Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF121718\
Data File : VF061046.D
Acq On : 17 Dec 2018 17:56
Operator : VA/AP
Sample : J6353-05
Misc : 5.20g/5mL/MSVOA-F/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId : P001-SS002-0002-01

Quant Time: Dec 18 03:51:11 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	4.89	168	139553	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	5.62	114	242304	50.00	ug/l	-0.02
63) Chlorobenzene-d5	9.79	117	181388	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	12.56	152	75403	50.00	ug/l	-0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.86	65	80778	49.14	ug/l	-0.02
Spiked Amount 50.000			Recovery = 98.28%			
35) Dibromofluoromethane	4.14	113	87274	45.40	ug/l	-0.01
Spiked Amount 50.000			Recovery = 90.80%			
50) Toluene-d8	7.57	98	234167	41.35	ug/l	-0.02
Spiked Amount 50.000			Recovery = 82.70%			
62) 4-Bromofluorobenzene	11.43	95	86046	33.44	ug/l	-0.01
Spiked Amount 50.000			Recovery = 66.88%			
Target Compounds						Qvalue
67) Ethyl Benzene	9.92	91	9250	1.408	ug/l #	88
68) m/p-Xylenes	10.15	106	7901	3.344	ug/l	82
69) o-Xylene	10.73	106	5295	2.032	ug/l	84
70) Styrene	10.80	104	5234	1.449	ug/l #	86
80) 1,3,5-Trimethylbenzene	11.83	105	18840	3.895	ug/l	88
84) 1,2,4-Trimethylbenzene	12.22	105	16854	3.491	ug/l	94

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

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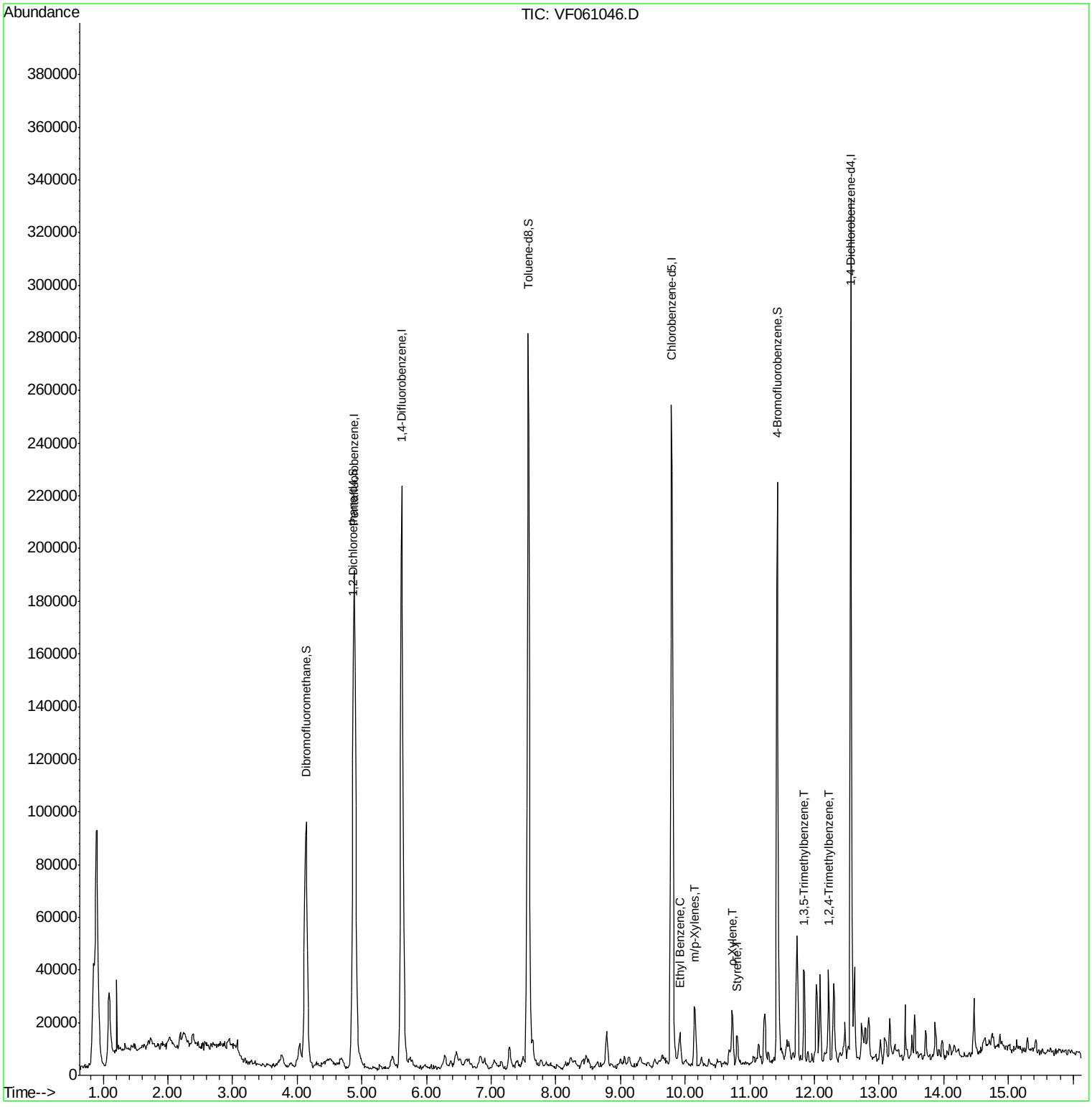
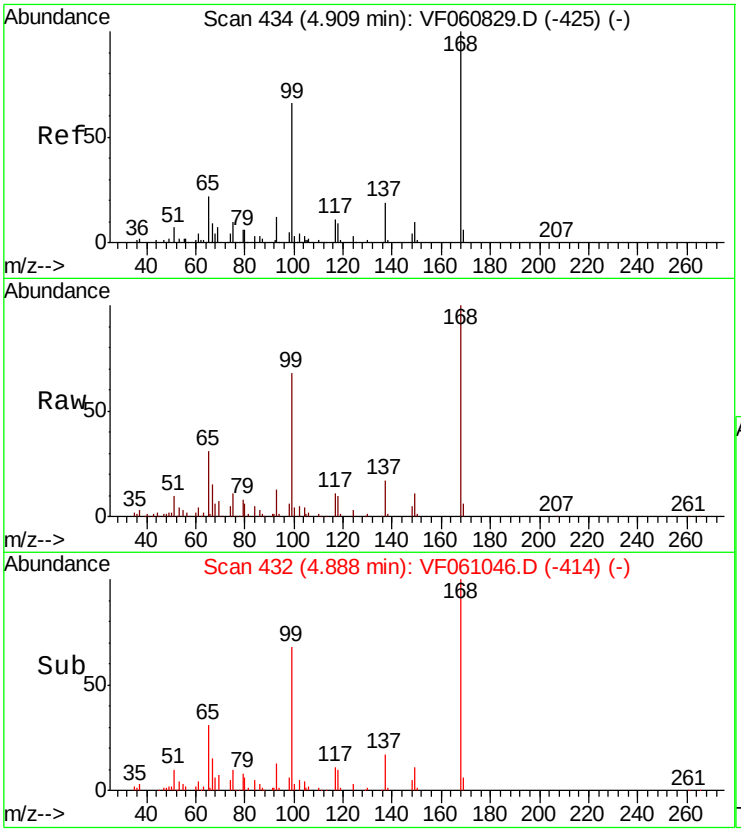


