Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF031519\
Data File : VF061970.D
Acq On : 15 Mar 2019 19:34
Operator : VA/AP
Sample : K1928-01RE
Misc : 5.23g/5mL/MSVOA-F/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId : SB-MW-7(1.5-2)RE

Quant Time: Mar 16 00:40:05 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F030419S.M
Quant Title : SW846 8260
QLast Update : Tue Mar 05 04:50:44 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.89	168	214337	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.62	114	329689	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.79	117	277957	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.56	152	143216	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.86	65	82957	53.15	ug/l	0.00
Spiked Amount 50.000			Recovery = 106.30%			
35) Dibromofluoromethane	4.14	113	24967	10.85	ug/l	0.02
Spiked Amount 50.000			Recovery = 21.70%			
50) Toluene-d8	7.57	98	299213	43.75	ug/l	0.00
Spiked Amount 50.000			Recovery = 87.50%			
62) 4-Bromofluorobenzene	11.42	95	122674	45.79	ug/l	0.00
Spiked Amount 50.000			Recovery = 91.58%			
Target Compounds						Qvalue
52) Toluene	7.64	92	11718	2.433	ug/l #	75
68) m/p-Xylenes	10.14	106	7089	2.091	ug/l #	73
84) 1,2,4-Trimethylbenzene	12.21	105	17011	2.192	ug/l	98

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

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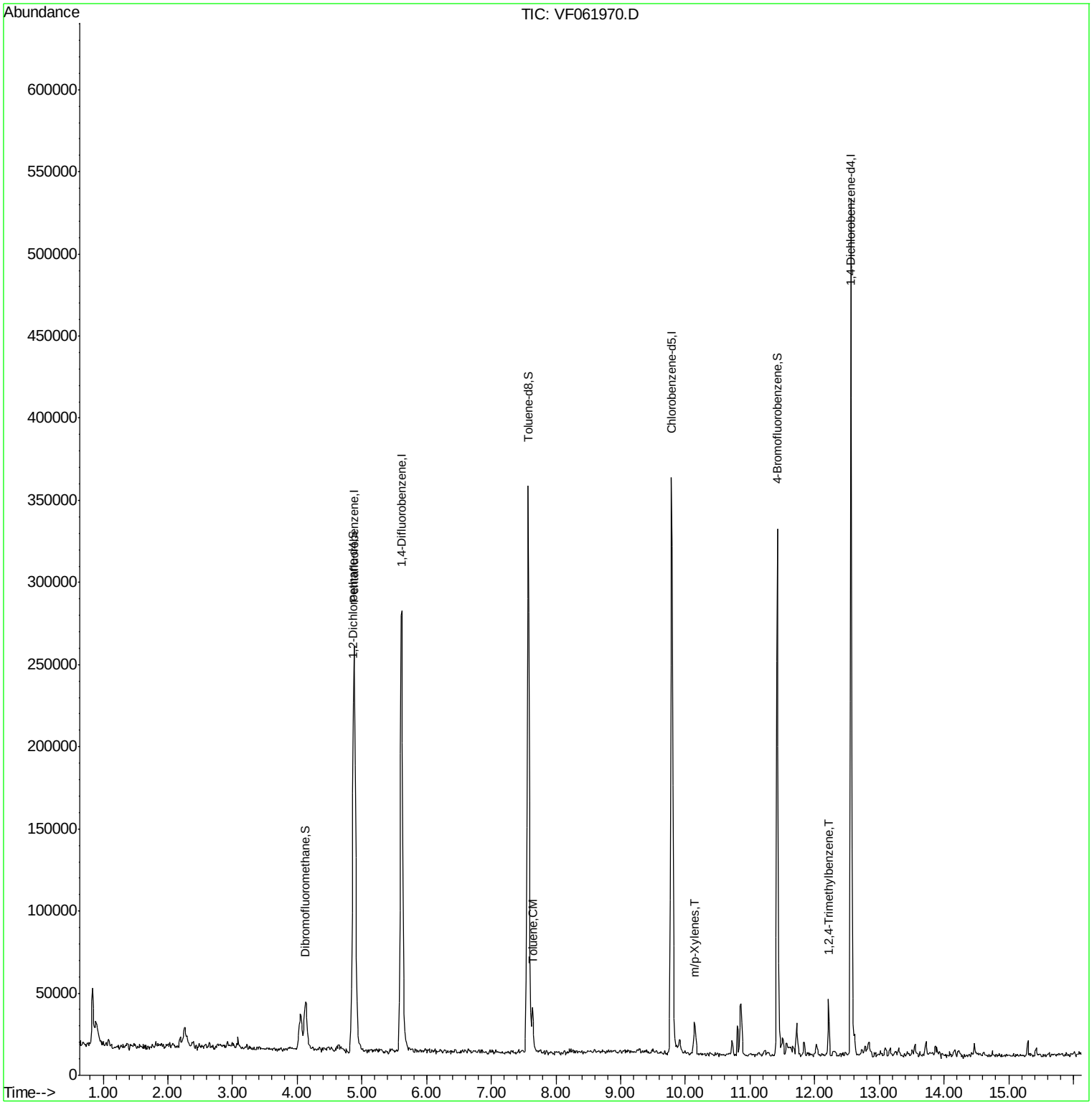
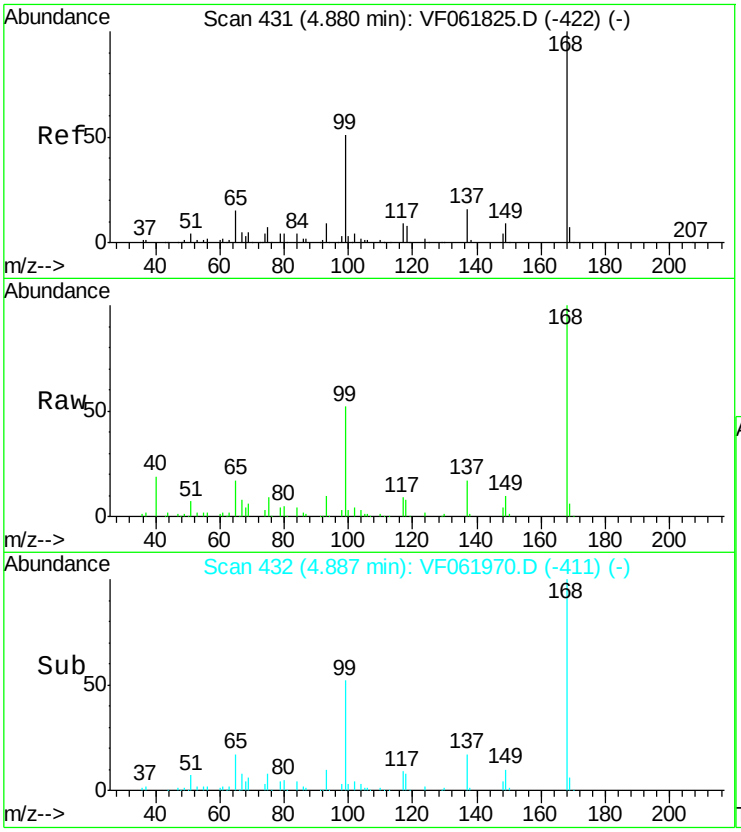


