Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF121918\
Data File : VF061092.D
Acq On : 19 Dec 2018 18:37
Operator : VA/AP
Sample : J6388-11
Misc : 3.41g/5mL/MSVOA-F/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :
P001-SS010-0612-01

Manual Integrations APPROVED
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Quant Time: Dec 20 03:15:09 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	4.87	168	139804	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.60	114	226993	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.78	117	122991	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.55	152	30337	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.85	65	91094	50.66	ug/l	0.00
Spiked Amount 50.000			Recovery =	101.32%		
35) Dibromofluoromethane	4.12	113	92626	50.94	ug/l	0.00
Spiked Amount 50.000			Recovery =	101.88%		
50) Toluene-d8	7.56	98	166602	32.33	ug/l	0.00
Spiked Amount 50.000			Recovery =	64.66%		
62) 4-Bromofluorobenzene	11.41	95	38221	16.09	ug/l	0.00
Spiked Amount 50.000			Recovery =	32.18%		
Target Compounds						Qvalue
16) Acetone	2.23	43	230902	642.351	ug/l	96
20) Methylene Chloride	2.25	84	11419m	5.987	ug/l	
25) 2-Butanone	4.34	43	9389	16.105	ug/l	95

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

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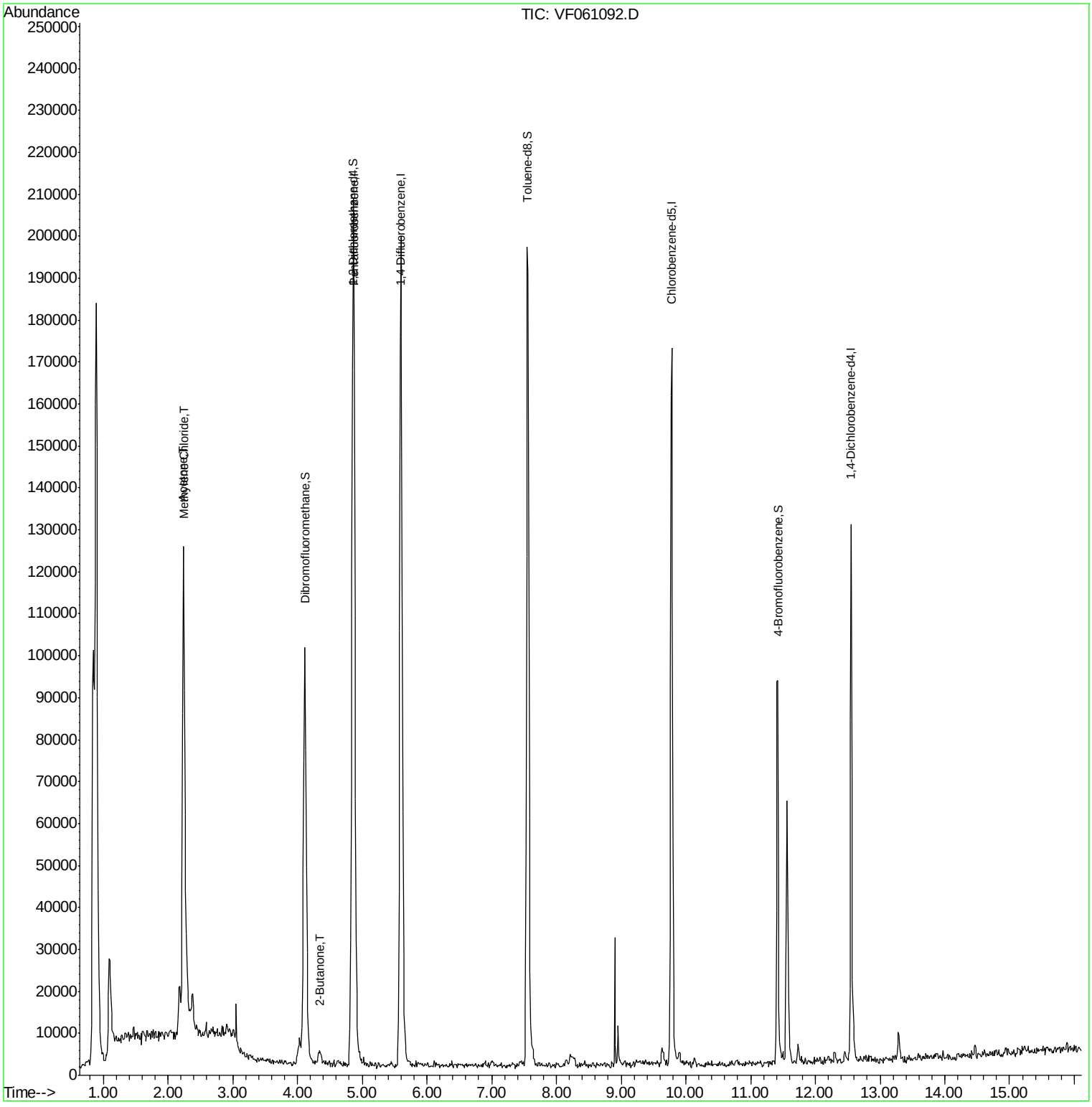
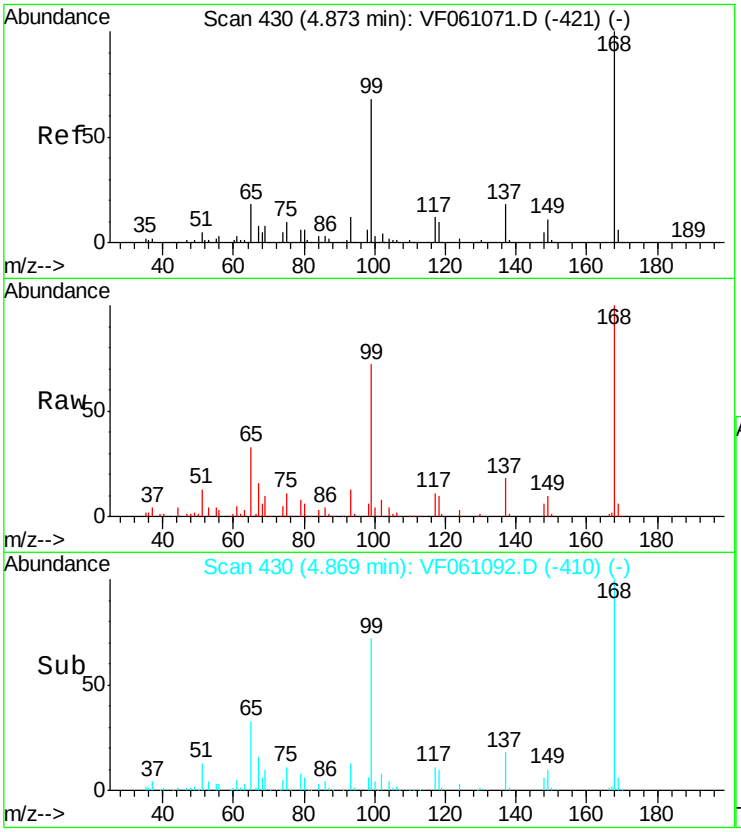
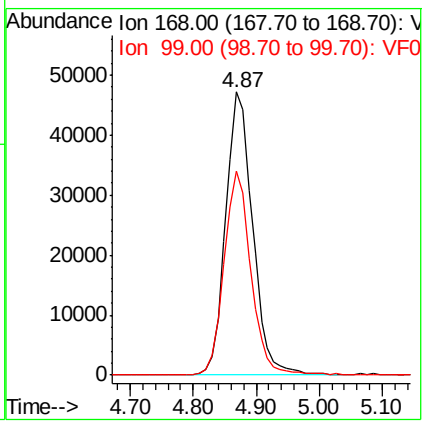




