Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF122118\
Data File : VF061122.D
Acq On : 21 Dec 2018 13:22
Operator : VA/AP
Sample : J6194-07RE
Misc : 7.99g/5mL/MSVOA-F/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId : OK-01-121818-ARE

Quant Time: Dec 21 15:36:27 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	4.91	168	10511	50.00	ug/l	0.04
34) 1,4-Difluorobenzene	5.64	114	8357	50.00	ug/l	0.05
63) Chlorobenzene-d5	9.81	117	3043	50.00	ug/l	0.04
72) 1,4-Dichlorobenzene-d4	12.57	152	1716	50.00	ug/l	0.03
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.88	65	2238	16.55	ug/l	0.04
Spiked Amount 50.000			Recovery = 33.10%			
35) Dibromofluoromethane	4.15	113	3181	47.52	ug/l	0.04
Spiked Amount 50.000			Recovery = 95.04%			
50) Toluene-d8	7.59	98	1068	5.63	ug/l	0.04
Spiked Amount 50.000			Recovery = 11.26%			
62) 4-Bromofluorobenzene	11.54	95	66	0.75	ug/l	0.12
Spiked Amount 50.000			Recovery = 1.50%			
Target Compounds						Qvalue
52) Toluene	7.66	92	362	2.521	ug/l	85