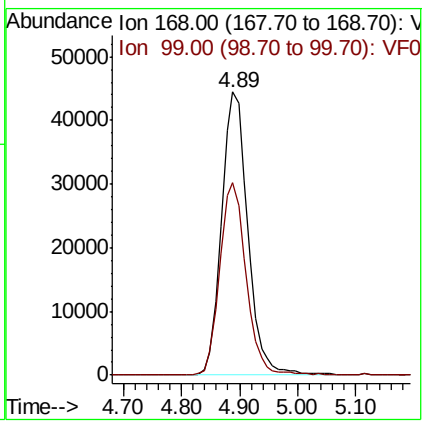


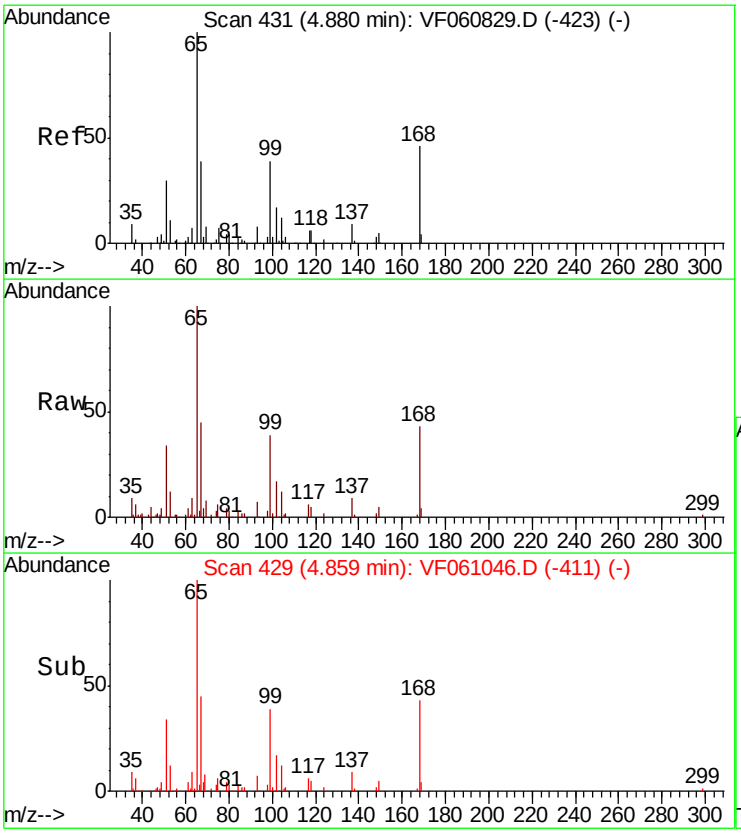
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 4.89 min Scan# 432
Delta R.T. -0.02 min
Lab File: VF061046.D
Acq: 17 Dec 2018 17:56