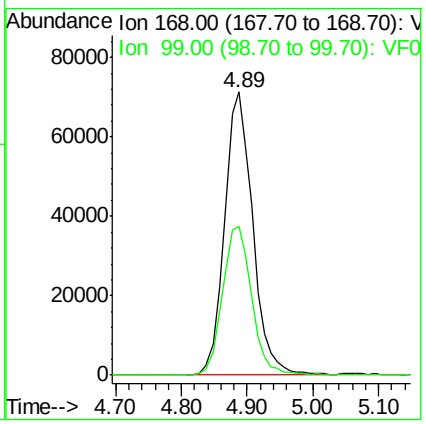


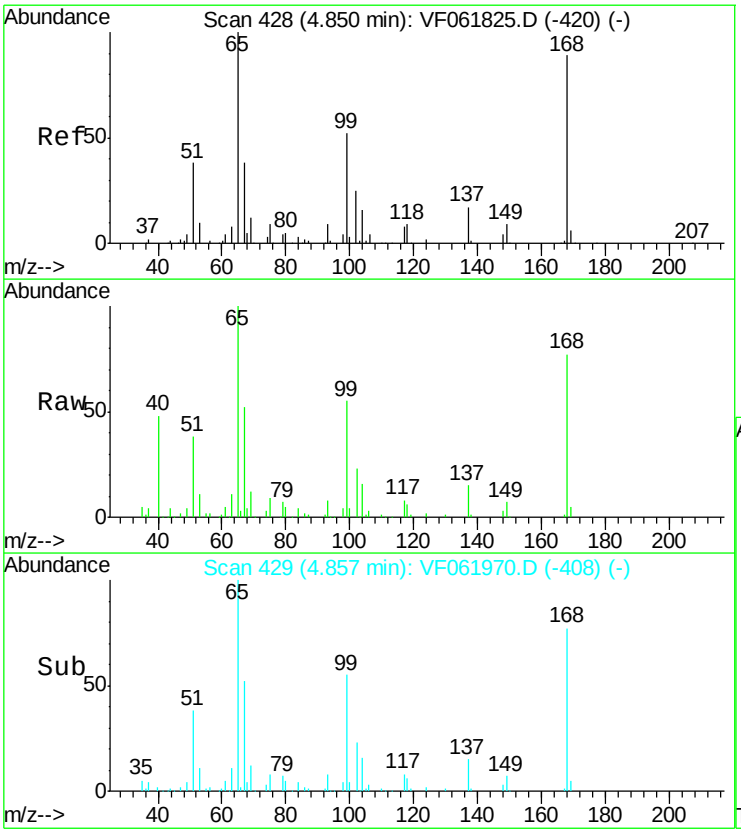
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 4.89 min Scan# 432
Delta R.T. 0.01 min
Lab File: VF061970.D
Acq: 15 Mar 2019 19:34

