Quantitation Report (LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF122418\
Data File : VF061177.D
Acq On : 24 Dec 2018 20:58
Operator : VA/AP
Sample : J6446-12
Misc : 2.31g/5mL/MSVOA-F/SOIL
ALS Vial : 22 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId : P001-SS022-0006-01

Quant Time: Dec 25 06:25:47 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	77318	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.60	114	130935	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.78	117	83753	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.55	152	23031	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.85	65	43482	43.73	ug/l	0.00
Spiked Amount 50.000			Recovery = 87.46%			
35) Dibromofluoromethane	4.12	113	49180	46.89	ug/l	0.00
Spiked Amount 50.000			Recovery = 93.78%			
50) Toluene-d8	7.55	98	117340	39.48	ug/l	0.00
Spiked Amount 50.000			Recovery = 78.96%			
62) 4-Bromofluorobenzene	11.41	95	31689	23.13	ug/l	0.00
Spiked Amount 50.000			Recovery = 46.26%			
Target Compounds						Qvalue
52) Toluene	7.63	92	5599	2.489	ug/l	94
68) m/p-Xylenes	10.14	106	4433	3.996	ug/l	87
69) o-Xylene	10.72	106	1335	1.085	ug/l	97

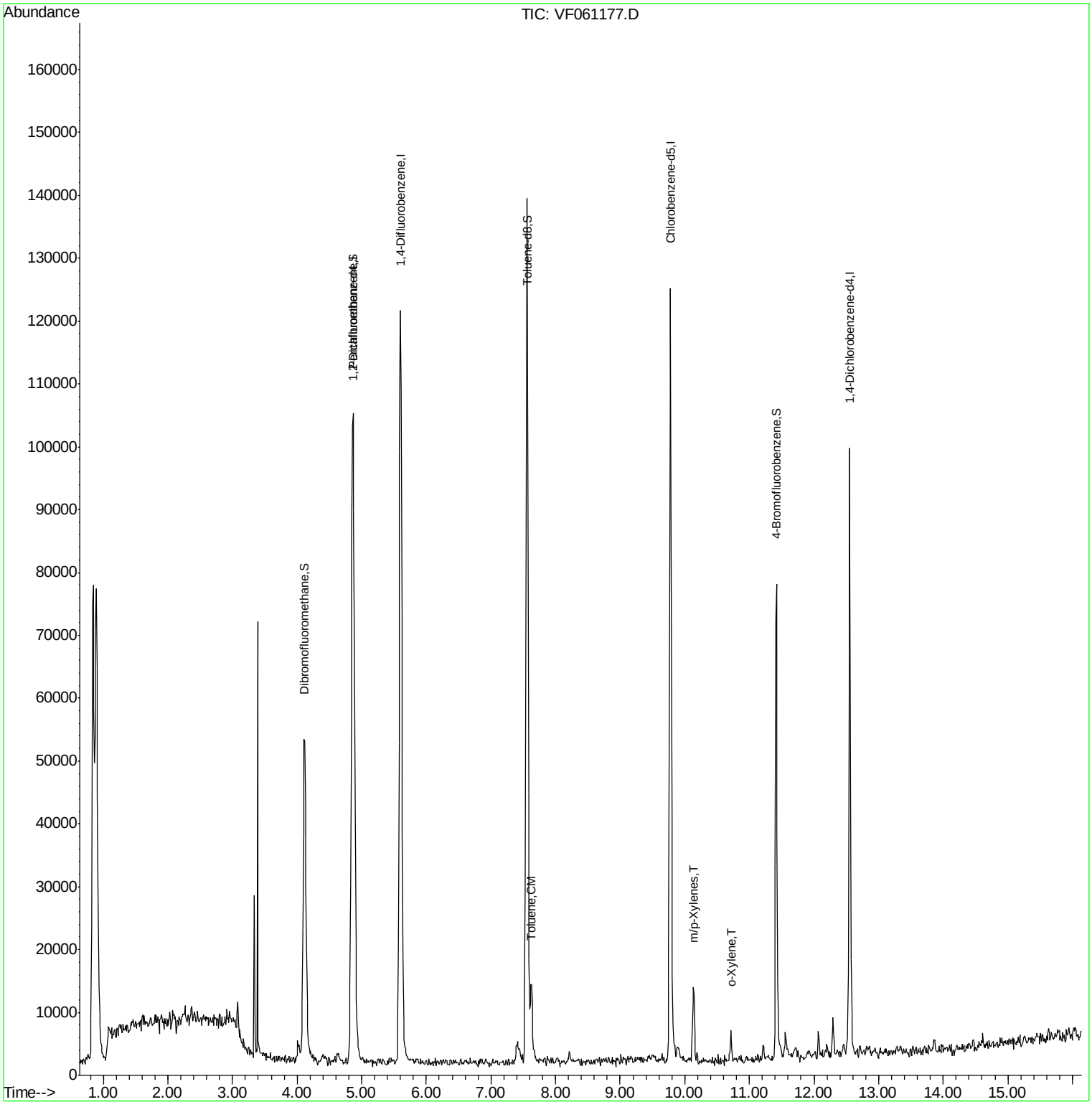
(#) = qualifier out of range (m) = manual integration (+) = signals summed

