Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF120618\
Data File : VF060915.D
Acq On : 6 Dec 2018 14:13
Operator : VA/AP
Sample : J6194-01
Misc : 6.84g/5mL/MSVOA-F/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId : OK-02-120418-A

Quant Time: Dec 06 16:33:15 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	4.87	168	196202	50.00	ug/l	-0.04
34) 1,4-Difluorobenzene	5.60	114	343823	50.00	ug/l	-0.04
63) Chlorobenzene-d5	9.77	117	309173	50.00	ug/l	-0.04
72) 1,4-Dichlorobenzene-d4	12.54	152	167687	50.00	ug/l	-0.03
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.84	65	110889	47.98	ug/l	-0.04
Spiked Amount 50.000			Recovery = 95.96%			
35) Dibromofluoromethane	4.11	113	122377	44.87	ug/l	-0.04
Spiked Amount 50.000			Recovery = 89.74%			
50) Toluene-d8	7.55	98	316673	39.41	ug/l	-0.04
Spiked Amount 50.000			Recovery = 78.82%			
62) 4-Bromofluorobenzene	11.41	95	154483	42.30	ug/l	-0.03
Spiked Amount 50.000			Recovery = 84.60%			
Target Compounds						Qvalue
20) Methylene Chloride	2.25	84	21648	13.845	ug/l	93
52) Toluene	7.62	92	37583	6.351	ug/l	97

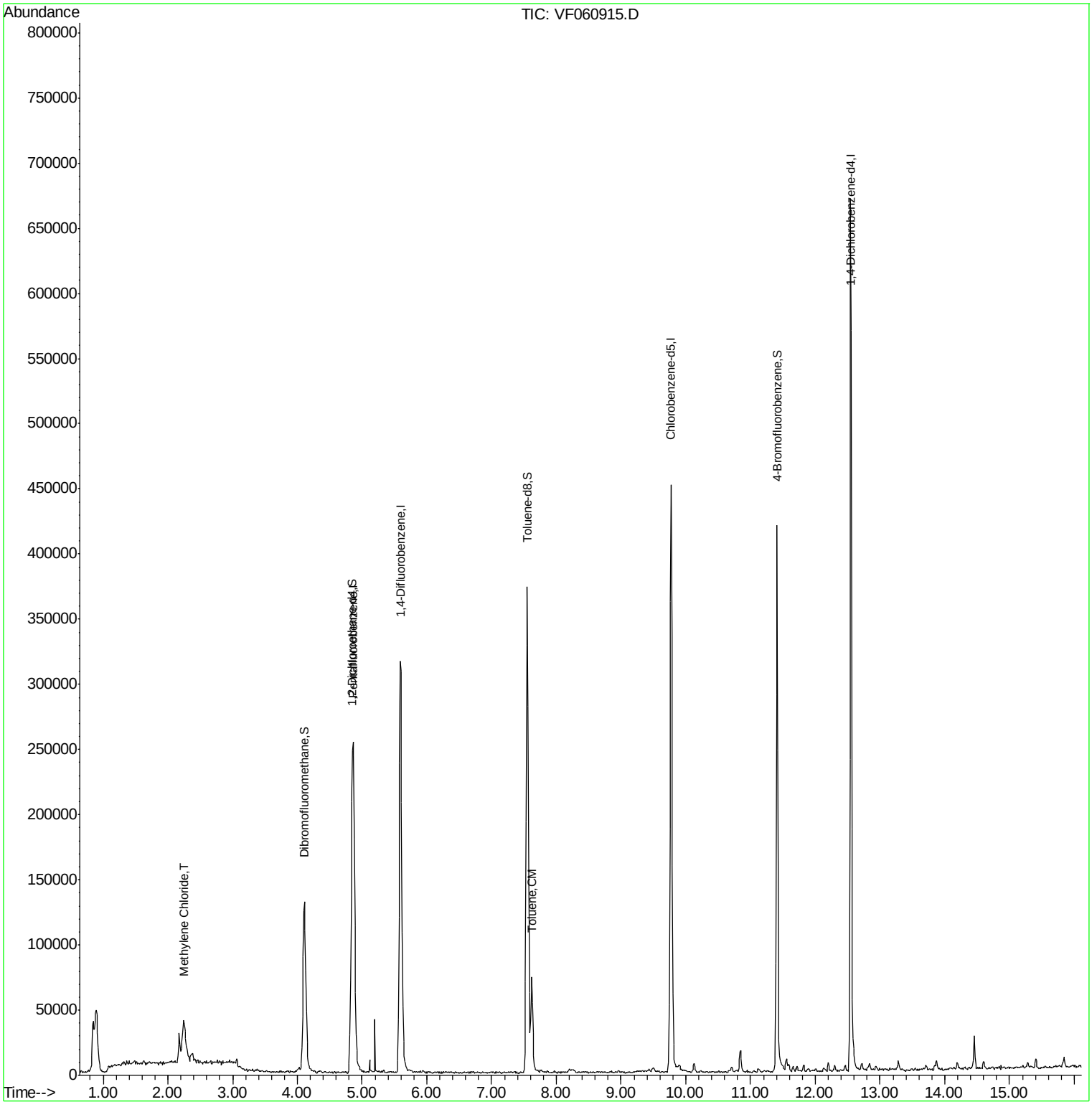
(#) = qualifier out of range (m) = manual integration (+) = signals summed