Instrument :
MSVOA_F
ClientSampleId :
SB-MW-7(1.5-2)RE

Tgt Ion:168 Resp: 214337

Ion	Ratio	Lower	Upper
168	100		
99	52.5	40.8	61.2

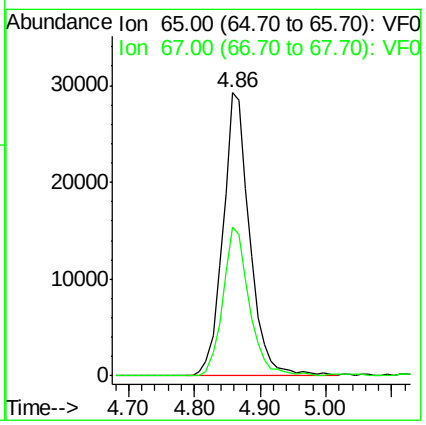


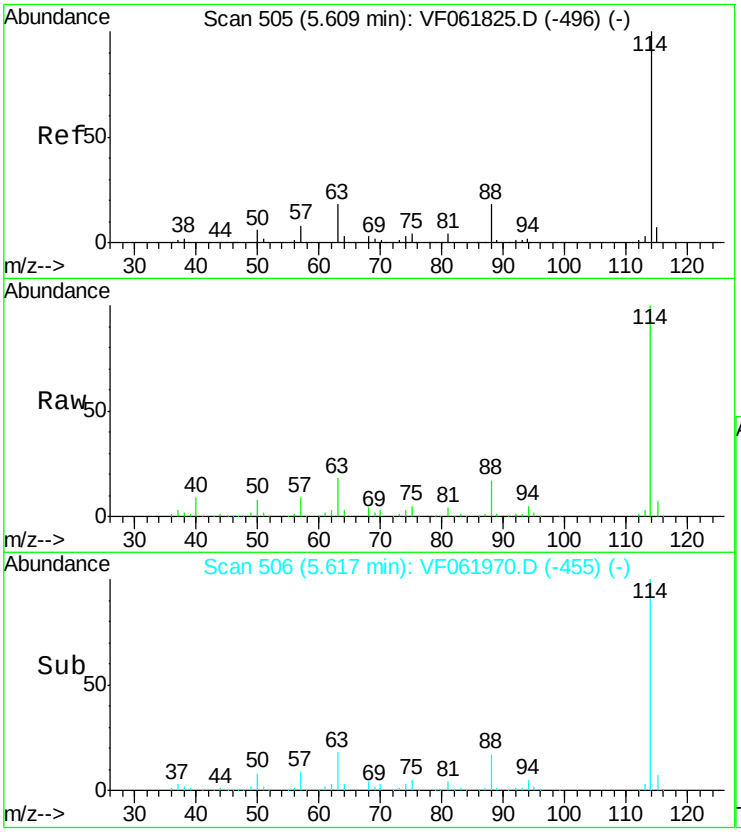


#33
1,2-Dichloroethane-d4
Concen: 53.147 ug/l
RT: 4.86 min Scan# 429
Delta R.T. 0.01 min
Lab File: VF061970.D
Acq: 15 Mar 2019 19:34