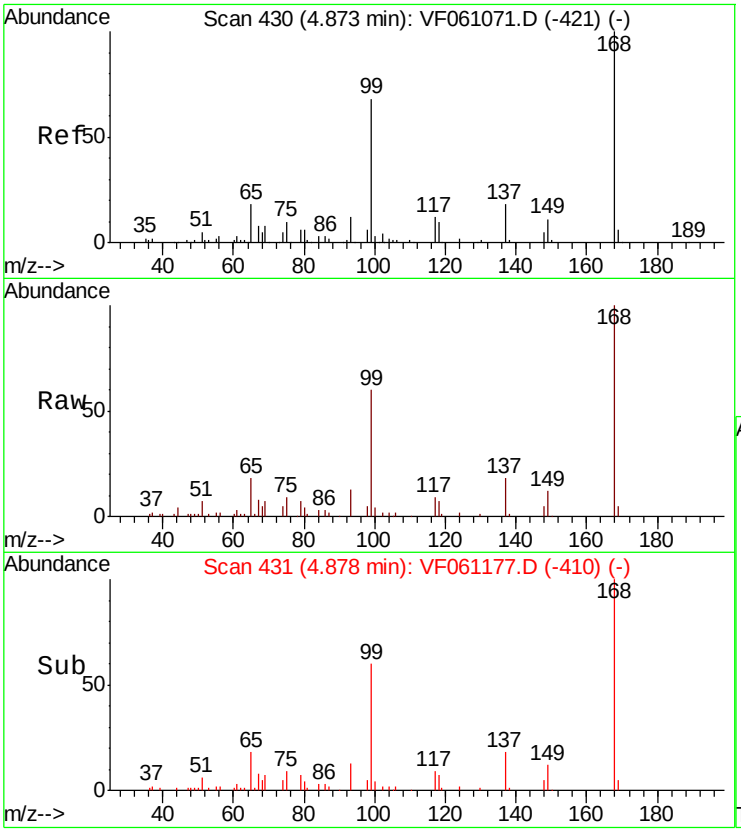
Quantitation Report (LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF122418\
Data File : VF061177.D
Acq On : 24 Dec 2018 20:58
Operator : VA/AP
Sample : J6446-12
Misc : 2.31g/5mL/MSVOA-F/SOIL
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :
P001-SS022-0006-01

Quant Time: Dec 25 06:25:47 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



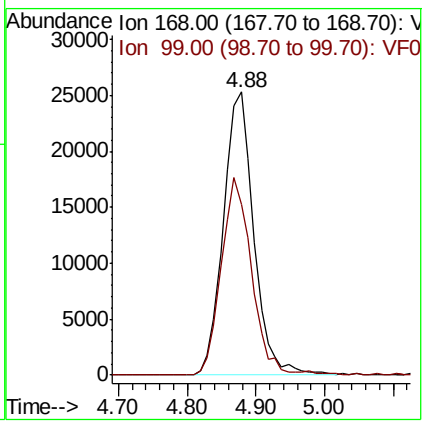


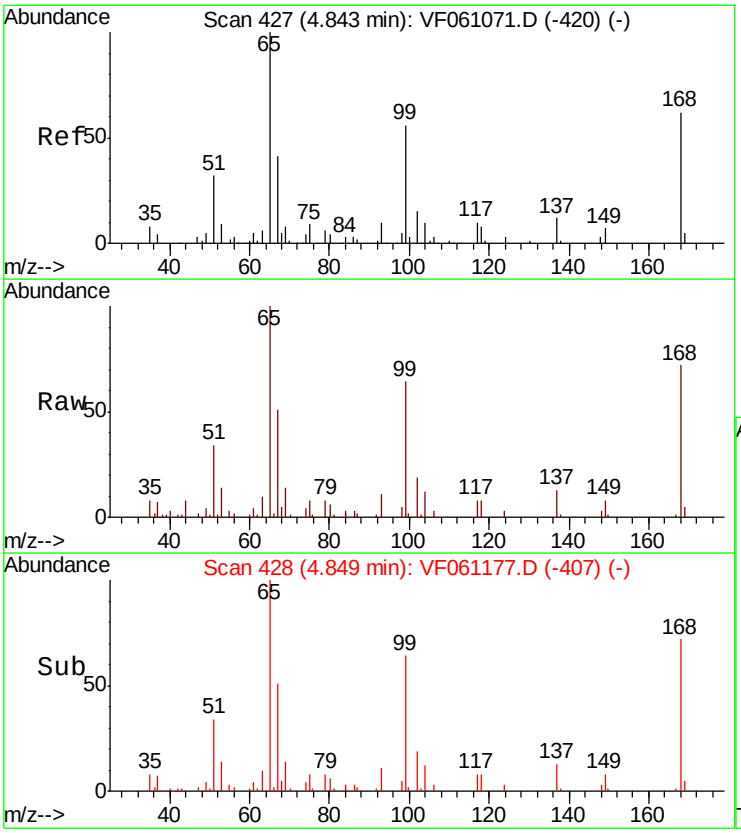
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 4.88 min Scan# 431
Delta R.T. 0.01 min
Lab File: VF061177.D
Acq: 24 Dec 2018 20:58

