Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF122118\
Data File : VF061125.D
Acq On : 21 Dec 2018 14:48
Operator : VA/AP
Sample : J6196-09RE
Misc : 6.97g/5mL/MSVOA-F/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId : EO-01-121818-BRE

Quant Time: Dec 21 16:11:14 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	4.90	168	195261	50.00	ug/l	0.03
34) 1,4-Difluorobenzene	5.63	114	206182	50.00	ug/l	0.04
63) Chlorobenzene-d5	9.81	117	44206	50.00	ug/l	0.03
72) 1,4-Dichlorobenzene-d4	12.58	152	93009	50.00	ug/l	0.03
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.87	65	13209	5.26	ug/l	0.03
Spiked Amount 50.000			Recovery = 10.52%			
35) Dibromofluoromethane	4.15	113	14774	8.95	ug/l	0.04
Spiked Amount 50.000			Recovery = 17.90%			
50) Toluene-d8	7.60	98	1474	0.31	ug/l	0.04
Spiked Amount 50.000			Recovery = 0.62%			
62) 4-Bromofluorobenzene	11.43	95	12394	5.74	ug/l	0.02
Spiked Amount 50.000			Recovery = 11.48%			
Target Compounds						Qvalue
16) Acetone	2.27	43	19235	38.313	ug/l	98
25) 2-Butanone	4.38	43	7449	9.148	ug/l	97
52) Toluene	7.66	92	7093	2.002	ug/l	96
67) Ethyl Benzene	9.94	91	4779	2.872	ug/l	96
68) m/p-Xylenes	10.16	106	3335	5.696	ug/l	90
69) o-Xylene	10.74	106	1331	2.050	ug/l	95
95) Naphthalene	14.48	128	6545	1.639	ug/l #	93

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

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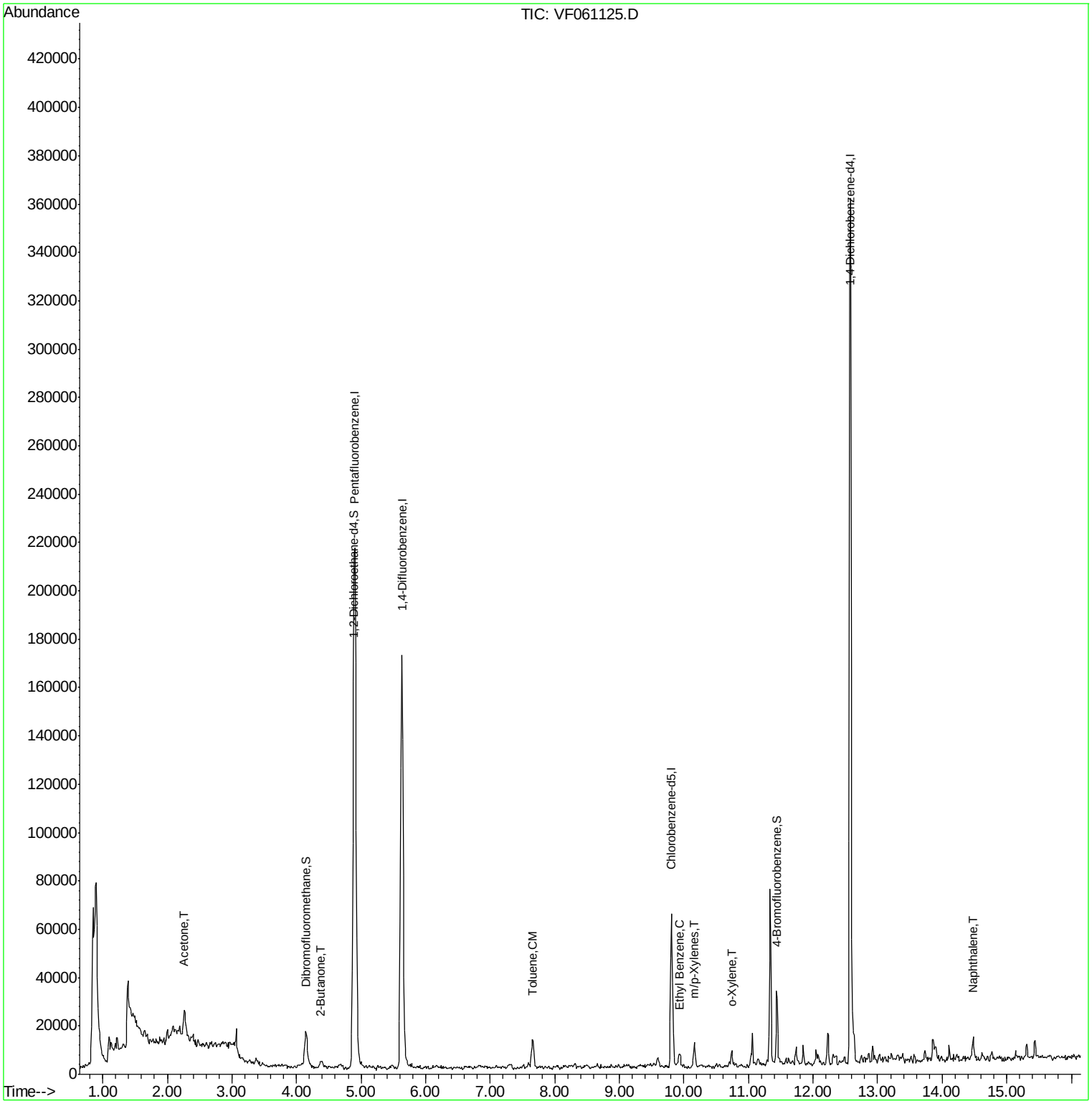
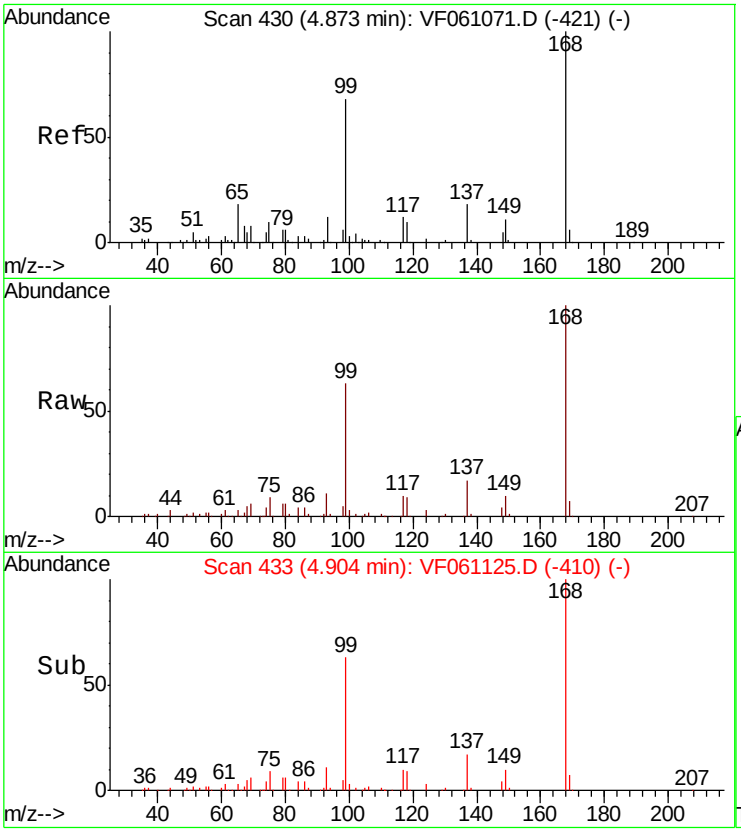


