Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF112818\
Data File : VF060861.D
Acq On : 28 Nov 2018 17:36
Operator : VA/AP
Sample : J5767-21RE
Misc : 6.81g/5mL/MSVOA-F/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :
CL-02-112818-CRE

Manual Integrations APPROVED
apatel
11/29/2018 2:57:59 PM

Quant Time: Nov 29 04:22:15 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F112618S.M
Quant Title : SW846 8260
QLast Update : Tue Nov 27 01:36:26 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.90	168	190233	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	5.62	114	323975	50.00	ug/l	-0.02
63) Chlorobenzene-d5	9.80	117	281381	50.00	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	12.57	152	137979	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.87	65	128303	57.25	ug/l	-0.01
Spiked Amount 50.000			Recovery = 114.50%			
35) Dibromofluoromethane	4.14	113	138488	53.88	ug/l	-0.01
Spiked Amount 50.000			Recovery = 107.76%			
50) Toluene-d8	7.58	98	345455	45.63	ug/l	-0.01
Spiked Amount 50.000			Recovery = 91.26%			
62) 4-Bromofluorobenzene	11.43	95	155969	45.33	ug/l	-0.01
Spiked Amount 50.000			Recovery = 90.66%			
Target Compounds						Qvalue
16) Acetone	2.24	43	33237	80.43	ug/l	96
20) Methylene Chloride	2.25	84	19430m	12.82	ug/l	
52) Toluene	7.65	92	11081	1.99	ug/l	84
68) m/p-Xylenes	10.16	106	6941	1.89	ug/l	79

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

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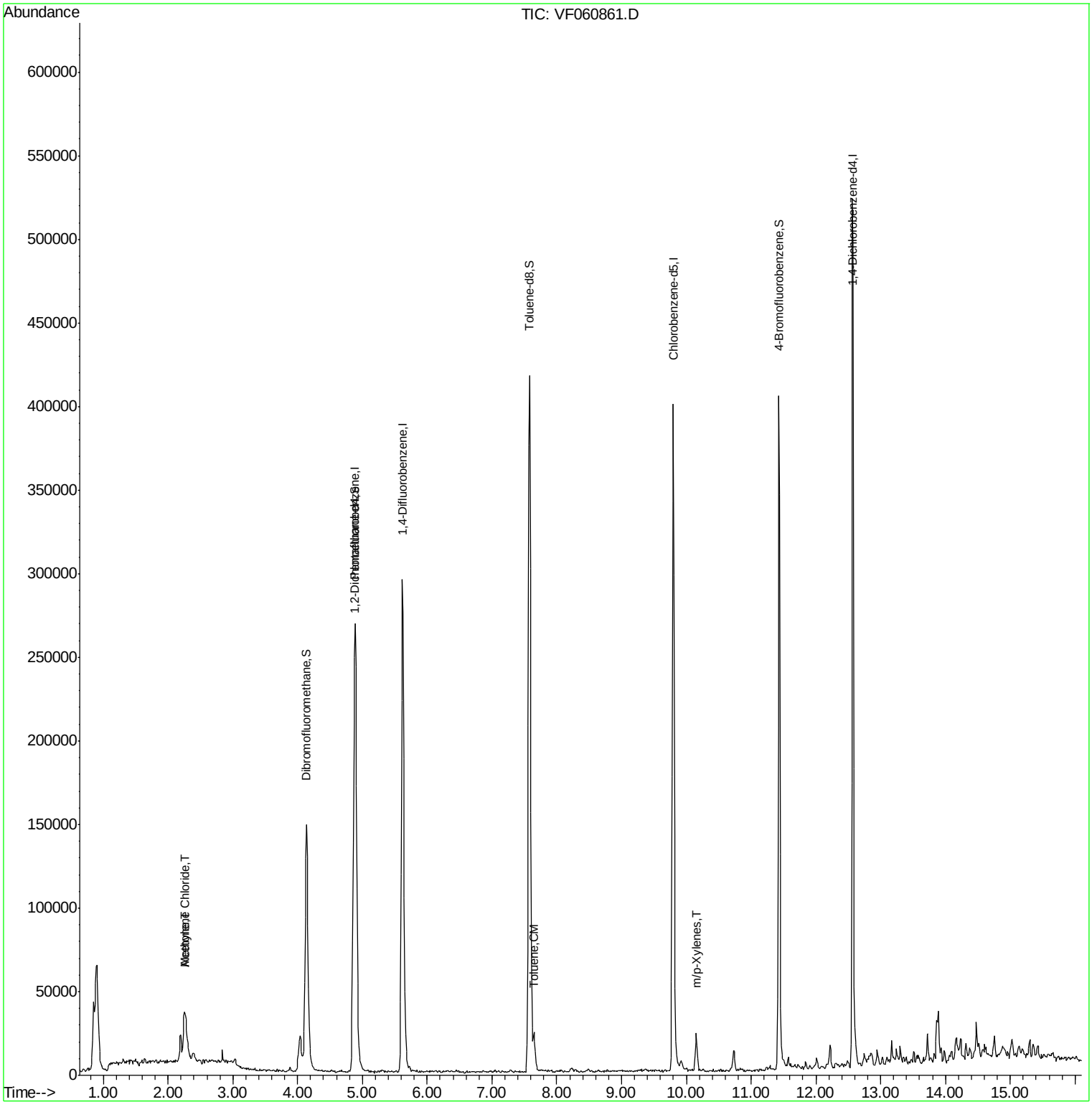
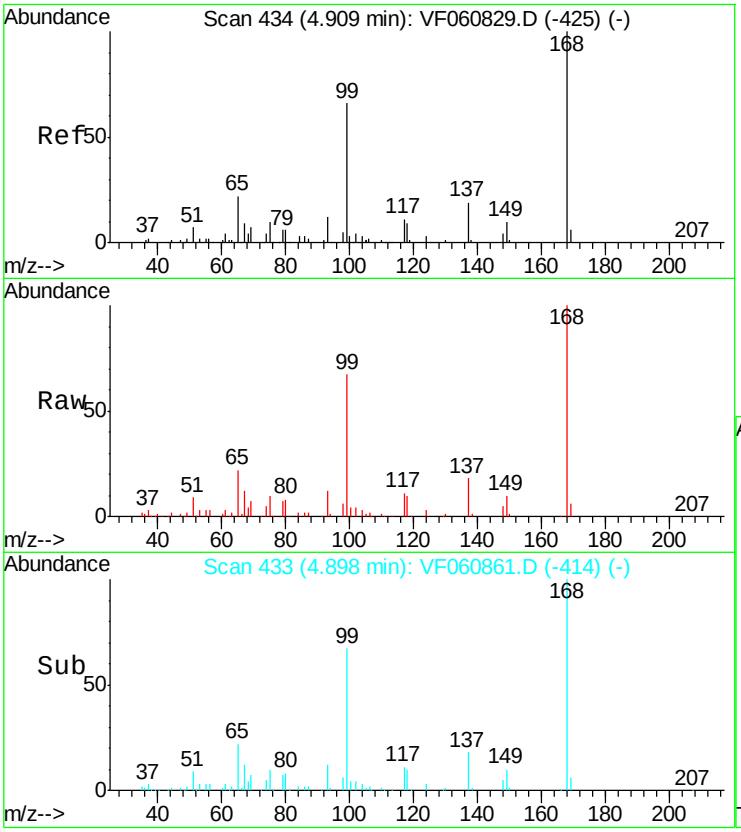
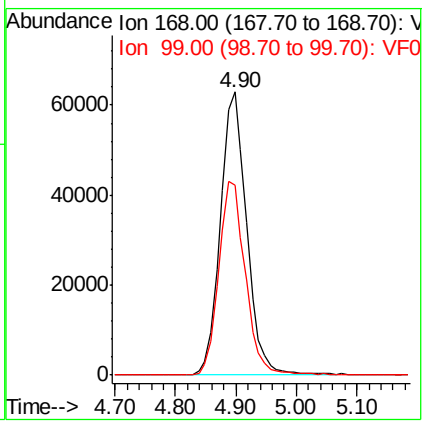




