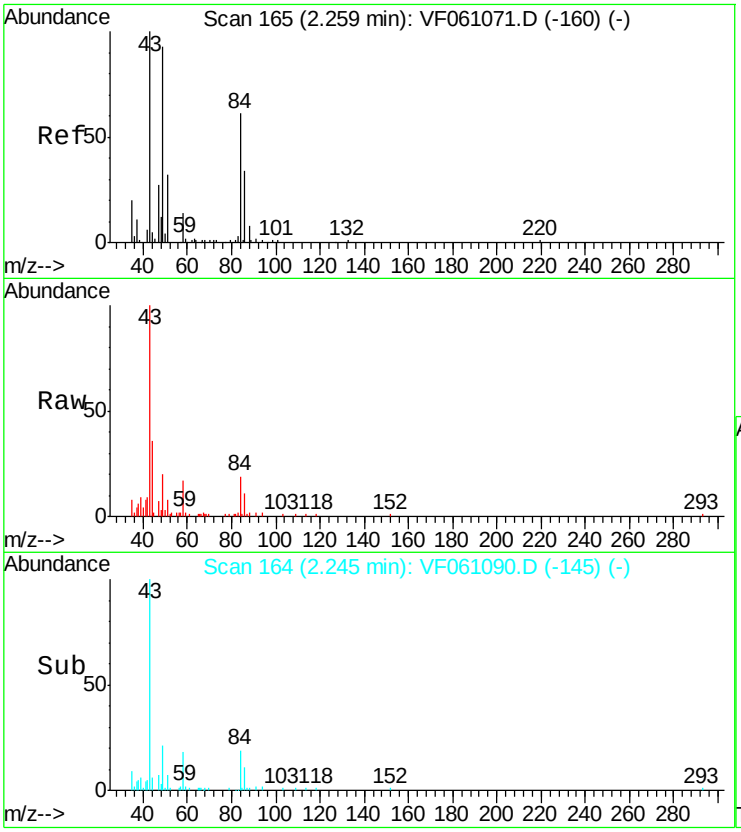


#16
Acetone
Concen: 96.145 ug/l
RT: 2.23 min Scan# 163
Delta R.T. -0.00 min
Lab File: VF061090.D
Acq: 19 Dec 2018 17:40

Tgt Ion: 43 Resp: 33821

Ion	Ratio	Lower	Upper
43	100		
58	11.9	11.1	16.7

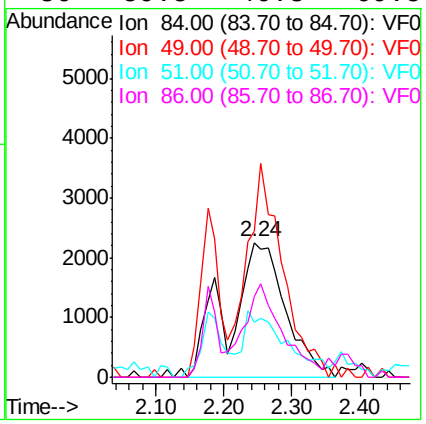




#20
Methylene Chloride
Concen: 7.948 ug/l m
RT: 2.24 min Scan# 164
Delta R.T. -0.01 min
Lab File: VF061090.D
Acq: 19 Dec 2018 17:40

Tgt Ion: 84 Resp: 13181

Ion	Ratio	Lower	Upper
84	100		
49	108.6	129.4	194.2#
51	40.6	44.0	66.0#
86	59.5	46.3	69.5