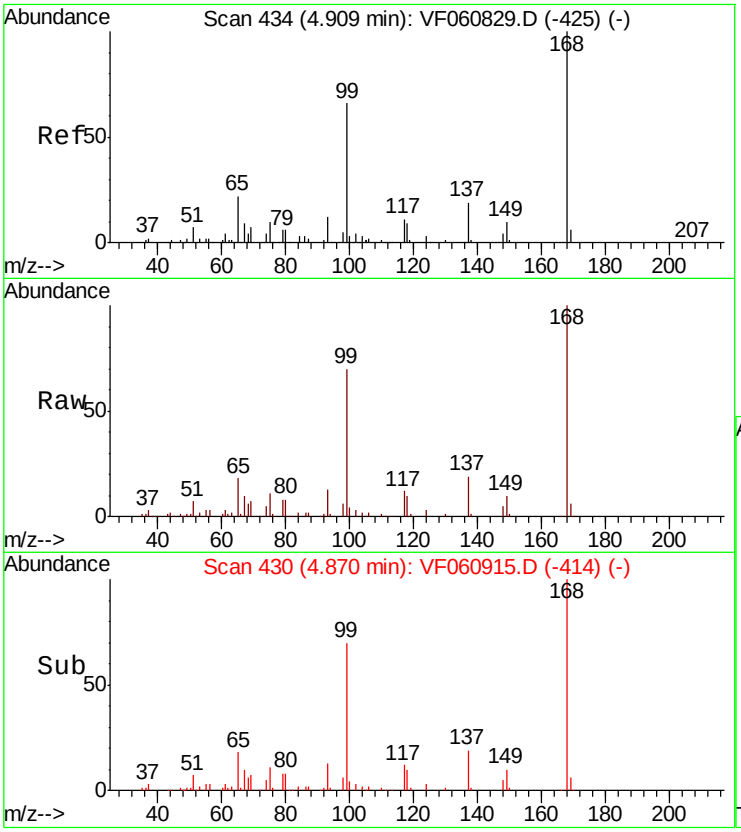
Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF120618\
Data File : VF060915.D
Acq On : 6 Dec 2018 14:13
Operator : VA/AP
Sample : J6194-01
Misc : 6.84g/5mL/MSVOA-F/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :
OK-02-120418-A

Quant Time: Dec 06 16:33:15 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