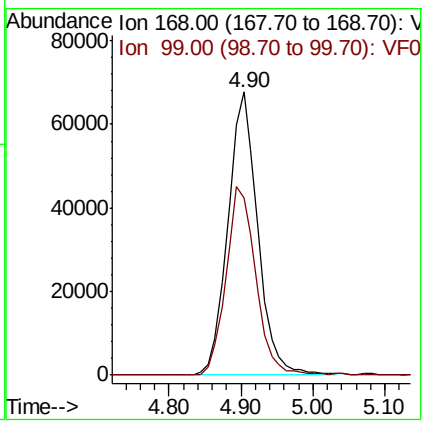


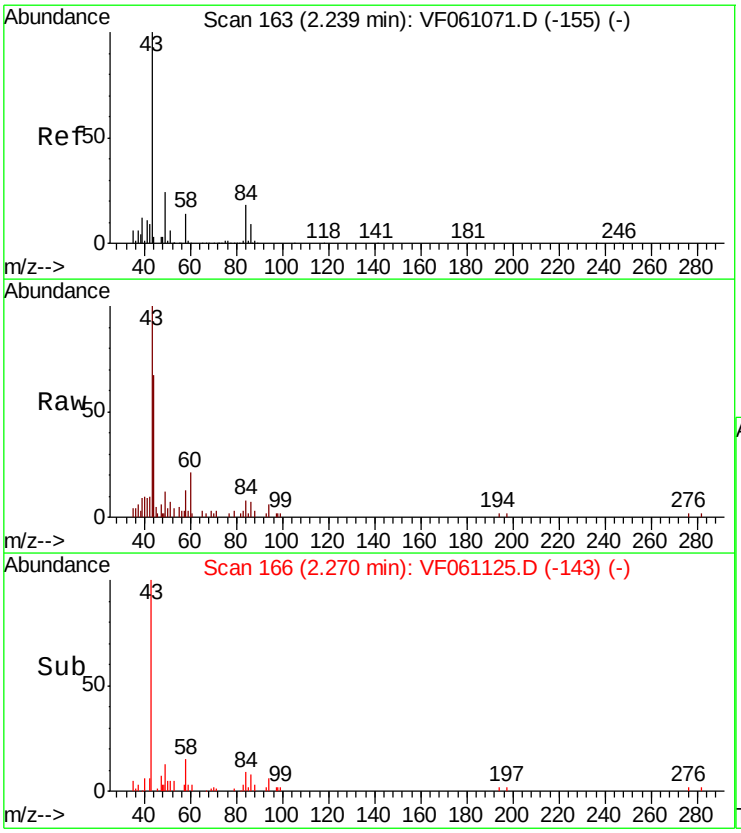
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 4.90 min Scan# 433
Delta R.T. 0.03 min
Lab File: VF061125.D
Acq: 21 Dec 2018 14:48

Instrument :
MSVOA_F
ClientSampleId :
EO-01-121818-BRE

Tgt Ion:168 Resp: 195261

Ion	Ratio	Lower	Upper
168	100		
99	62.5	54.4	81.6

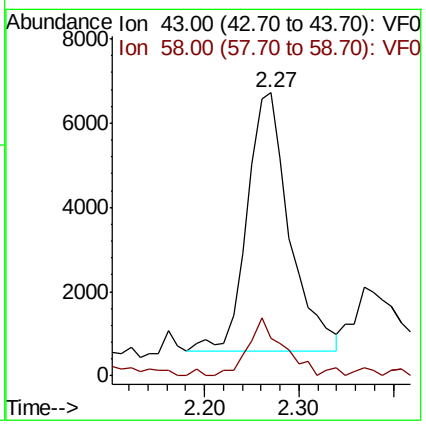


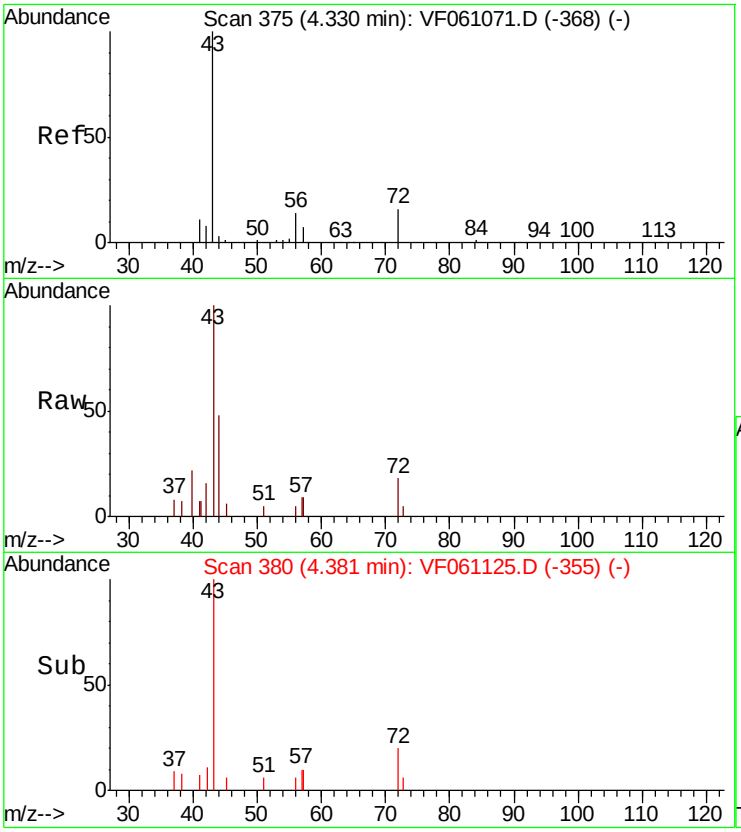


#16
Acetone
Concen: 38.313 ug/l
RT: 2.27 min Scan# 166
Delta R.T. 0.03 min
Lab File: VF061125.D
Acq: 21 Dec 2018 14:48