Instrument :
MSVOA_F
ClientSampleId :
P001-SS002-0002-01

Tgt Ion:168 Resp: 139553

Ion	Ratio	Lower	Upper
168	100		
99	68.1	52.6	79.0

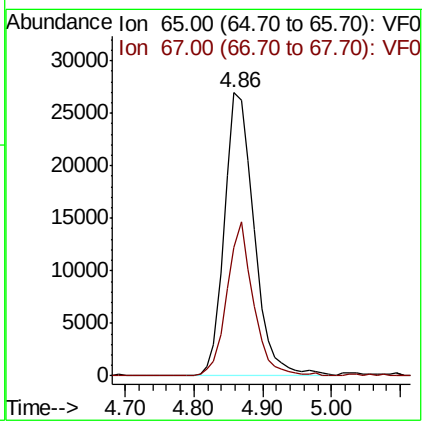


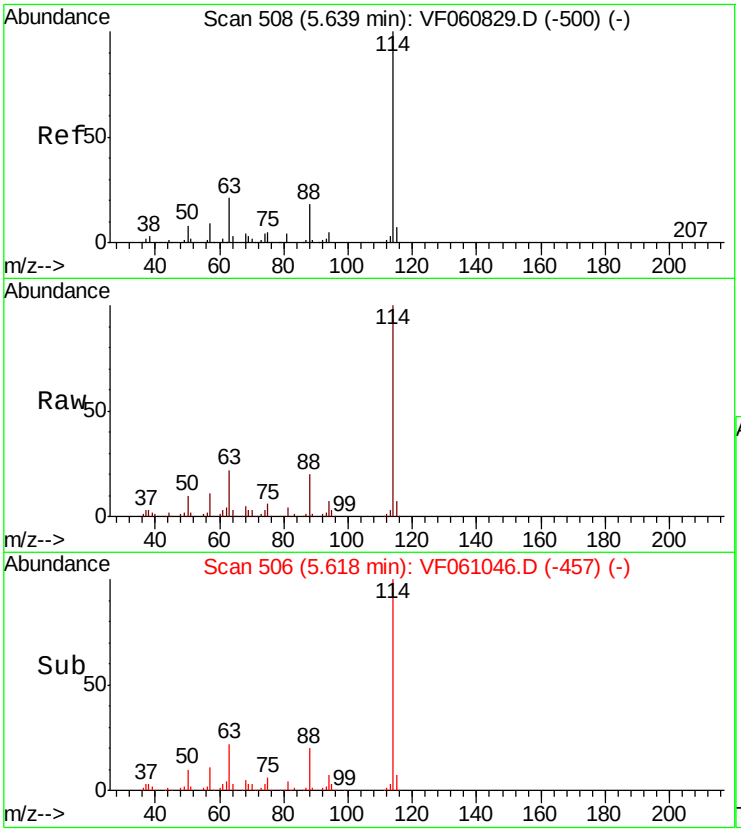


#33
1,2-Dichloroethane-d4
Concen: 49.136 ug/l
RT: 4.86 min Scan# 429
Delta R.T. -0.02 min
Lab File: VF061046.D
Acq: 17 Dec 2018 17:56

Tgt Ion: 65 Resp: 80778

Ion	Ratio	Lower	Upper
65	100		
67	45.4	0.0	96.4



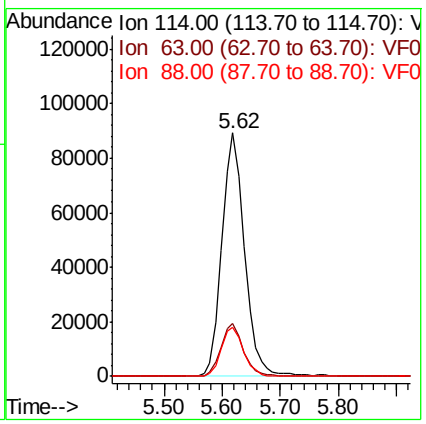


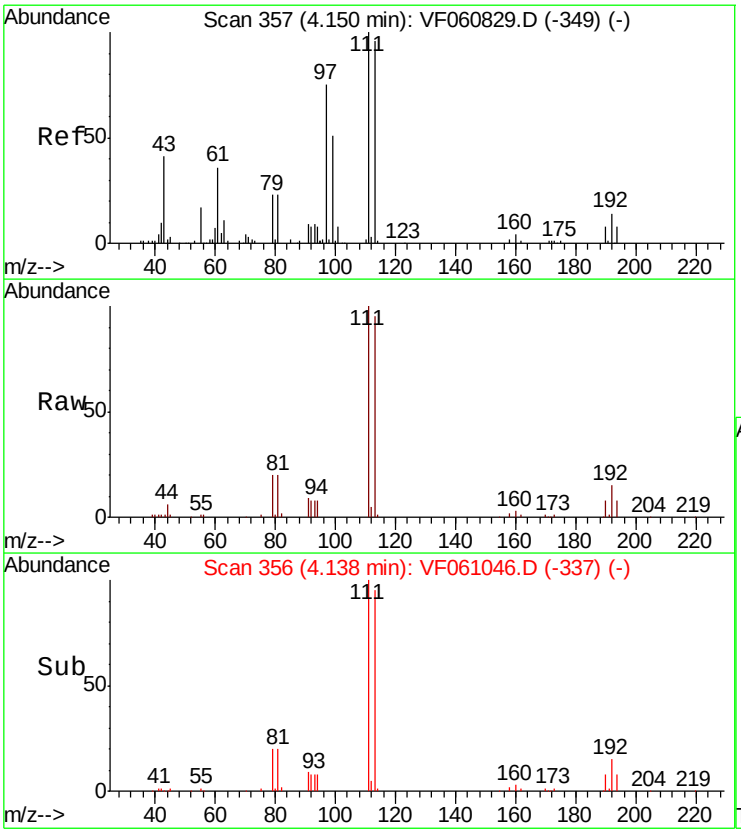
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.62 min Scan# 506
Delta R.T. -0.02 min
Lab File: VF061046.D
Acq: 17 Dec 2018 17:56

