Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF112718\
Data File : VF060839.D
Acq On : 27 Nov 2018 15:29
Operator : VA/AP
Sample : J5996-12
Misc : 5.74g/5mL/MSVOA-F/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :
AOC1-05-A

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Quant Time: Nov 28 03:30:39 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	234130	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	5.63	114	372700	50.00	ug/l	-0.01
63) Chlorobenzene-d5	9.81	117	375444	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.57	152	206808	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.88	65	123334	44.72	ug/l	0.00
Spiked Amount 50.000			Recovery = 89.44%			
35) Dibromofluoromethane	4.15	113	136553	46.18	ug/l	0.00
Spiked Amount 50.000			Recovery = 92.36%			
50) Toluene-d8	7.58	98	366892	42.12	ug/l	-0.01
Spiked Amount 50.000			Recovery = 84.24%			
62) 4-Bromofluorobenzene	11.44	95	188727	47.68	ug/l	0.00
Spiked Amount 50.000			Recovery = 95.36%			
Target Compounds						Qvalue
20) Methylene Chloride	2.25	84	7404m	3.97	ug/l	
52) Toluene	7.65	92	13857	2.16	ug/l	100
68) m/p-Xylenes	10.16	106	13423	2.74	ug/l	93
69) o-Xylene	10.74	106	6796	1.26	ug/l	68
80) 1,3,5-Trimethylbenzene	11.84	105	17278	1.30	ug/l	96
84) 1,2,4-Trimethylbenzene	12.23	105	61921	4.68	ug/l	98
93) 1,2,4-Trichlorobenzene	14.22	180	8214	1.82	ug/l	98

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

Quantitation Report (QT/LSC Reviewed)

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Instrument :
MSVOA_F
ClientSampleId :
AOC1-05-A

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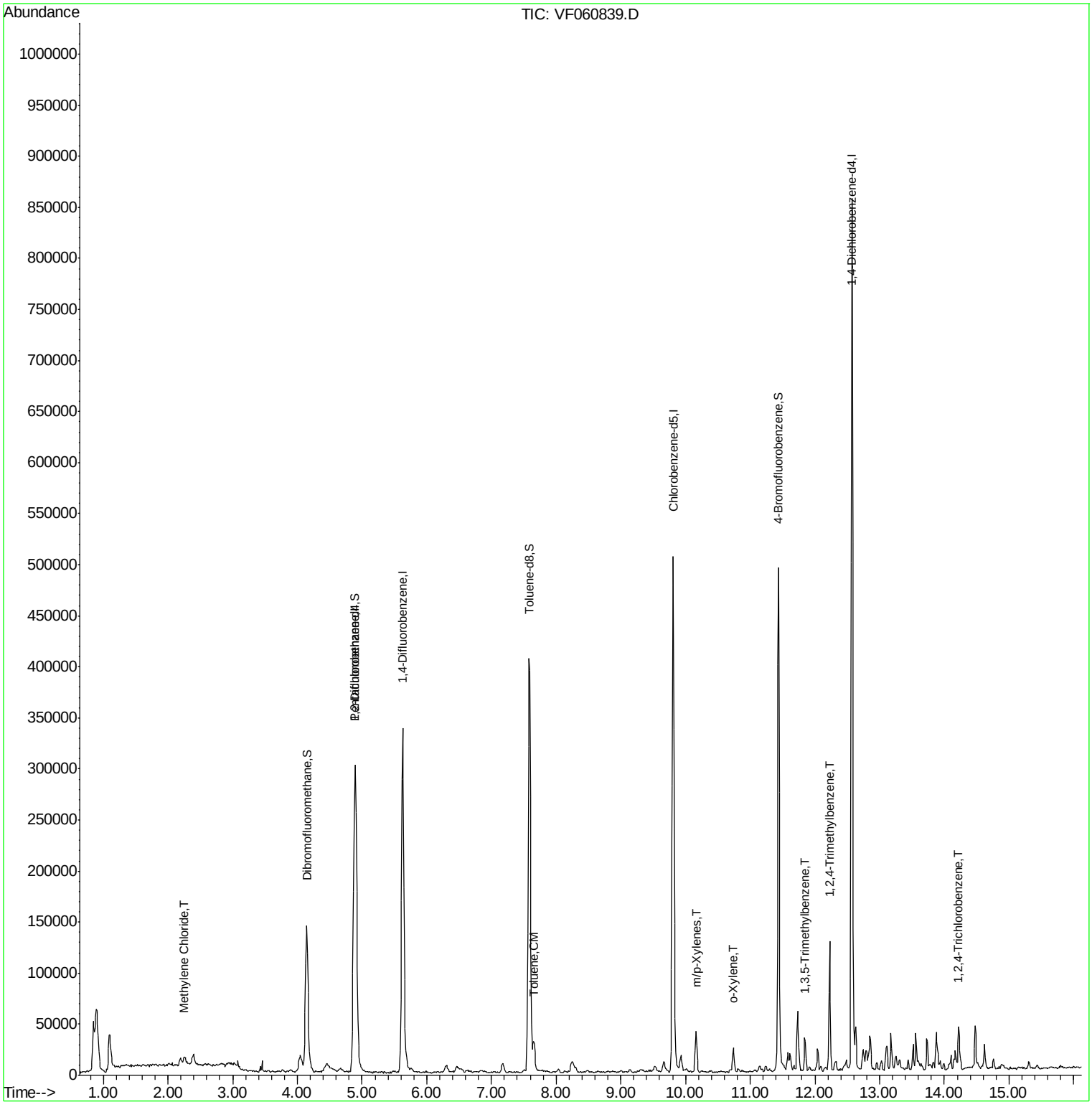
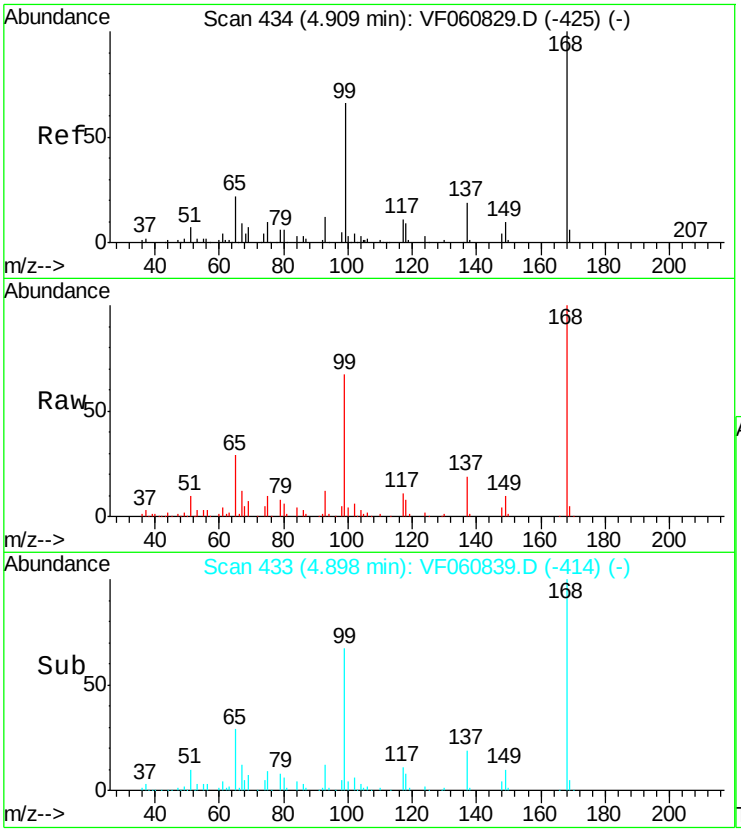
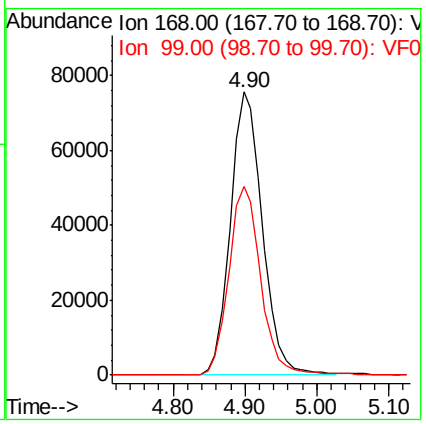




