Quantitation Report (Not 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 16:02:40 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
11) Tert butyl alcohol	2.60	59	164	1.618	ug/l #	1
13) Acrolein	2.10	56	724	9.886	ug/l	84
15) Acrylonitrile	2.97	53	559	2.385	ug/l #	32
16) Acetone	2.27	43	19235	38.313	ug/l	98
18) Methyl Acetate	2.37	43	5125	4.934	ug/l #	93
20) Methylene Chloride	2.29	84	3220	Below Cal	#	68
25) 2-Butanone	4.38	43	7449	9.148	ug/l	97
29) Tetrahydrofuran	4.07	42	958	2.891	ug/l #	43
49) 1,4-Dioxane	6.39	88	65	10.678	ug/l #	1
51) 4-Methyl-2-Pentanone	8.30	43	2065	2.506	ug/l #	61
52) Toluene	7.66	92	7093	2.002	ug/l	96
59) 2-Hexanone	9.54	43	2110	3.540	ug/l	66
65) Chlorobenzene	9.84	112	994	1.088	ug/l #	83
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
70) Styrene	10.81	104	187	Below Cal	#	30
87) 1,3-Dichlorobenzene	12.51	146	246	Below Cal	#	25
95) Naphthalene	14.48	128	6545	1.639	ug/l #	93

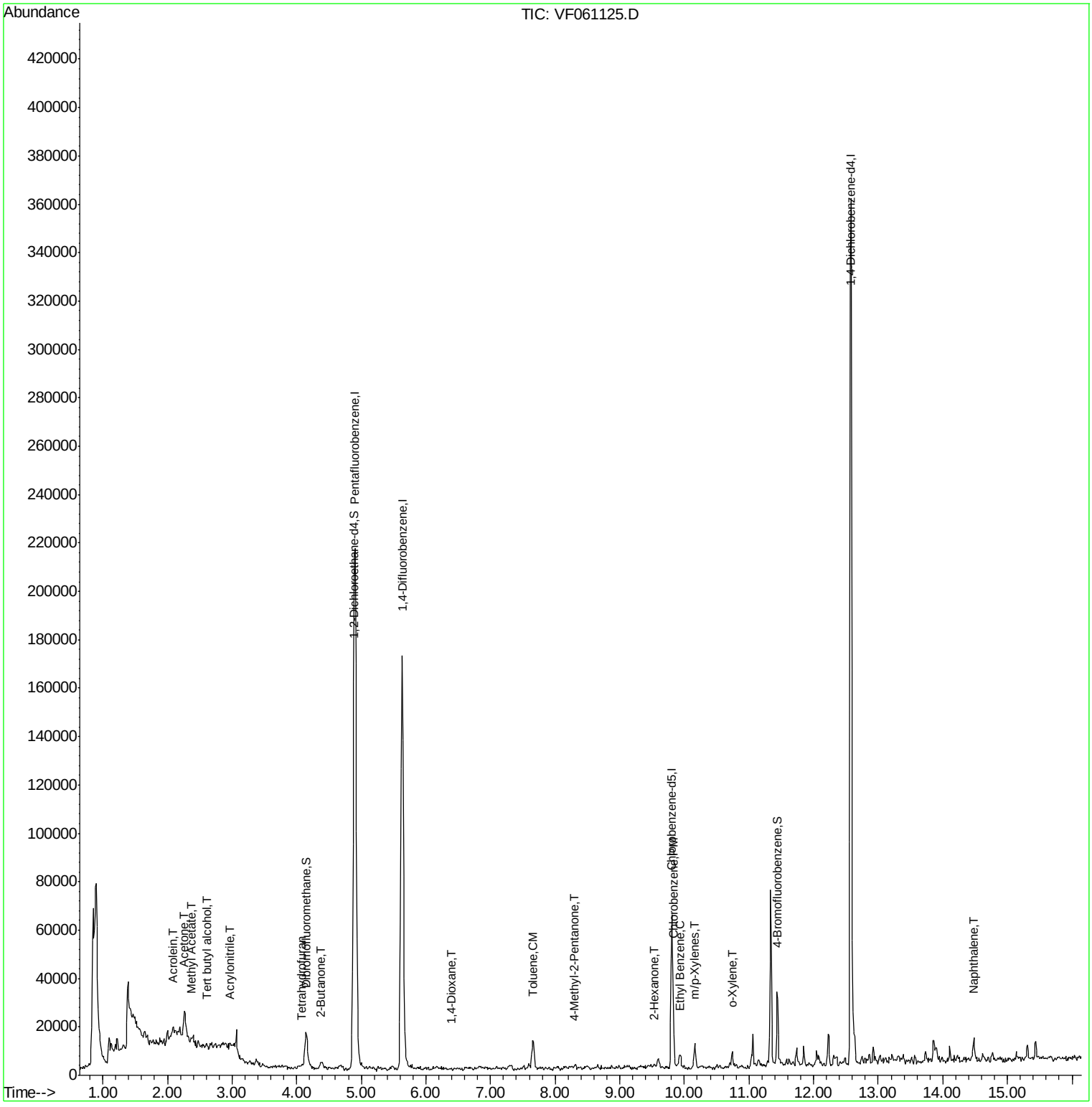
(#) = qualifier out of range (m) = manual integration (+) = signals summed