Tgt Ion: 43 Resp: 19235

Ion	Ratio	Lower	Upper
43	100		
58	13.2	11.1	16.7



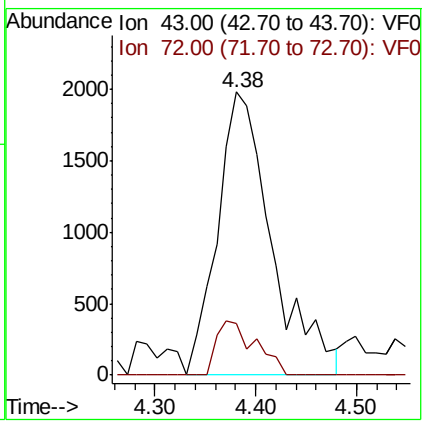


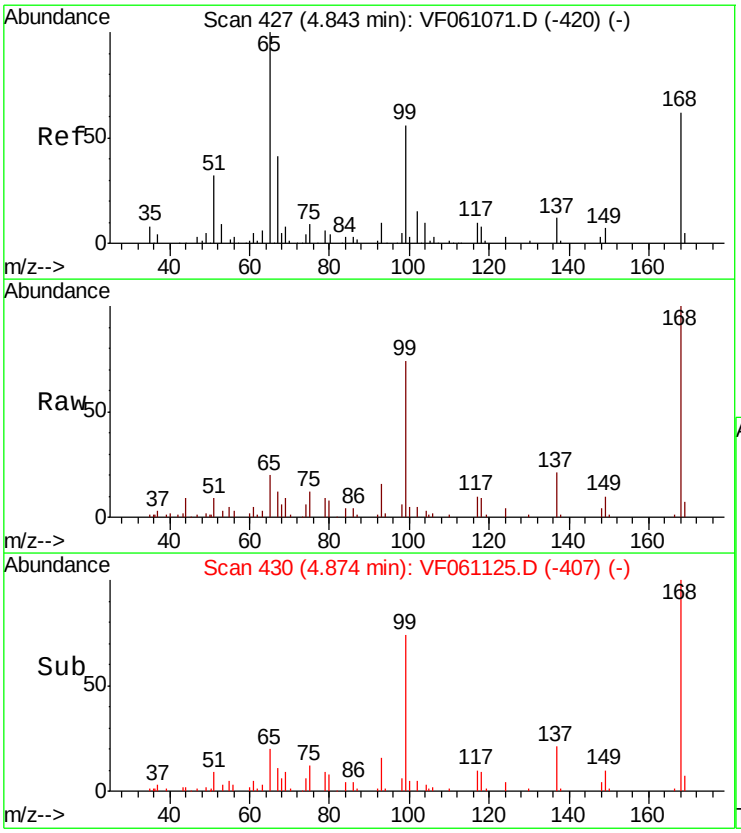
#25
2-Butanone
Concen: 9.148 ug/l
RT: 4.38 min Scan# 380
Delta R.T. 0.05 min
Lab File: VF061125.D
Acq: 21 Dec 2018 14:48

Instrument :
MSVOA_F
ClientSampleId :
EO-01-121818-BRE

Tgt Ion: 43 Resp: 7449

Ion	Ratio	Lower	Upper
43	100		
72	18.2	15.6	23.4

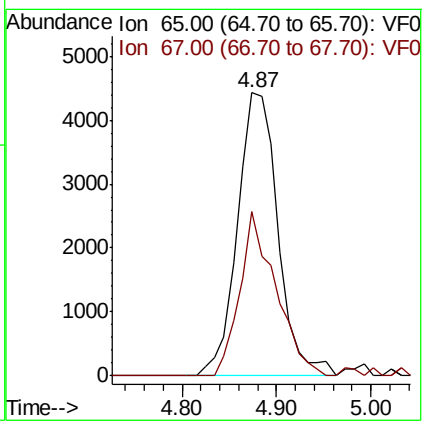


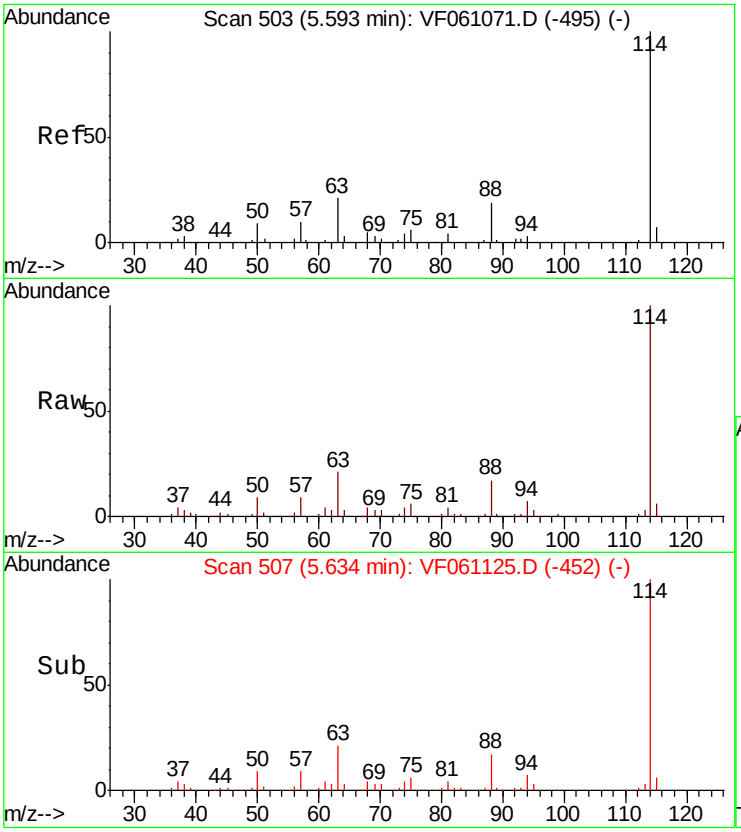


#33
1,2-Dichloroethane-d4
Concen: 5.260 ug/l
RT: 4.87 min Scan# 430
Delta R.T. 0.03 min
Lab File: VF061125.D
Acq: 21 Dec 2018 14:48