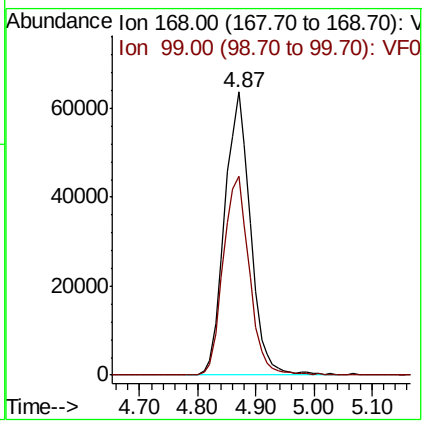


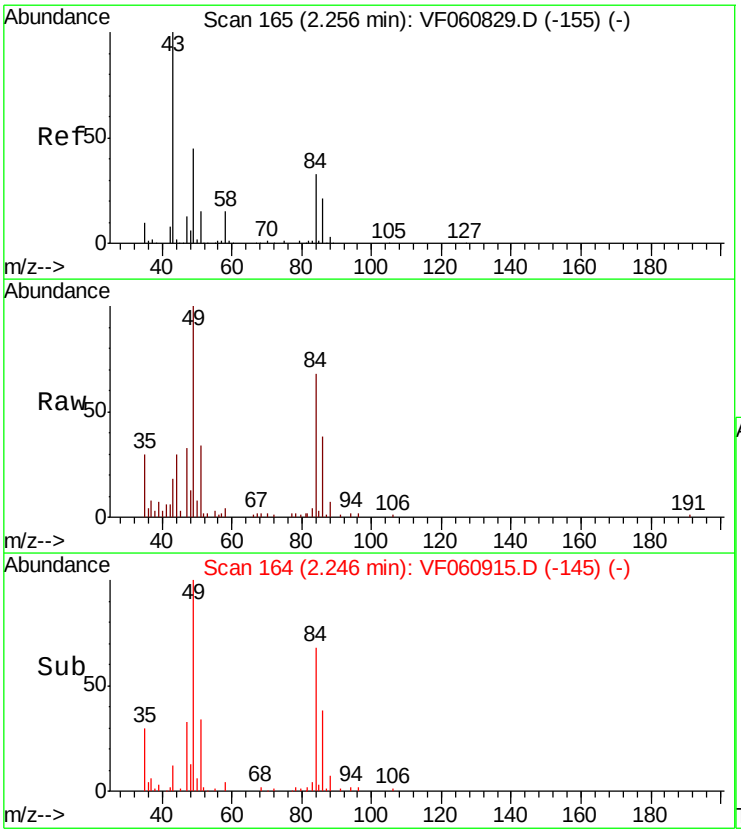
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 4.87 min Scan# 430
Delta R.T. -0.04 min
Lab File: VF060915.D
Acq: 6 Dec 2018 14:13

Instrument :
MSVOA_F
ClientSampleId :
OK-02-120418-A

Tgt Ion:168 Resp: 196202

Ion	Ratio	Lower	Upper
168	100		
99	70.2	52.6	79.0

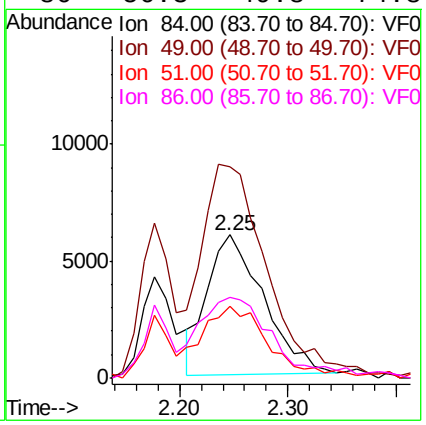


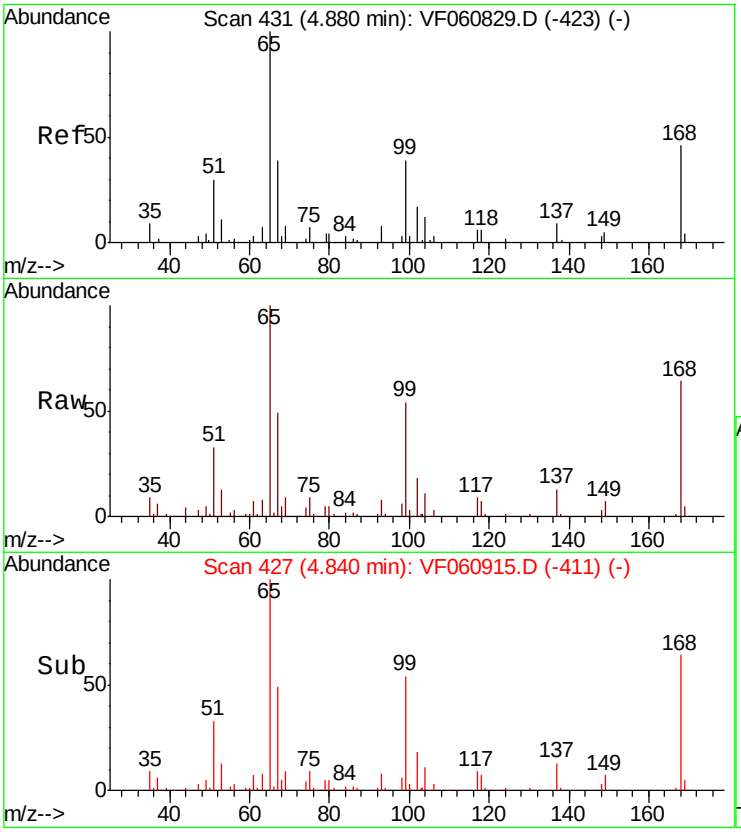


#20
Methylene Chloride
Concen: 13.845 ug/l
RT: 2.25 min Scan# 164
Delta R.T. -0.01 min
Lab File: VF060915.D
Acq: 6 Dec 2018 14:13