Tgt Ion: 65 Resp: 82957

Ion	Ratio	Lower	Upper
65	100		
67	52.5	0.0	108.6



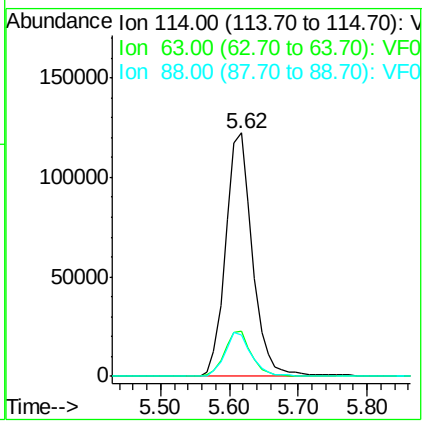


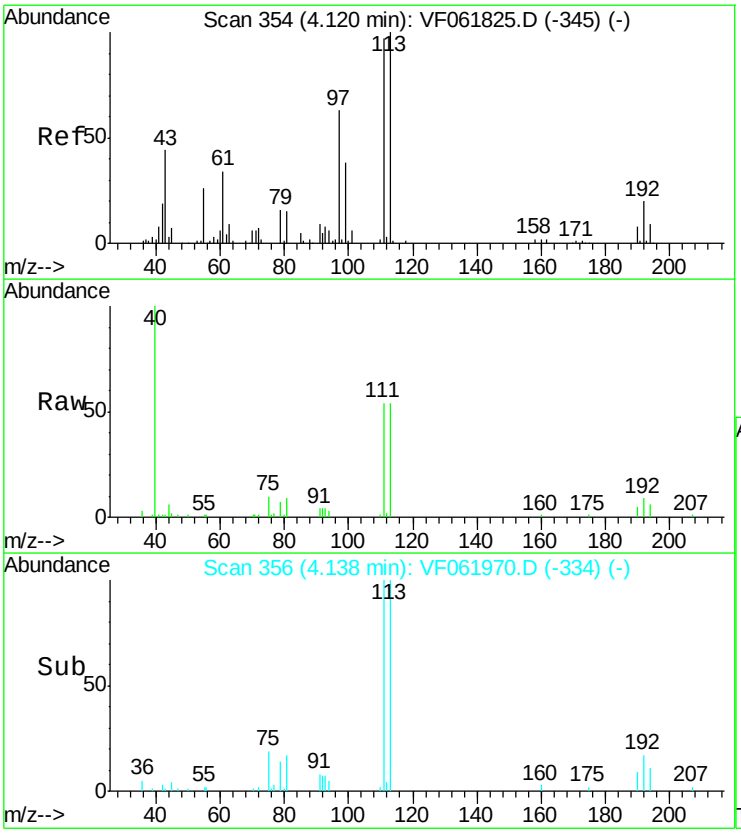
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.62 min Scan# 506
Delta R.T. 0.01 min
Lab File: VF061970.D
Acq: 15 Mar 2019 19:34

Instrument :
MSVOA_F
ClientSampleId :
SB-MW-7(1.5-2)RE

Tgt Ion:114 Resp: 329689

Ion	Ratio	Lower	Upper
114	100		
63	18.3	0.0	35.6
88	17.1	0.0	35.6

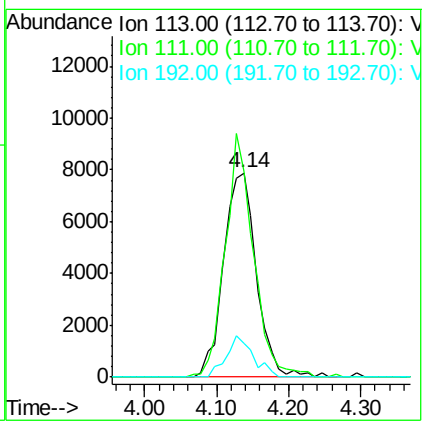


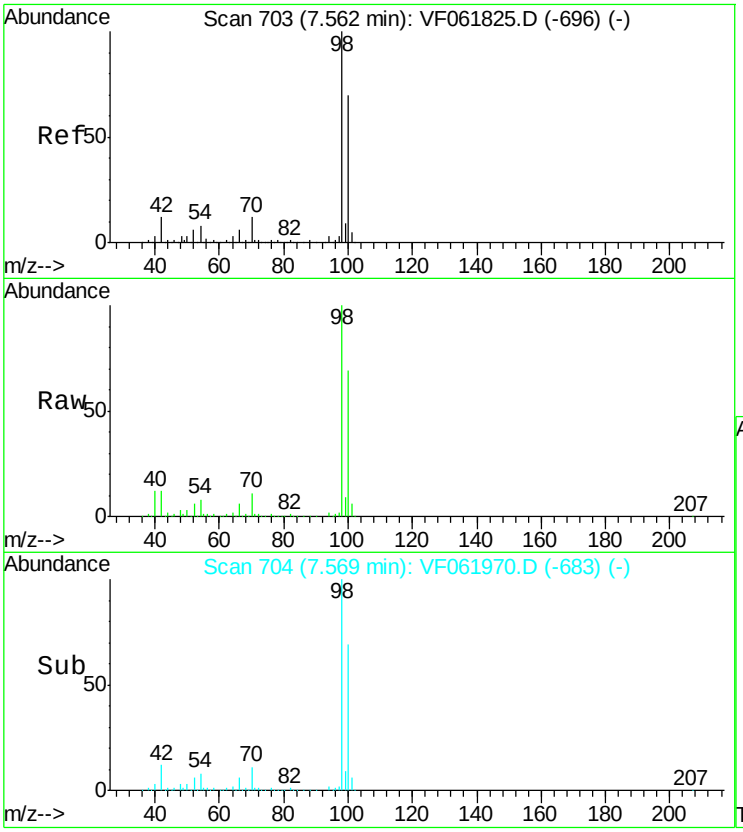


#35
Dibromofluoromethane
Concen: 10.851 ug/l
RT: 4.14 min Scan# 356
Delta R.T. 0.02 min
Lab File: VF061970.D
Acq: 15 Mar 2019 19:34