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 4.90 min Scan# 433
Delta R.T. -0.01 min
Lab File: VF060861.D
Acq: 28 Nov 2018 17:36

Tgt Ion:168 Resp: 190233

Ion	Ratio	Lower	Upper
168	100		
99	67.2	52.6	79.0



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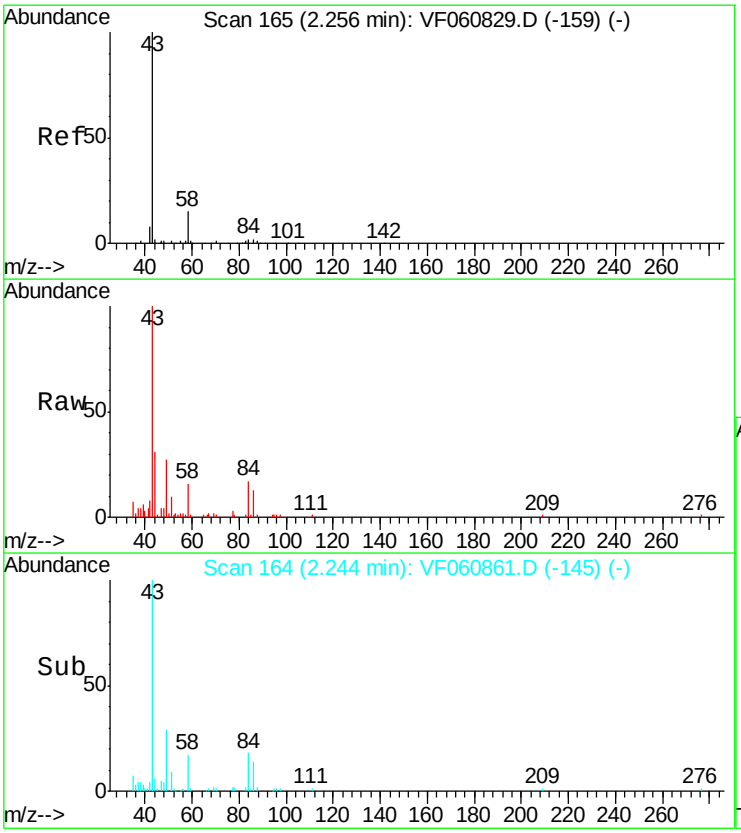
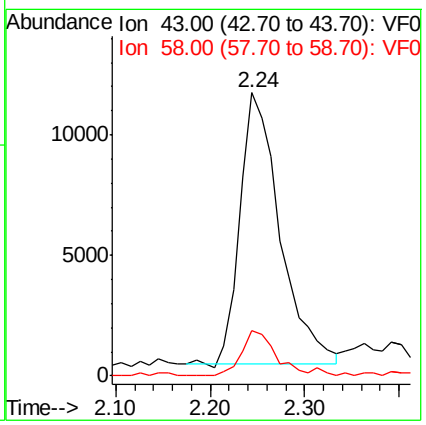
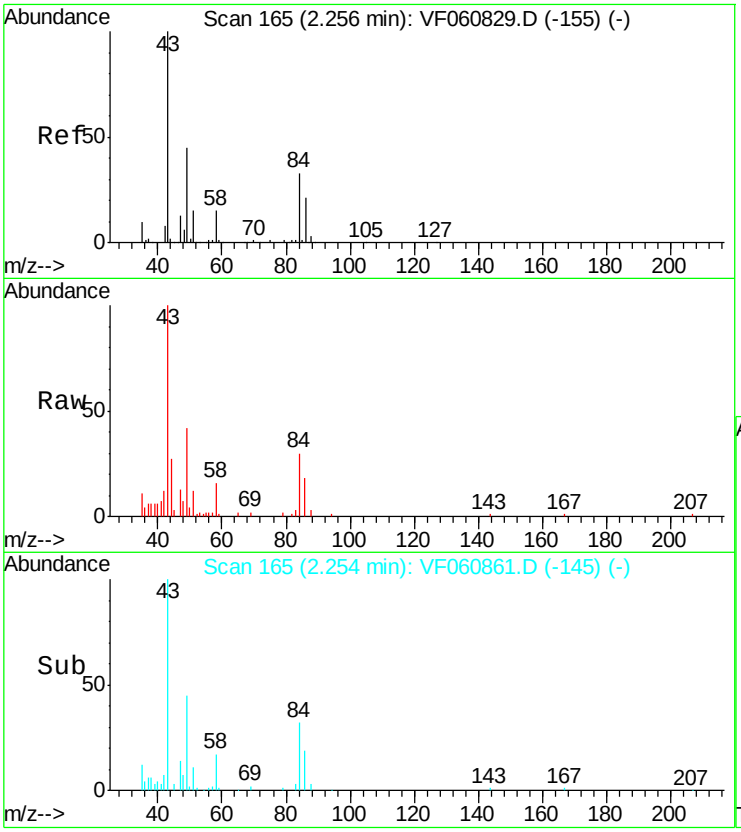


#16
Acetone
Concen: 80.43 ug/l
RT: 2.24 min Scan# 164
Delta R.T. -0.01 min
Lab File: VF060861.D
Acq: 28 Nov 2018 17:36

Tgt Ion: 43 Resp: 33237

Ion	Ratio	Lower	Upper
43	100		
58	15.8	11.4	17.2

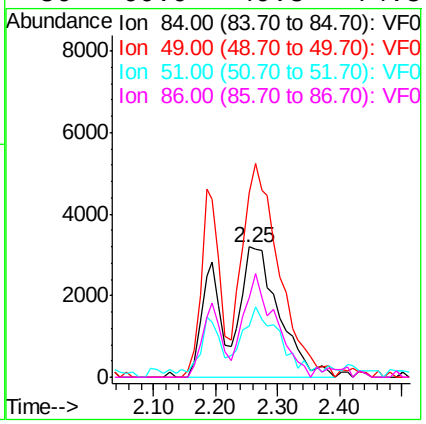




#20
Methylene Chloride
Concen: 12.82 ug/l m
RT: 2.25 min Scan# 165
Delta R.T. -0.00 min
Lab File: VF060861.D
Acq: 28 Nov 2018 17:36

Tgt Ion: 84 Resp: 19430

Ion	Ratio	Lower	Upper
84	100		
49	141.7	111.3	166.9
51	39.4	38.0	57.0
86	60.9	49.8	74.8