Instrument :
MSVOA_F
ClientSampleId :
P001-SS022-0006-01

Tgt Ion:168 Resp: 77318

Ion	Ratio	Lower	Upper
168	100		
99	60.3	54.4	81.6

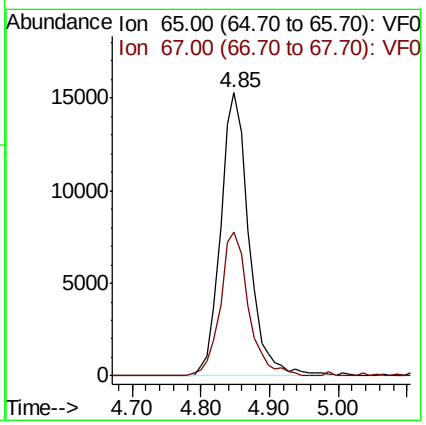


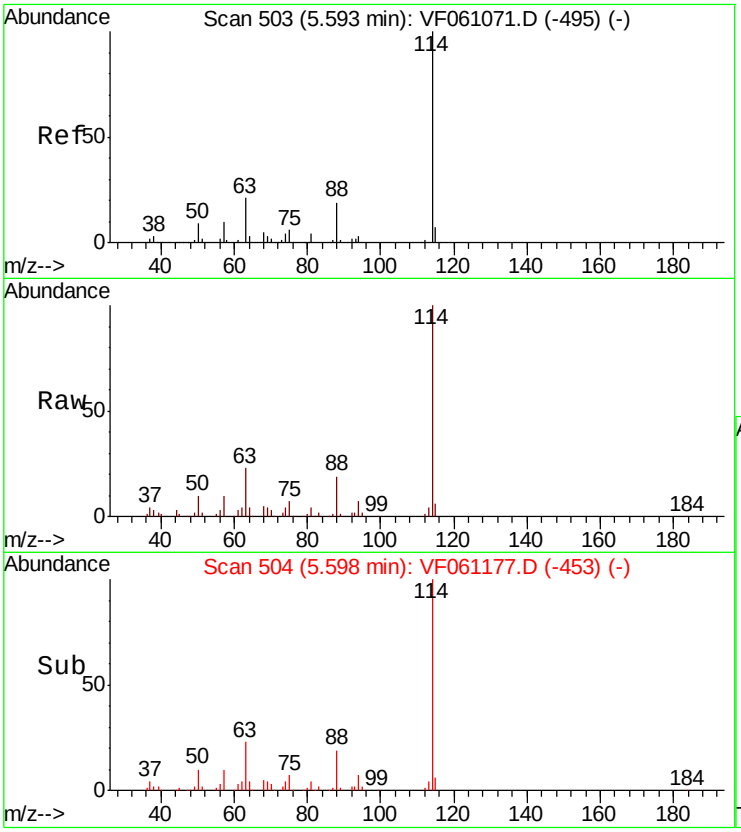


#33
1,2-Dichloroethane-d4
Concen: 43.725 ug/l
RT: 4.85 min Scan# 428
Delta R.T. 0.01 min
Lab File: VF061177.D
Acq: 24 Dec 2018 20:58