Tgt Ion:113 Resp: 24967

Ion	Ratio	Lower	Upper
113	100		
111	100.3	77.6	116.4
192	16.6	15.9	23.9



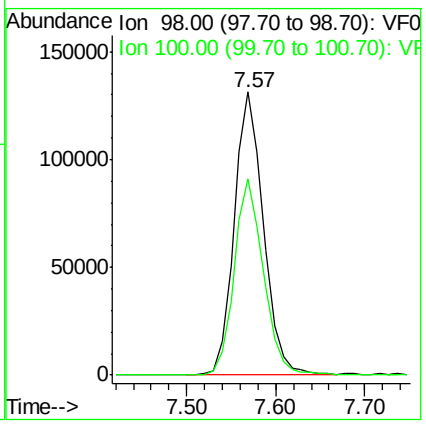


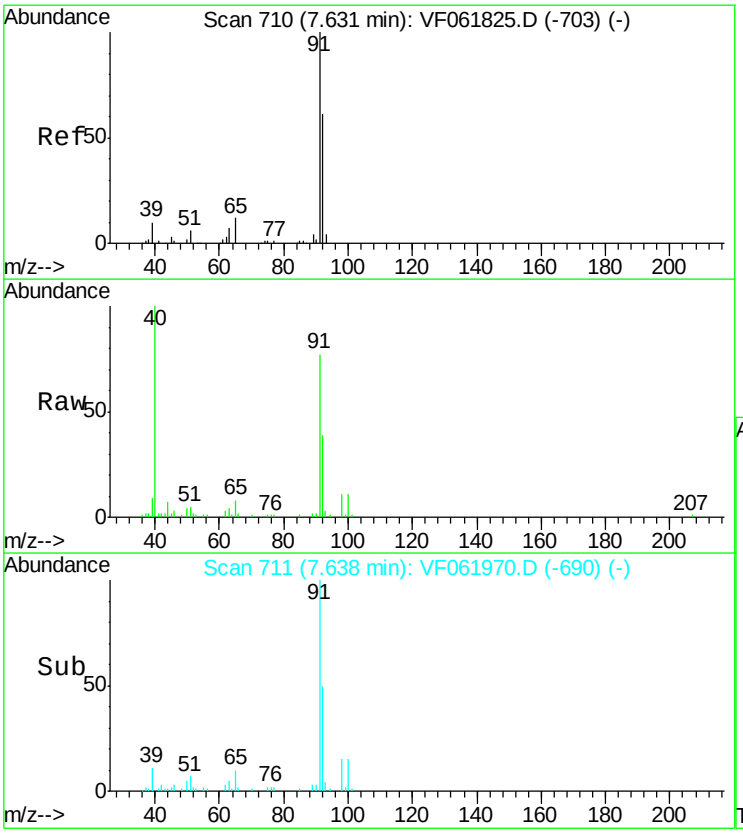
#50
Toluene-d8
Concen: 43.753 ug/l
RT: 7.57 min Scan# 704
Delta R.T. 0.01 min
Lab File: VF061970.D
Acq: 15 Mar 2019 19:34