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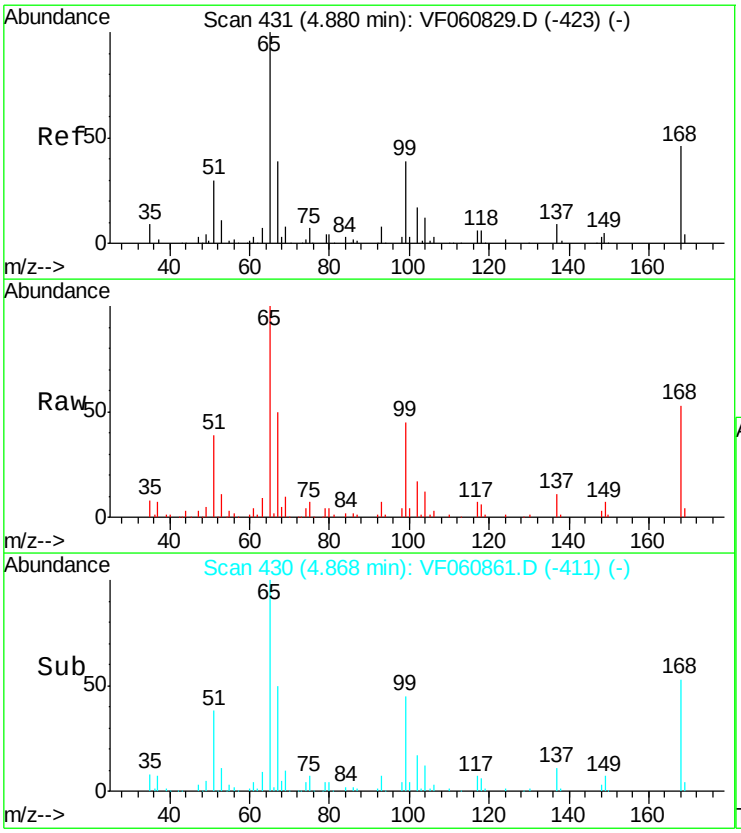
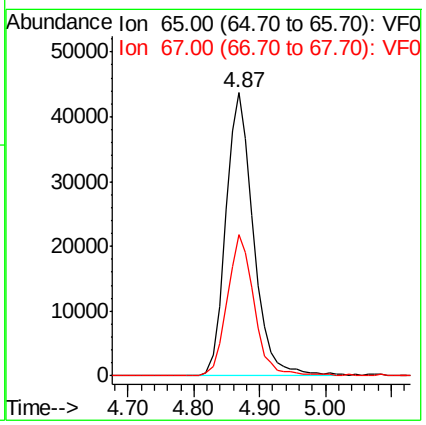
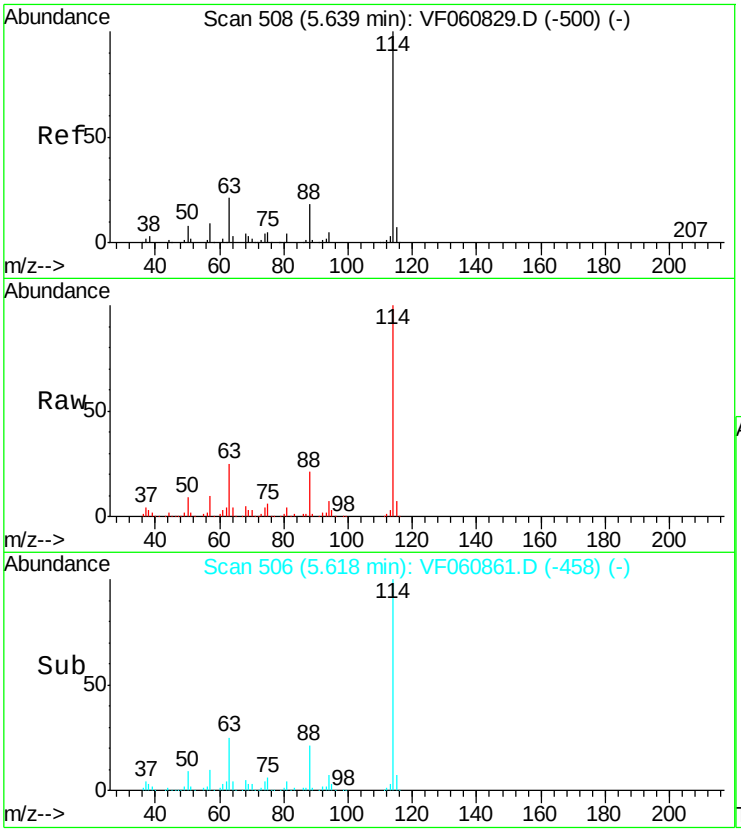


#33
1,2-Dichloroethane-d4
Concen: 57.25 ug/l
RT: 4.87 min Scan# 430
Delta R.T. -0.01 min
Lab File: VF060861.D
Acq: 28 Nov 2018 17:36

Tgt Ion: 65 Resp: 128303

Ion	Ratio	Lower	Upper
65	100		
67	50.0	0.0	96.4

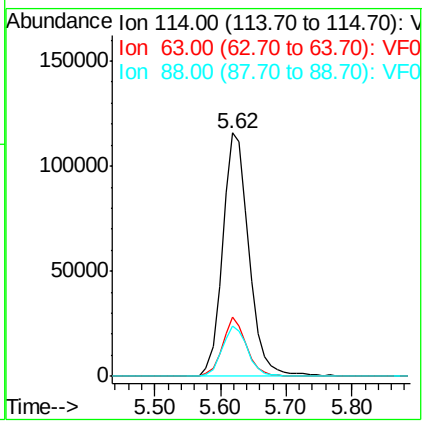




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 5.62 min Scan# 506
Delta R.T. -0.02 min
Lab File: VF060861.D
Acq: 28 Nov 2018 17:36