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 4.87 min Scan# 430
Delta R.T. -0.00 min
Lab File: VF061092.D
Acq: 19 Dec 2018 18:37

Tgt Ion:168 Resp: 139804

Ion	Ratio	Lower	Upper
168	100		
99	72.3	54.4	81.6



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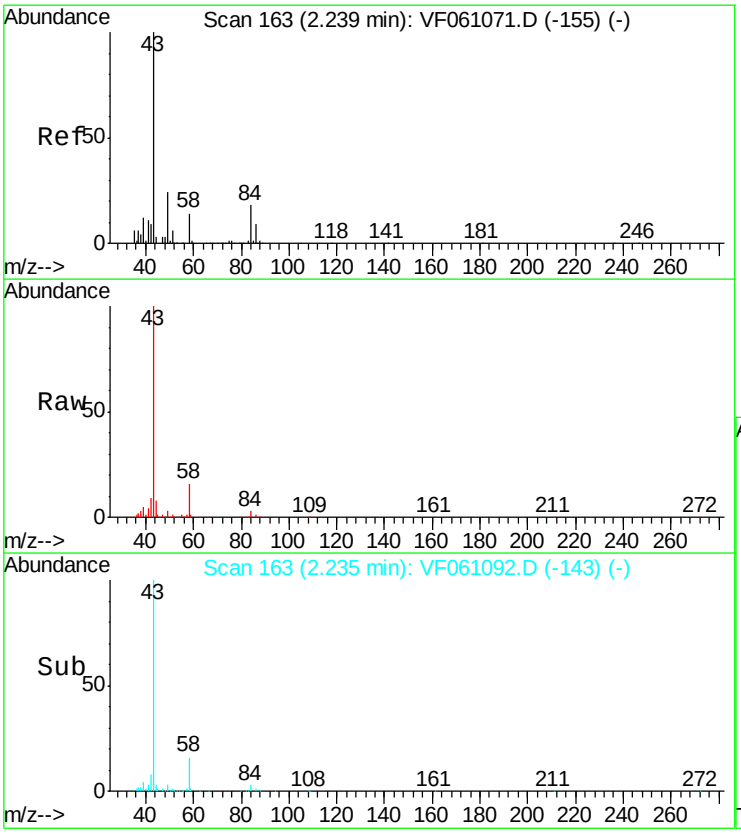
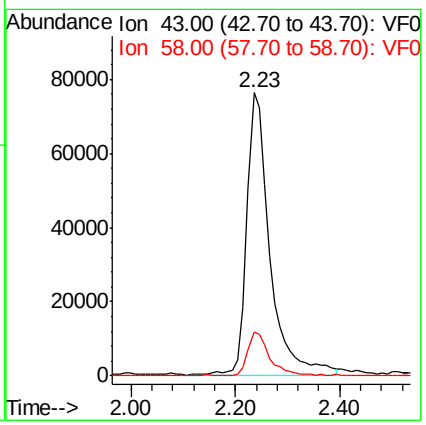
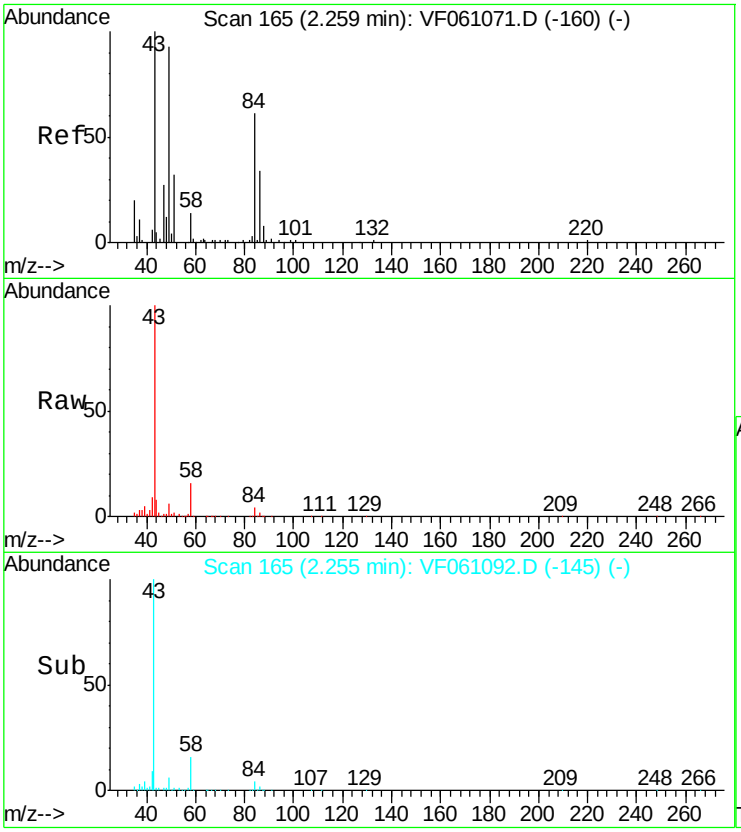


#16
Acetone
Concen: 642.351 ug/l
RT: 2.23 min Scan# 163
Delta R.T. -0.00 min
Lab File: VF061092.D
Acq: 19 Dec 2018 18:37

Tgt Ion: 43 Resp: 230902

Ion	Ratio	Lower	Upper
43	100		
58	15.7	11.1	16.7

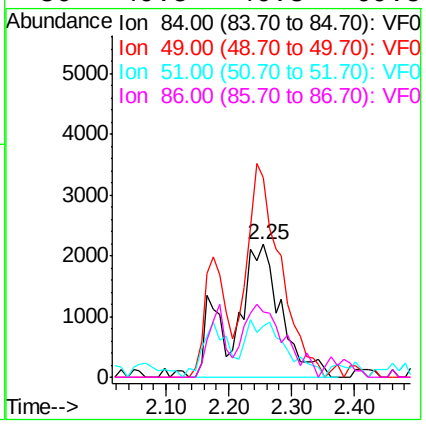




#20
Methylene Chloride
Concen: 5.987 ug/l m
RT: 2.25 min Scan# 165
Delta R.T. -0.00 min
Lab File: VF061092.D
Acq: 19 Dec 2018 18:37

Tgt Ion: 84 Resp: 11419

Ion	Ratio	Lower	Upper
84	100		
49	150.3	129.4	194.2
51	39.0	44.0	66.0#
86	49.5	46.3	69.5