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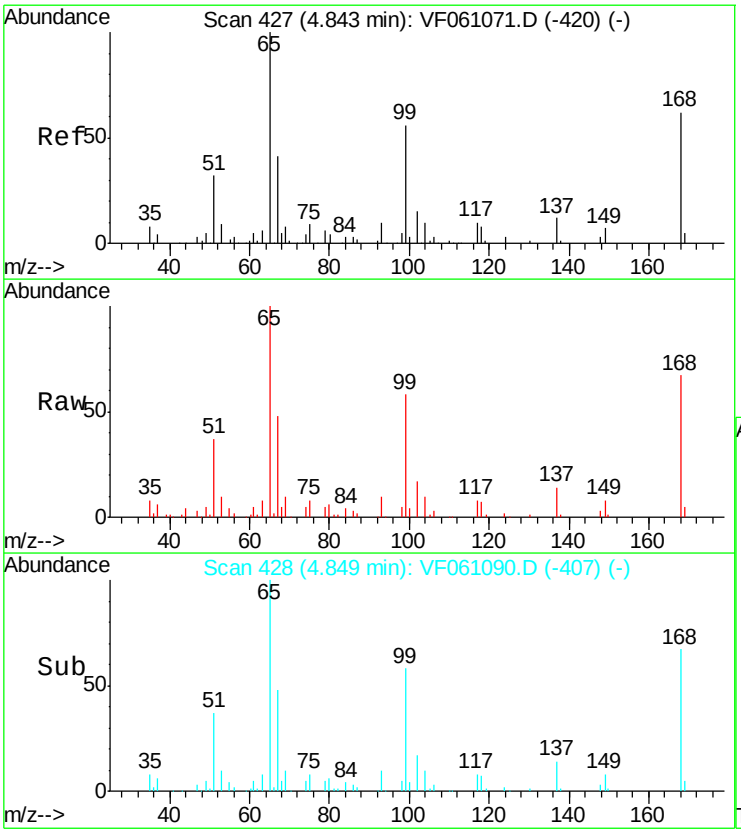
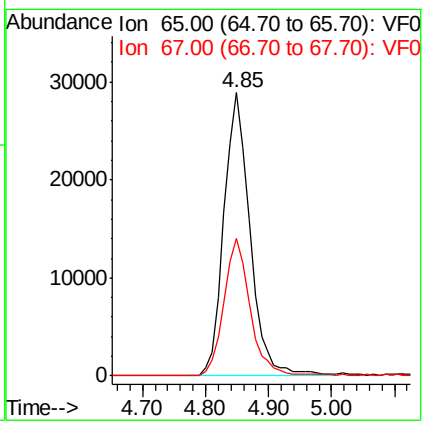
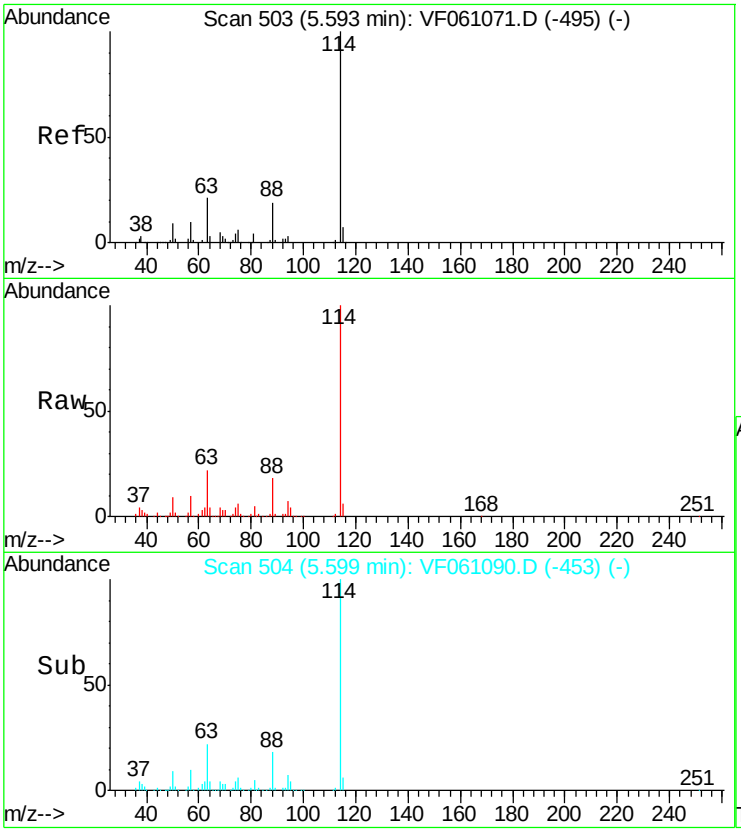