Tgt Ion:114 Resp: 323975

Ion	Ratio	Lower	Upper
114	100		
63	24.6	0.0	41.6
88	20.7	0.0	36.6



Instrument :
MSVOA_F
ClientSampleId :
CL-02-112818-CRE

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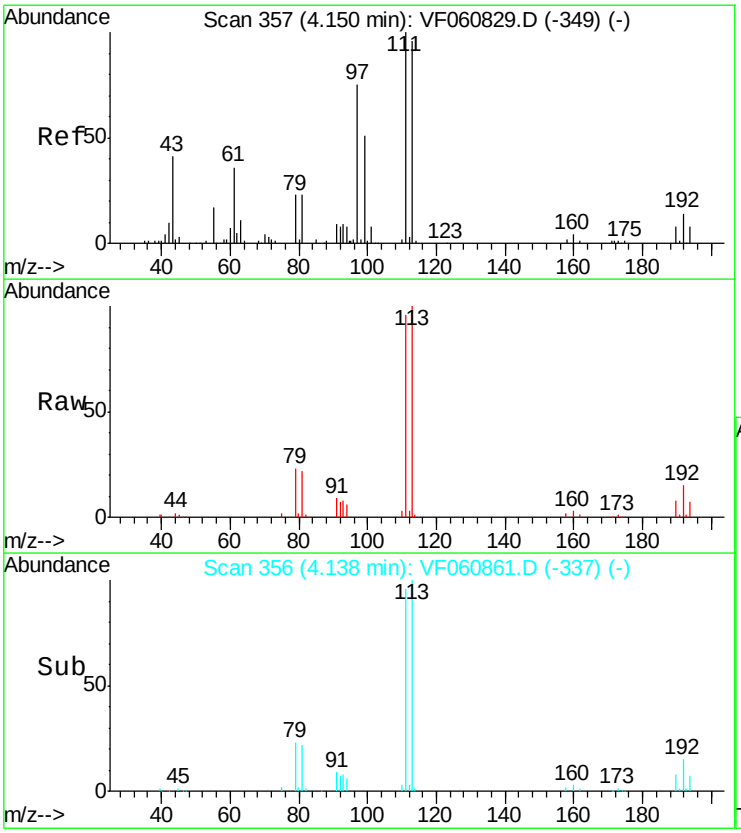
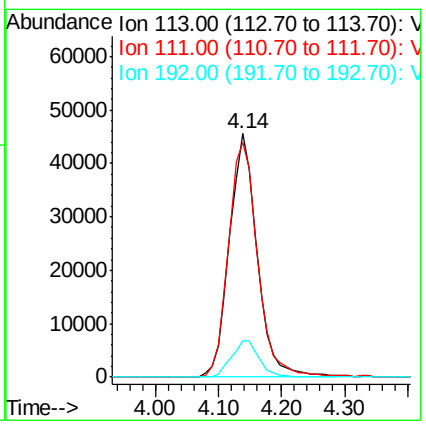
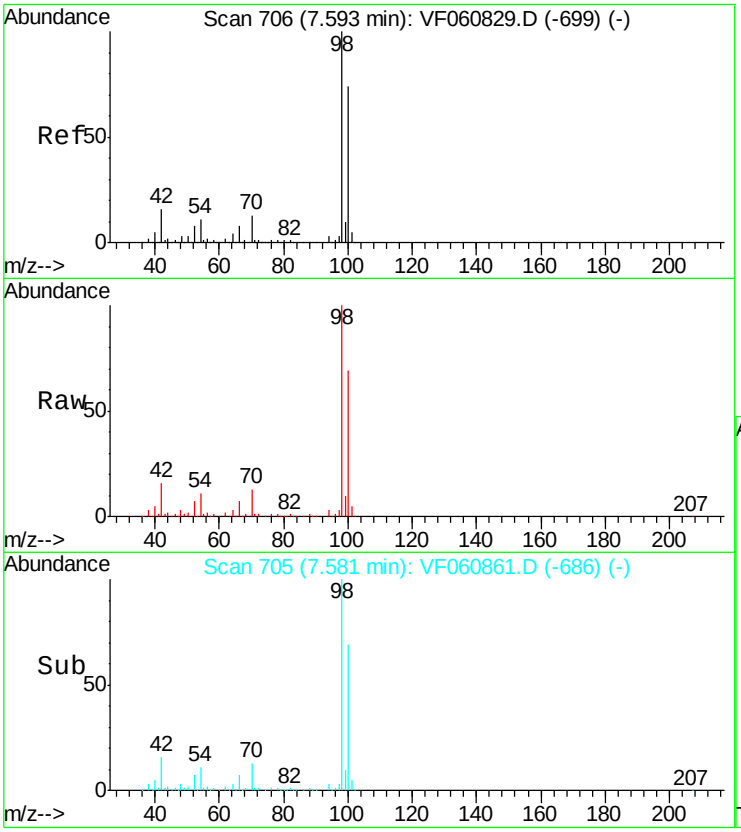


#35
Dibromofluoromethane
Concen: 53.88 ug/l
RT: 4.14 min Scan# 356
Delta R.T. -0.01 min
Lab File: VF060861.D
Acq: 28 Nov 2018 17:36