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 4.90 min Scan# 433
Delta R.T. -0.01 min
Lab File: VF060839.D
Acq: 27 Nov 2018 15:29

Tgt Ion:168 Resp: 234130

Ion	Ratio	Lower	Upper
168	100		
99	66.7	52.6	79.0



Instrument :
MSVOA_F
ClientSampleId :
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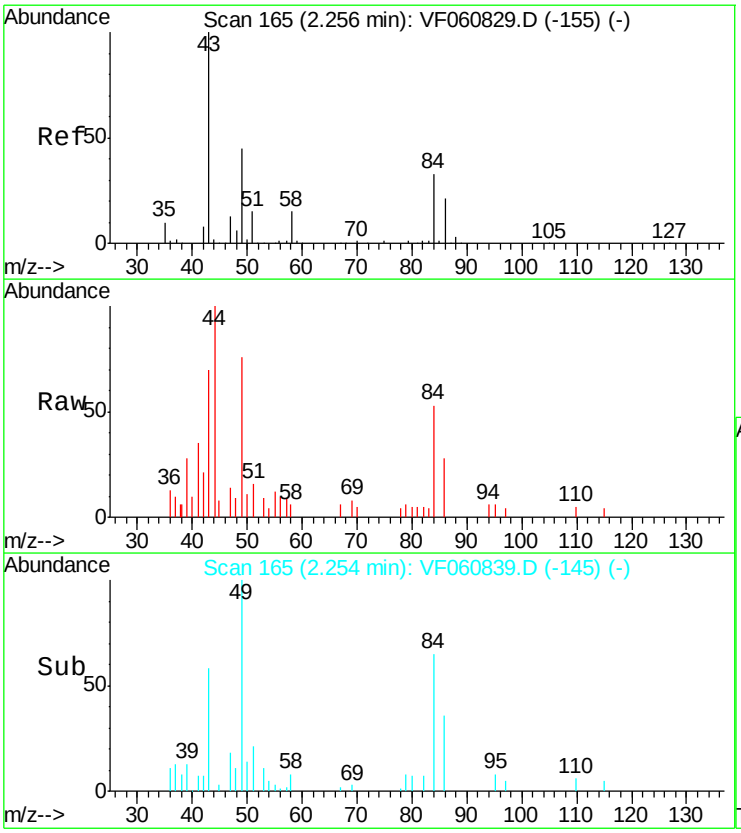
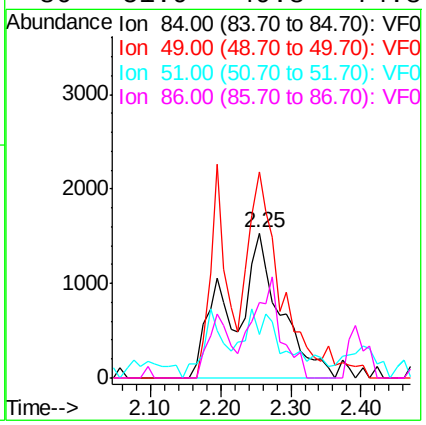
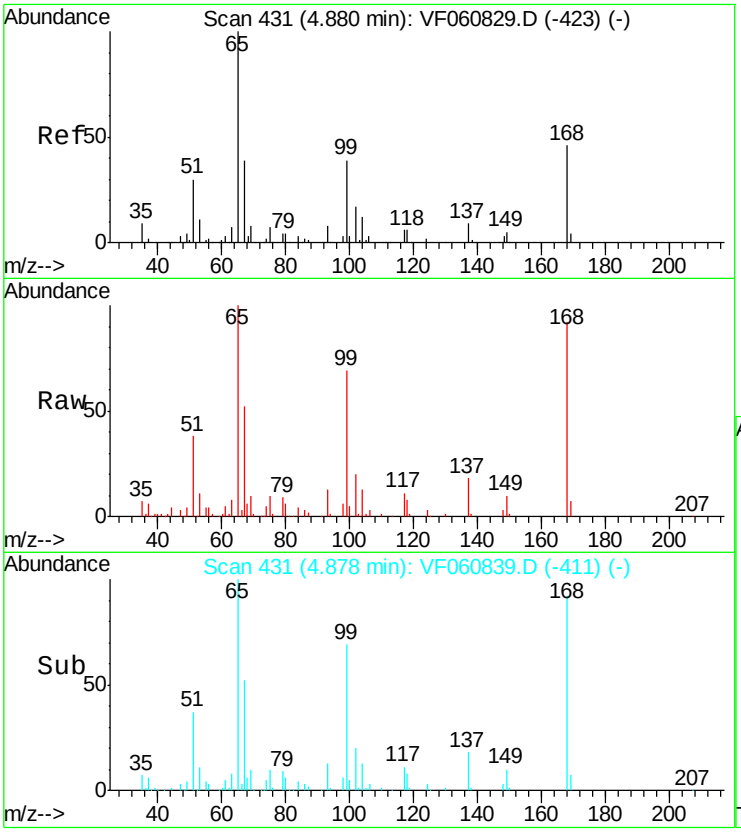