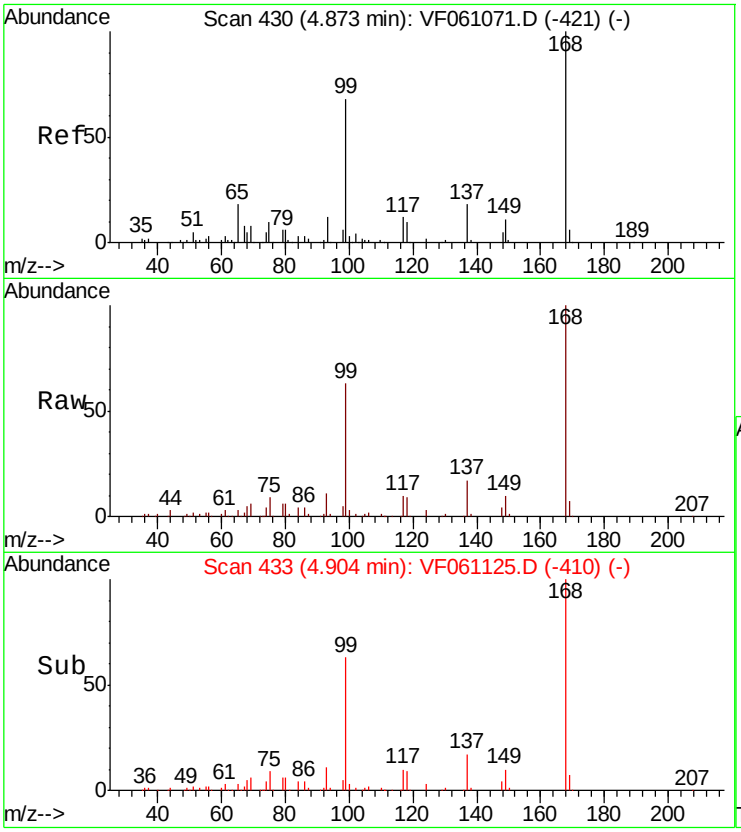
Quantitation Report (Not Reviewed)

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 16:02:40 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



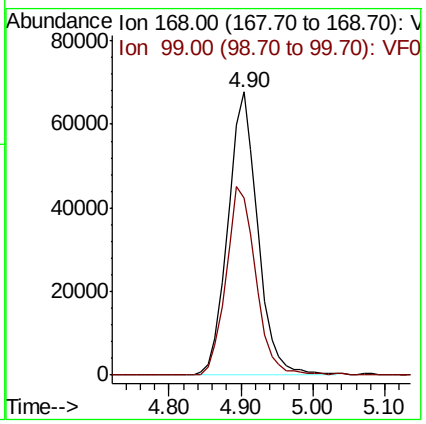


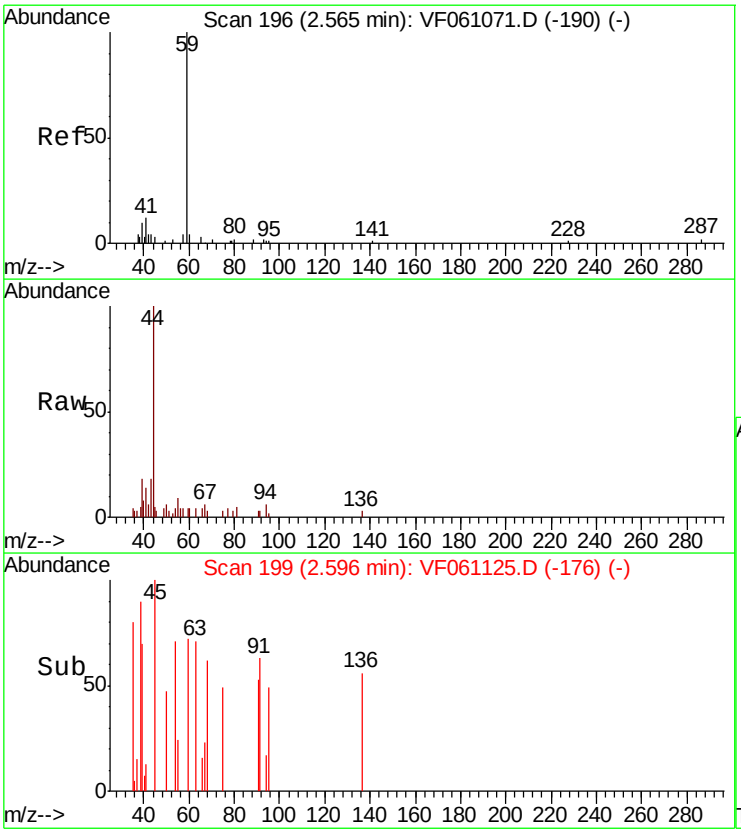
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 4.90 min Scan# 433
Delta R.T. 0.03 min
Lab File: VF061125.D
Acq: 21 Dec 2018 14:48