#33
1,2-Dichloroethane-d4
Concen: 47.051 ug/l
RT: 4.85 min Scan# 428
Delta R.T. 0.01 min
Lab File: VF061090.D
Acq: 19 Dec 2018 17:40

Tgt Ion: 65 Resp: 82793

Ion	Ratio	Lower	Upper
65	100		
67	48.5	0.0	94.6

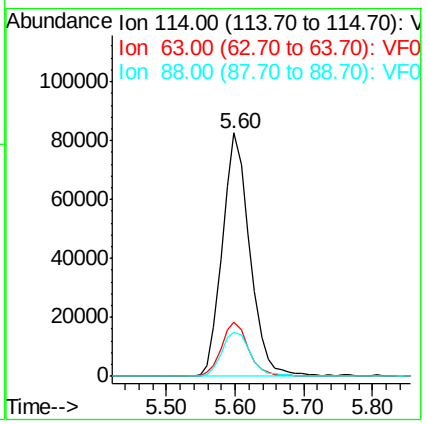




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.60 min Scan# 504
Delta R.T. 0.01 min
Lab File: VF061090.D
Acq: 19 Dec 2018 17:40

Tgt Ion:114 Resp: 229192

Ion	Ratio	Lower	Upper
114	100		
63	22.3	0.0	41.6
88	18.2	0.0	38.0



Instrument :
MSVOA_F
ClientSampleId :
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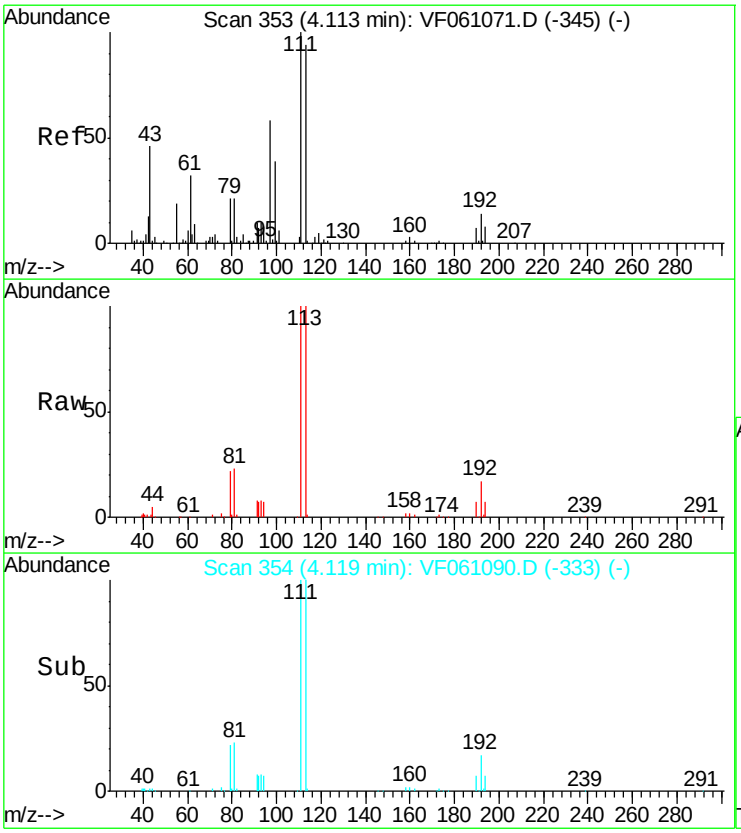
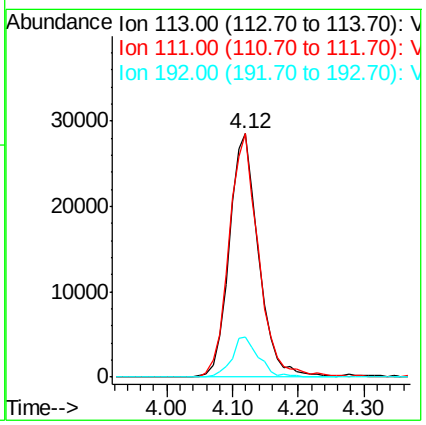
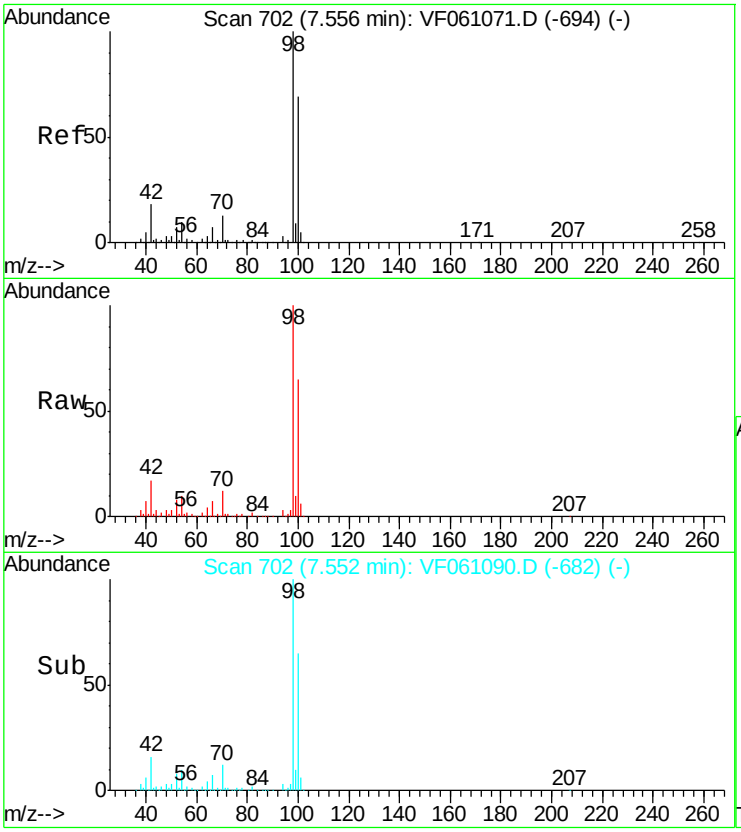