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

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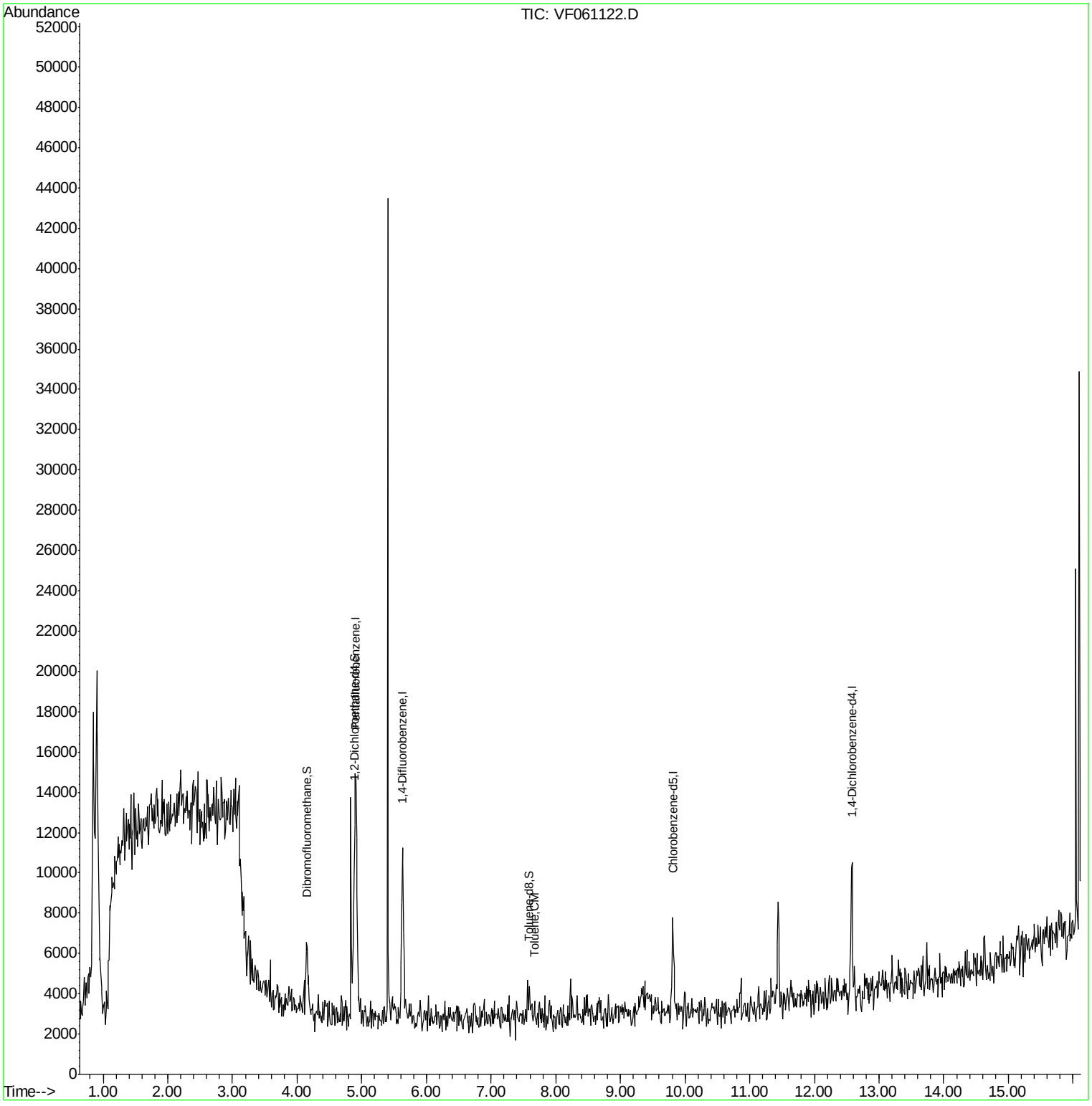
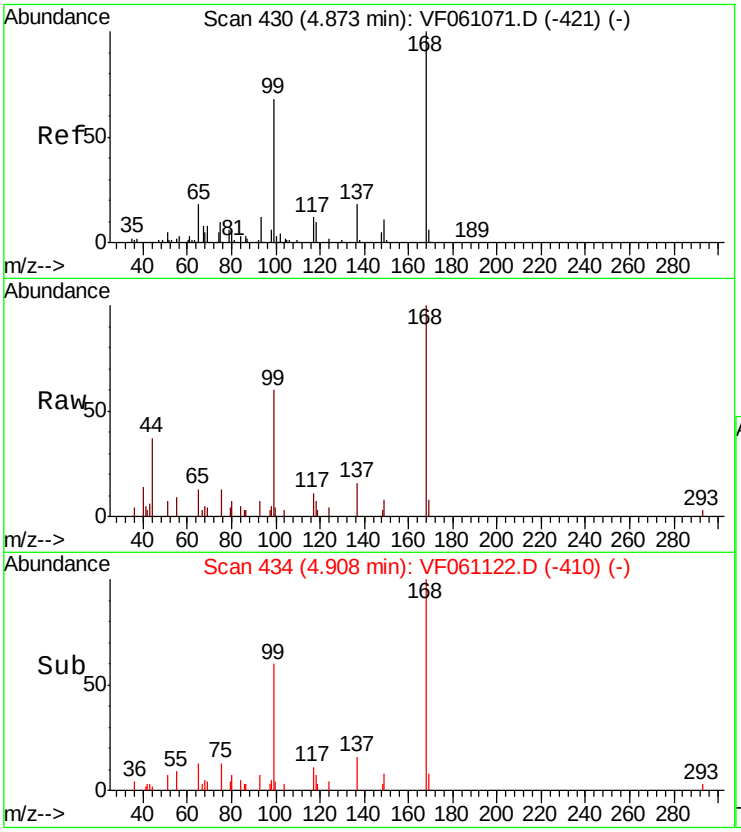