Tgt Ion: 84 Resp: 21648

Ion	Ratio	Lower	Upper
84	100		
49	147.9	111.3	166.9
51	50.2	38.0	57.0
86	56.3	49.8	74.8



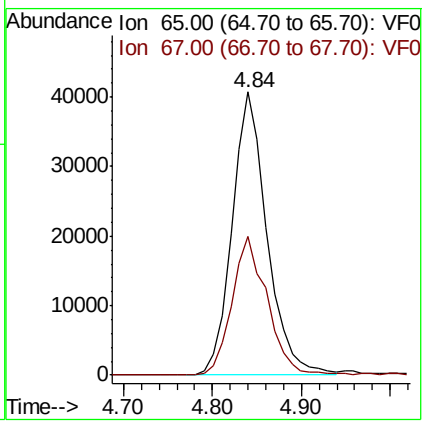


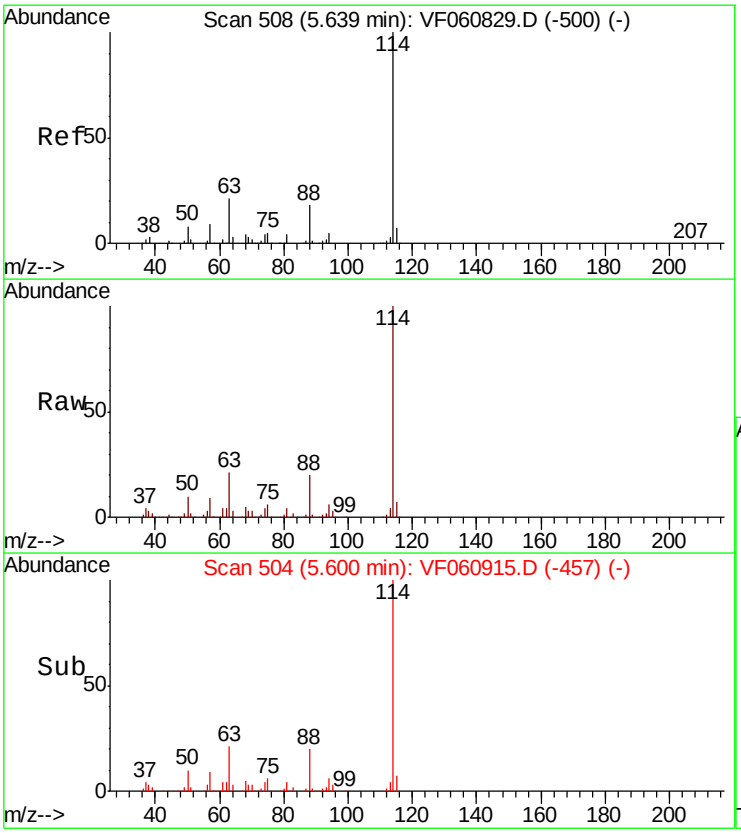
#33
1,2-Dichloroethane-d4
Concen: 47.976 ug/l
RT: 4.84 min Scan# 427
Delta R.T. -0.04 min
Lab File: VF060915.D
Acq: 6 Dec 2018 14:13