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

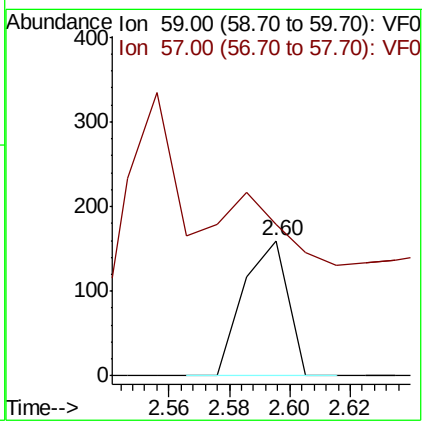


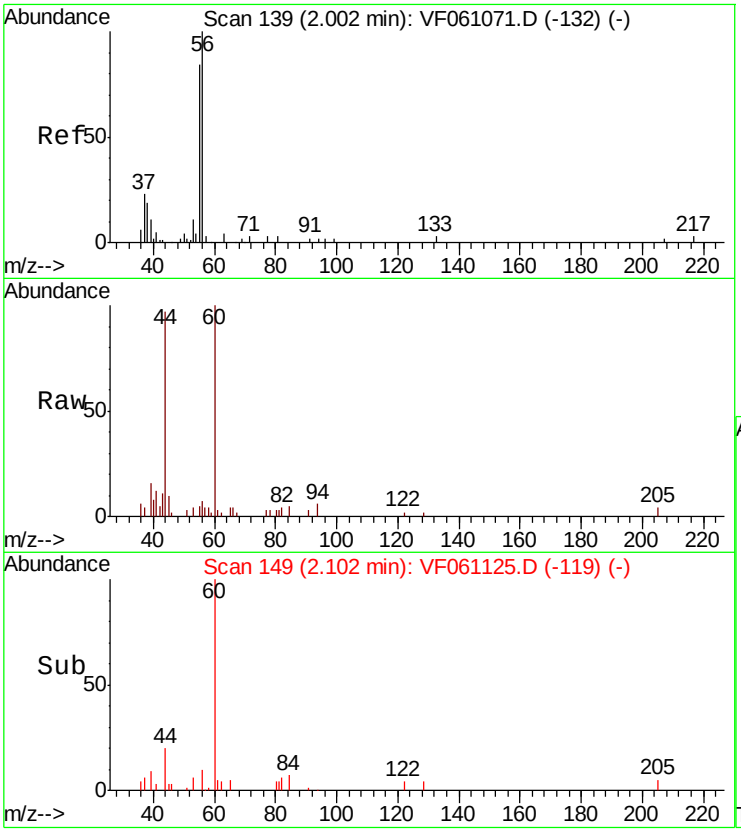


#11
Tert butyl alcohol
Concen: 1.618 ug/l
RT: 2.60 min Scan# 199
Delta R.T. 0.03 min
Lab File: VF061125.D
Acq: 21 Dec 2018 14:48