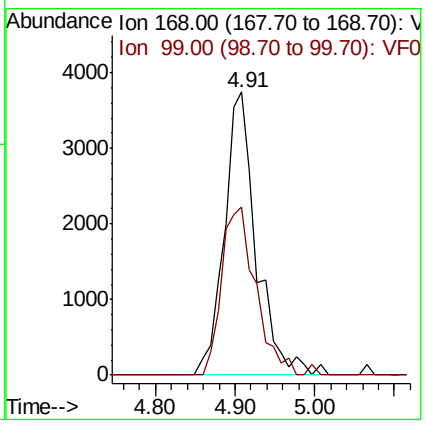


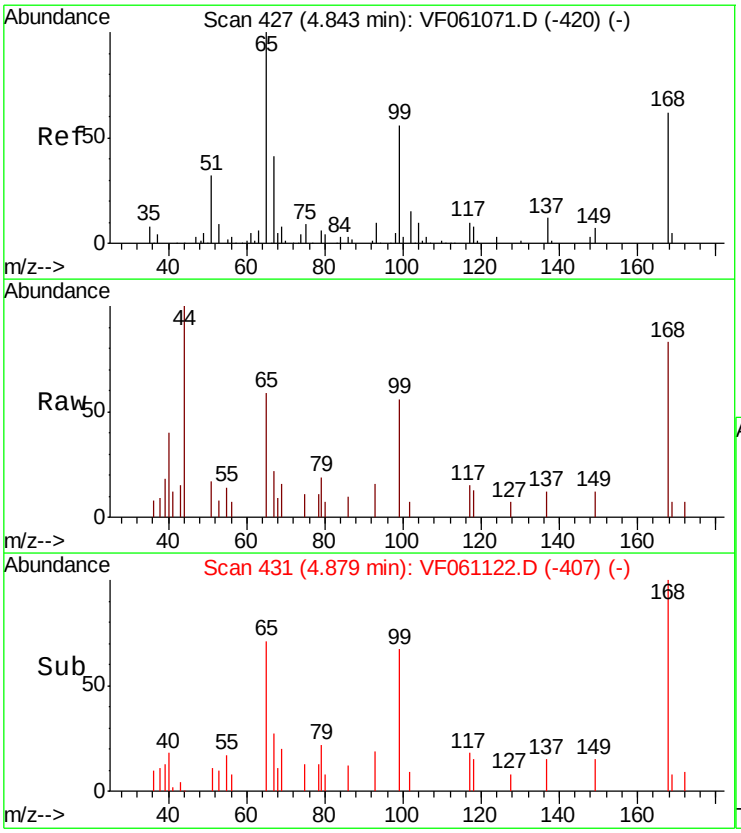
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 4.91 min Scan# 434
Delta R.T. 0.04 min
Lab File: VF061122.D
Acq: 21 Dec 2018 13:22