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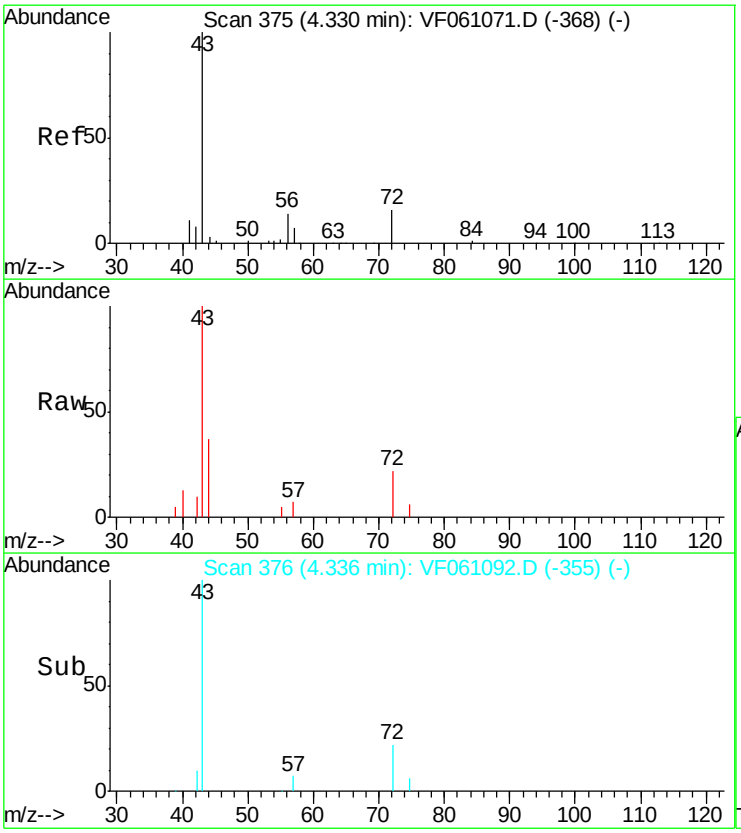
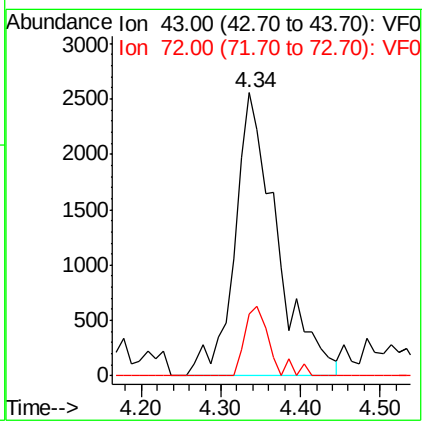
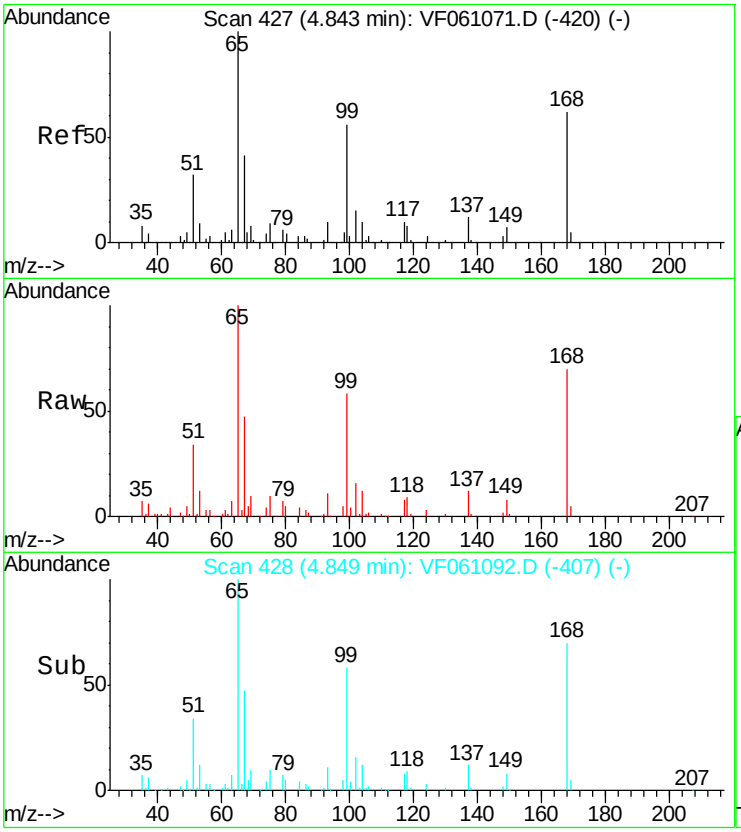


#25
2-Butanone
Concen: 16.105 ug/l
RT: 4.34 min Scan# 376
Delta R.T. 0.01 min
Lab File: VF061092.D
Acq: 19 Dec 2018 18:37