Tgt Ion: 59 Resp: 164

Ion	Ratio	Lower	Upper
59	100		
57	111.9	11.5	17.3#



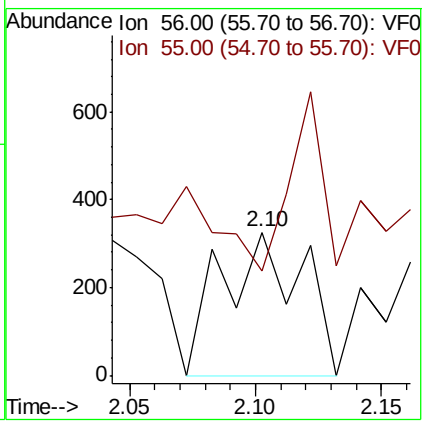


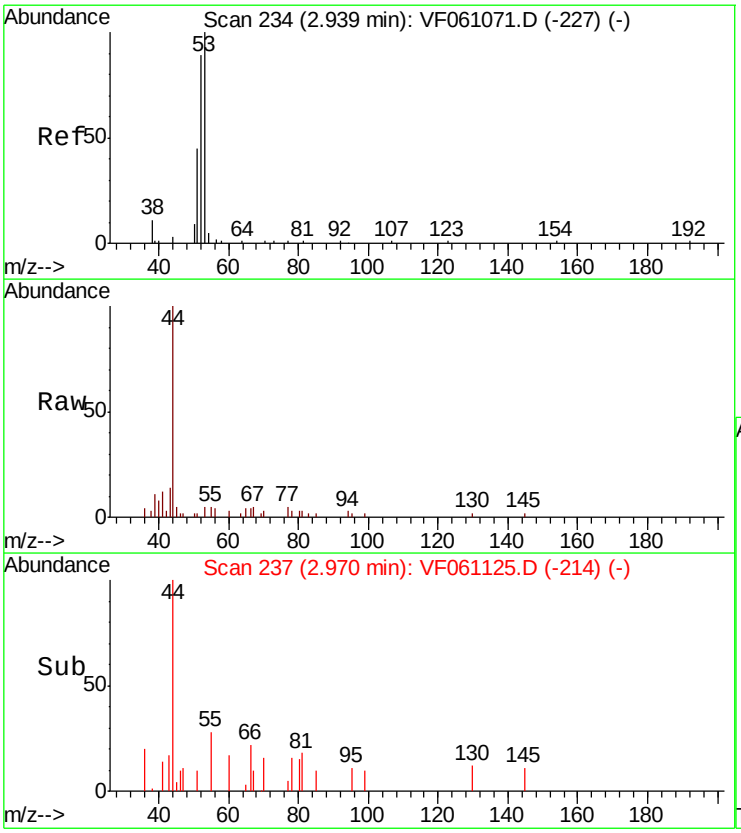
#13
Acrolein
Concen: 9.886 ug/l
RT: 2.10 min Scan# 149
Delta R.T. 0.10 min
Lab File: VF061125.D
Acq: 21 Dec 2018 14:48

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

Tgt Ion: 56 Resp: 724

Ion	Ratio	Lower	Upper
56	100		
55	72.7	70.2	105.2

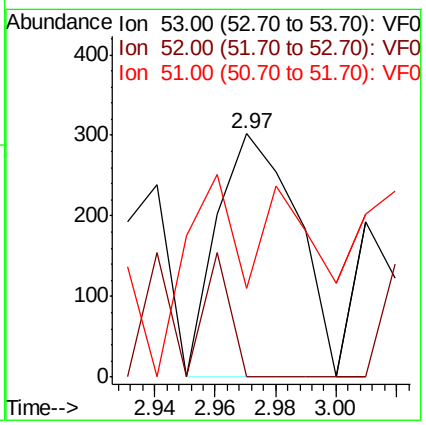


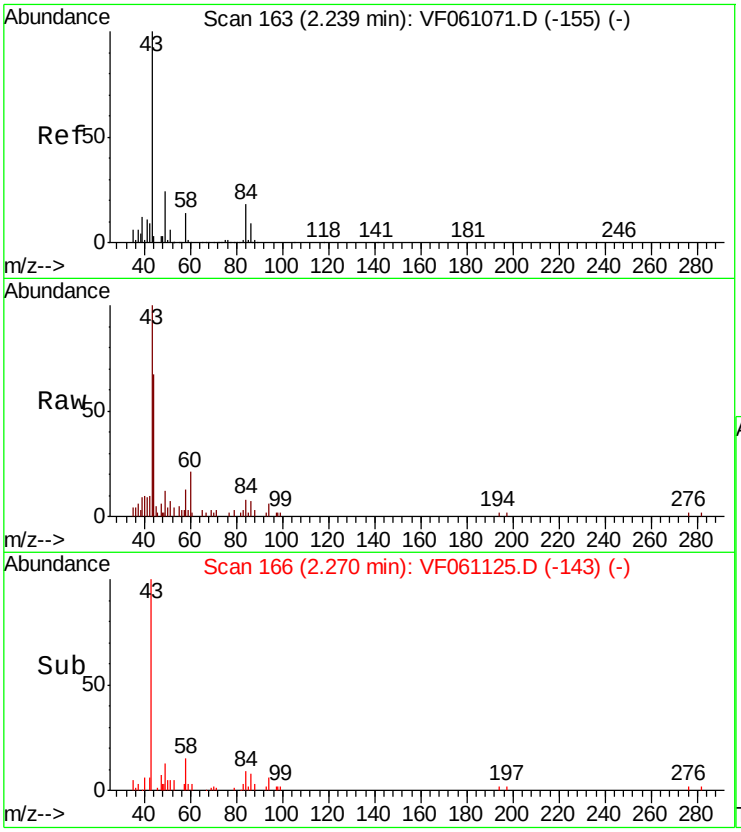


#15
Acrylonitrile
Concen: 2.385 ug/l
RT: 2.97 min Scan# 237
Delta R.T. 0.03 min
Lab File: VF061125.D
Acq: 21 Dec 2018 14:48