Instrument :
MSVOA_F
ClientSampleId :
OK-01-121818-ARE

Tgt Ion:168 Resp: 10511

Ion	Ratio	Lower	Upper
168	100		
99	59.6	54.4	81.6

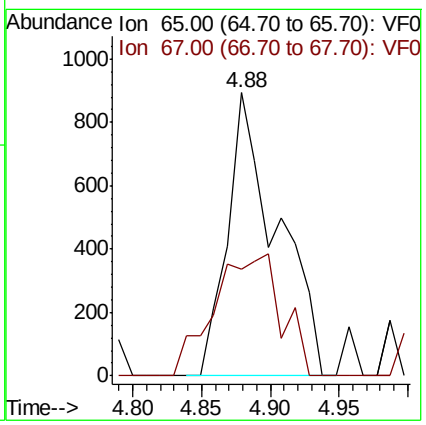


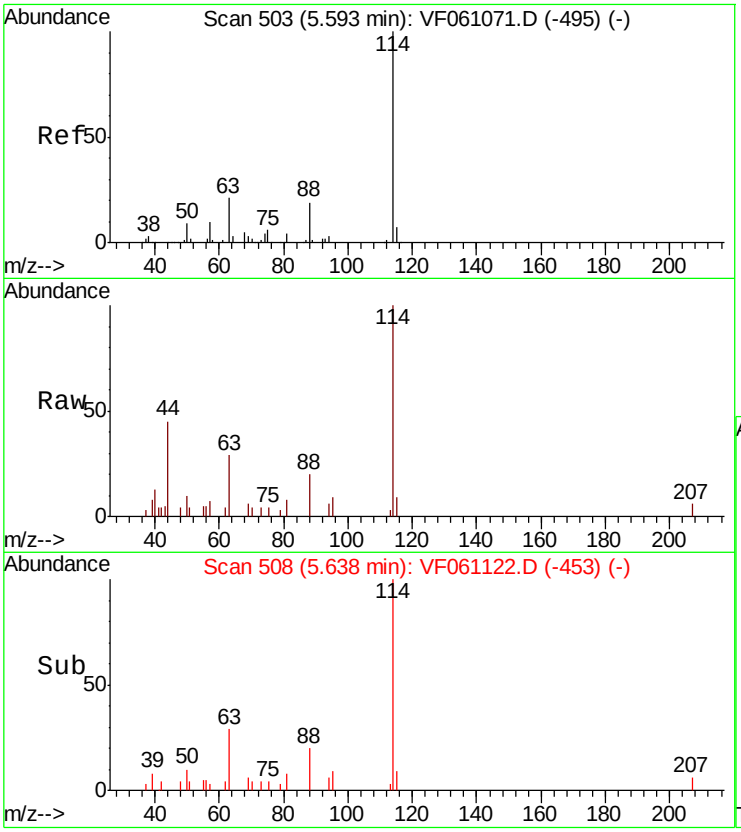


#33
1,2-Dichloroethane-d4
Concen: 16.555 ug/l
RT: 4.88 min Scan# 431
Delta R.T. 0.04 min
Lab File: VF061122.D
Acq: 21 Dec 2018 13:22

Tgt Ion: 65 Resp: 2238

Ion	Ratio	Lower	Upper
65	100		
67	37.7	0.0	94.6



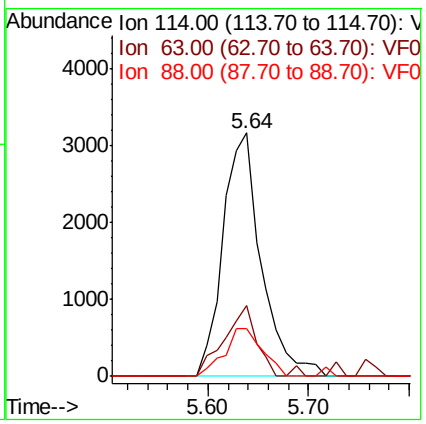


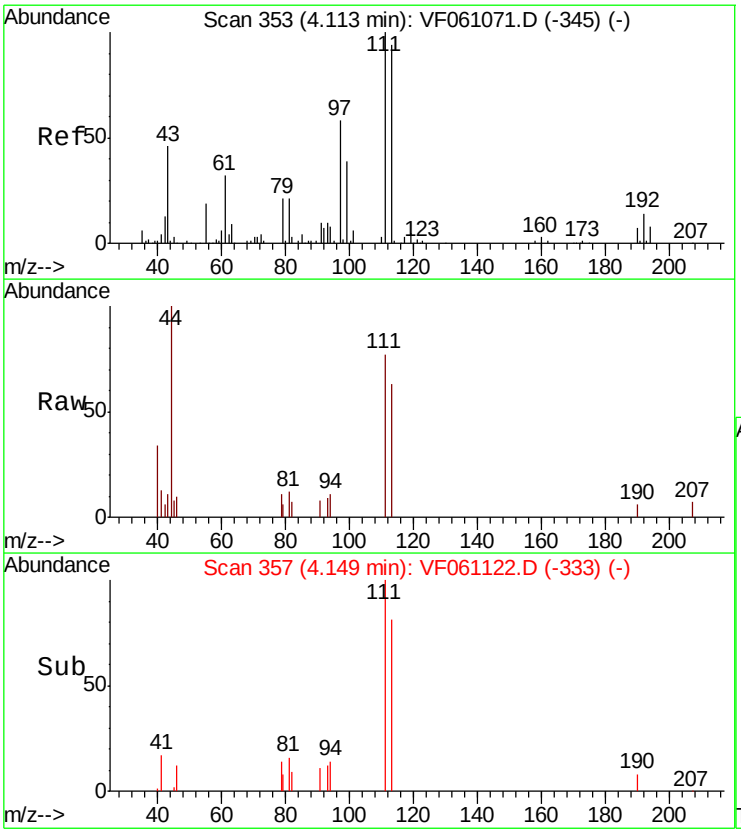
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.64 min Scan# 508
Delta R.T. 0.05 min
Lab File: VF061122.D
Acq: 21 Dec 2018 13:22