Tgt Ion: 43 Resp: 9389

Ion	Ratio	Lower	Upper
43	100		
72	21.8	15.6	23.4

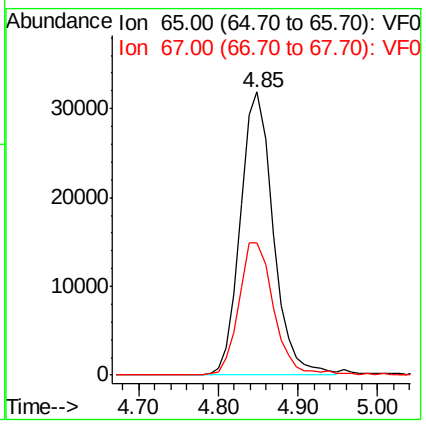




#33
1,2-Dichloroethane-d4
Concen: 50.661 ug/l
RT: 4.85 min Scan# 428
Delta R.T. 0.01 min
Lab File: VF061092.D
Acq: 19 Dec 2018 18:37

Tgt Ion: 65 Resp: 91094

Ion	Ratio	Lower	Upper
65	100		
67	46.7	0.0	94.6



Instrument :
MSVOA_F
ClientSampleId :
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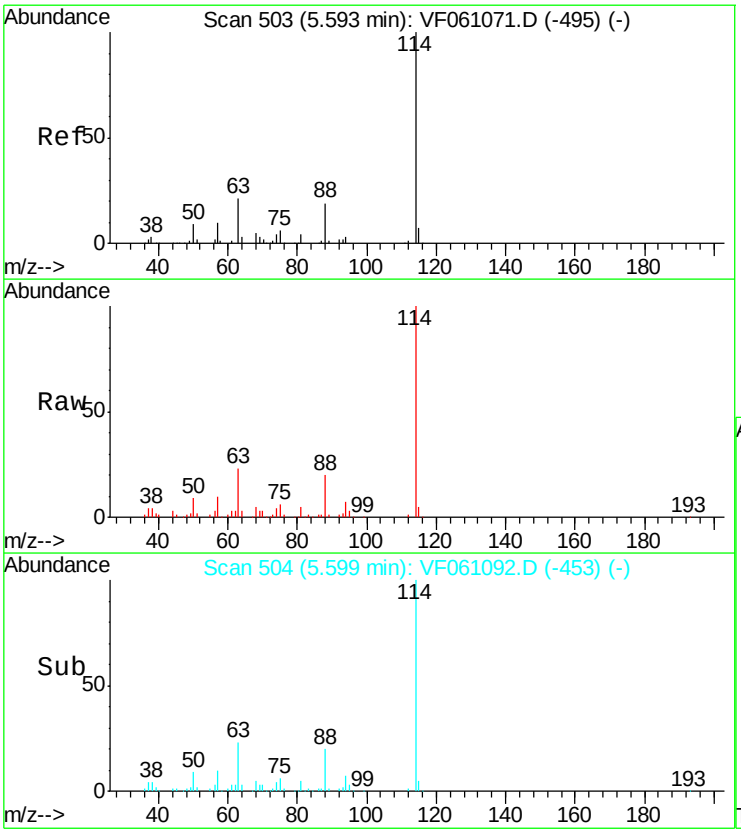
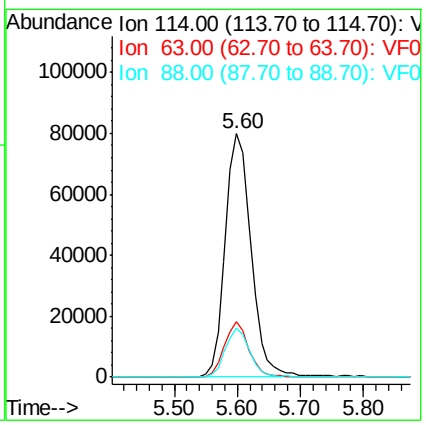
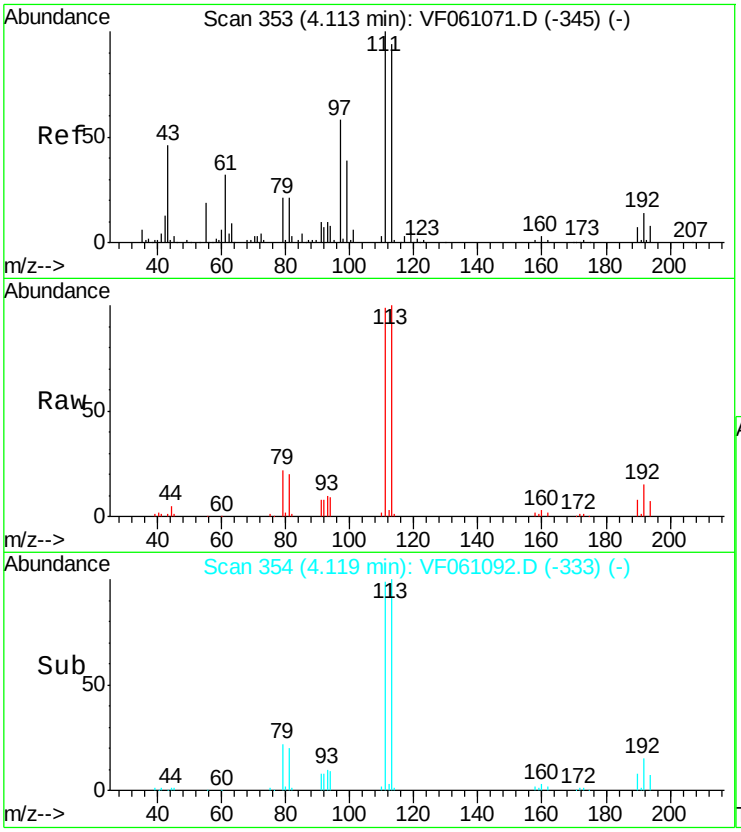