Tgt Ion: 53 Resp: 559

Ion	Ratio	Lower	Upper
53	100		
52	0.0	71.3	106.9#
51	36.4	36.8	55.2#



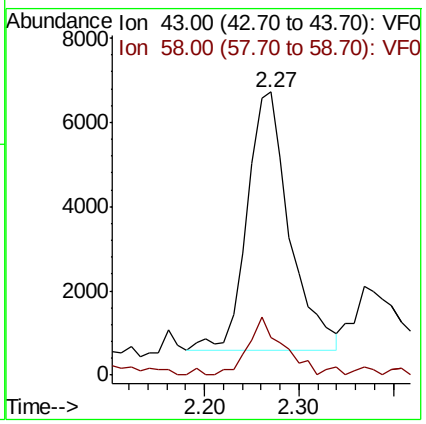


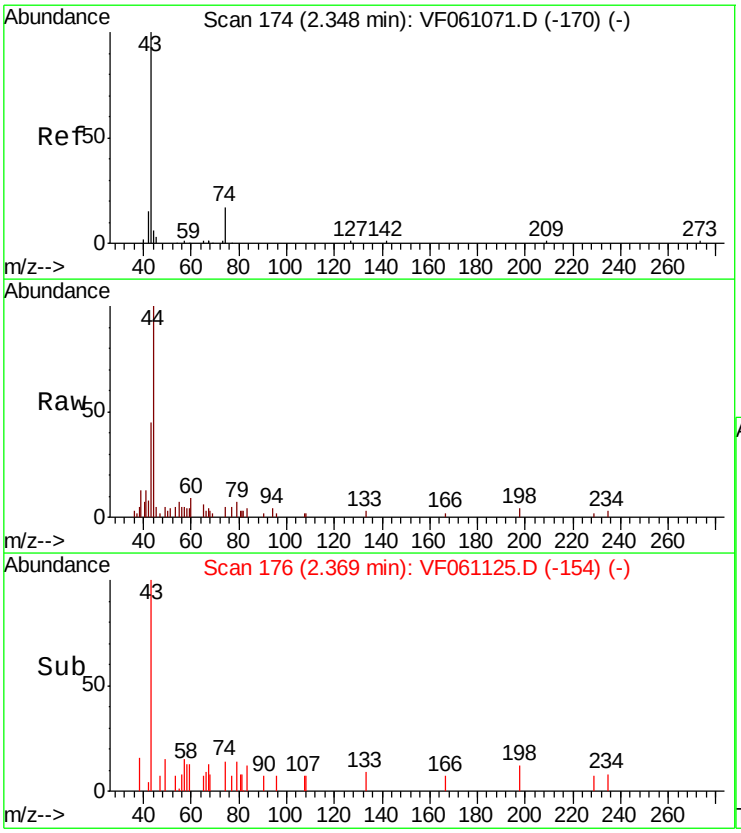
#16
Acetone
Concen: 38.313 ug/l
RT: 2.27 min Scan# 166
Delta R.T. 0.03 min
Lab File: VF061125.D
Acq: 21 Dec 2018 14:48