Instrument :
MSVOA_F
ClientSampleId :
OK-01-121818-ARE

Tgt Ion:114 Resp: 8357

Ion	Ratio	Lower	Upper
114	100		
63	28.9	0.0	41.6
88	19.5	0.0	38.0

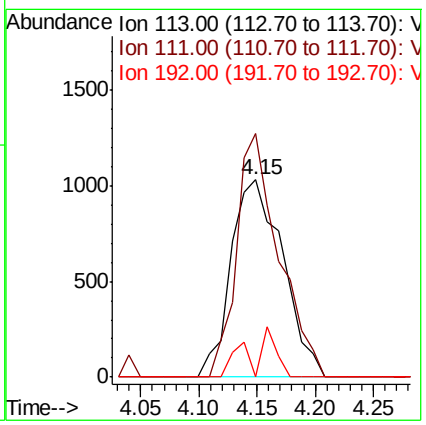


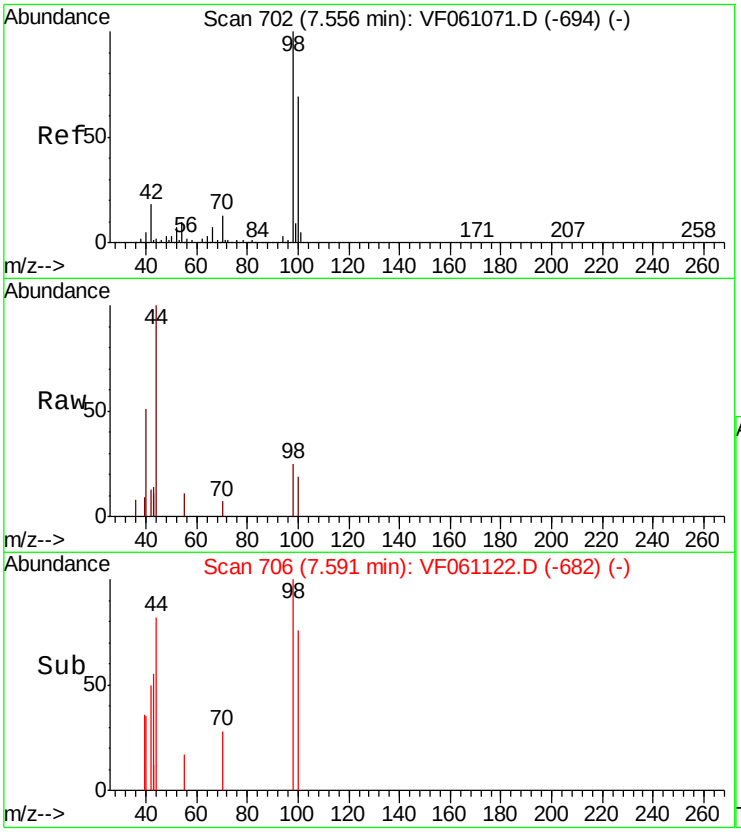


#35
Dibromofluoromethane
Concen: 47.517 ug/l
RT: 4.15 min Scan# 357
Delta R.T. 0.04 min
Lab File: VF061122.D
Acq: 21 Dec 2018 13:22