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.60 min Scan# 504
Delta R.T. 0.01 min
Lab File: VF061092.D
Acq: 19 Dec 2018 18:37

Tgt Ion:114 Resp: 226993

Ion	Ratio	Lower	Upper
114	100		
63	23.0	0.0	41.6
88	20.1	0.0	38.0

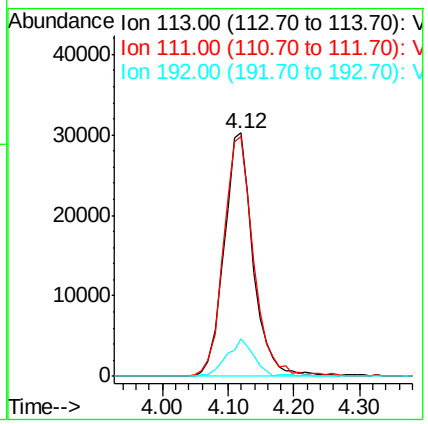




#35
Dibromofluoromethane
Concen: 50.940 ug/l
RT: 4.12 min Scan# 354
Delta R.T. 0.01 min
Lab File: VF061092.D
Acq: 19 Dec 2018 18:37

Tgt Ion:113 Resp: 92626

Ion	Ratio	Lower	Upper
113	100		
111	98.5	85.2	127.8
192	15.2	12.8	19.2



Instrument :
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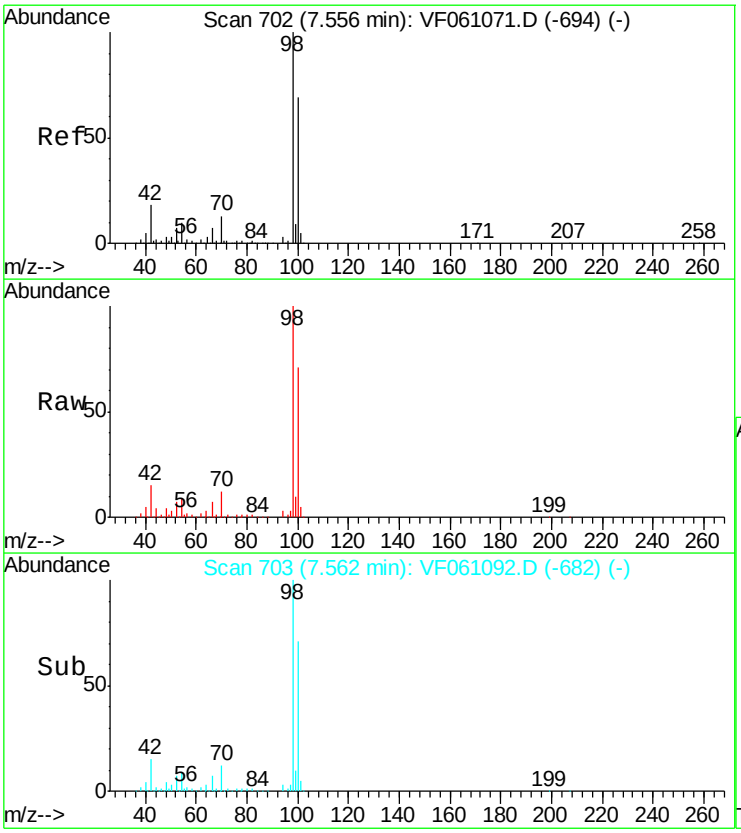
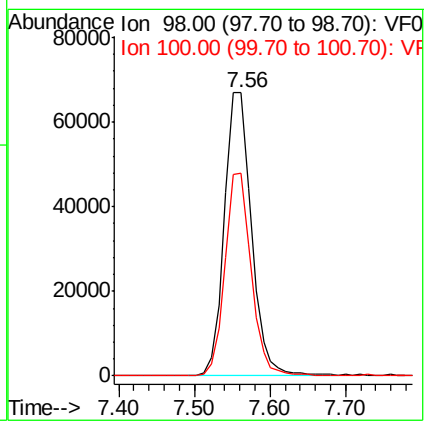
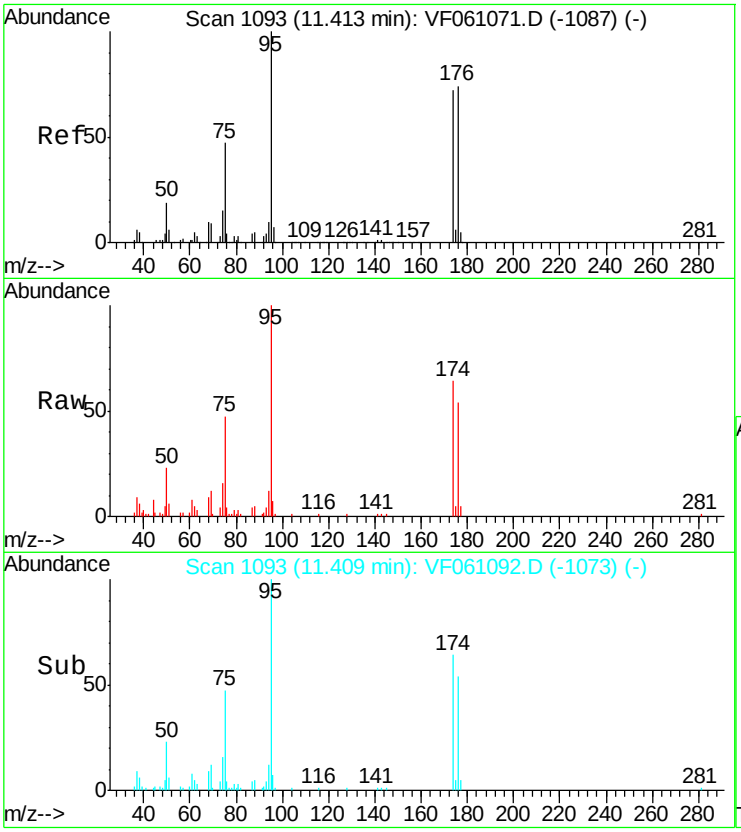