#20
Methylene Chloride
Concen: 3.97 ug/l m
RT: 2.25 min Scan# 165
Delta R.T. -0.00 min
Lab File: VF060839.D
Acq: 27 Nov 2018 15:29

Tgt Ion: 84 Resp: 7404

Ion	Ratio	Lower	Upper
84	100		
49	142.8	111.3	166.9
51	30.3	38.0	57.0#
86	51.9	49.8	74.8

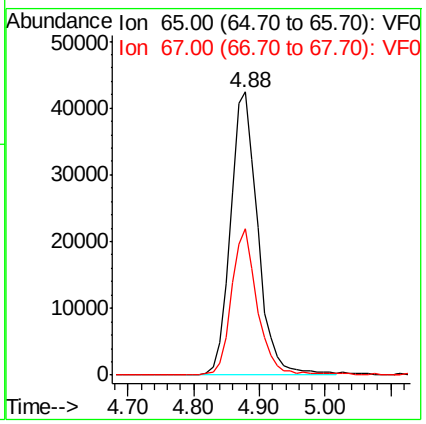




#33
1,2-Dichloroethane-d4
Concen: 44.72 ug/l
RT: 4.88 min Scan# 431
Delta R.T. -0.00 min
Lab File: VF060839.D
Acq: 27 Nov 2018 15:29

Tgt Ion: 65 Resp: 123334

Ion	Ratio	Lower	Upper
65	100		
67	52.0	0.0	96.4



Instrument :
MSVOA_F
ClientSampleId :
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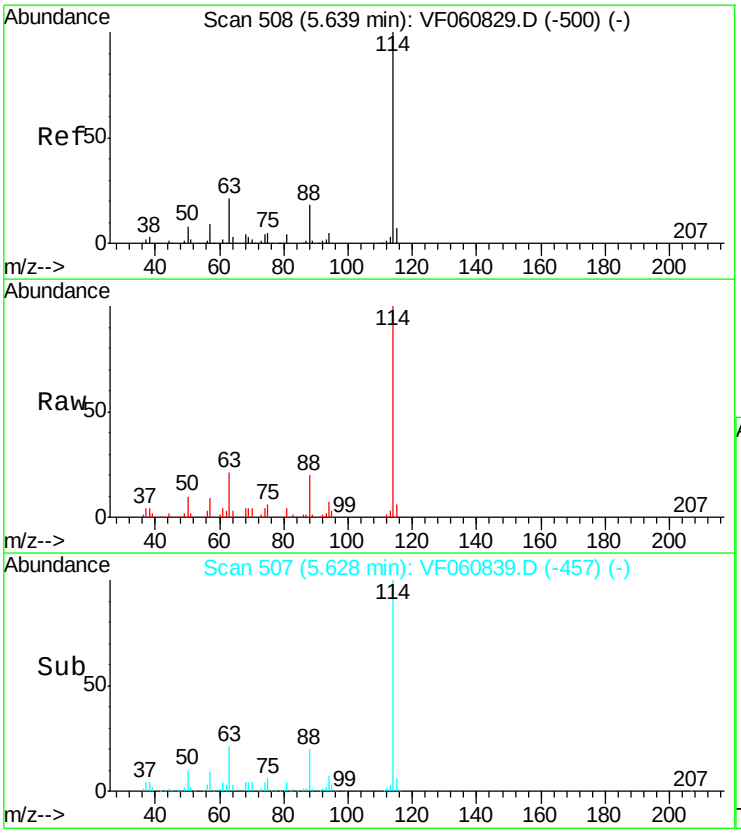
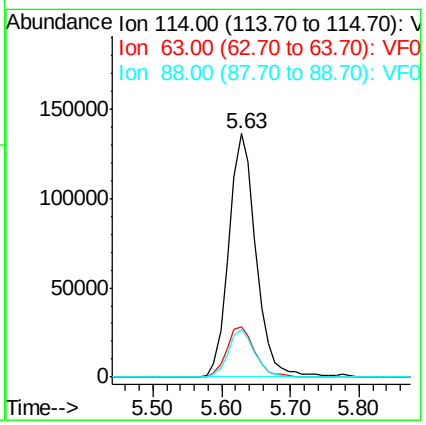
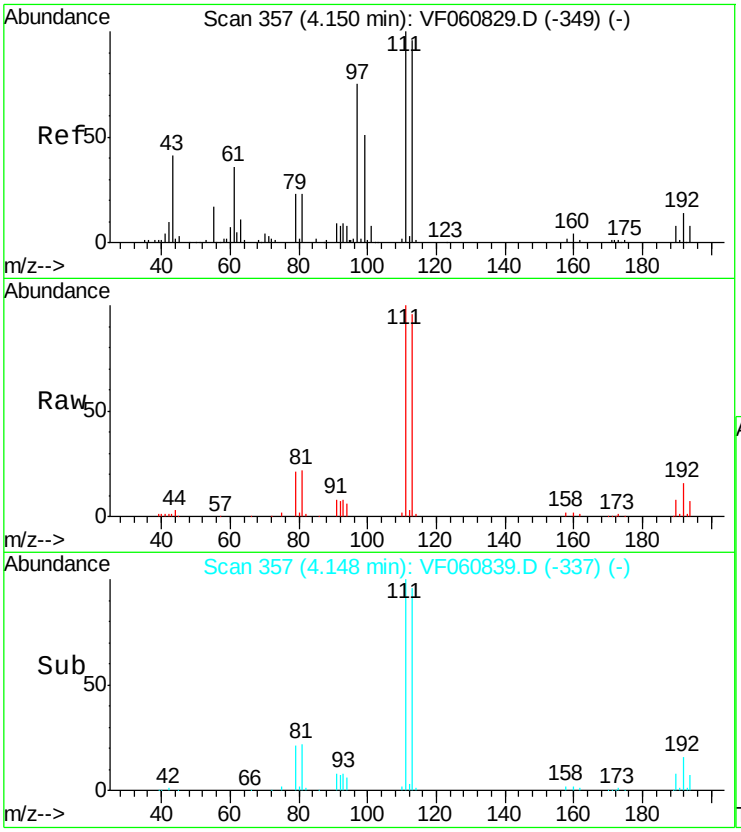