#35
Dibromofluoromethane
Concen: 48.370 ug/l
RT: 4.12 min Scan# 354
Delta R.T. 0.01 min
Lab File: VF061090.D
Acq: 19 Dec 2018 17:40

Tgt Ion:113 Resp: 88806

Ion	Ratio	Lower	Upper
113	100		
111	99.9	85.2	127.8
192	16.5	12.8	19.2

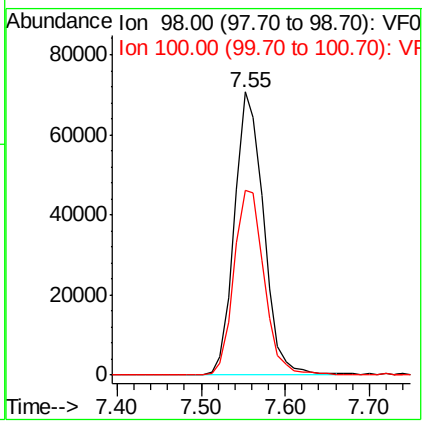




#50
Toluene-d8
Concen: 32.732 ug/l
RT: 7.55 min Scan# 702
Delta R.T. -0.00 min
Lab File: VF061090.D
Acq: 19 Dec 2018 17:40

Tgt Ion: 98 Resp: 170300

Ion	Ratio	Lower	Upper
98	100		
100	65.5	55.3	82.9



Instrument :
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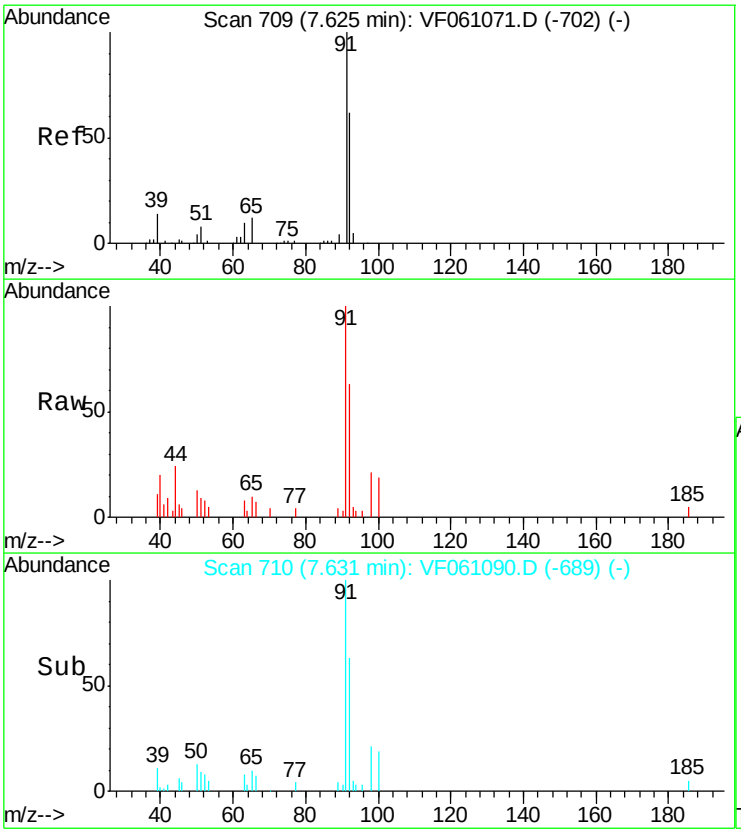
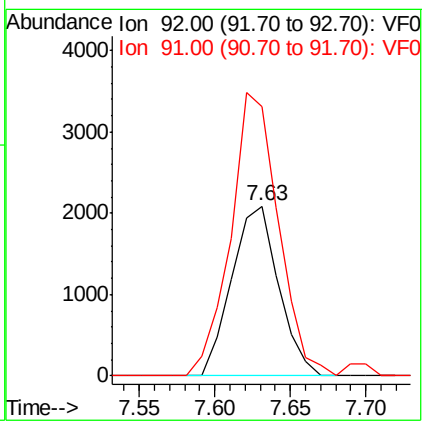
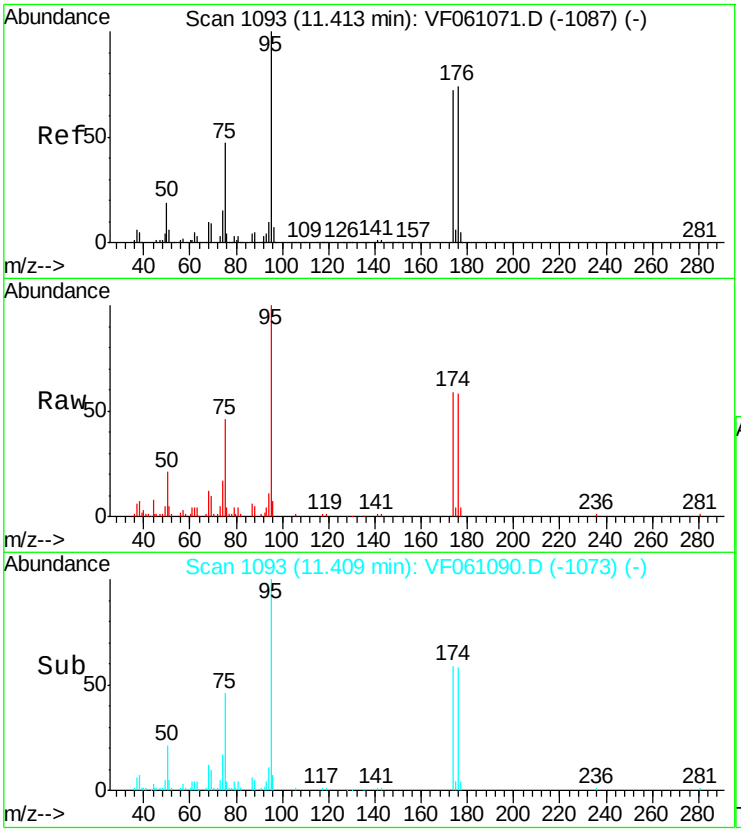