#50
Toluene-d8
Concen: 32.331 ug/l
RT: 7.56 min Scan# 703
Delta R.T. 0.01 min
Lab File: VF061092.D
Acq: 19 Dec 2018 18:37

Tgt Ion: 98 Resp: 166602

Ion	Ratio	Lower	Upper
98	100		
100	71.5	55.3	82.9

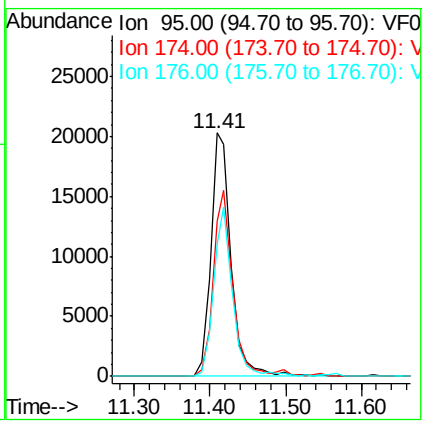




#62
4-Bromofluorobenzene
Concen: 16.089 ug/l
RT: 11.41 min Scan# 1093
Delta R.T. -0.00 min
Lab File: VF061092.D
Acq: 19 Dec 2018 18:37

Tgt Ion: 95 Resp: 38221

Ion	Ratio	Lower	Upper
95	100		
174	64.0	0.0	143.8
176	54.4	0.0	147.6



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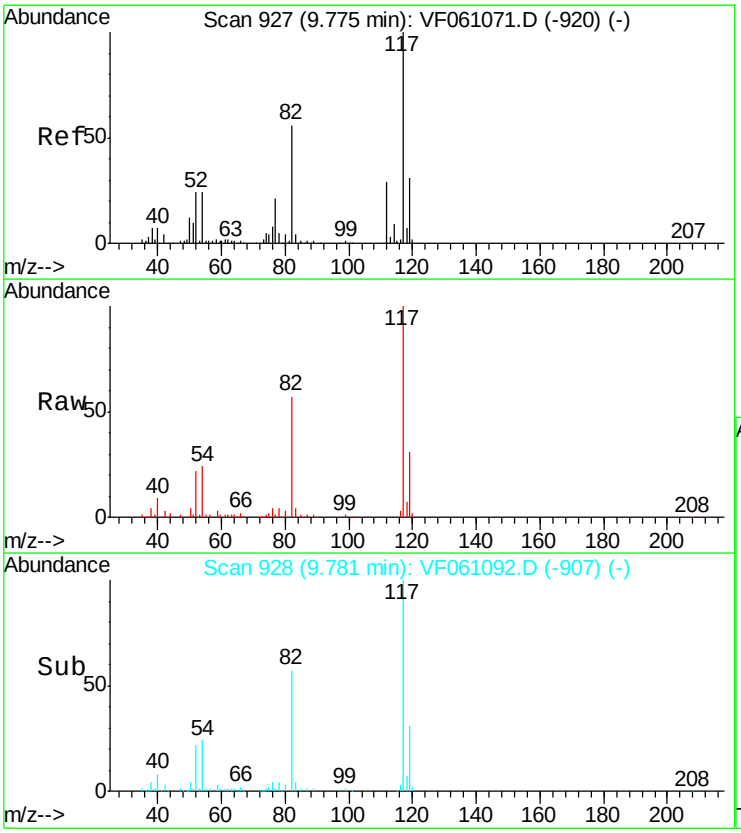
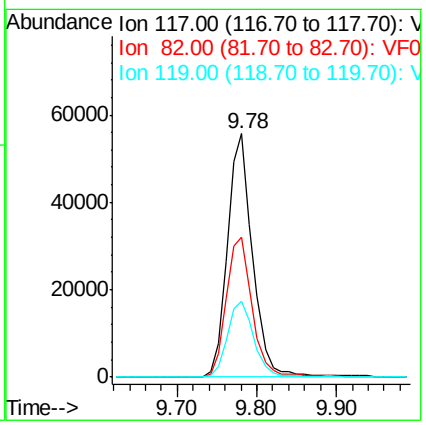