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

Tgt Ion: 43 Resp: 19235

Ion	Ratio	Lower	Upper
43	100		
58	13.2	11.1	16.7

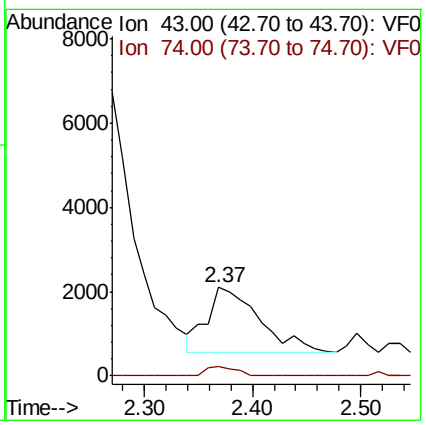


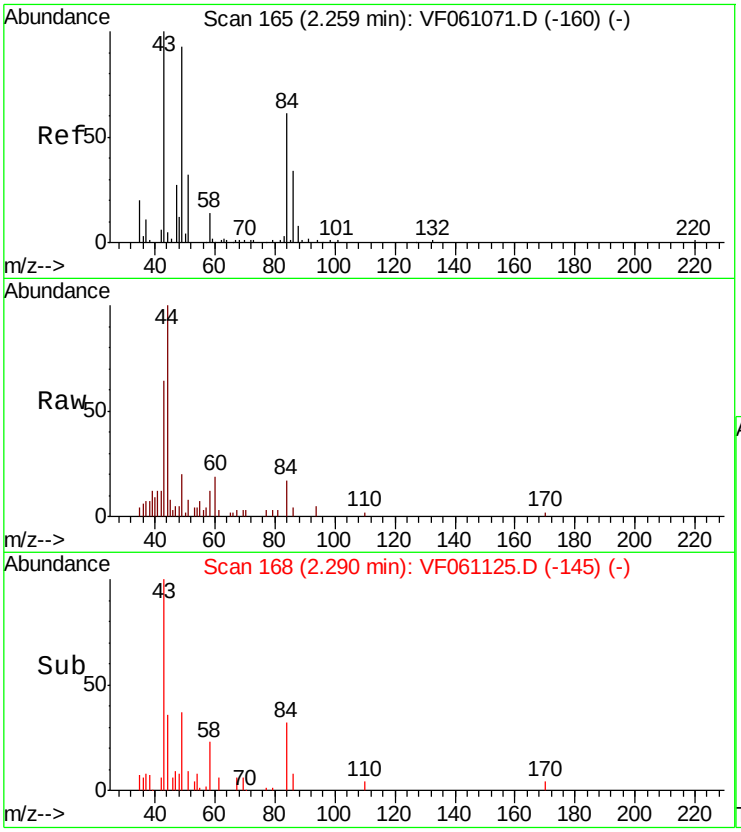


#18
Methyl Acetate
Concen: 4.934 ug/l
RT: 2.37 min Scan# 176
Delta R.T. 0.02 min
Lab File: VF061125.D
Acq: 21 Dec 2018 14:48

Tgt Ion: 43 Resp: 5125

Ion	Ratio	Lower	Upper
43	100		
74	10.8	11.0	16.6#



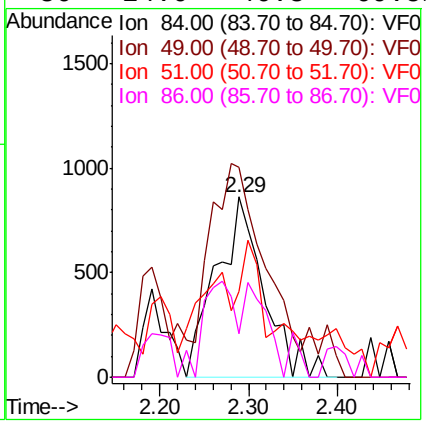


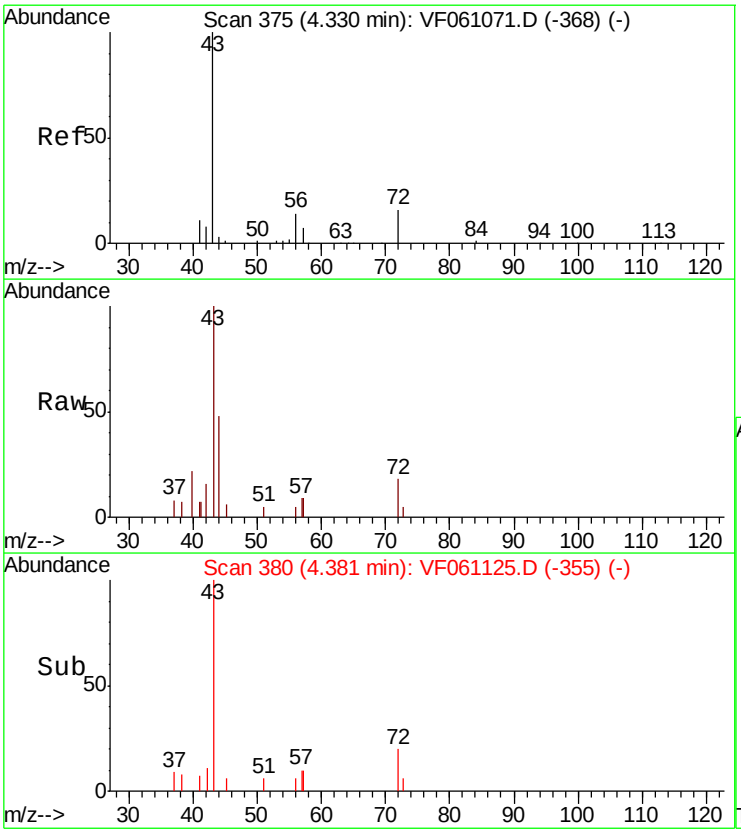
#20
Methylene Chloride
Concen: Below Cal
RT: 2.29 min Scan# 168
Delta R.T. 0.03 min
Lab File: VF061125.D
Acq: 21 Dec 2018 14:48

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

Tgt Ion: 84 Resp: 3220

Ion	Ratio	Lower	Upper
84	100		
49	116.9	129.4	194.2#
51	47.8	44.0	66.0
86	24.0	46.3	69.5#