#52
Toluene
Concen: 1.146 ug/l
RT: 7.63 min Scan# 710
Delta R.T. 0.01 min
Lab File: VF061090.D
Acq: 19 Dec 2018 17:40

Tgt Ion: 92 Resp: 4513

Ion	Ratio	Lower	Upper
92	100		
91	159.0	128.8	193.2

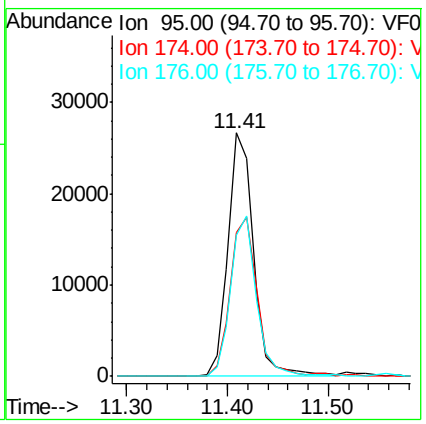




#62
4-Bromofluorobenzene
Concen: 19.607 ug/l
RT: 11.41 min Scan# 1093
Delta R.T. -0.00 min
Lab File: VF061090.D
Acq: 19 Dec 2018 17:40

Tgt Ion: 95 Resp: 47029

Ion	Ratio	Lower	Upper
95	100		
174	59.2	0.0	143.8
176	57.8	0.0	147.6



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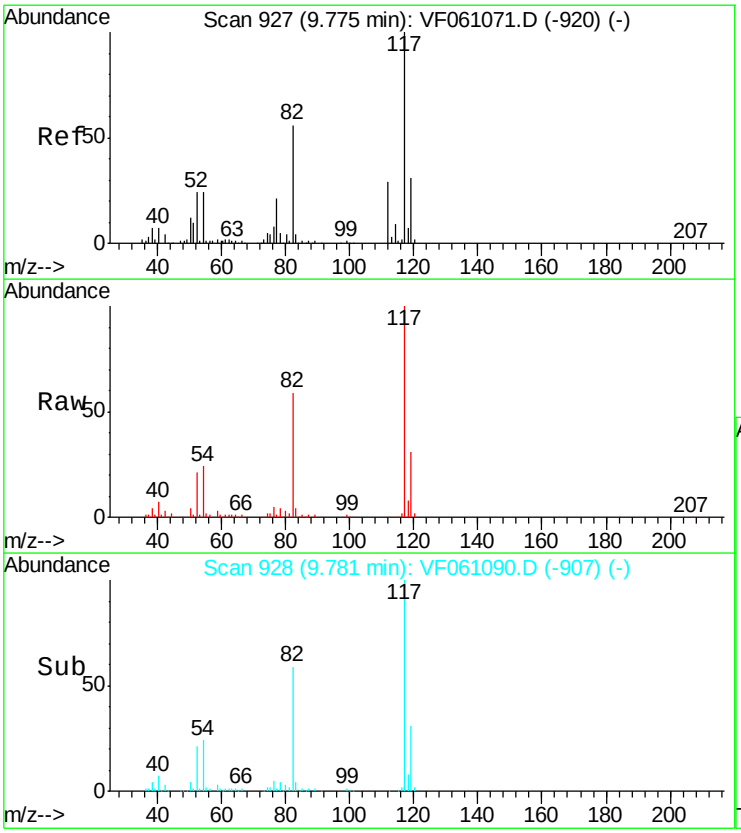
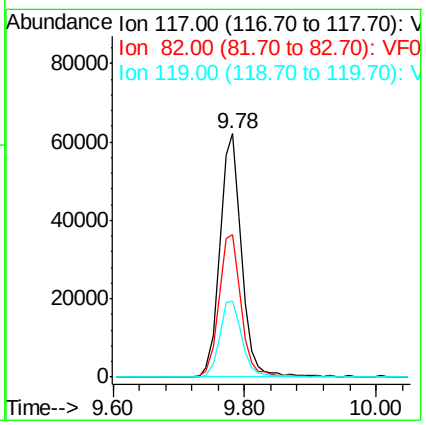