Tgt Ion: 65 Resp: 13209

Ion	Ratio	Lower	Upper
65	100		
67	58.1	0.0	94.6



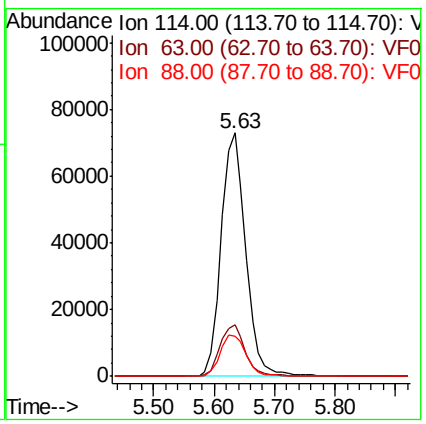


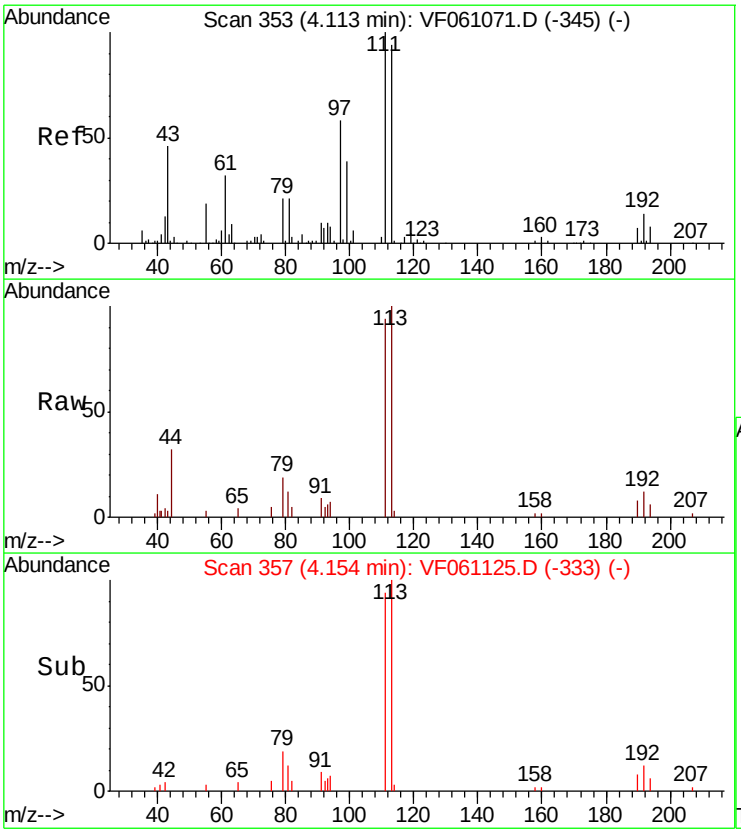
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.63 min Scan# 507
Delta R.T. 0.04 min
Lab File: VF061125.D
Acq: 21 Dec 2018 14:48

Instrument :
MSVOA_F
ClientSampleId :
EO-01-121818-BRE

Tgt Ion:114 Resp: 206182

Ion	Ratio	Lower	Upper
114	100		
63	21.0	0.0	41.6
88	16.6	0.0	38.0

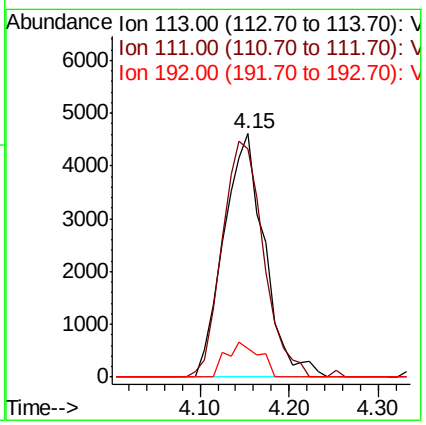


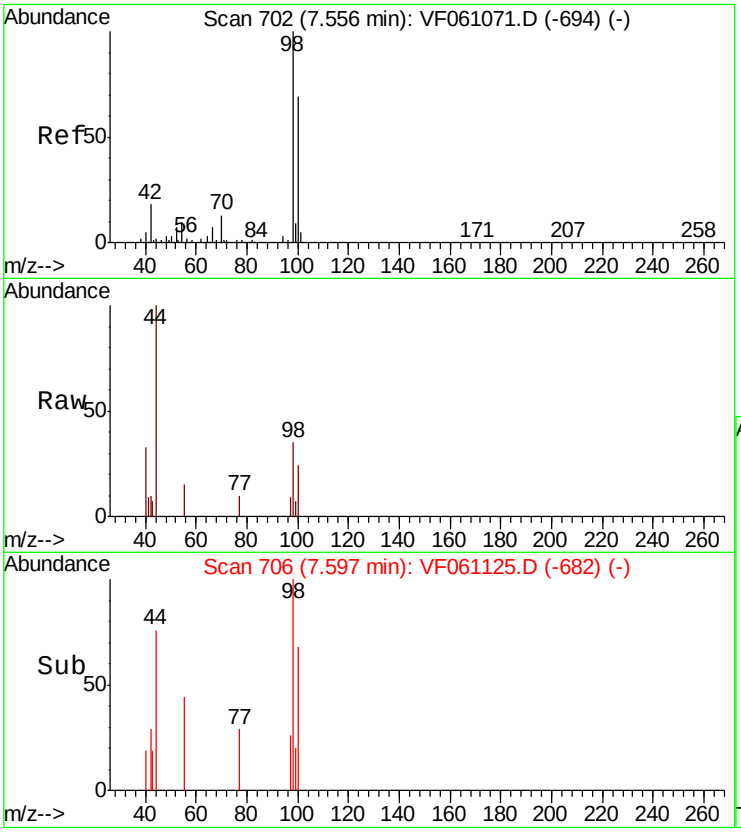


#35
Dibromofluoromethane
Concen: 8.945 ug/l
RT: 4.15 min Scan# 357
Delta R.T. 0.04 min
Lab File: VF061125.D
Acq: 21 Dec 2018 14:48