Instrument :
MSVOA_F
ClientSampleId :
P001-SS002-0002-01

Tgt Ion:114 Resp: 242304

Ion	Ratio	Lower	Upper
114	100		
63	21.9	0.0	41.6
88	20.2	0.0	36.6

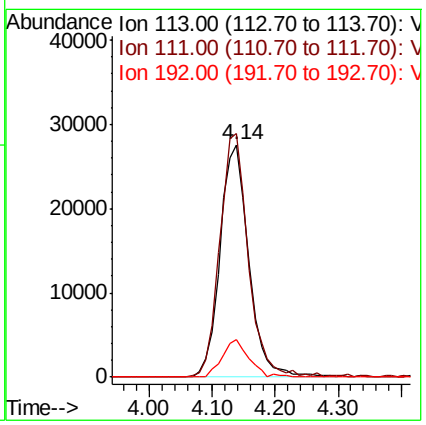


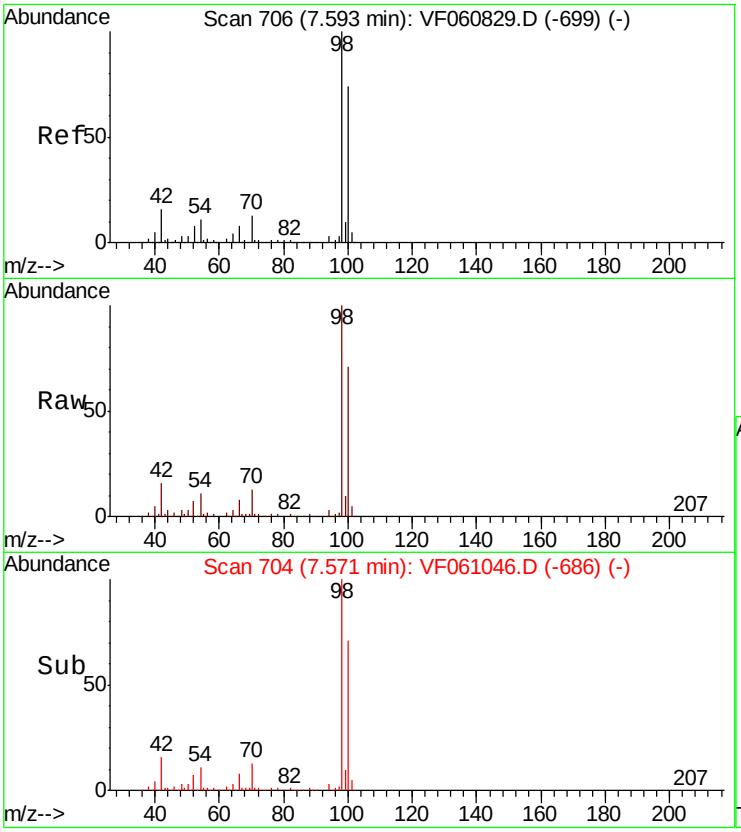


#35
Dibromofluoromethane
Concen: 45.402 ug/l
RT: 4.14 min Scan# 356
Delta R.T. -0.01 min
Lab File: VF061046.D
Acq: 17 Dec 2018 17:56

Tgt Ion:113 Resp: 87274

Ion	Ratio	Lower	Upper
113	100		
111	104.9	83.0	124.6
192	15.9	12.3	18.5



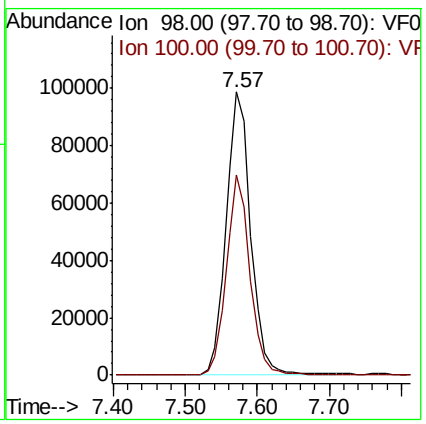


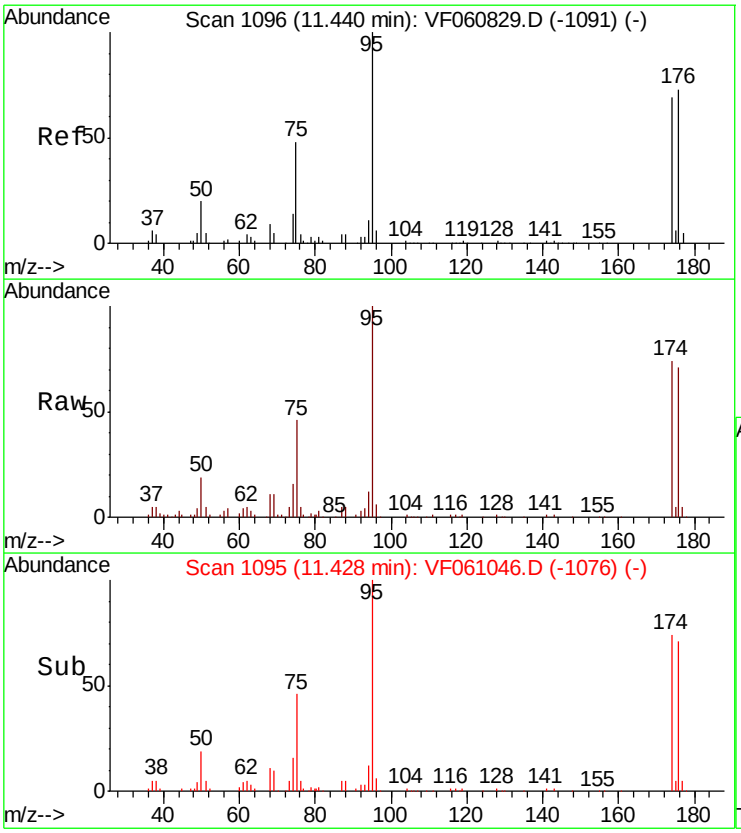
#50
Toluene-d8
Concen: 41.355 ug/l
RT: 7.57 min Scan# 704
Delta R.T. -0.02 min
Lab File: VF061046.D
Acq: 17 Dec 2018 17:56