Instrument :
MSVOA_F
ClientSampleId :
OK-02-120418-A

Tgt Ion: 65 Resp: 110889

Ion	Ratio	Lower	Upper
65	100		
67	49.1	0.0	96.4

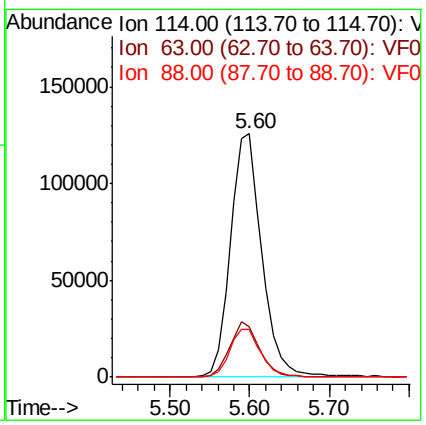


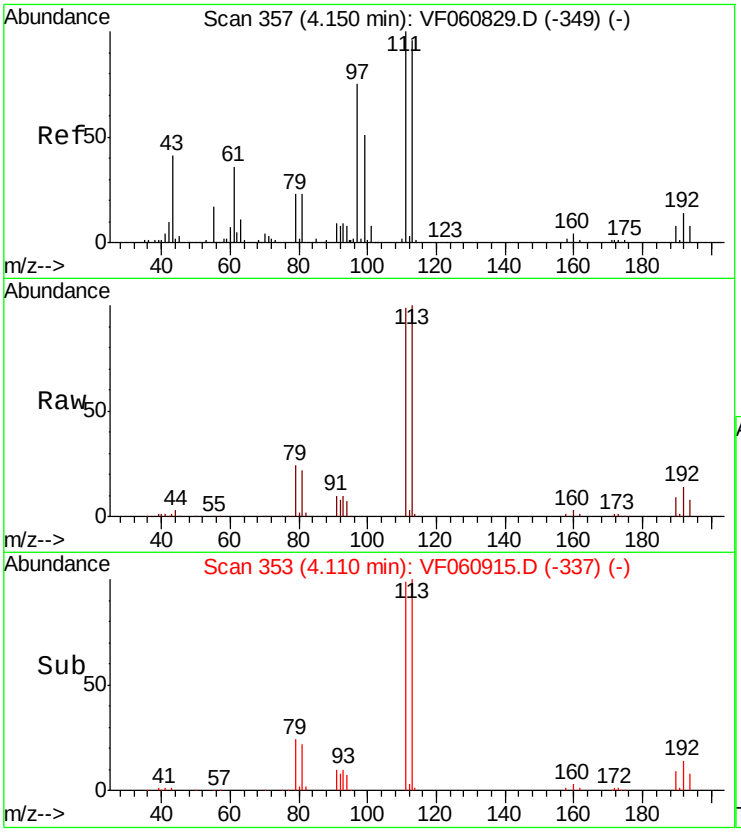


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.60 min Scan# 504
Delta R.T. -0.04 min
Lab File: VF060915.D
Acq: 6 Dec 2018 14:13

Tgt Ion:114 Resp: 343823

Ion	Ratio	Lower	Upper
114	100		
63	20.5	0.0	41.6
88	19.9	0.0	36.6



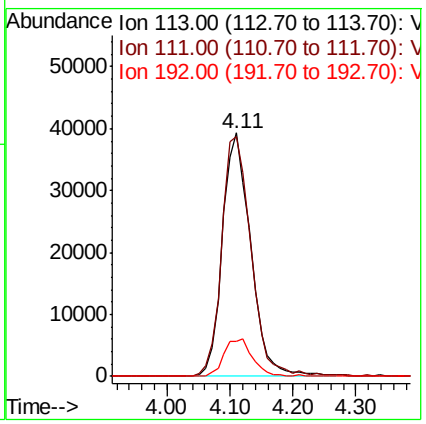


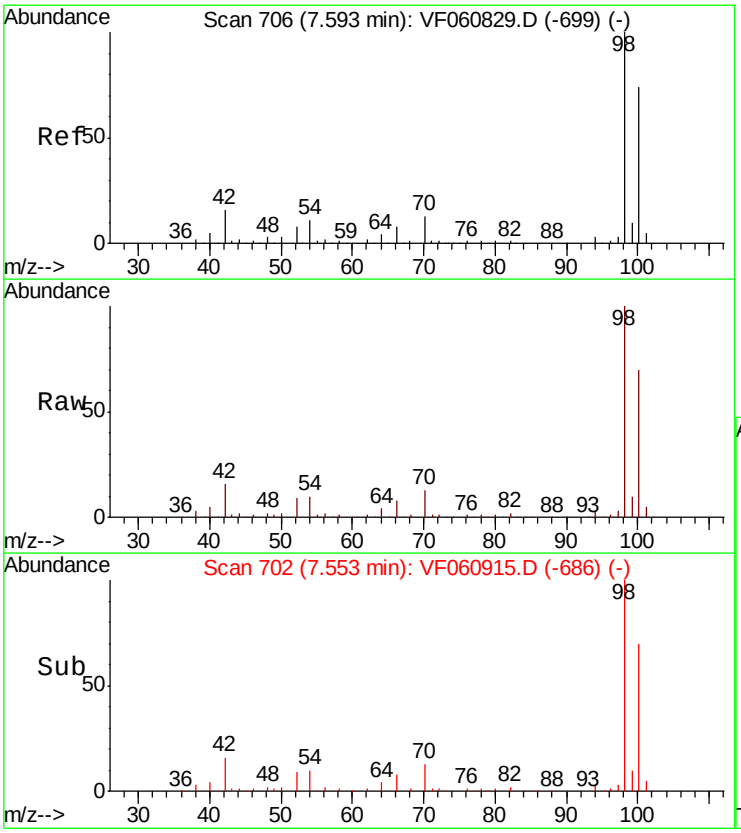
#35
Dibromofluoromethane
Concen: 44.866 ug/l
RT: 4.11 min Scan# 353
Delta R.T. -0.04 min
Lab File: VF060915.D
Acq: 6 Dec 2018 14:13