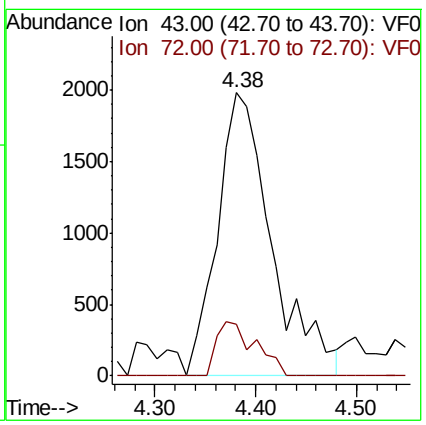


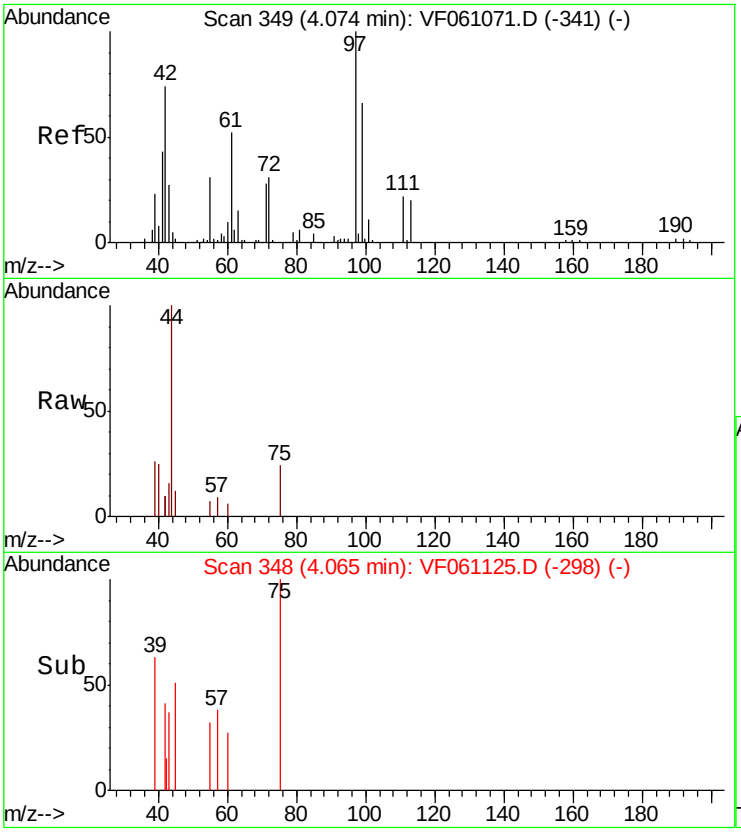


#25
2-Butanone
Concen: 9.148 ug/l
RT: 4.38 min Scan# 380
Delta R.T. 0.05 min
Lab File: VF061125.D
Acq: 21 Dec 2018 14:48

Tgt Ion: 43 Resp: 7449

Ion	Ratio	Lower	Upper
43	100		
72	18.2	15.6	23.4



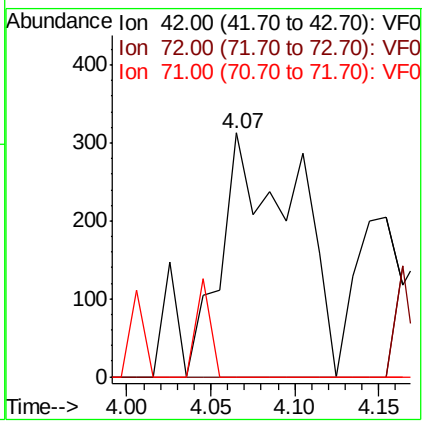


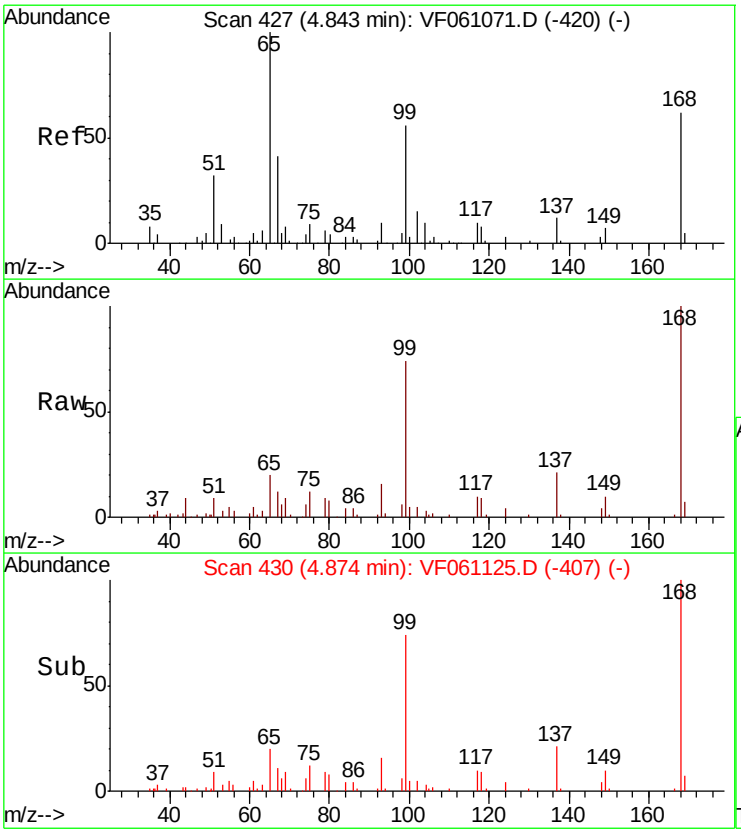
#29
Tetrahydrofuran
Concen: 2.891 ug/l
RT: 4.07 min Scan# 348
Delta R.T. -0.01 min
Lab File: VF061125.D
Acq: 21 Dec 2018 14:48