Instrument :
MSVOA_F
ClientSampleId :
P001-SS002-0002-01

Tgt Ion: 98 Resp: 234167

Ion	Ratio	Lower	Upper
98	100		
100	70.9	59.3	88.9

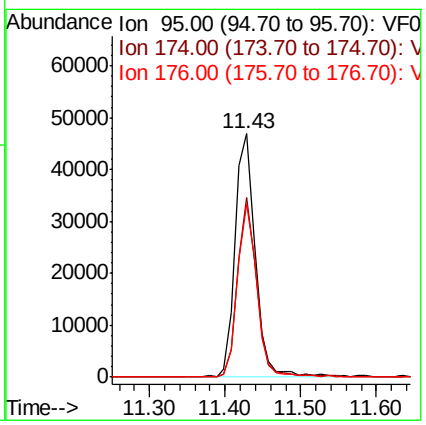


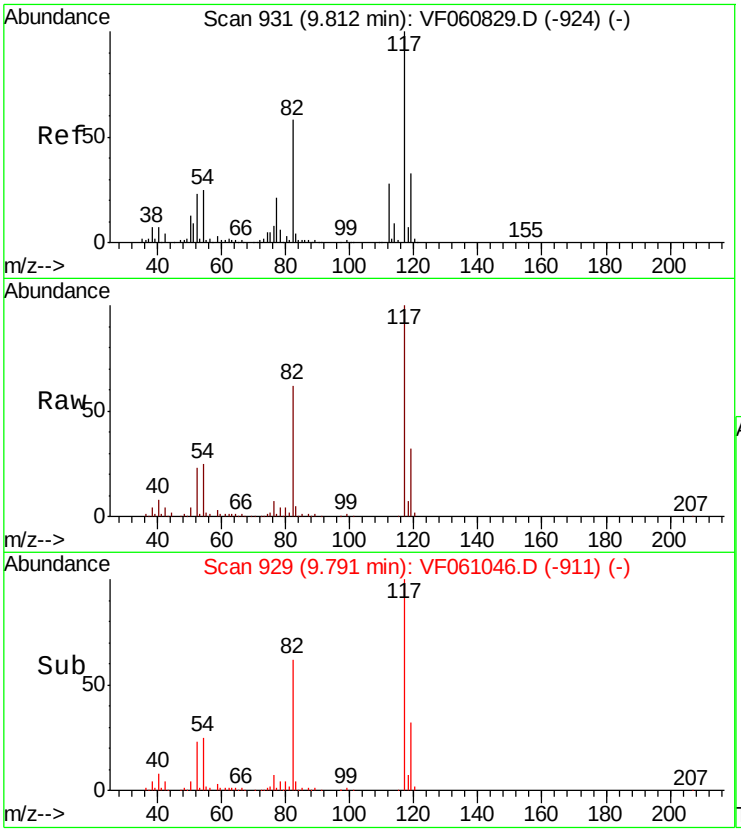


#62
4-Bromofluorobenzene
Concen: 33.436 ug/l
RT: 11.43 min Scan# 1095
Delta R.T. -0.01 min
Lab File: VF061046.D
Acq: 17 Dec 2018 17:56

Tgt Ion: 95 Resp: 86046

Ion	Ratio	Lower	Upper
95	100		
174	73.5	0.0	138.2
176	71.4	0.0	146.2



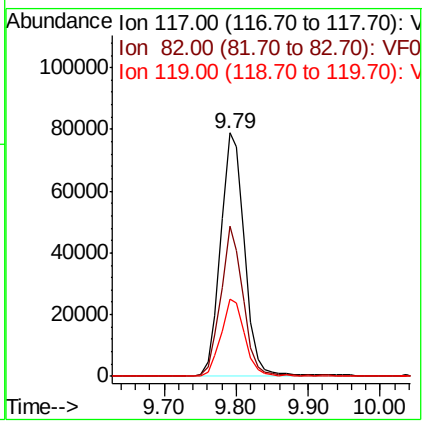


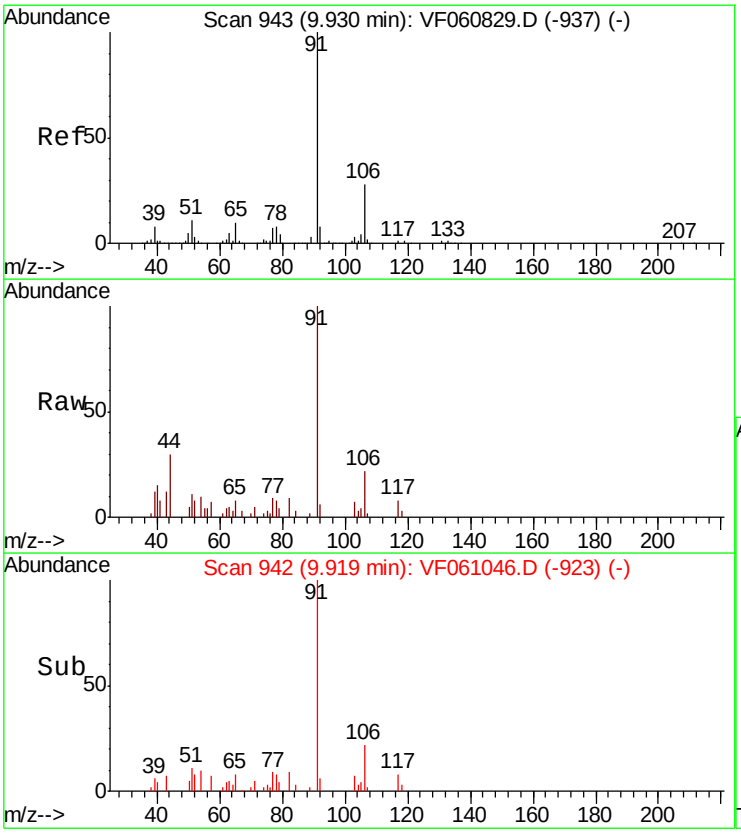
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.79 min Scan# 929
Delta R.T. -0.02 min
Lab File: VF061046.D
Acq: 17 Dec 2018 17:56