Tgt Ion:113 Resp: 14774

Ion	Ratio	Lower	Upper
113	100		
111	93.9	85.2	127.8
192	11.8	12.8	19.2#



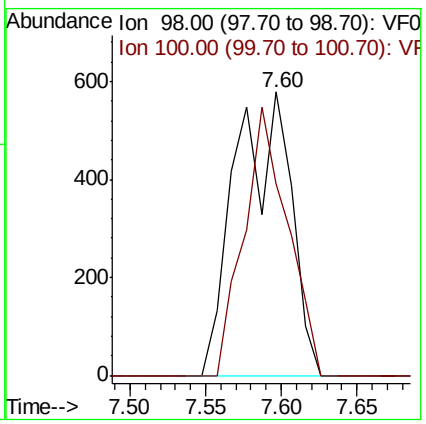


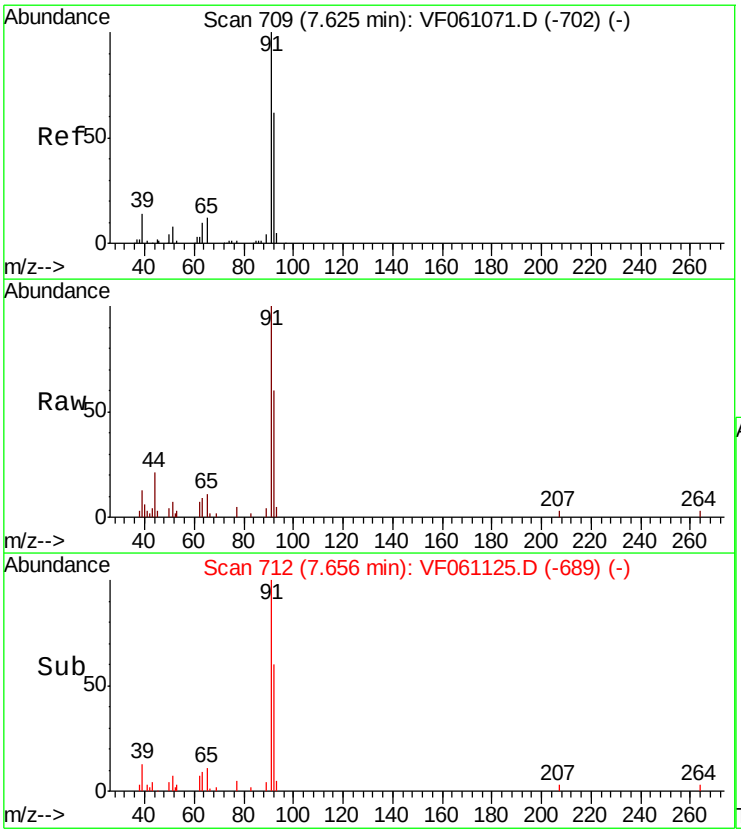
#50
Toluene-d8
Concen: 0.315 ug/l
RT: 7.60 min Scan# 706
Delta R.T. 0.04 min
Lab File: VF061125.D
Acq: 21 Dec 2018 14:48

Instrument : MSVOA_F
ClientSampleId : EO-01-121818-BRE

Tgt Ion: 98 Resp: 1474

Ion	Ratio	Lower	Upper
98	100		
100	67.8	55.3	82.9

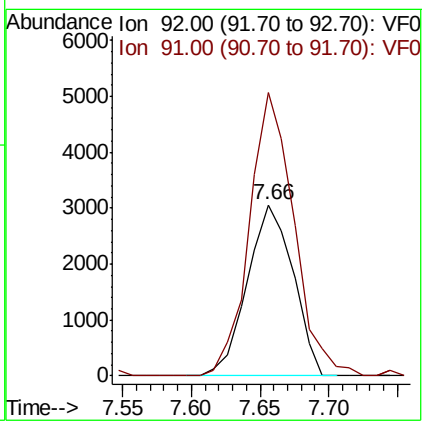


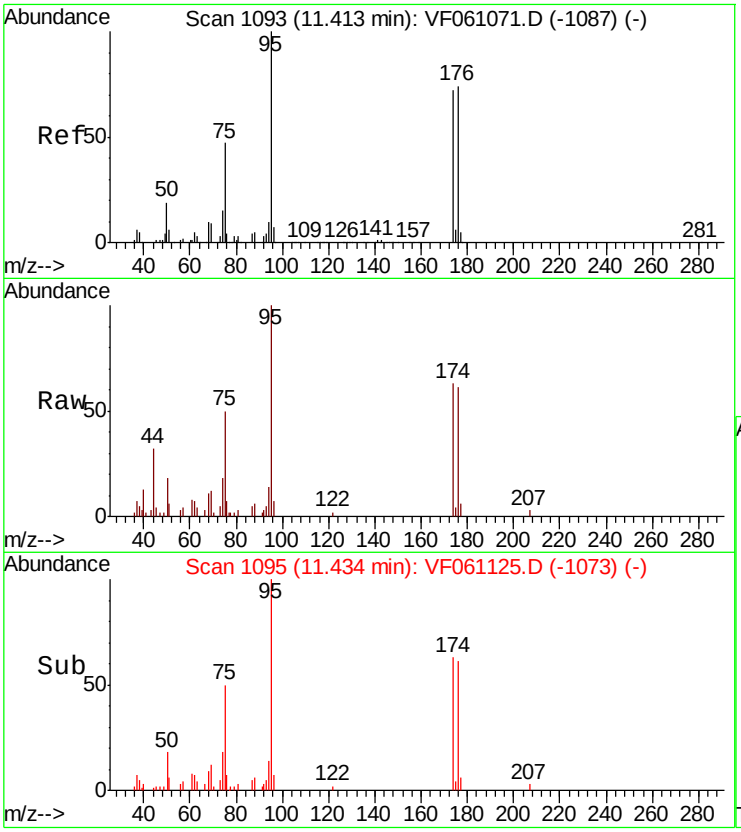


#52
Toluene
Concen: 2.002 ug/l
RT: 7.66 min Scan# 712
Delta R.T. 0.03 min
Lab File: VF061125.D
Acq: 21 Dec 2018 14:48