Instrument :
MSVOA_F
ClientSampleId :
SB-MW-7(1.5-2)RE

Tgt Ion: 98 Resp: 299213

Ion	Ratio	Lower	Upper
98	100		
100	69.3	56.0	84.0

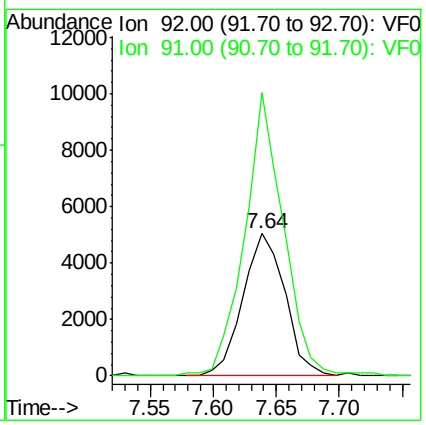


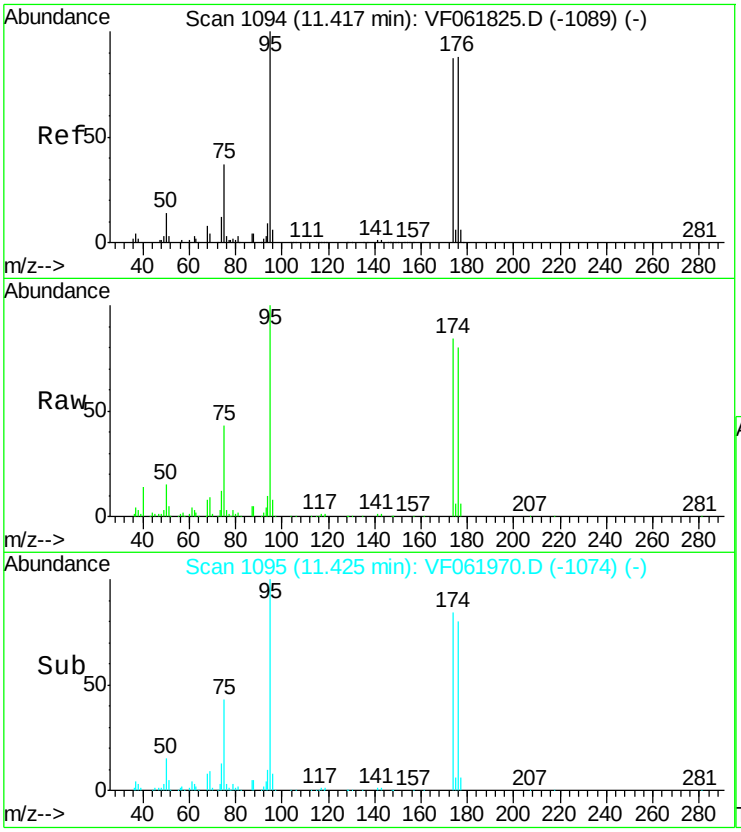


#52
Toluene
Concen: 2.433 ug/l
RT: 7.64 min Scan# 711
Delta R.T. 0.01 min
Lab File: VF061970.D
Acq: 15 Mar 2019 19:34

Tgt Ion: 92 Resp: 11718

Ion	Ratio	Lower	Upper
92	100		
91	199.1	132.0	198.0#



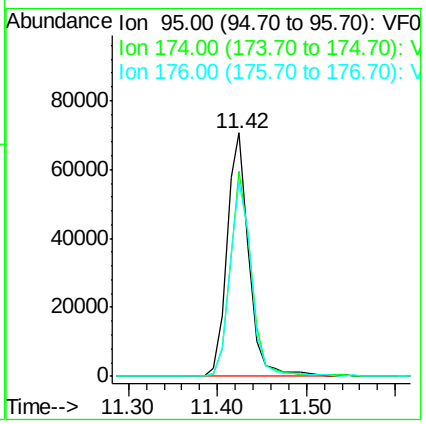


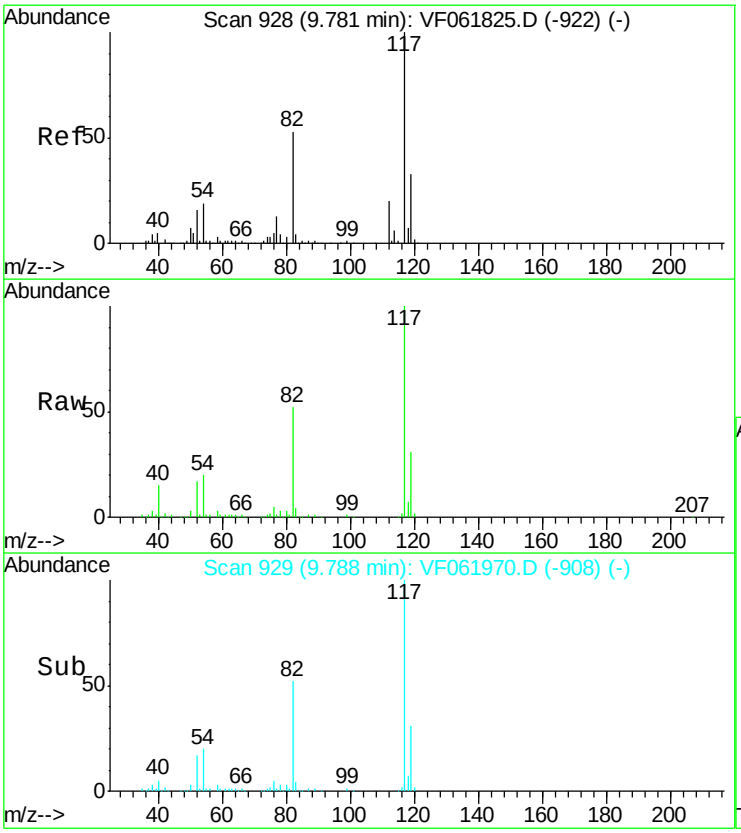
#62
4-Bromofluorobenzene
Concen: 45.793 ug/l
RT: 11.42 min Scan# 1095
Delta R.T. 0.01 min
Lab File: VF061970.D
Acq: 15 Mar 2019 19:34