Instrument :
MSVOA_F
ClientSampleId :
P001-SS002-0002-01

Tgt Ion:117 Resp: 181388

Ion	Ratio	Lower	Upper
117	100		
82	61.7	46.6	69.8
119	31.6	26.4	39.6

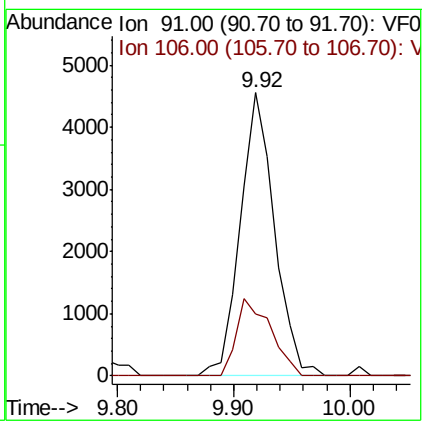


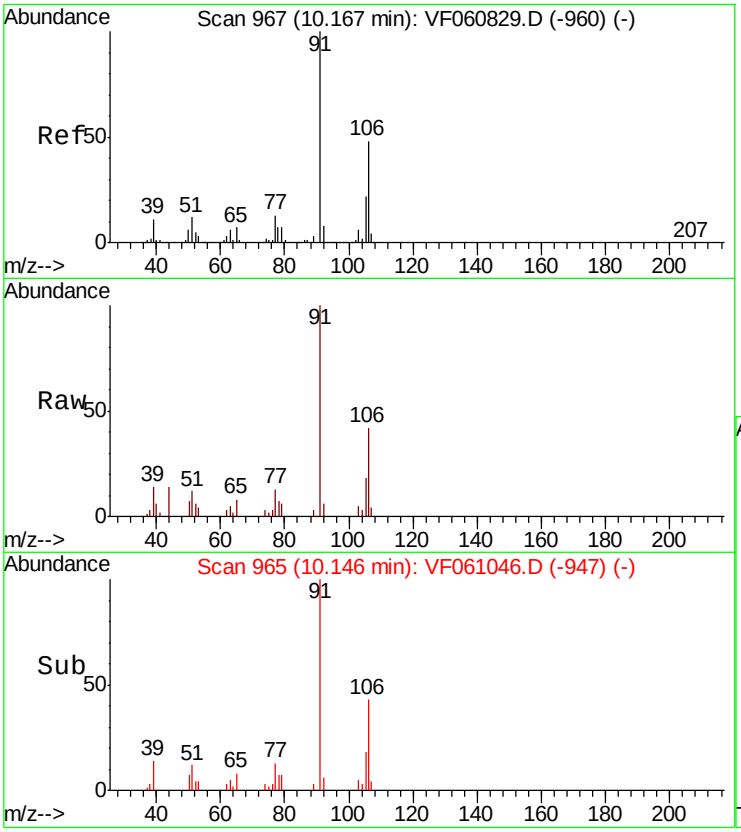


#67
Ethyl Benzene
Concen: 1.408 ug/l
RT: 9.92 min Scan# 942
Delta R.T. -0.01 min
Lab File: VF061046.D
Acq: 17 Dec 2018 17:56

Tgt Ion: 91 Resp: 9250

Ion	Ratio	Lower	Upper
91	100		
106	21.7	22.2	33.2#



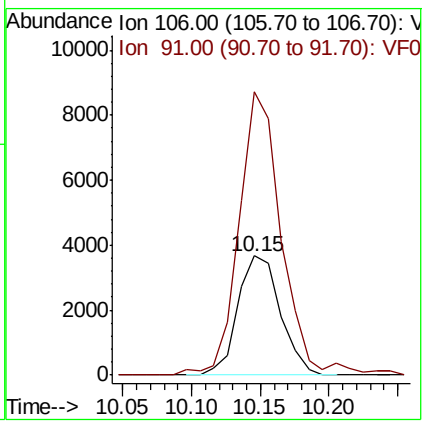


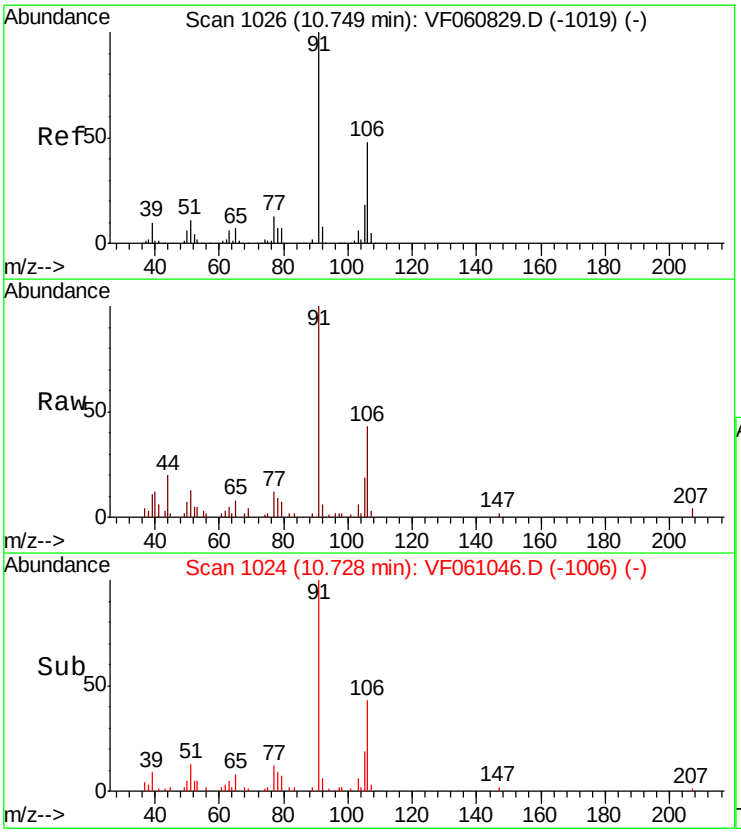
#68
m/p-Xylenes
Concen: 3.344 ug/l
RT: 10.15 min Scan# 965
Delta R.T. -0.02 min
Lab File: VF061046.D
Acq: 17 Dec 2018 17:56