Tgt Ion: 65 Resp: 43482

Ion	Ratio	Lower	Upper
65	100		
67	50.6	0.0	94.6



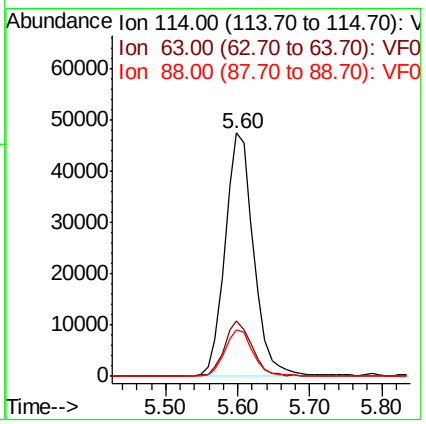


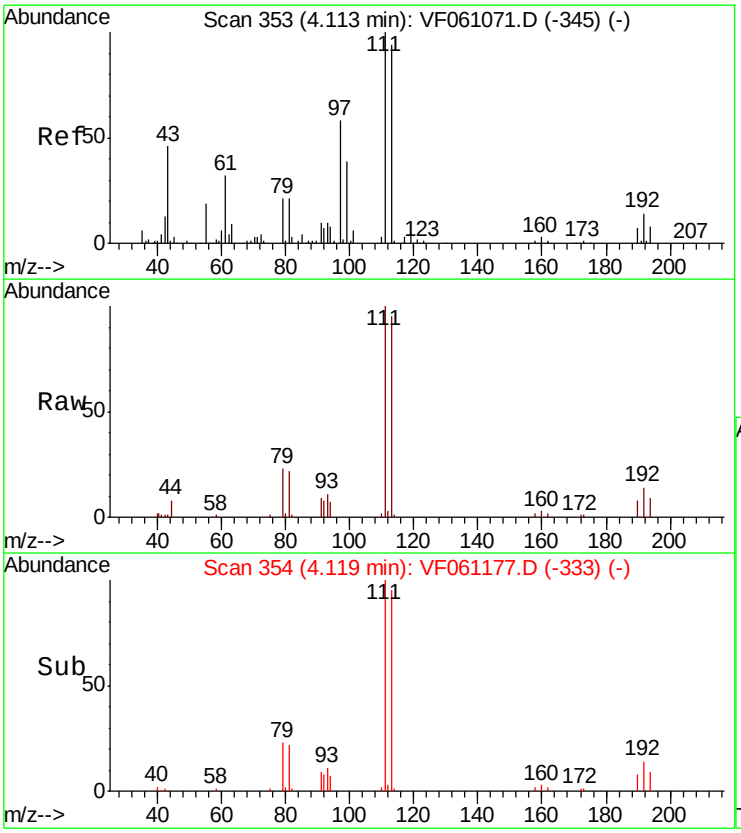
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.60 min Scan# 504
Delta R.T. 0.01 min
Lab File: VF061177.D
Acq: 24 Dec 2018 20:58

Instrument :
MSVOA_F
ClientSampleId :
P001-SS022-0006-01

Tgt Ion:114 Resp: 130935

Ion	Ratio	Lower	Upper
114	100		
63	22.7	0.0	41.6
88	18.9	0.0	38.0

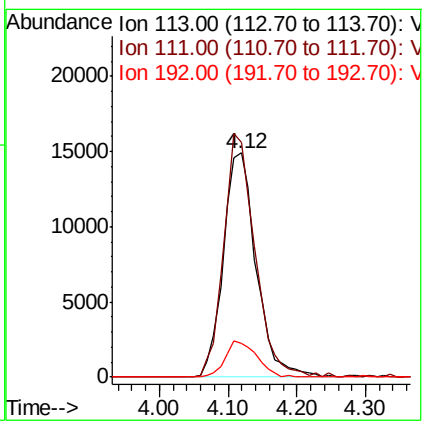


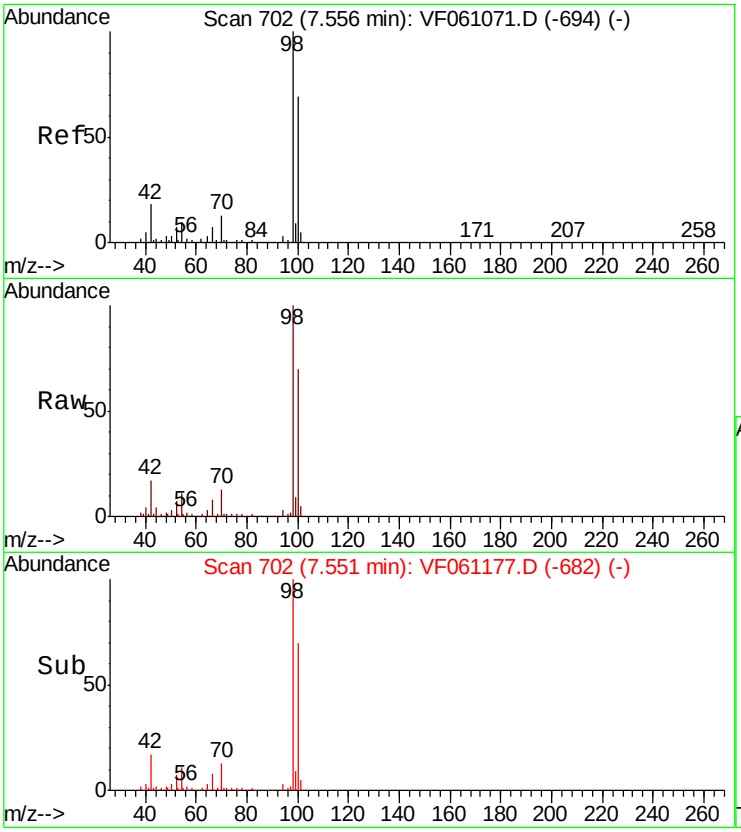


#35
Dibromofluoromethane
Concen: 46.889 ug/l
RT: 4.12 min Scan# 354
Delta R.T. 0.01 min
Lab File: VF061177.D
Acq: 24 Dec 2018 20:58