#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 5.63 min Scan# 507
Delta R.T. -0.01 min
Lab File: VF060839.D
Acq: 27 Nov 2018 15:29

Tgt Ion:114 Resp: 372700

Ion	Ratio	Lower	Upper
114	100		
63	20.9	0.0	41.6
88	19.8	0.0	36.6

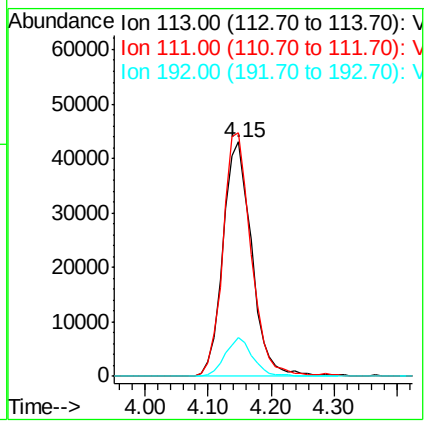




#35
Dibromofluoromethane
Concen: 46.18 ug/l
RT: 4.15 min Scan# 357
Delta R.T. -0.00 min
Lab File: VF060839.D
Acq: 27 Nov 2018 15:29

Tgt Ion:113 Resp: 136553

Ion	Ratio	Lower	Upper
113	100		
111	103.9	83.0	124.6
192	16.7	12.3	18.5



Instrument :
MSVOA_F
ClientSampleId :
AOC1-05-A

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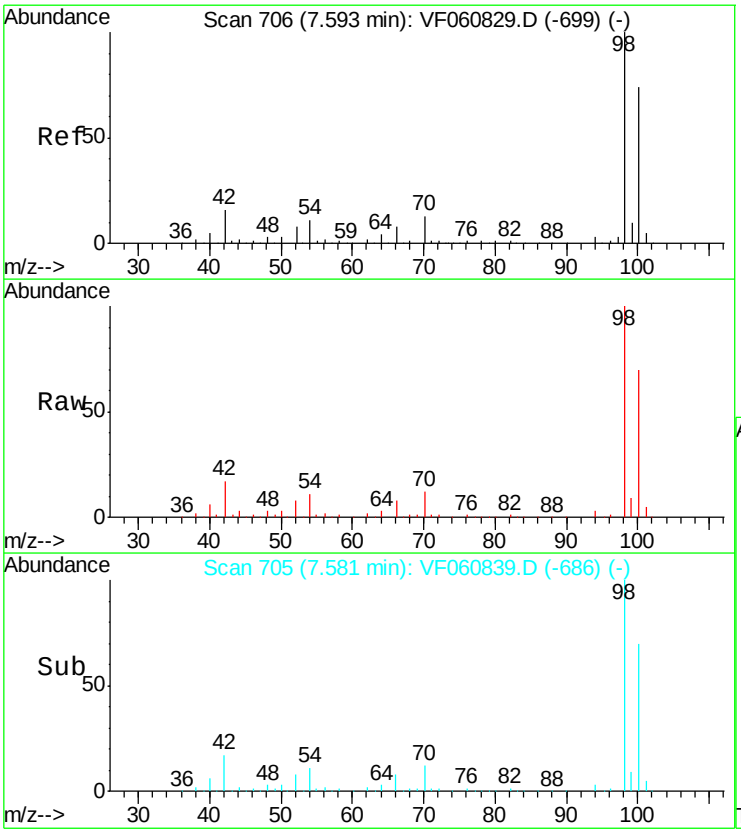
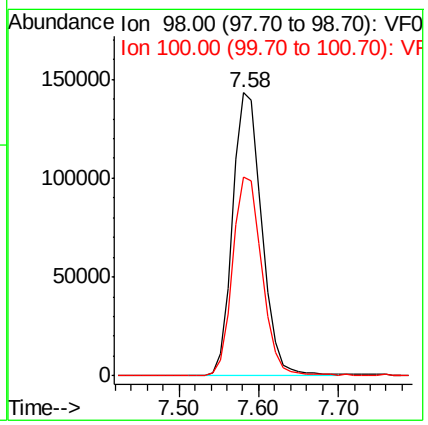
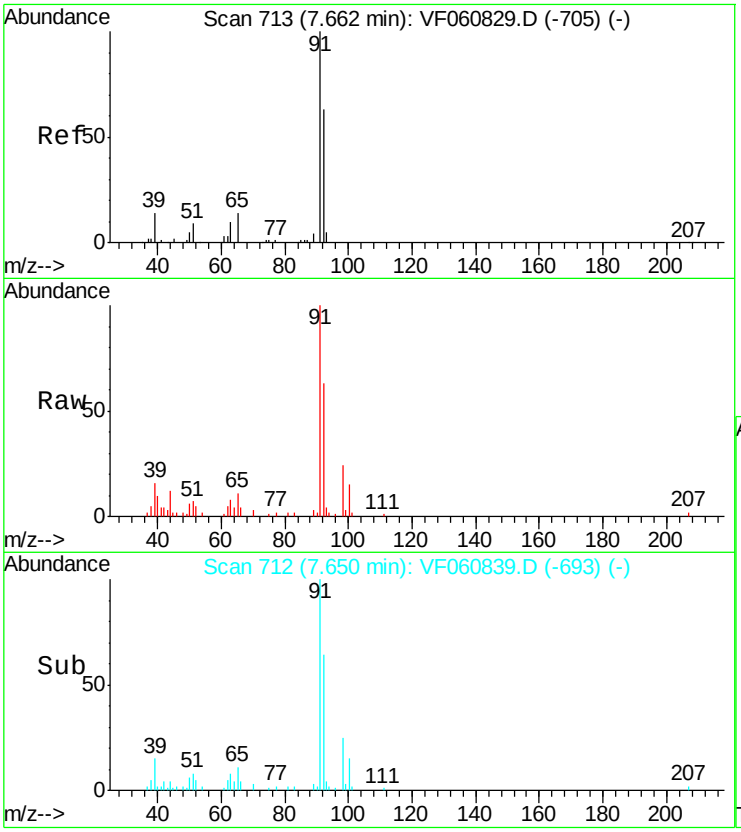