Instrument :
MSVOA_F
ClientSampleId :
P001-SS002-0002-01

Tgt Ion:106 Resp: 7901

Ion	Ratio	Lower	Upper
106	100		
91	236.9	166.7	250.1

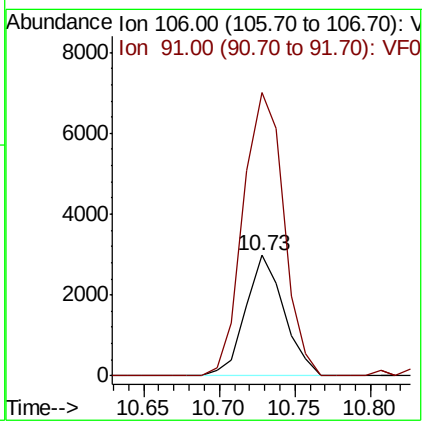


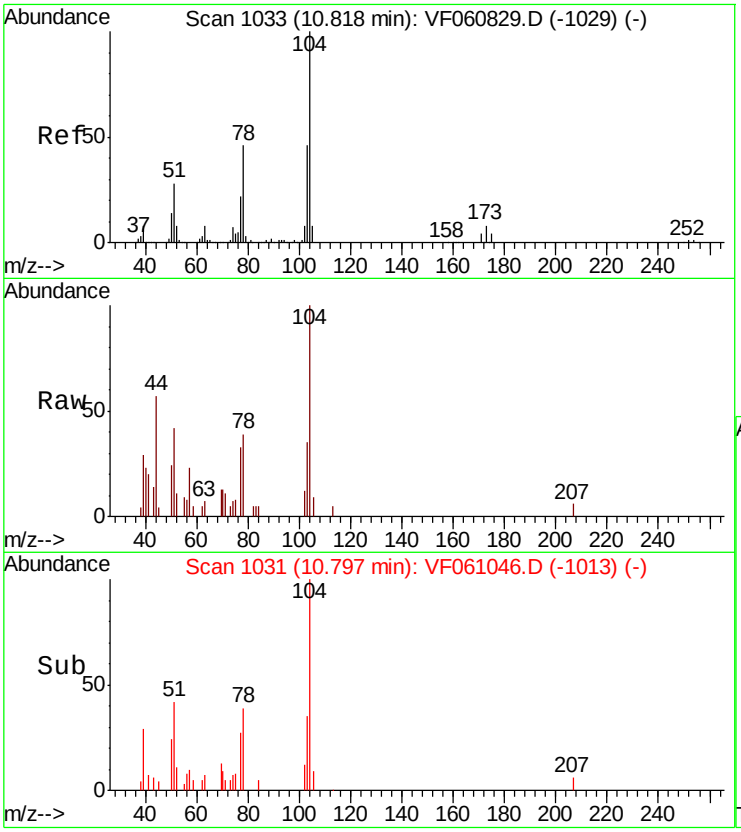


#69
o-Xylene
Concen: 2.032 ug/l
RT: 10.73 min Scan# 1024
Delta R.T. -0.02 min
Lab File: VF061046.D
Acq: 17 Dec 2018 17:56

Tgt Ion:106 Resp: 5295

Ion	Ratio	Lower	Upper
106	100		
91	234.5	104.8	314.6



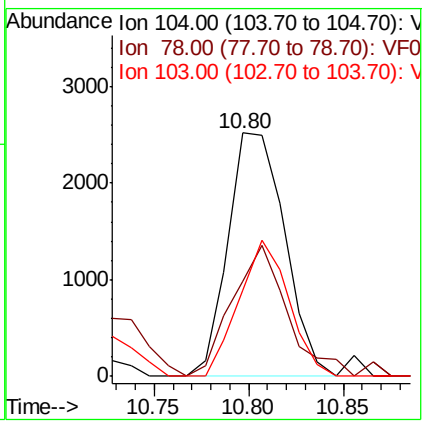


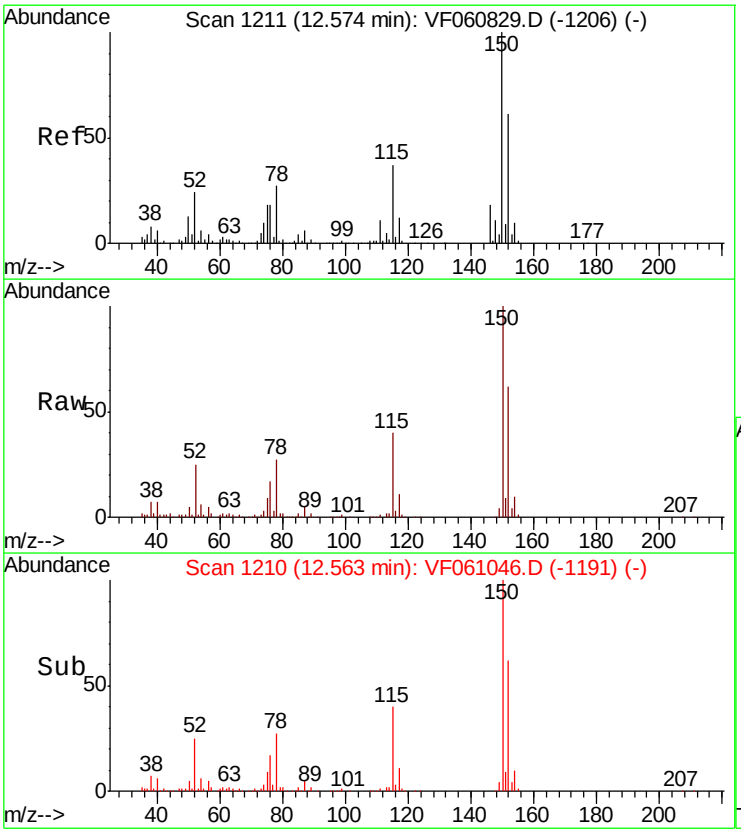
#70
Stvrene
Concen: 1.449 ug/l
RT: 10.80 min Scan# 1031
Delta R.T. -0.02 min
Lab File: VF061046.D
Acq: 17 Dec 2018 17:56