Tgt Ion:113 Resp: 138488

Ion	Ratio	Lower	Upper
113	100		
111	96.3	83.0	124.6
192	14.7	12.3	18.5

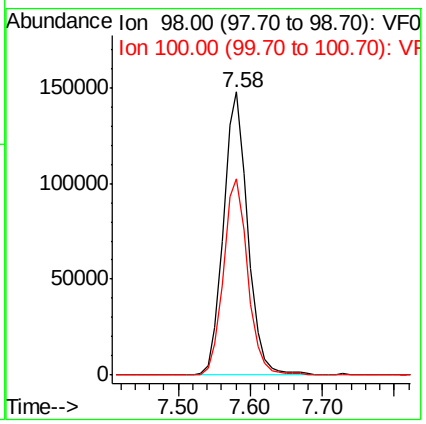




#50
Toluene-d8
Concen: 45.63 ug/l
RT: 7.58 min Scan# 705
Delta R.T. -0.01 min
Lab File: VF060861.D
Acq: 28 Nov 2018 17:36

Tgt Ion: 98 Resp: 345455

Ion	Ratio	Lower	Upper
98	100		
100	69.1	59.3	88.9



Instrument :
MSVOA_F
ClientSampleId :
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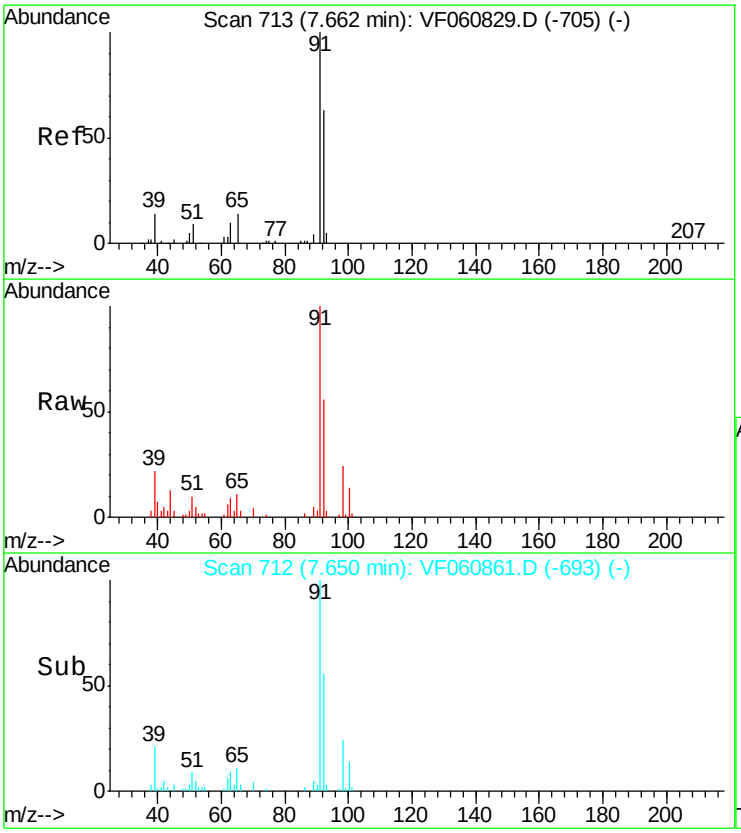
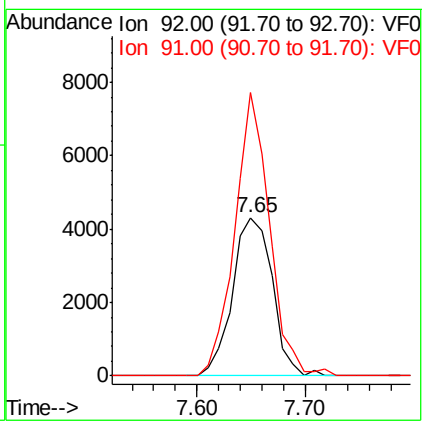
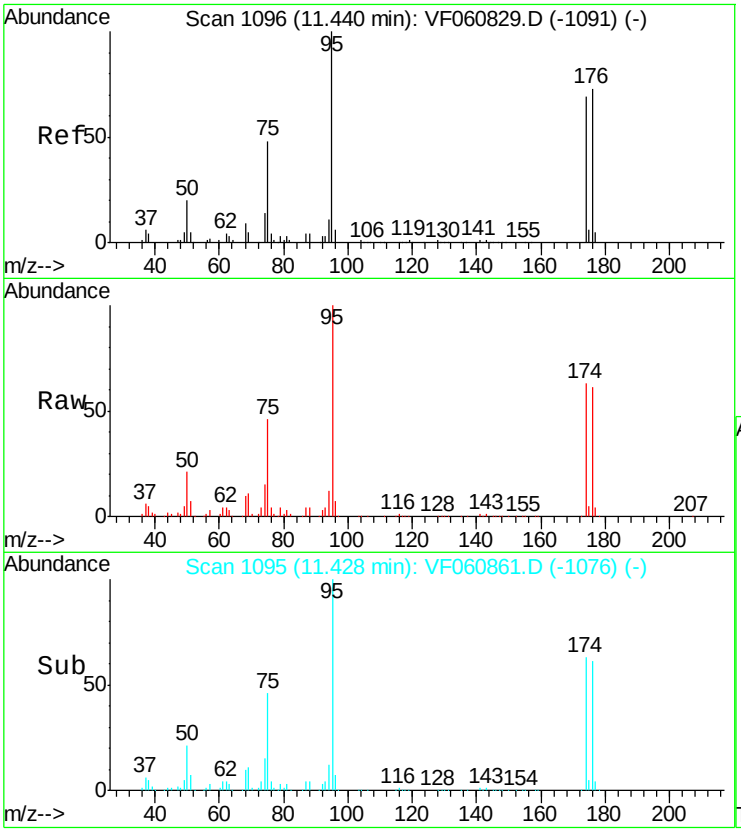