Tgt Ion: 92 Resp: 7093

Ion	Ratio	Lower	Upper
92	100		
91	165.7	128.8	193.2



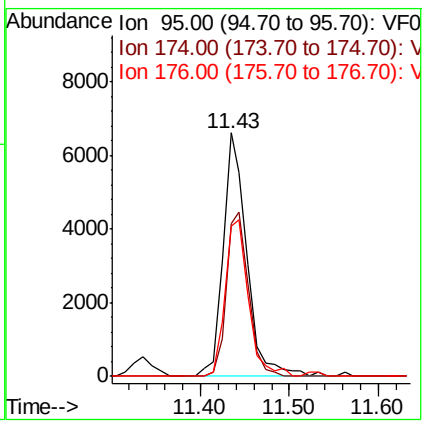


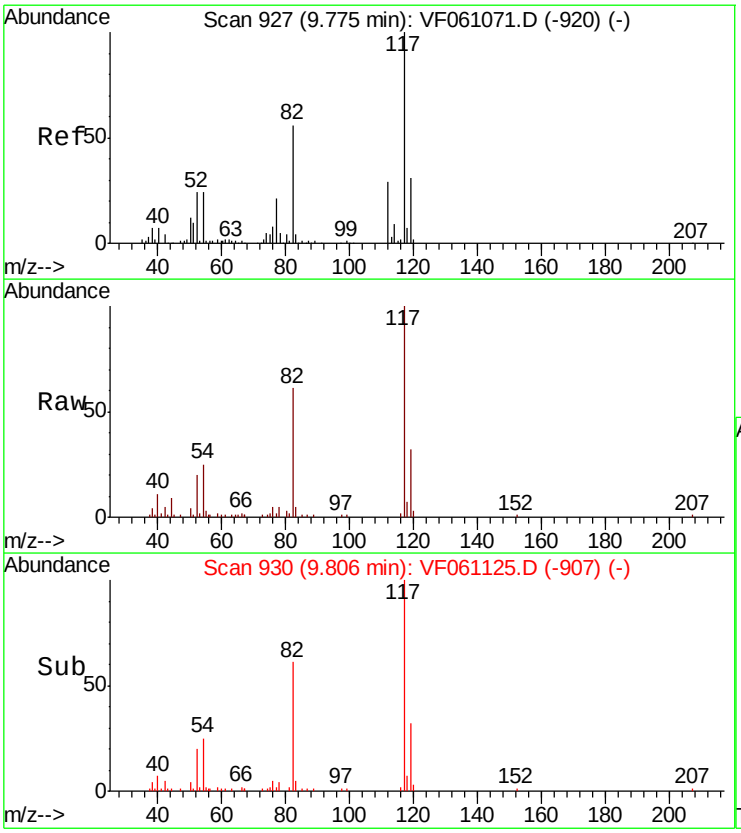
#62
4-Bromofluorobenzene
Concen: 5.744 ug/l
RT: 11.43 min Scan# 1095
Delta R.T. 0.02 min
Lab File: VF061125.D
Acq: 21 Dec 2018 14:48

Instrument :
MSVOA_F
ClientSampleId :
EO-01-121818-BRE

Tgt Ion: 95 Resp: 12394

Ion	Ratio	Lower	Upper
95	100		
174	62.8	0.0	143.8
176	61.4	0.0	147.6

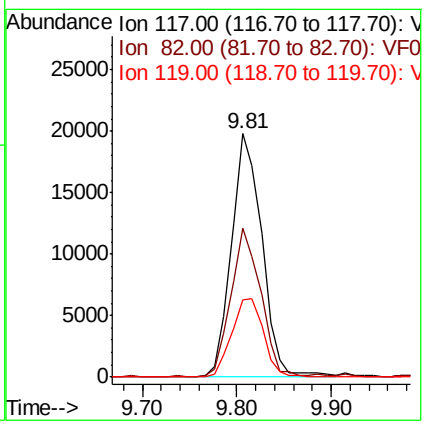


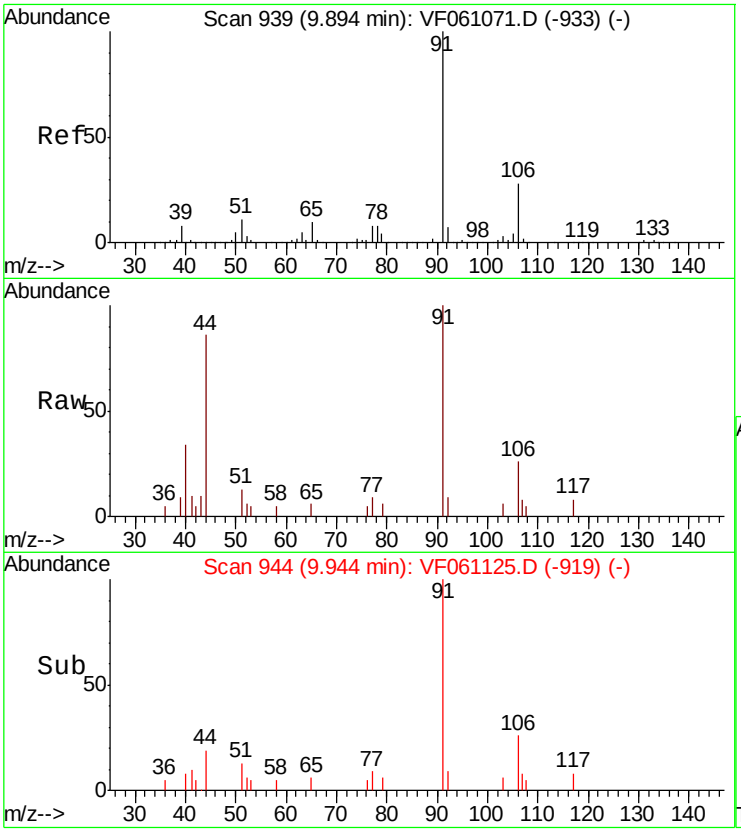


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.81 min Scan# 930
Delta R.T. 0.03 min
Lab File: VF061125.D
Acq: 21 Dec 2018 14:48