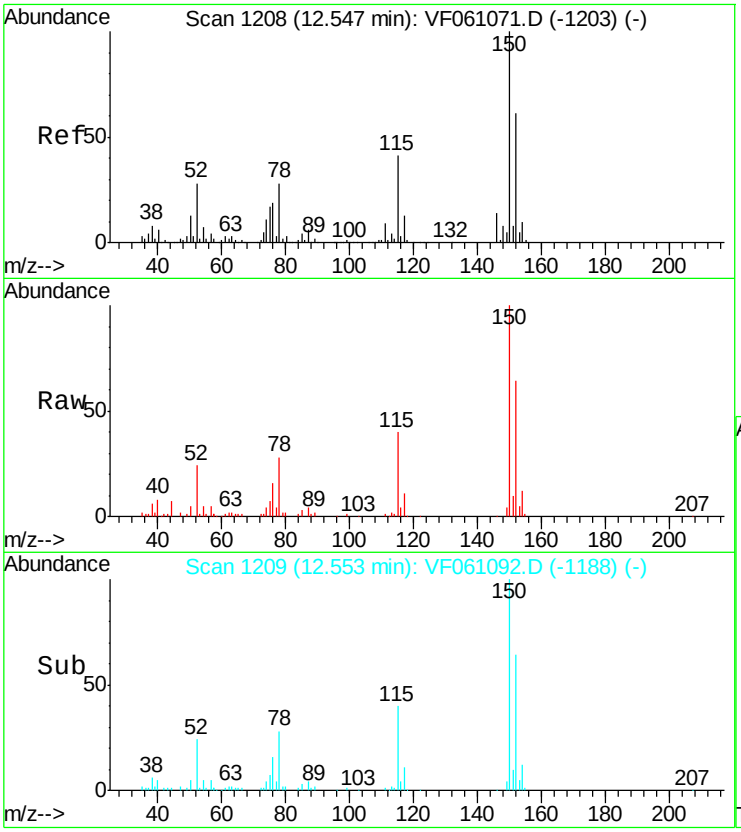


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.78 min Scan# 928
Delta R.T. 0.01 min
Lab File: VF061092.D
Acq: 19 Dec 2018 18:37

Tgt Ion:117 Resp: 122991

Ion	Ratio	Lower	Upper
117	100		
82	57.4	45.0	67.4
119	31.4	24.8	37.2

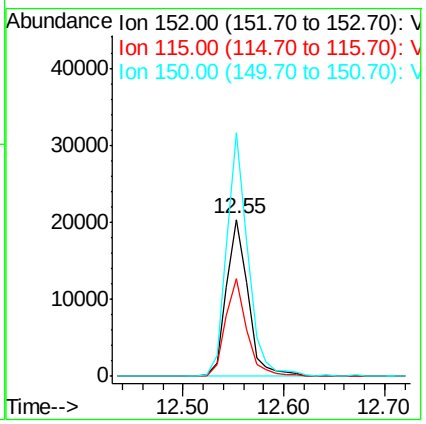




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.55 min Scan# 1209
Delta R.T. 0.01 min
Lab File: VF061092.D
Acq: 19 Dec 2018 18:37

Tgt Ion:152 Resp: 30337

Ion	Ratio	Lower	Upper
152	100		
115	62.1	33.3	99.9
150	155.3	0.0	328.2



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