Tgt Ion:113 Resp: 49180

Ion	Ratio	Lower	Upper
113	100		
111	104.8	85.2	127.8
192	15.1	12.8	19.2



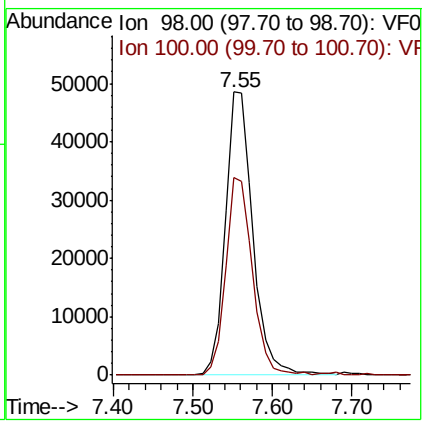


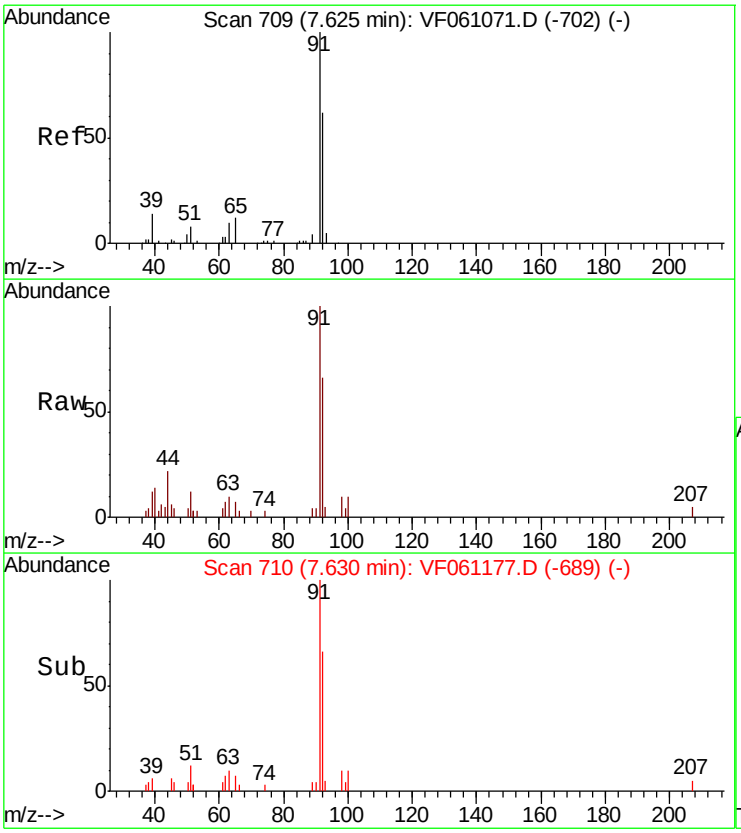
#50
Toluene-d8
Concen: 39.477 ug/l
RT: 7.55 min Scan# 702
Delta R.T. -0.00 min
Lab File: VF061177.D
Acq: 24 Dec 2018 20:58