Tgt Ion:117 Resp: 44206

Ion	Ratio	Lower	Upper
117	100		
82	61.0	45.0	67.4
119	31.6	24.8	37.2



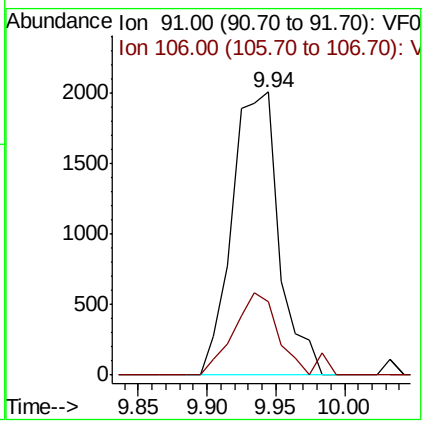


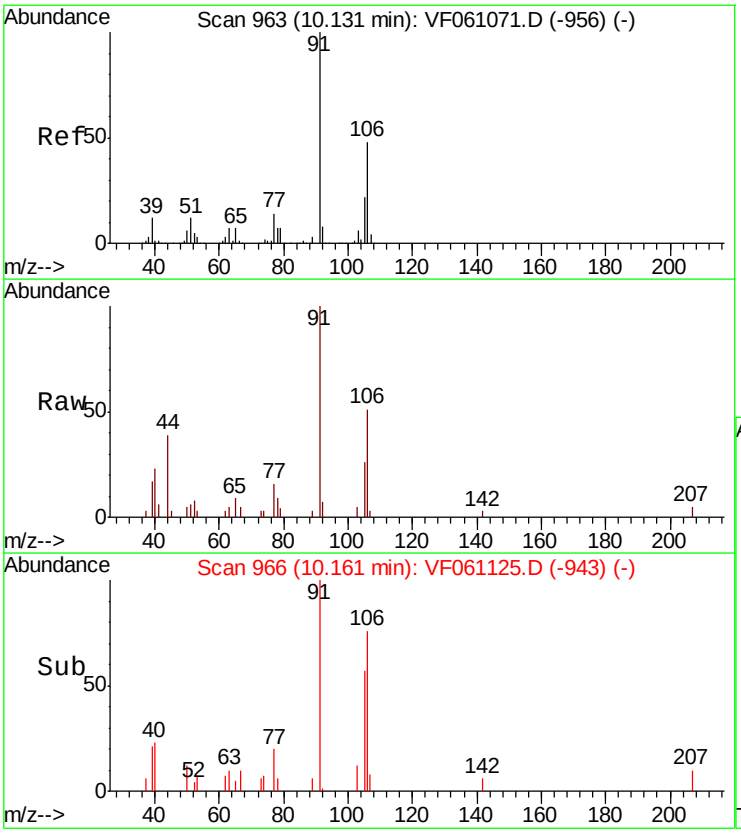
#67
Ethyl Benzene
Concen: 2.872 ug/l
RT: 9.94 min Scan# 944
Delta R.T. 0.05 min
Lab File: VF061125.D
Acq: 21 Dec 2018 14:48

Instrument :
MSVOA_F
ClientSampleId :
EO-01-121818-BRE

Tgt Ion: 91 Resp: 4779

Ion	Ratio	Lower	Upper
91	100		
106	26.2	22.5	33.7

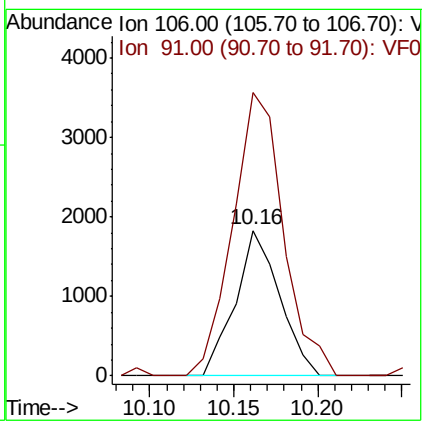


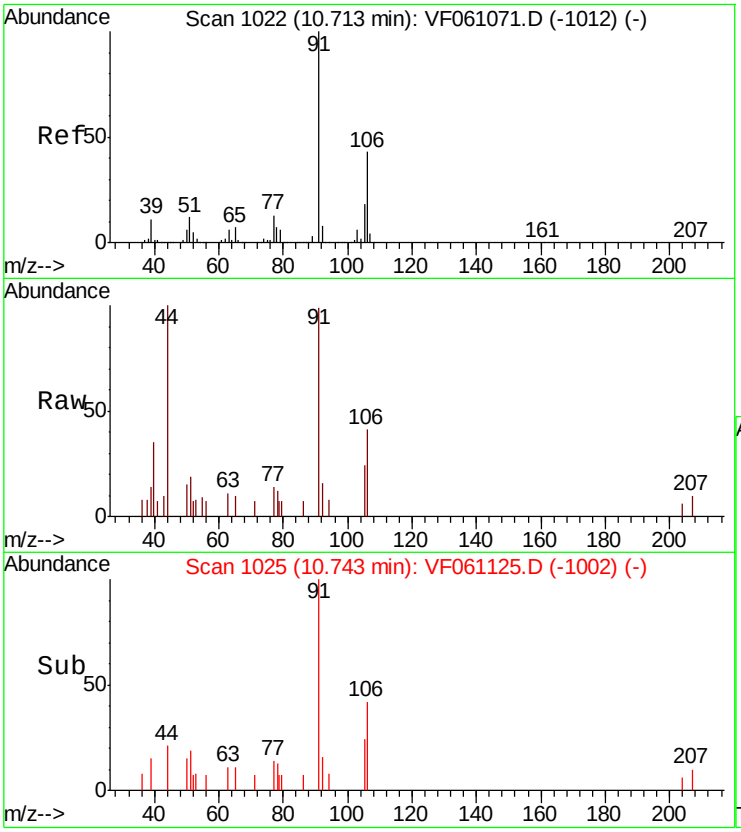


#68
m/p-Xylenes
Concen: 5.696 ug/l
RT: 10.16 min Scan# 966
Delta R.T. 0.03 min
Lab File: VF061125.D
Acq: 21 Dec 2018 14:48