Instrument :
MSVOA_F
ClientSampleId :
SB-MW-7(1.5-2)RE

Tgt Ion: 95 Resp: 122674

Ion	Ratio	Lower	Upper
95	100		
174	84.2	0.0	174.0
176	80.3	0.0	175.2

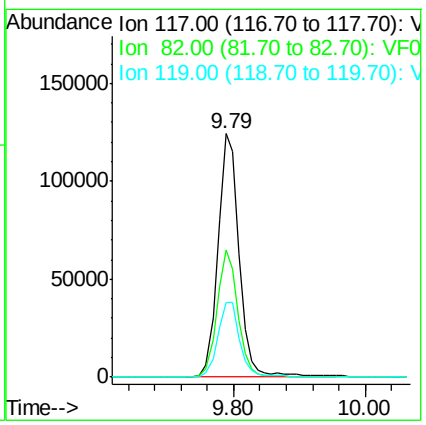


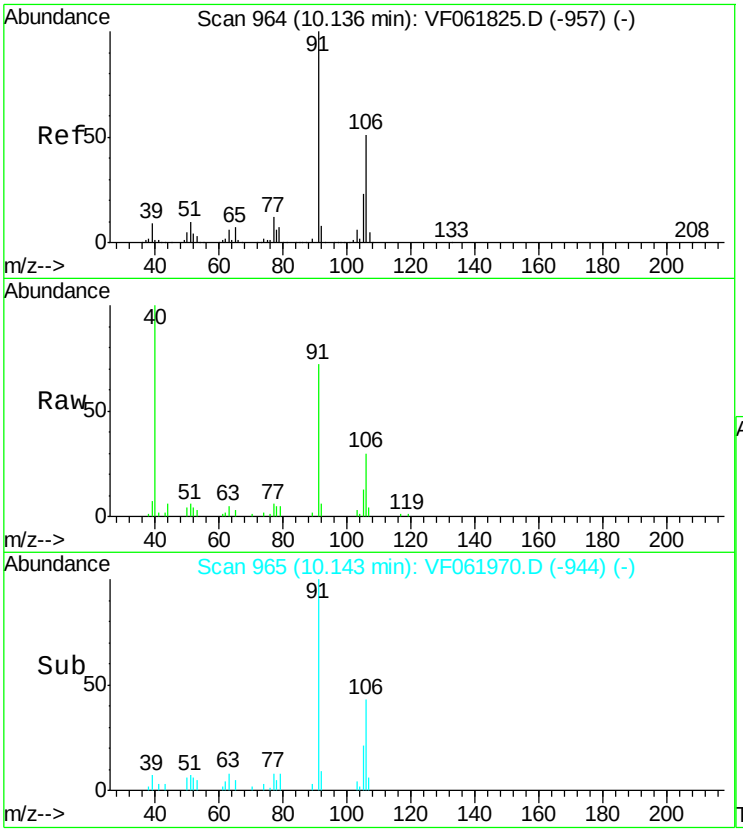


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.79 min Scan# 929
Delta R.T. 0.01 min
Lab File: VF061970.D
Acq: 15 Mar 2019 19:34

Tgt Ion:117 Resp: 277957

Ion	Ratio	Lower	Upper
117	100		
82	52.4	42.6	63.8
119	30.7	26.0	39.0



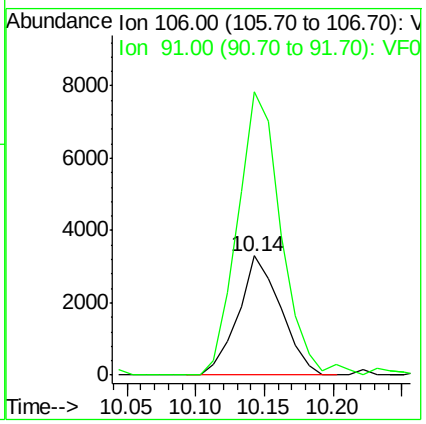


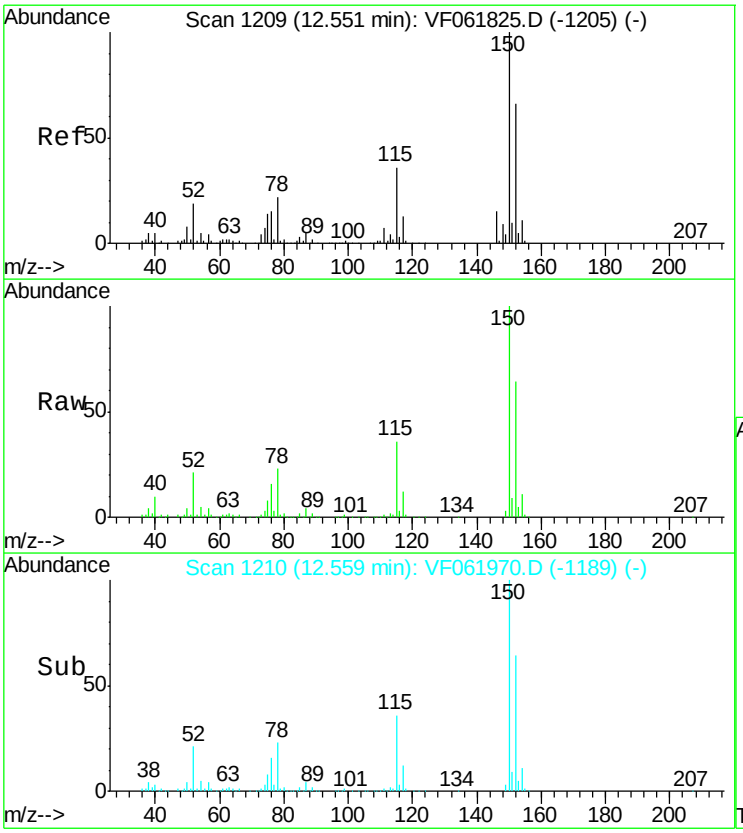
#68
m/p-Xylenes
Concen: 2.091 ug/l
RT: 10.14 min Scan# 965
Delta R.T. 0.01 min
Lab File: VF061970.D
Acq: 15 Mar 2019 19:34