Instrument :
MSVOA_F
ClientSampleId :
P001-SS002-0002-01

Tgt Ion:104 Resp: 5234

Ion	Ratio	Lower	Upper
104	100		
78	39.2	37.3	55.9
103	35.2	36.8	55.2#

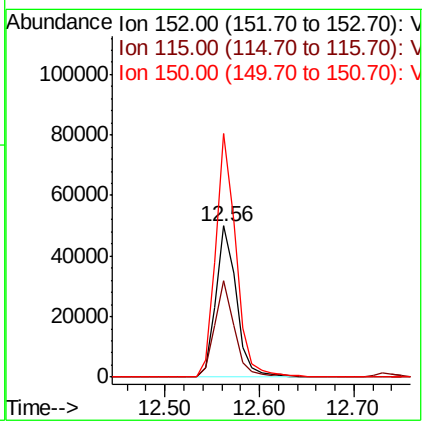


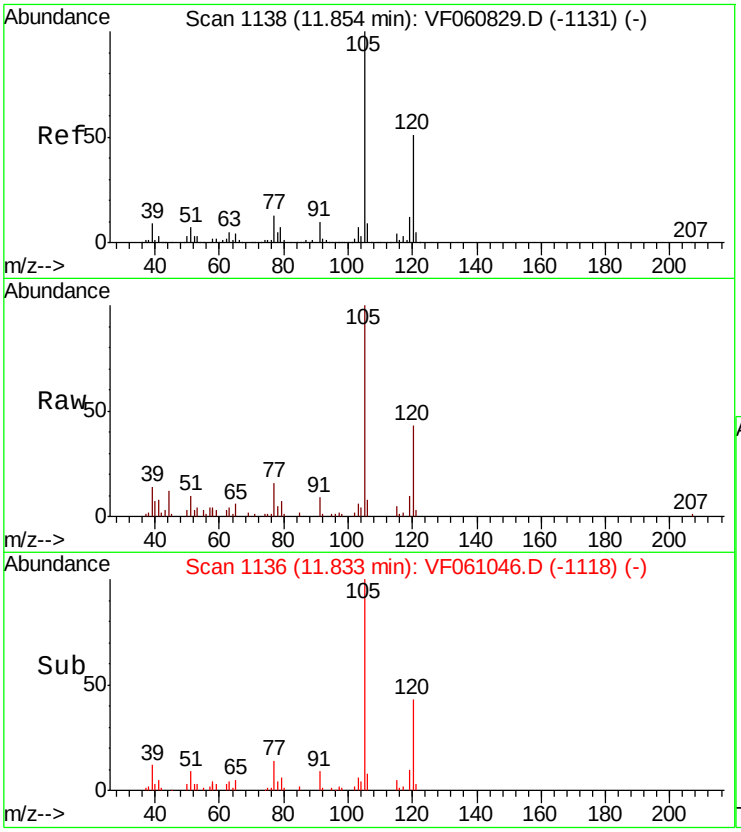


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.56 min Scan# 1210
Delta R.T. -0.01 min
Lab File: VF061046.D
Acq: 17 Dec 2018 17:56

Tgt Ion:152 Resp: 75403

Ion	Ratio	Lower	Upper
152	100		
115	63.9	30.1	90.5
150	161.2	0.0	327.6



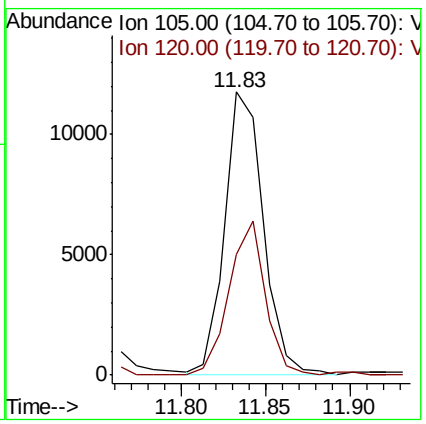


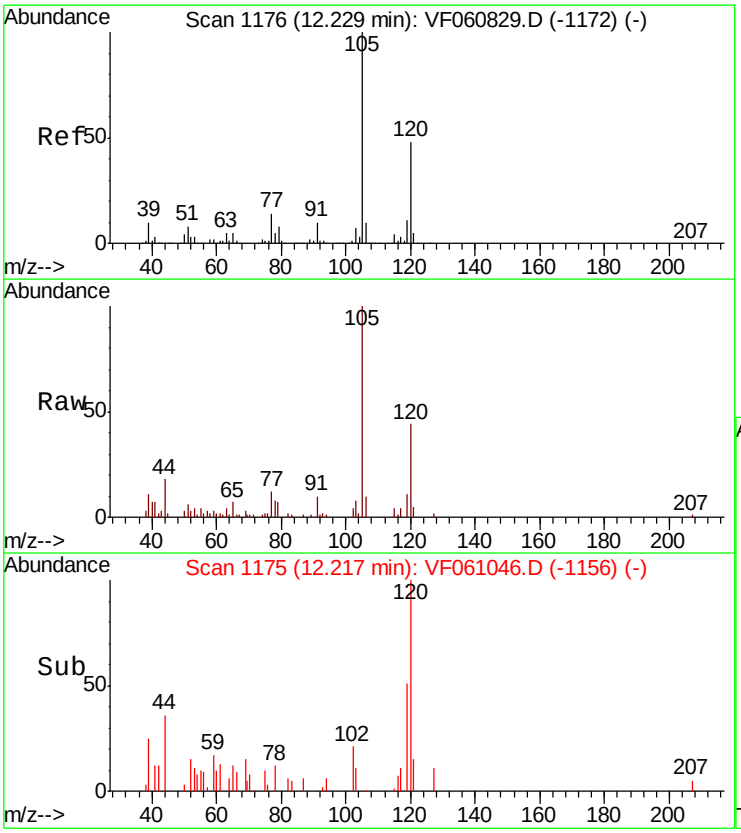
#80
1,3,5-Trimethylbenzene
Concen: 3.895 ug/l
RT: 11.83 min Scan# 1136
Delta R.T. -0.02 min
Lab File: VF061046.D
Acq: 17 Dec 2018 17:56

Instrument :
MSVOA_F
ClientSampleId :
P001-SS002-0002-01

Tgt Ion:105 Resp: 18840

Ion	Ratio	Lower	Upper
105	100		
120	42.8	25.8	77.3





#84
1,2,4-Trimethylbenzene
Concen: 3.491 ug/l
RT: 12.22 min Scan# 1175
Delta R.T. -0.01 min
Lab File: VF061046.D
Acq: 17 Dec 2018 17:56

Tgt Ion:105 Resp: 16854

Ion	Ratio	Lower	Upper
105	100		
120	43.8	23.8	71.5