Tgt Ion:106 Resp: 3335

Ion	Ratio	Lower	Upper
106	100		
91	194.5	168.2	252.2



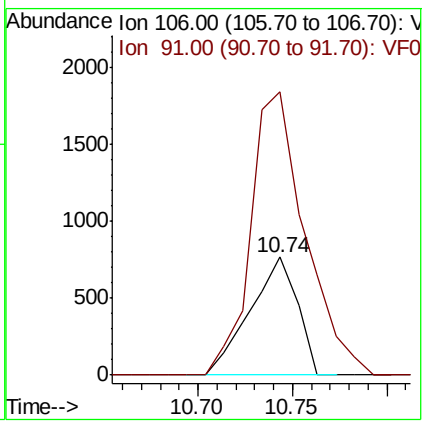


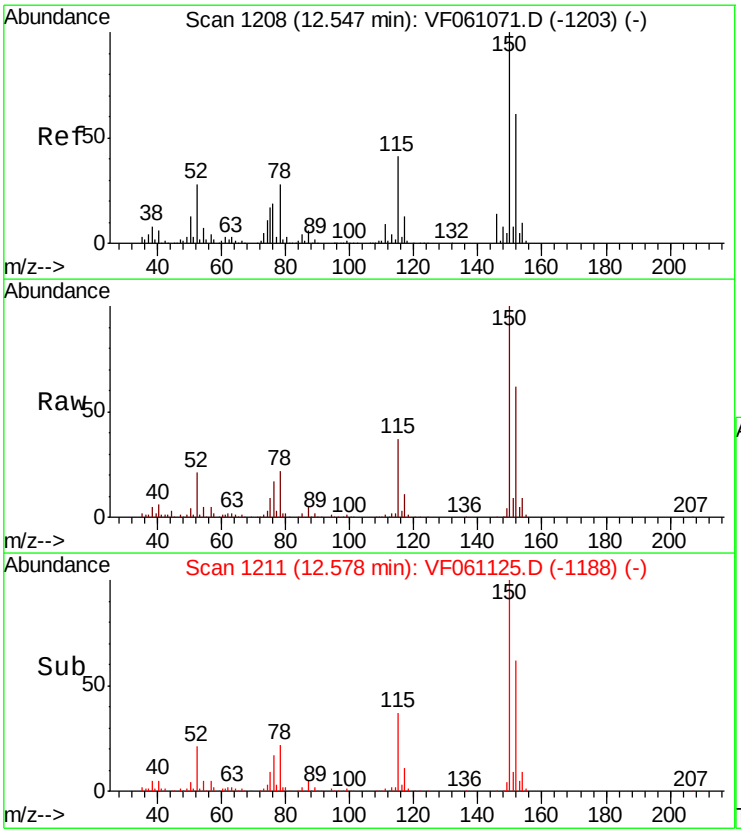
#69
o-Xylene
Concen: 2.050 ug/l
RT: 10.74 min Scan# 1025
Delta R.T. 0.03 min
Lab File: VF061125.D
Acq: 21 Dec 2018 14:48

Instrument :
MSVOA_F
ClientSampleId :
EO-01-121818-BRE

Tgt Ion:106 Resp: 1331

Ion	Ratio	Lower	Upper
106	100		
91	239.5	115.9	347.7

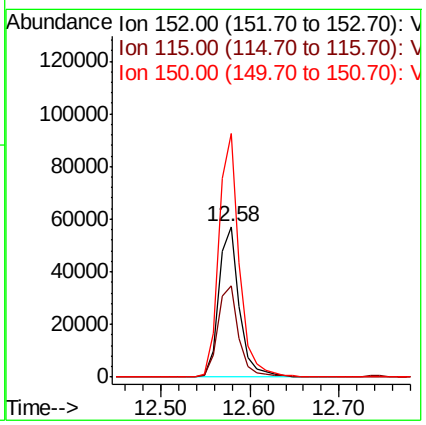


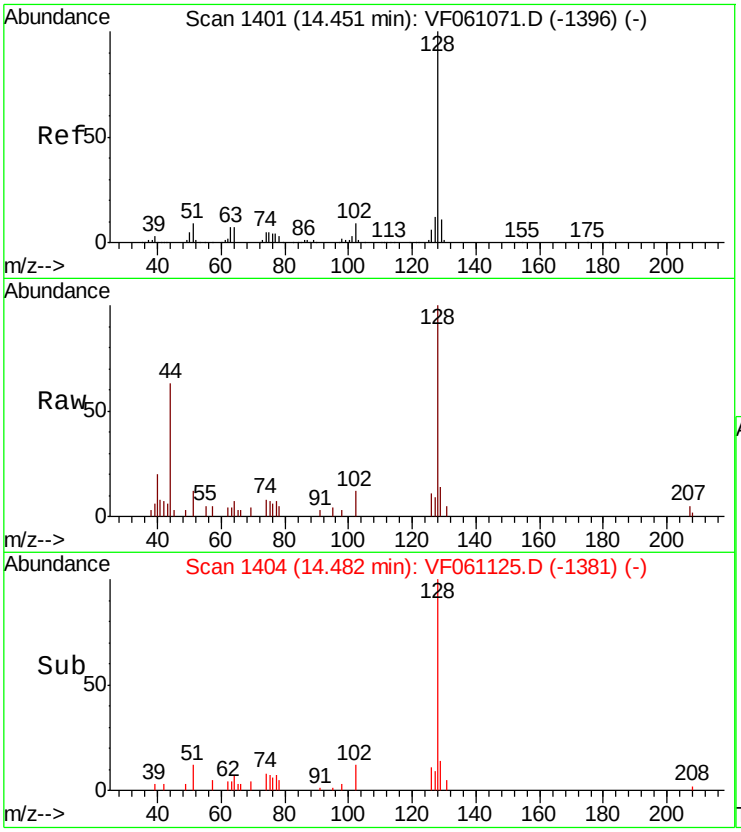


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.58 min Scan# 1211
Delta R.T. 0.03 min
Lab File: VF061125.D
Acq: 21 Dec 2018 14:48

Tgt Ion:152 Resp: 93009

Ion	Ratio	Lower	Upper
152	100		
115	60.6	33.3	99.9
150	161.8	0.0	328.2





#95
Naphthalene
Concen: 1.639 ug/l
RT: 14.48 min Scan# 1404
Delta R.T. 0.03 min
Lab File: VF061125.D
Acq: 21 Dec 2018 14:48

Instrument :
MSVOA_F
ClientSampleId :
EO-01-121818-BRE

Tgt Ion:128 Resp: 6545

Ion	Ratio	Lower	Upper
128	100		
127	9.3	9.4	14.2#
129	13.5	8.8	13.2#