#50
Toluene-d8
Concen: 42.12 ug/l
RT: 7.58 min Scan# 705
Delta R.T. -0.01 min
Lab File: VF060839.D
Acq: 27 Nov 2018 15:29

Tgt Ion: 98 Resp: 366892

Ion	Ratio	Lower	Upper
98	100		
100	70.1	59.3	88.9

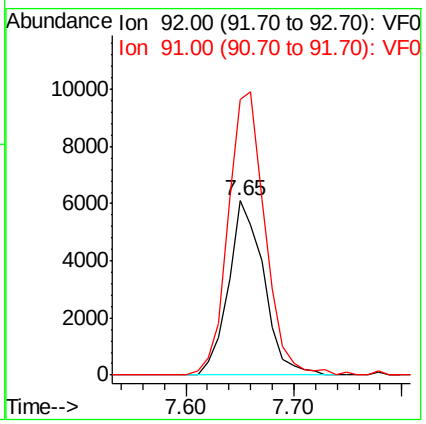




#52
Toluene
Concen: 2.16 ug/l
RT: 7.65 min Scan# 712
Delta R.T. -0.01 min
Lab File: VF060839.D
Acq: 27 Nov 2018 15:29

Tgt Ion: 92 Resp: 13857

Ion	Ratio	Lower	Upper
92	100		
91	158.3	126.2	189.2



Instrument :
MSVOA_F
ClientSampleId :
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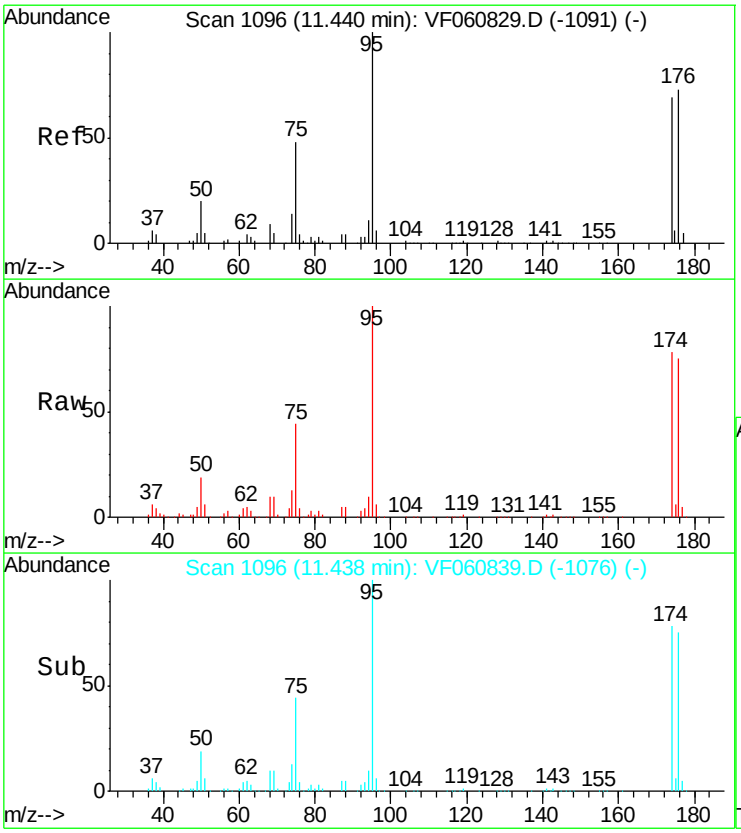
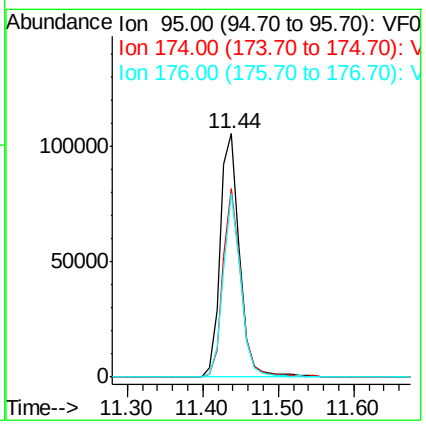
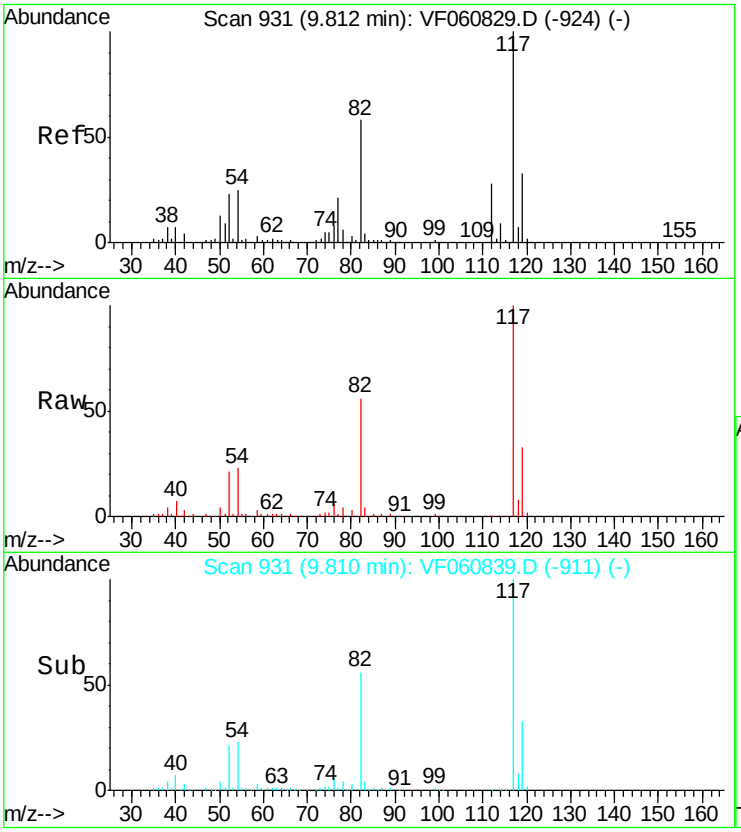


#62
4-Bromofluorobenzene
Concen: 47.68 ug/l
RT: 11.44 min Scan# 1096
Delta R.T. -0.00 min
Lab File: VF060839.D
Acq: 27 Nov 2018 15:29