Tgt Ion:113 Resp: 3181

Ion	Ratio	Lower	Upper
113	100		
111	123.5	85.2	127.8
192	0.0	12.8	19.2#



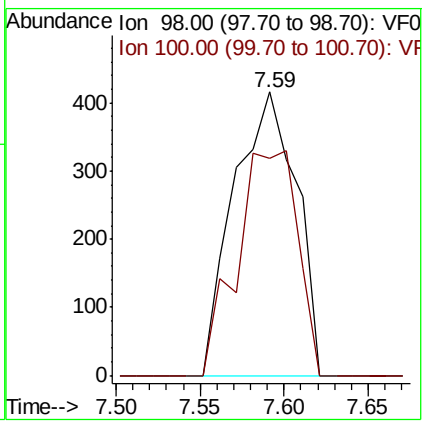


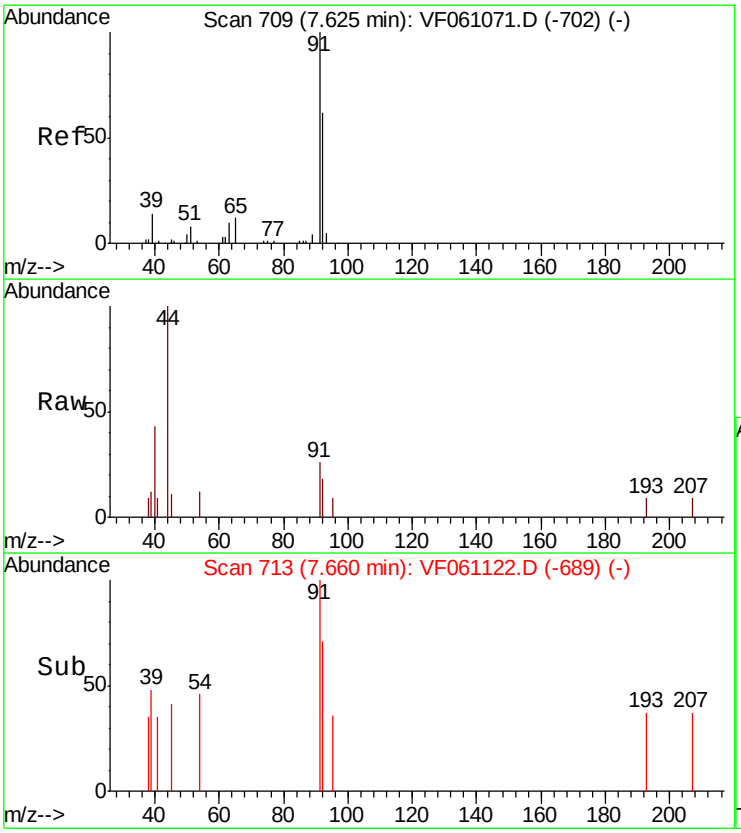
#50
Toluene-d8
Concen: 5.630 ug/l
RT: 7.59 min Scan# 706
Delta R.T. 0.04 min
Lab File: VF061122.D
Acq: 21 Dec 2018 13:22