Instrument :
MSVOA_F
ClientSampleId :
P001-SS022-0006-01

Tgt Ion: 98 Resp: 117340

Ion	Ratio	Lower	Upper
98	100		
100	70.0	55.3	82.9

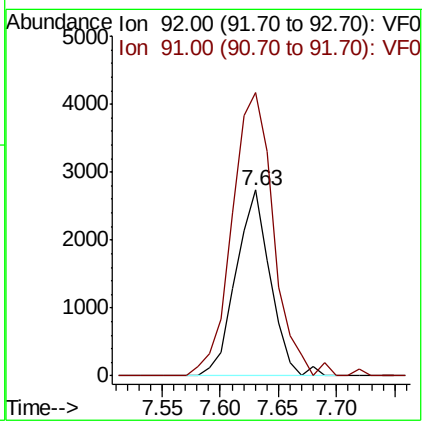


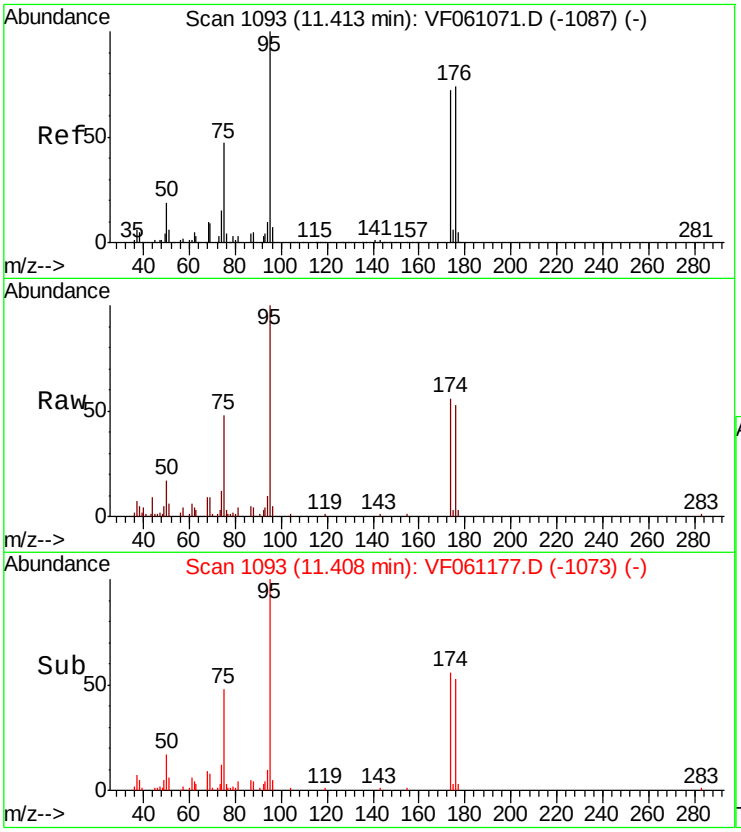


#52
Toluene
Concen: 2.489 ug/l
RT: 7.63 min Scan# 710
Delta R.T. 0.01 min
Lab File: VF061177.D
Acq: 24 Dec 2018 20:58

Tgt Ion: 92 Resp: 5599

Ion	Ratio	Lower	Upper
92	100		
91	152.4	128.8	193.2



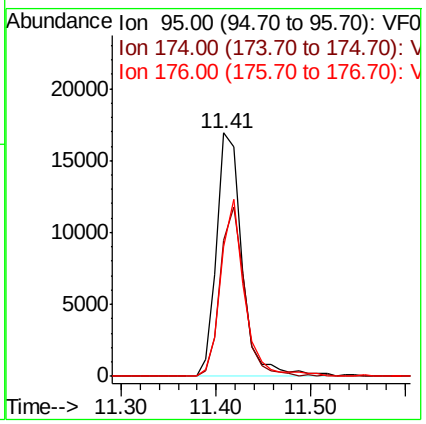


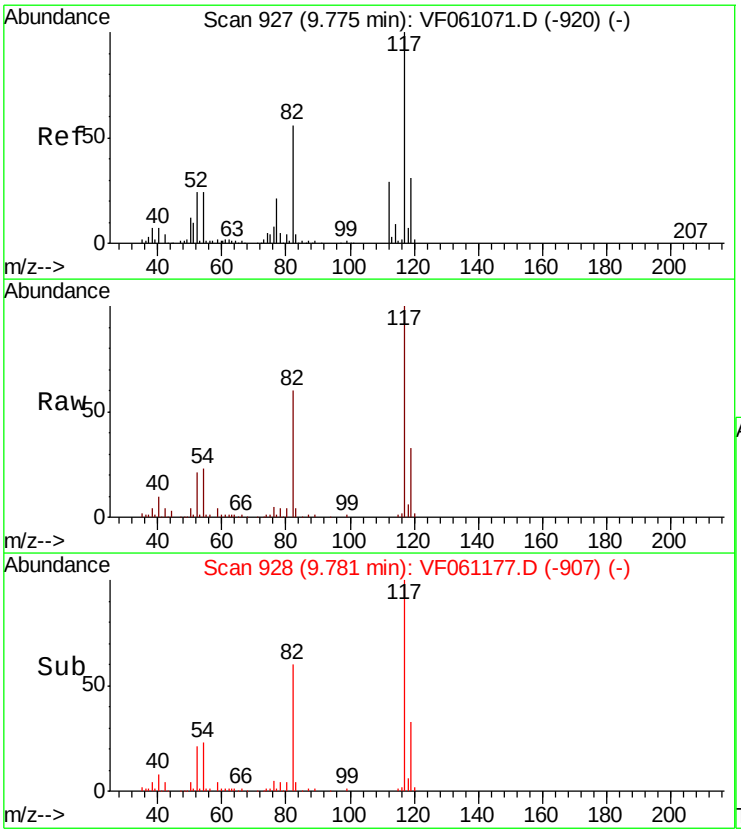
#62
4-Bromofluorobenzene
Concen: 23.126 ug/l
RT: 11.41 min Scan# 1093
Delta R.T. -0.00 min
Lab File: VF061177.D
Acq: 24 Dec 2018 20:58