Tgt Ion: 95 Resp: 188727

Ion	Ratio	Lower	Upper
95	100		
174	77.5	0.0	138.2
176	75.5	0.0	146.2

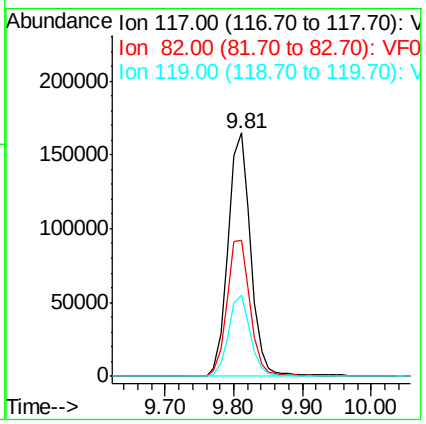




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.81 min Scan# 931
Delta R.T. -0.00 min
Lab File: VF060839.D
Acq: 27 Nov 2018 15:29

Tgt Ion:117 Resp: 375444

Ion	Ratio	Lower	Upper
117	100		
82	56.1	46.6	69.8
119	33.4	26.4	39.6



Instrument :
MSVOA_F
ClientSampleId :
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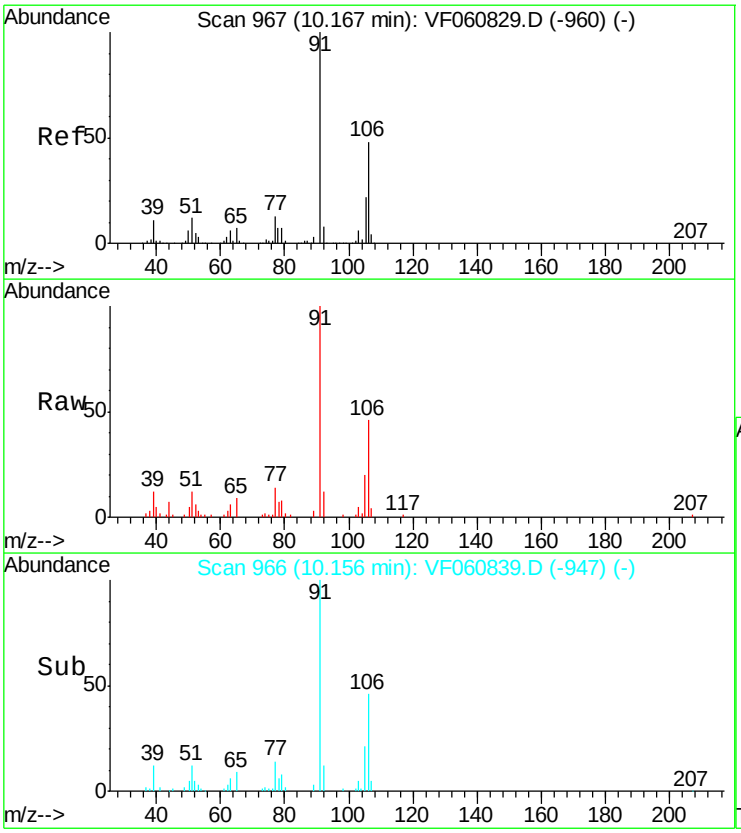
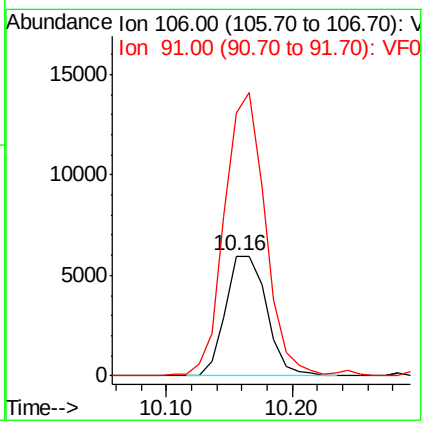
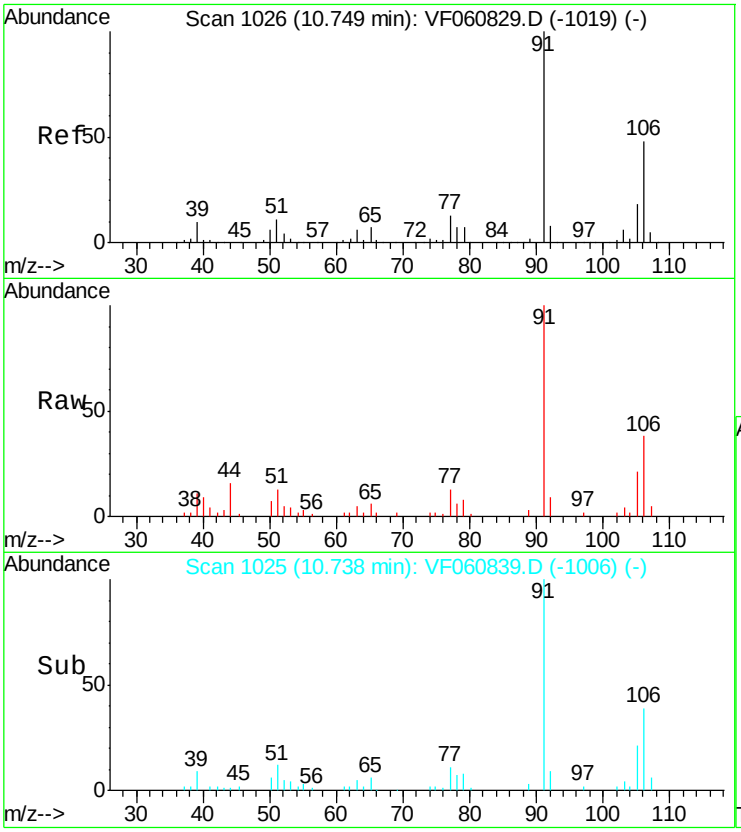


#68
m/p-Xylenes
Concen: 2.74 ug/l
RT: 10.16 min Scan# 966
Delta R.T. -0.01 min
Lab File: VF060839.D
Acq: 27 Nov 2018 15:29

Tgt Ion:106 Resp: 13423

Ion	Ratio	Lower	Upper
106	100		
91	219.8	166.7	250.1





#69
o-Xylene
Concen: 1.26 ug/l
RT: 10.74 min Scan# 1025
Delta R.T. -0.01 min
Lab File: VF060839.D
Acq: 27 Nov 2018 15:29