Instrument : MSVOA_F
ClientSampleId : SB-MW-7(1.5-2)RE

Tgt Ion:106 Resp: 7089

Ion	Ratio	Lower	Upper
106	100		
91	237.8	157.5	236.3#

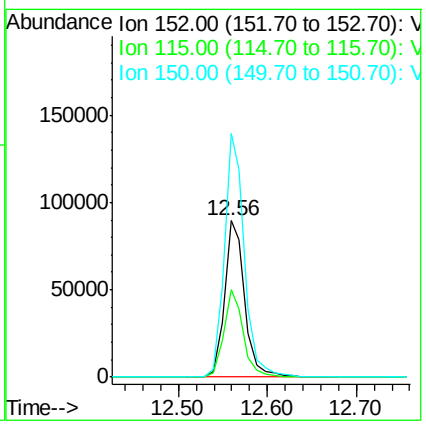


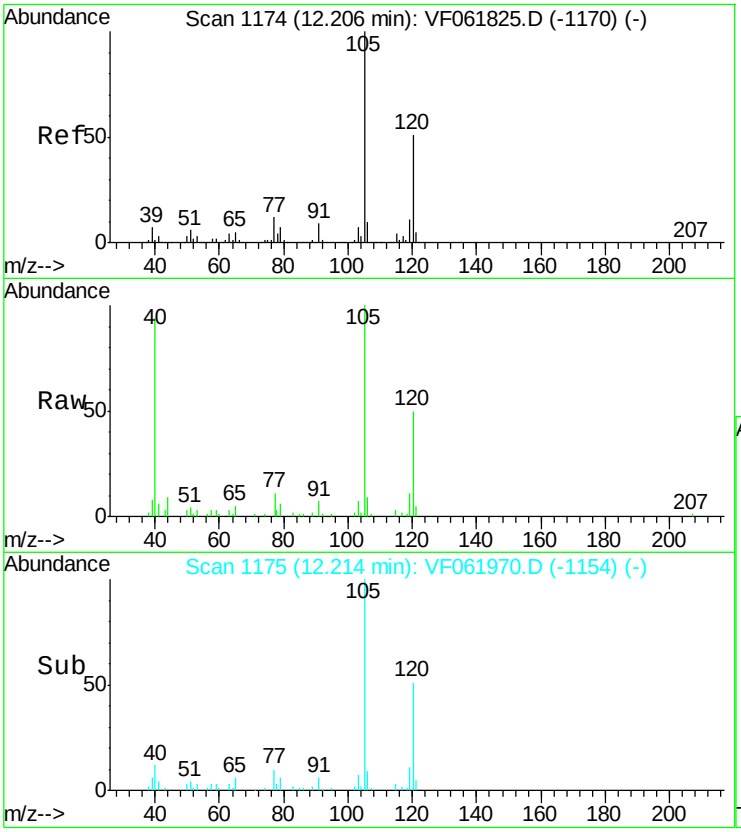


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.56 min Scan# 1210
Delta R.T. 0.01 min
Lab File: VF061970.D
Acq: 15 Mar 2019 19:34

Tgt Ion:152 Resp: 143216

Ion	Ratio	Lower	Upper
152	100		
115	56.4	27.7	83.1
150	156.0	0.0	304.2





#84
1,2,4-Trimethylbenzene
Concen: 2.192 ug/l
RT: 12.21 min Scan# 1175
Delta R.T. 0.01 min
Lab File: VF061970.D
Acq: 15 Mar 2019 19:34

Instrument :
MSVOA_F
ClientSampleId :
SB-MW-7(1.5-2)RE

Tgt Ion:105 Resp: 17011

Ion	Ratio	Lower	Upper
105	100		
120	50.2	25.8	77.4