Instrument :
MSVOA_F
ClientSampleId :
OK-02-120418-A

Tgt Ion:113 Resp: 122377

Ion	Ratio	Lower	Upper
113	100		
111	98.7	83.0	124.6
192	14.3	12.3	18.5

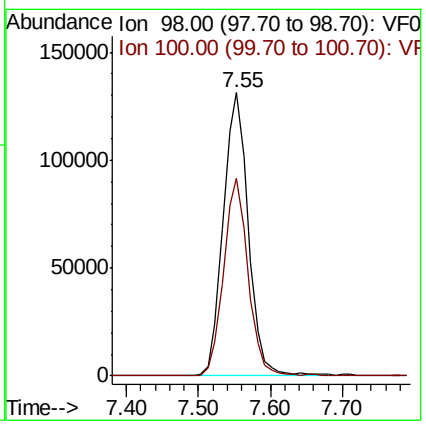


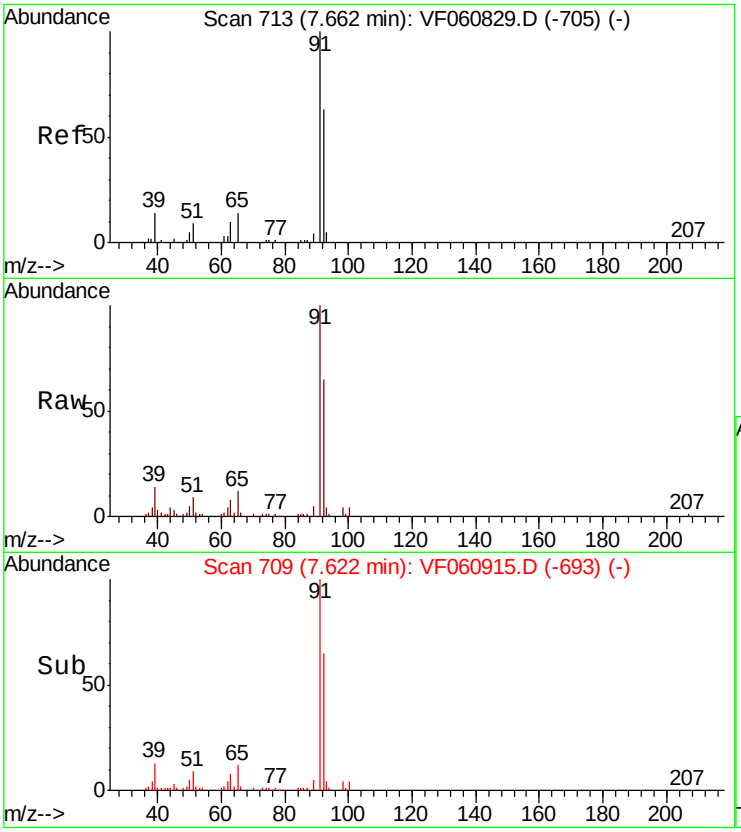


#50
Toluene-d8
Concen: 39.413 ug/l
RT: 7.55 min Scan# 702
Delta R.T. -0.04 min
Lab File: VF060915.D
Acq: 6 Dec 2018 14:13