Tgt Ion:106 Resp: 6796

Ion	Ratio	Lower	Upper
106	100		
91	260.0	104.8	314.6

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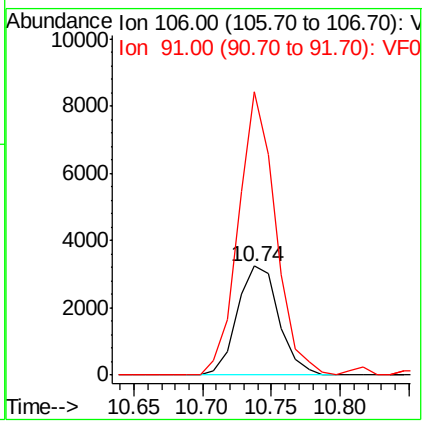
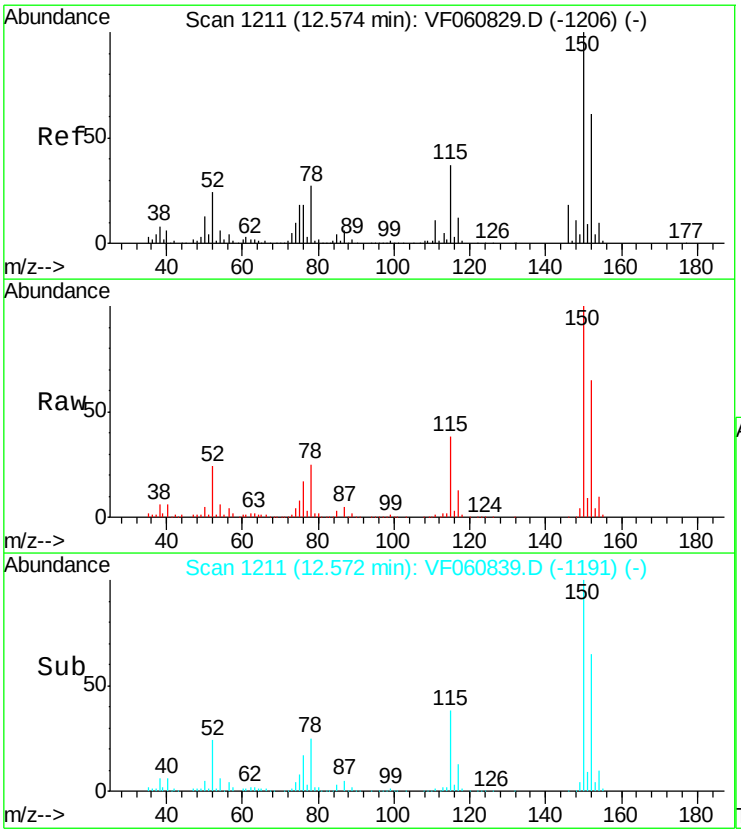
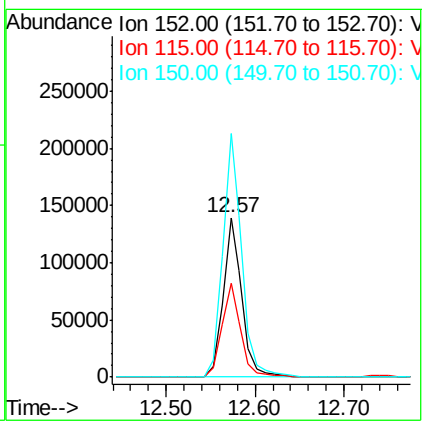


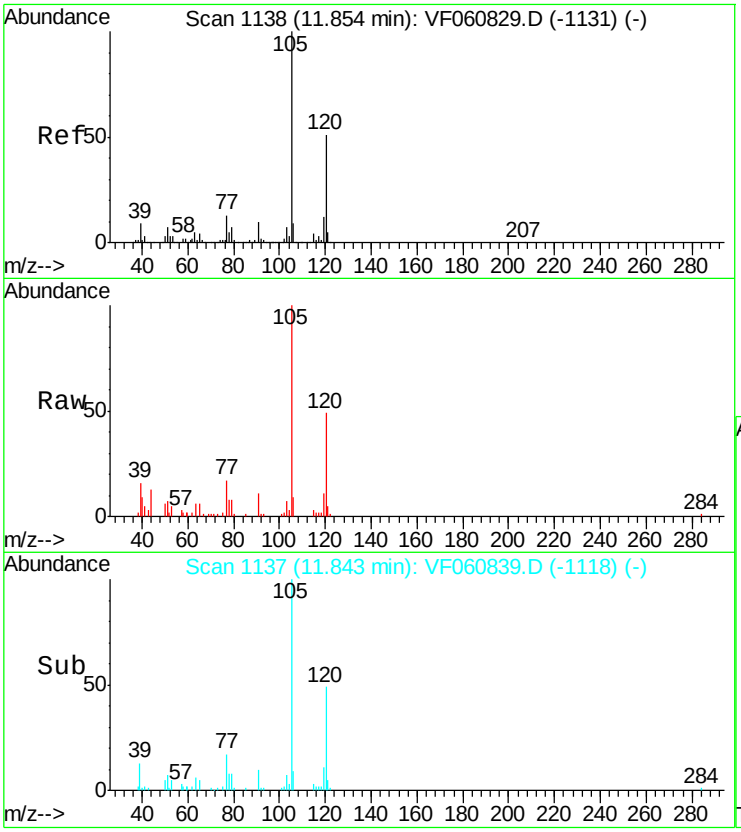


#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.57 min Scan# 1211
Delta R.T. -0.00 min
Lab File: VF060839.D
Acq: 27 Nov 2018 15:29

Tgt Ion:152 Resp: 206808

Ion	Ratio	Lower	Upper
152	100		
115	58.5	30.1	90.5
150	152.7	0.0	327.6

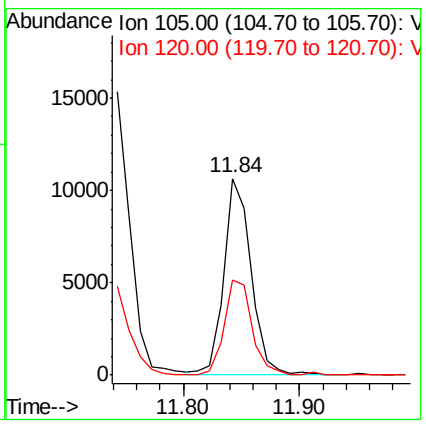




#80
1,3,5-Trimethylbenzene
Concen: 1.30 ug/l
RT: 11.84 min Scan# 1137
Delta R.T. -0.01 min
Lab File: VF060839.D
Acq: 27 Nov 2018 15:29