Instrument : MSVOA_F
ClientSampleId : OK-01-121818-ARE

Tgt Ion: 98 Resp: 1068

Ion	Ratio	Lower	Upper
98	100		
100	76.4	55.3	82.9

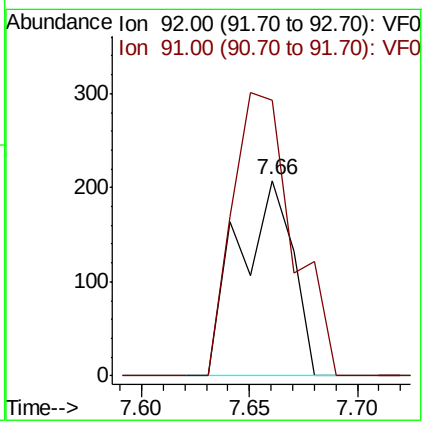


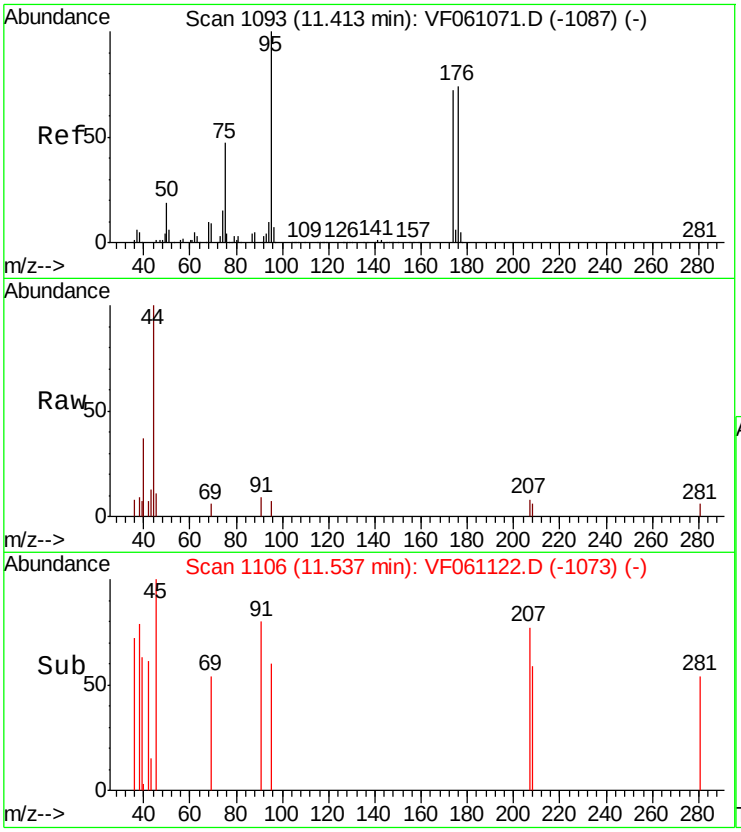


#52
Toluene
Concen: 2.521 ug/l
RT: 7.66 min Scan# 713
Delta R.T. 0.04 min
Lab File: VF061122.D
Acq: 21 Dec 2018 13:22

Tgt Ion: 92 Resp: 362

Ion	Ratio	Lower	Upper
92	100		
91	140.9	128.8	193.2



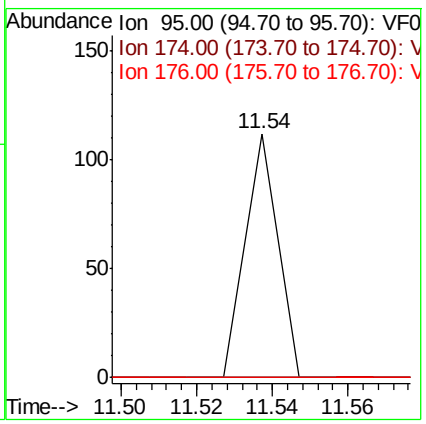


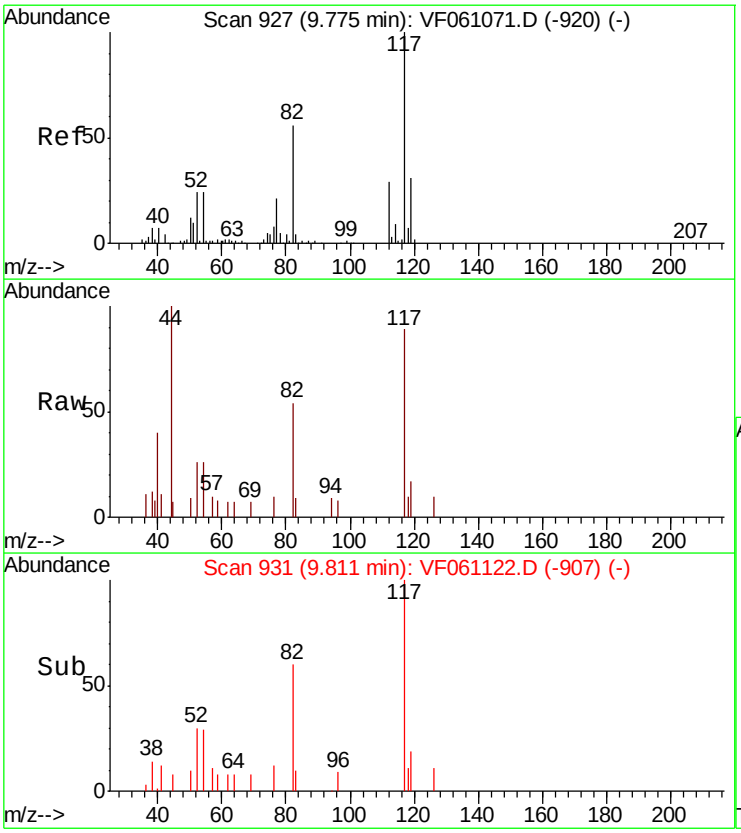
#62
4-Bromofluorobenzene
Concen: 0.755 ug/l
RT: 11.54 min Scan# 1106
Delta R.T. 0.12 min
Lab File: VF061122.D
Acq: 21 Dec 2018 13:22