Instrument :
MSVOA_F
ClientSampleId :
P001-SS022-0006-01

Tgt Ion: 95 Resp: 31689

Ion	Ratio	Lower	Upper
95	100		
174	55.7	0.0	143.8
176	53.2	0.0	147.6

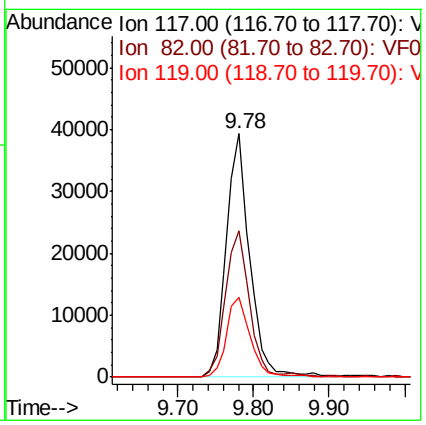


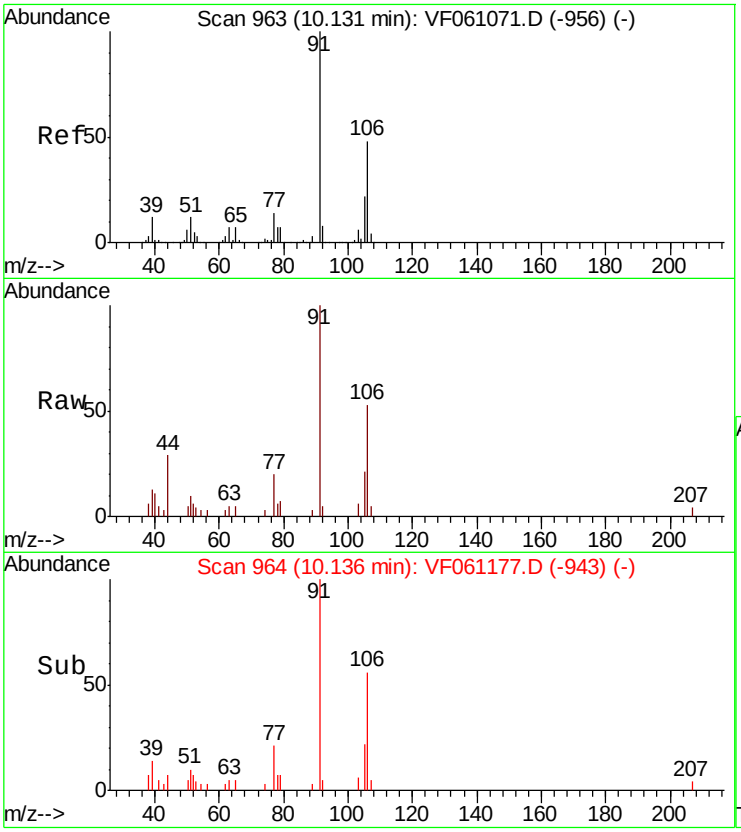


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.78 min Scan# 928
Delta R.T. 0.01 min
Lab File: VF061177.D
Acq: 24 Dec 2018 20:58