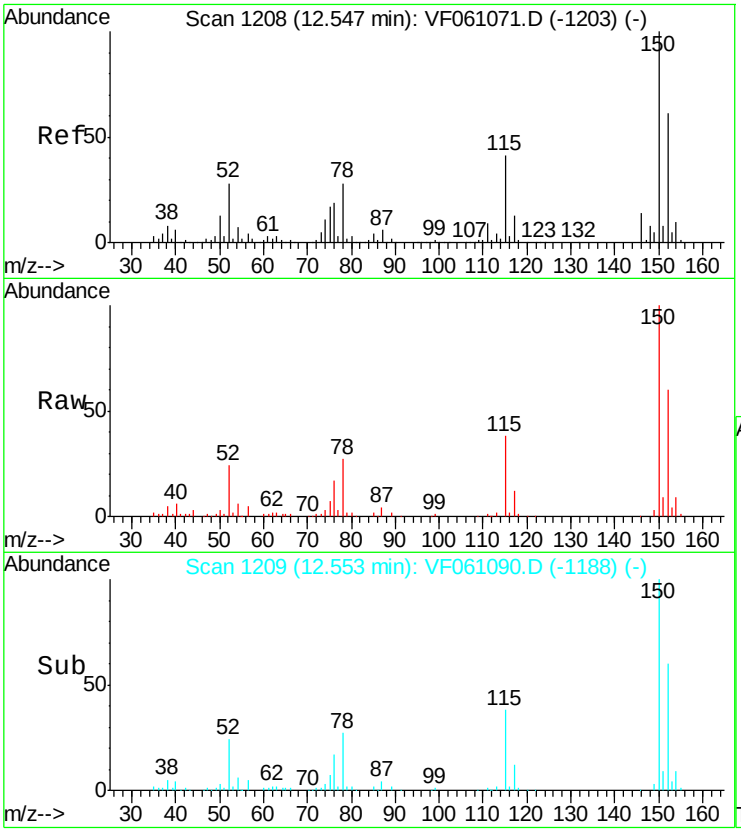


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.78 min Scan# 928
Delta R.T. 0.01 min
Lab File: VF061090.D
Acq: 19 Dec 2018 17:40

Tgt Ion:117 Resp: 143045

Ion	Ratio	Lower	Upper
117	100		
82	58.7	45.0	67.4
119	31.4	24.8	37.2

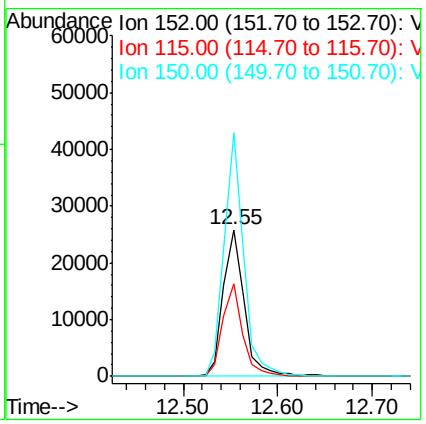




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.55 min Scan# 1209
Delta R.T. 0.01 min
Lab File: VF061090.D
Acq: 19 Dec 2018 17:40

Tgt Ion:152 Resp: 39860

Ion	Ratio	Lower	Upper
152	100		
115	63.0	33.3	99.9
150	166.0	0.0	328.2



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