Tgt Ion:105 Resp: 17278

Ion	Ratio	Lower	Upper
105	100		
120	48.7	25.8	77.3



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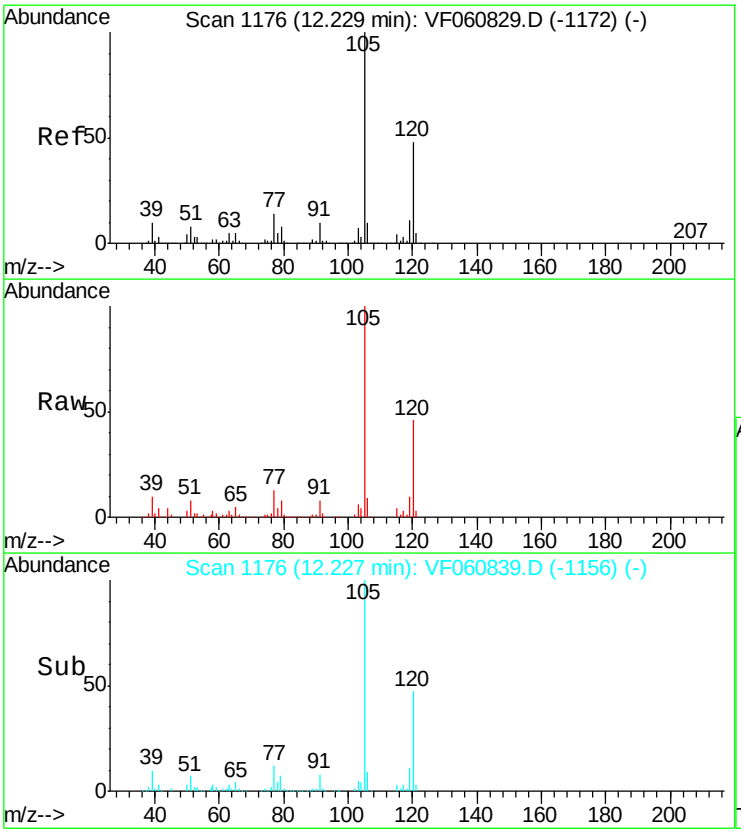
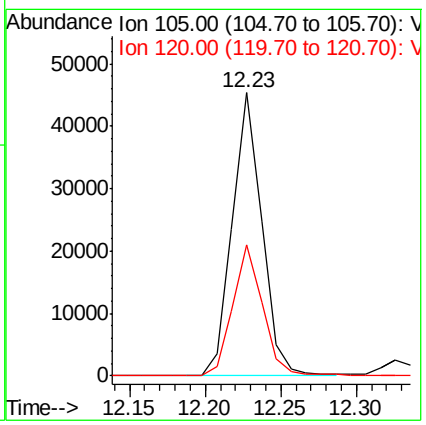
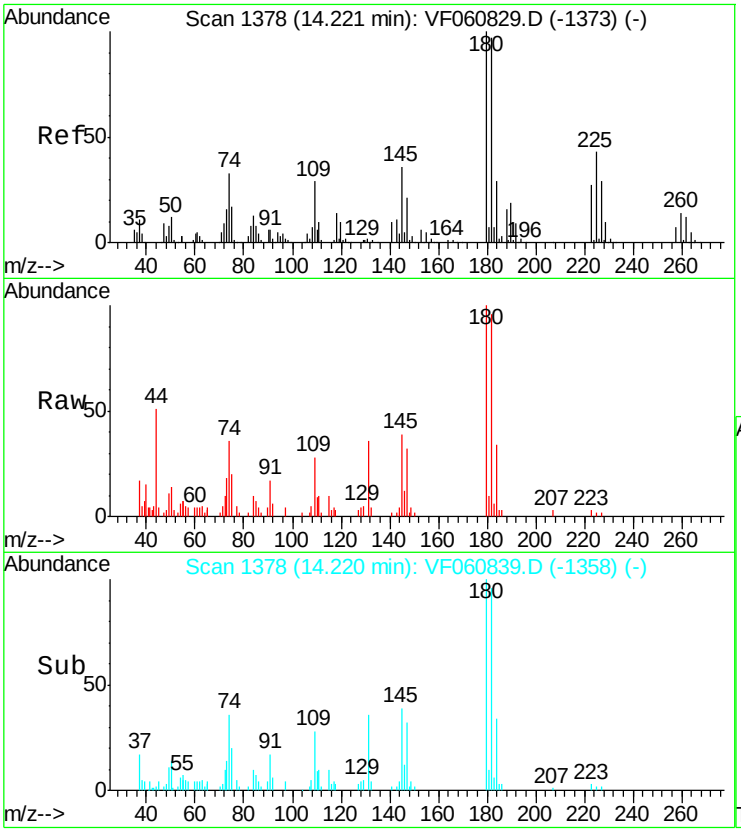


#84
1,2,4-Trimethylbenzene
Concen: 4.68 ug/l
RT: 12.23 min Scan# 1176
Delta R.T. -0.00 min
Lab File: VF060839.D
Acq: 27 Nov 2018 15:29

Tgt Ion:105 Resp: 61921

Ion	Ratio	Lower	Upper
105	100		
120	46.2	23.8	71.5

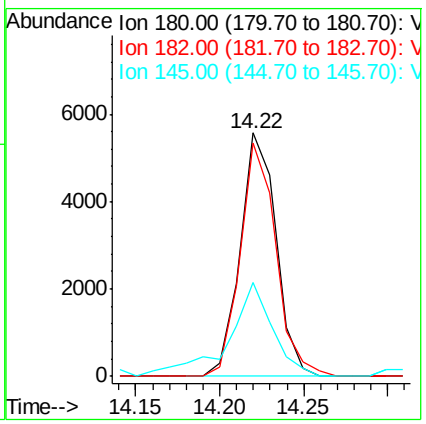




#93
1,2,4-Trichlorobenzene
Concen: 1.82 ug/l
RT: 14.22 min Scan# 1378
Delta R.T. -0.00 min
Lab File: VF060839.D
Acq: 27 Nov 2018 15:29

Tgt Ion:180 Resp: 8214

Ion	Ratio	Lower	Upper
180	100		
182	95.7	48.5	145.5
145	38.7	18.1	54.3



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