Tgt Ion: 98 Resp: 316673

Ion	Ratio	Lower	Upper
98	100		
100	70.0	59.3	88.9



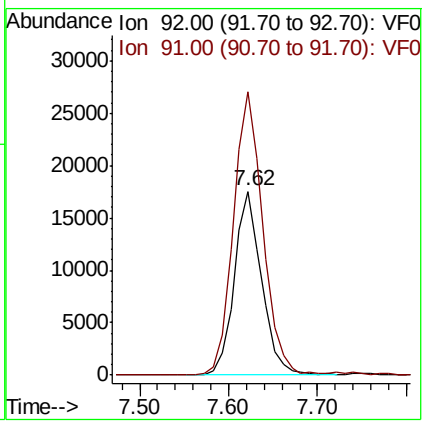


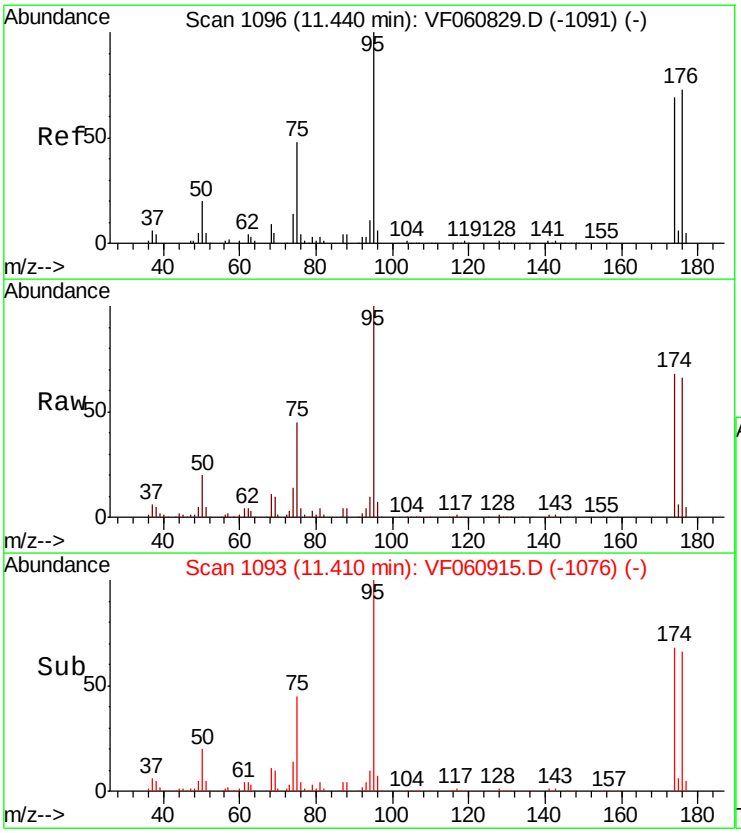
#52
Toluene
Concen: 6.351 ug/l
RT: 7.62 min Scan# 709
Delta R.T. -0.04 min
Lab File: VF060915.D
Acq: 6 Dec 2018 14:13