#52
Toluene
Concen: 1.99 ug/l
RT: 7.65 min Scan# 712
Delta R.T. -0.01 min
Lab File: VF060861.D
Acq: 28 Nov 2018 17:36

Tgt Ion: 92 Resp: 11081

Ion	Ratio	Lower	Upper
92	100		
91	179.1	126.2	189.2

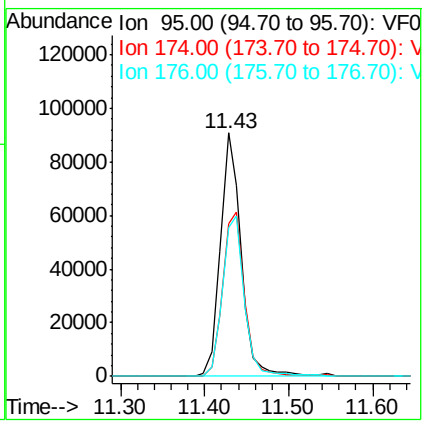




#62
4-Bromofluorobenzene
Concen: 45.33 ug/l
RT: 11.43 min Scan# 1095
Delta R.T. -0.01 min
Lab File: VF060861.D
Acq: 28 Nov 2018 17:36

Tgt Ion: 95 Resp: 155969

Ion	Ratio	Lower	Upper
95	100		
174	62.5	0.0	138.2
176	61.4	0.0	146.2



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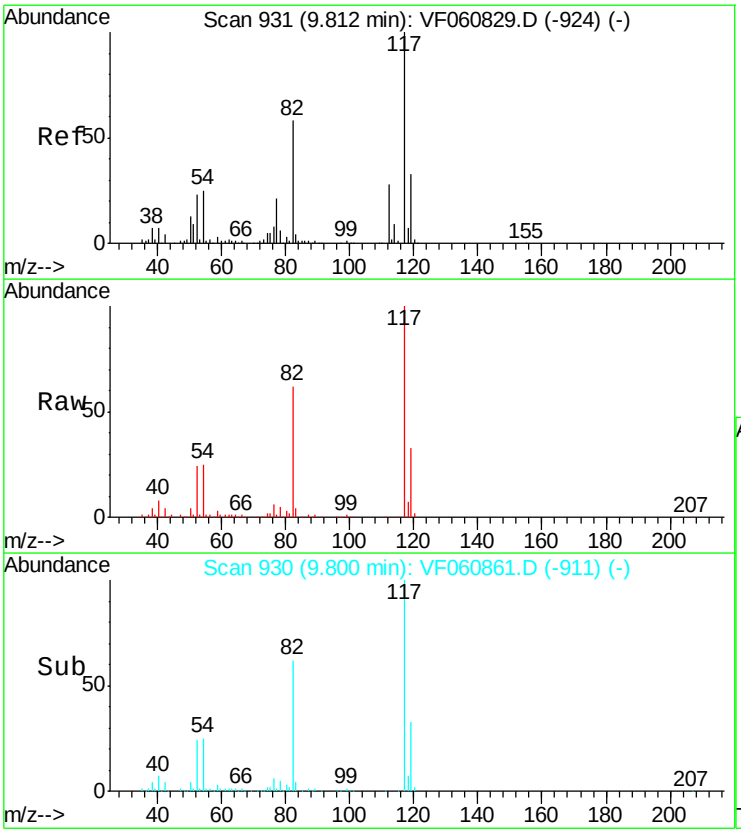
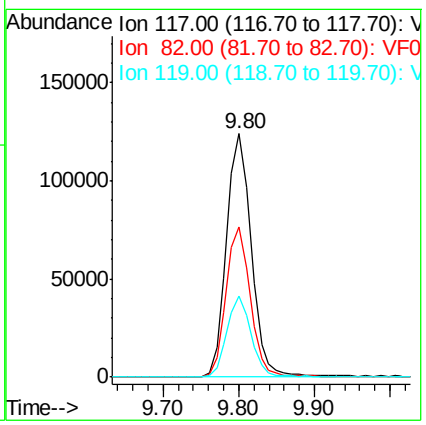
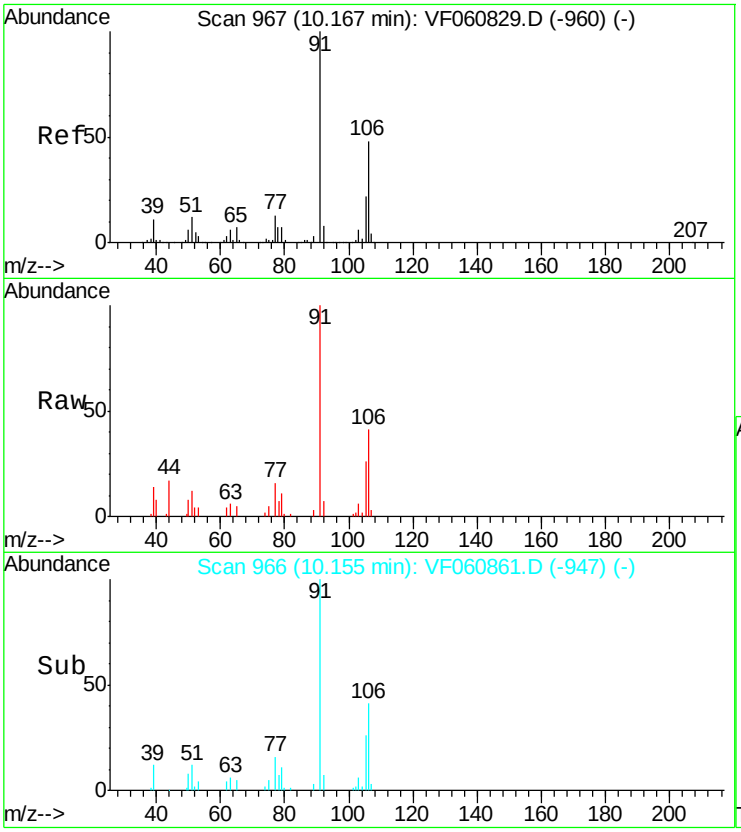