Instrument : MSVOA_F
ClientSampleId : OK-01-121818-ARE

Tgt Ion: 95 Resp: 66

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

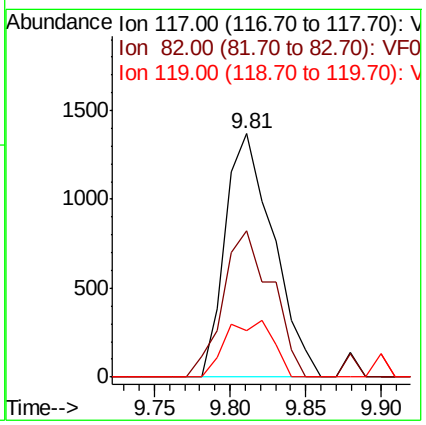


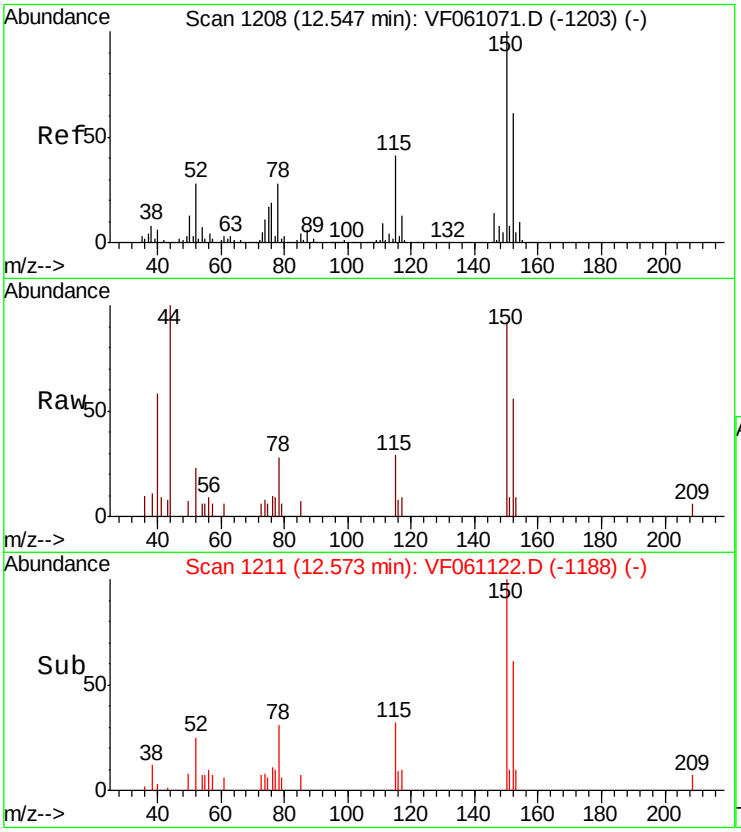


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.81 min Scan# 931
Delta R.T. 0.04 min
Lab File: VF061122.D
Acq: 21 Dec 2018 13:22

Tgt Ion:117 Resp: 3043

Ion	Ratio	Lower	Upper
117	100		
82	60.2	45.0	67.4
119	19.3	24.8	37.2#





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.57 min Scan# 1211
Delta R.T. 0.03 min
Lab File: VF061122.D
Acq: 21 Dec 2018 13:22

Instrument :
MSVOA_F
ClientSampleId :
OK-01-121818-ARE

Tgt Ion:152 Resp: 1716

Ion	Ratio	Lower	Upper
152	100		
115	52.5	33.3	99.9
150	164.3	0.0	328.2