Tgt Ion:117 Resp: 83753

Ion	Ratio	Lower	Upper
117	100		
82	59.9	45.0	67.4
119	32.7	24.8	37.2



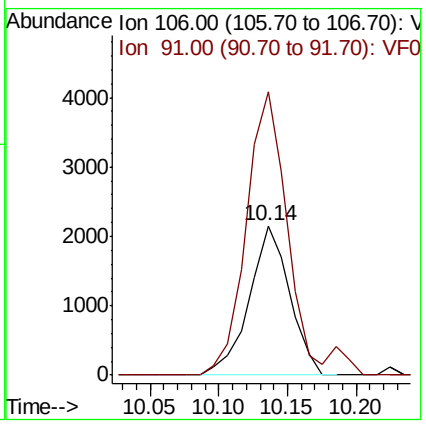


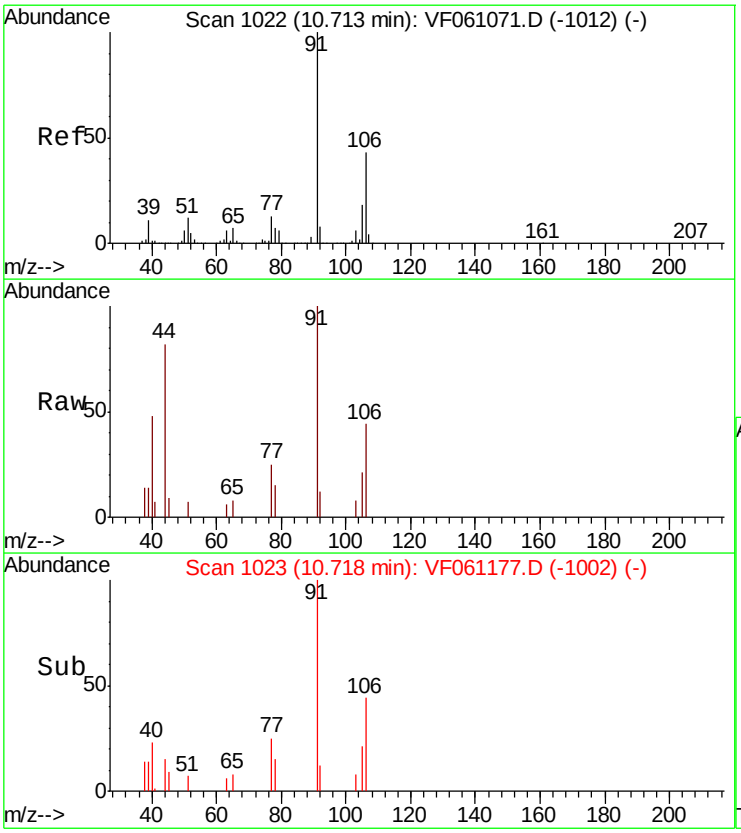
#68
m/p-Xylenes
Concen: 3.996 ug/l
RT: 10.14 min Scan# 964
Delta R.T. 0.01 min
Lab File: VF061177.D
Acq: 24 Dec 2018 20:58

Instrument :
MSVOA_F
ClientSampleId :
P001-SS022-0006-01

Tgt Ion:106 Resp: 4433

Ion	Ratio	Lower	Upper
106	100		
91	189.5	168.2	252.2

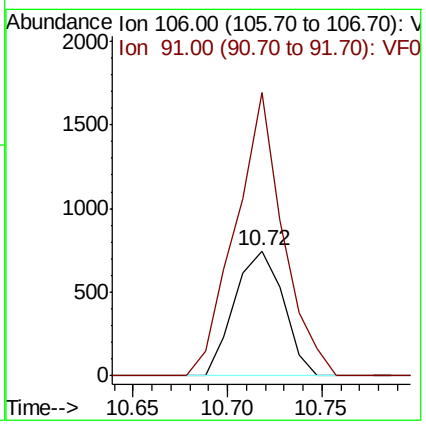


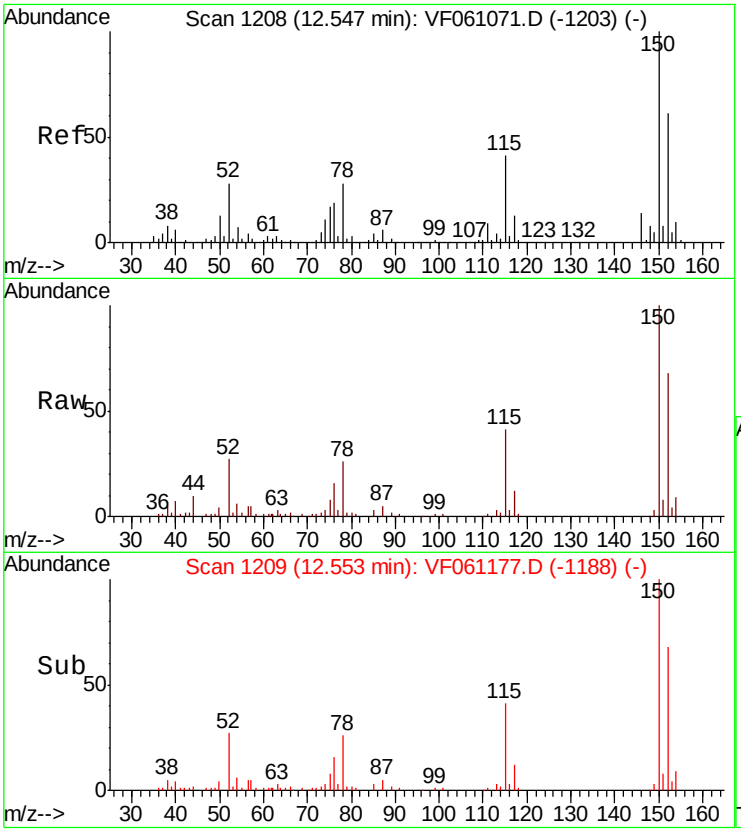


#69
o-Xylene
Concen: 1.085 ug/l
RT: 10.72 min Scan# 1023
Delta R.T. 0.01 min
Lab File: VF061177.D
Acq: 24 Dec 2018 20:58

Tgt Ion:106 Resp: 1335

Ion	Ratio	Lower	Upper
106	100		
91	226.4	115.9	347.7





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.55 min Scan# 1209
Delta R.T. 0.01 min
Lab File: VF061177.D
Acq: 24 Dec 2018 20:58

Instrument :
MSVOA_F
ClientSampleId :
P001-SS022-0006-01

Tgt Ion:152 Resp: 23031

Ion	Ratio	Lower	Upper
152	100		
115	59.7	33.3	99.9
150	147.2	0.0	328.2