Instrument :
MSVOA_F
ClientSampleId :
OK-02-120418-A

Tgt Ion: 92 Resp: 37583

Ion	Ratio	Lower	Upper
92	100		
91	154.2	126.2	189.2

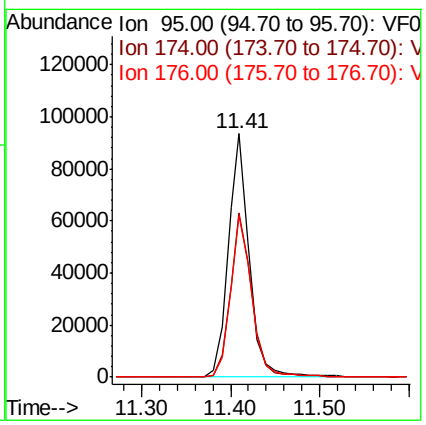


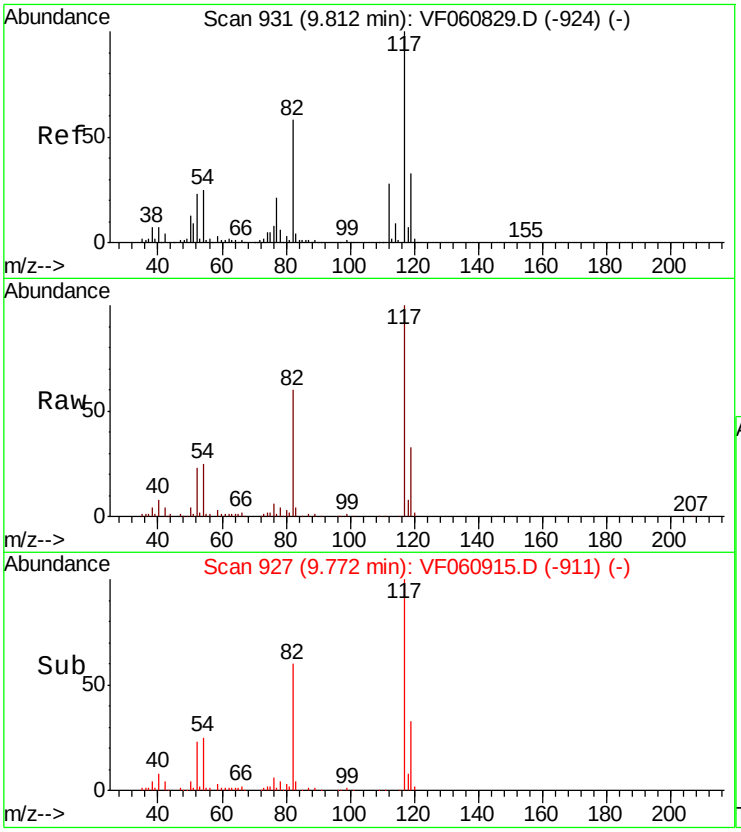


#62
4-Bromofluorobenzene
Concen: 42.304 ug/l
RT: 11.41 min Scan# 1093
Delta R.T. -0.03 min
Lab File: VF060915.D
Acq: 6 Dec 2018 14:13

Tgt Ion: 95 Resp: 154483

Ion	Ratio	Lower	Upper
95	100		
174	67.7	0.0	138.2
176	66.2	0.0	146.2



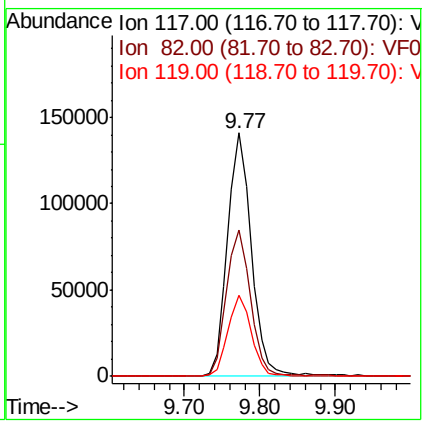


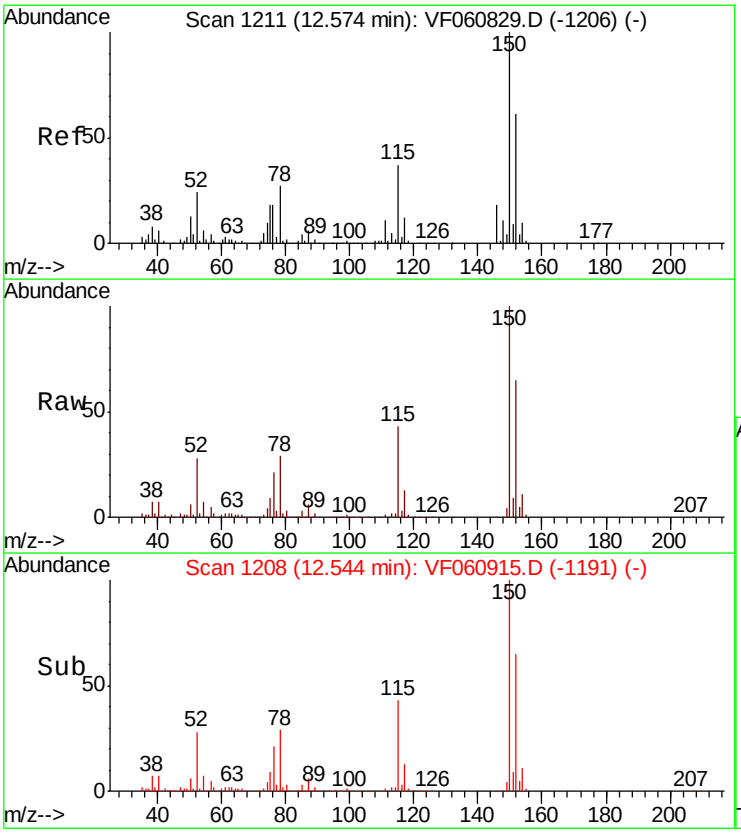
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.77 min Scan# 927
Delta R.T. -0.04 min
Lab File: VF060915.D
Acq: 6 Dec 2018 14:13

Instrument : MSVOA_F
ClientSampleId : OK-02-120418-A

Tgt Ion:117 Resp: 309173

Ion	Ratio	Lower	Upper
117	100		
82	60.2	46.6	69.8
119	33.3	26.4	39.6





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.54 min Scan# 1208
Delta R.T. -0.03 min
Lab File: VF060915.D
Acq: 6 Dec 2018 14:13

Tgt Ion:152 Resp: 167687

Ion	Ratio	Lower	Upper
152	100		
115	65.9	30.1	90.5
150	154.9	0.0	327.6