#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.80 min Scan# 930
Delta R.T. -0.01 min
Lab File: VF060861.D
Acq: 28 Nov 2018 17:36

Tgt Ion:117 Resp: 281381

Ion	Ratio	Lower	Upper
117	100		
82	61.7	46.6	69.8
119	33.4	26.4	39.6

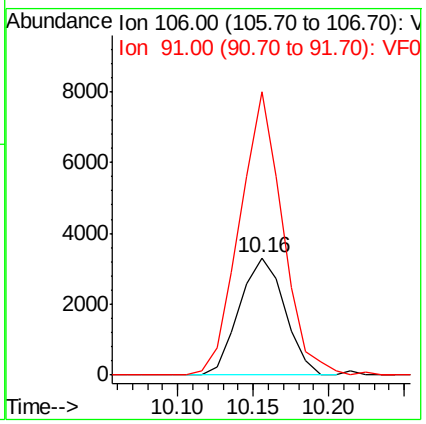




#68
m/p-Xylenes
Concen: 1.89 ug/l
RT: 10.16 min Scan# 966
Delta R.T. -0.01 min
Lab File: VF060861.D
Acq: 28 Nov 2018 17:36

Tgt Ion:106 Resp: 6941

Ion	Ratio	Lower	Upper
106	100		
91	241.3	166.7	250.1



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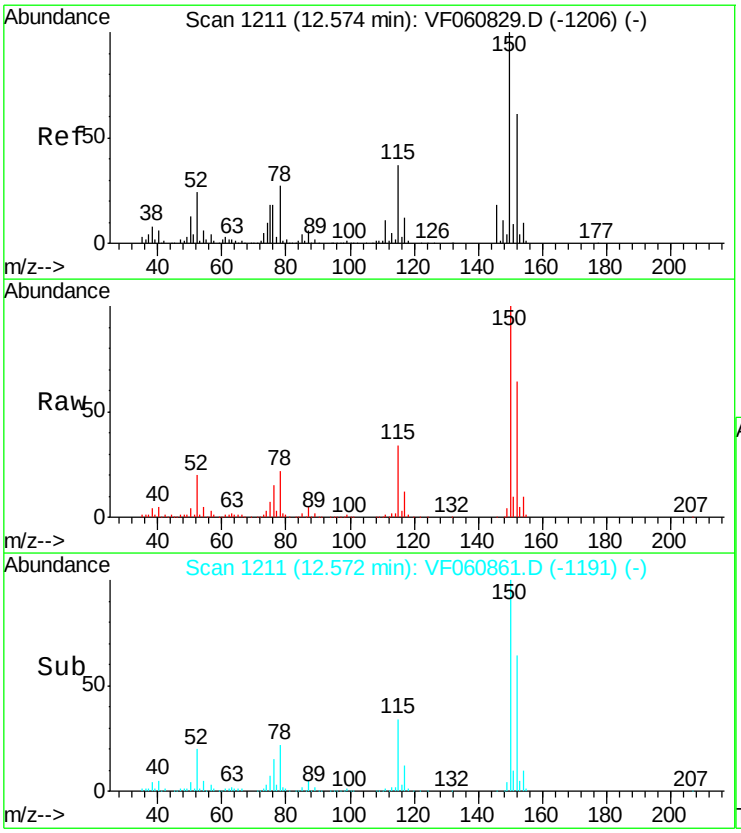

#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.57 min Scan# 1211
Delta R.T. -0.00 min
Lab File: VF060861.D
Acq: 28 Nov 2018 17:36

Tgt Ion:152 Resp: 137979

Ion	Ratio	Lower	Upper
152	100		
115	53.8	30.1	90.5
150	155.9	0.0	327.6