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

Tgt Ion: 42 Resp: 958

Ion	Ratio	Lower	Upper
42	100		
72	0.0	31.8	47.8#
71	7.7	29.7	44.5#

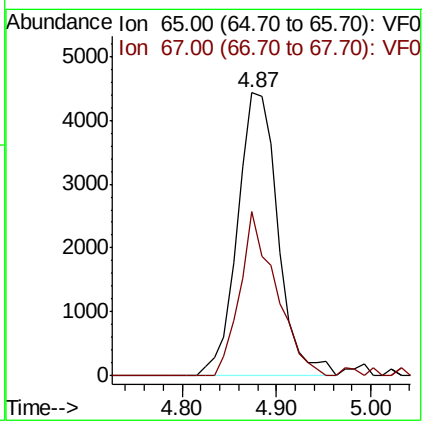


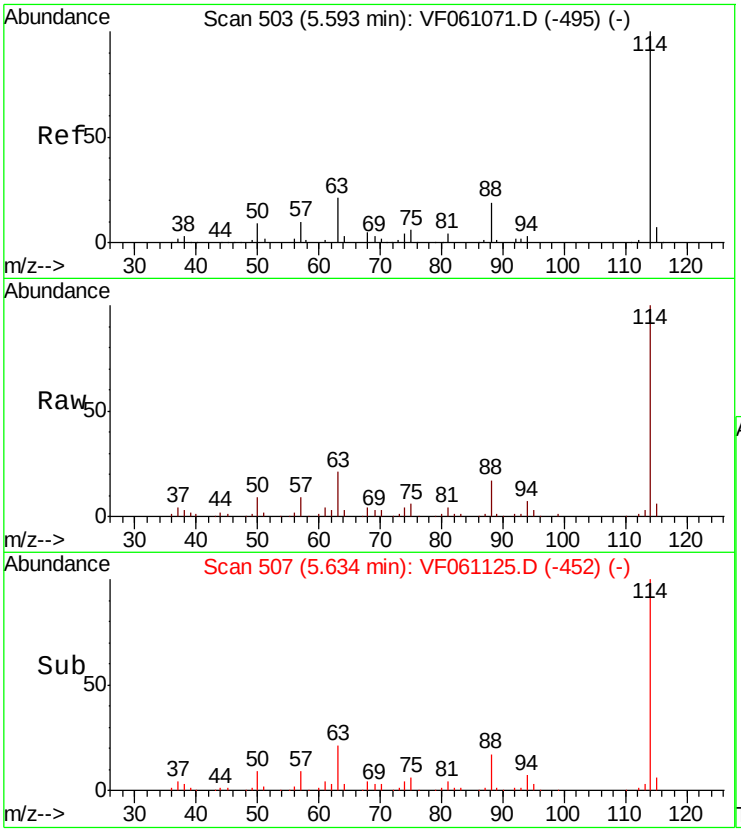


#33
1,2-Dichloroethane-d4
Concen: 5.260 ug/l
RT: 4.87 min Scan# 430
Delta R.T. 0.03 min
Lab File: VF061125.D
Acq: 21 Dec 2018 14:48

Tgt Ion: 65 Resp: 13209

Ion	Ratio	Lower	Upper
65	100		
67	58.1	0.0	94.6



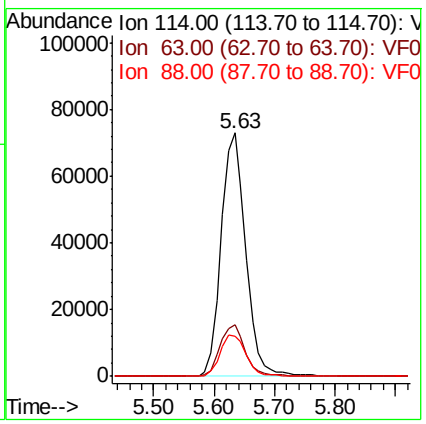


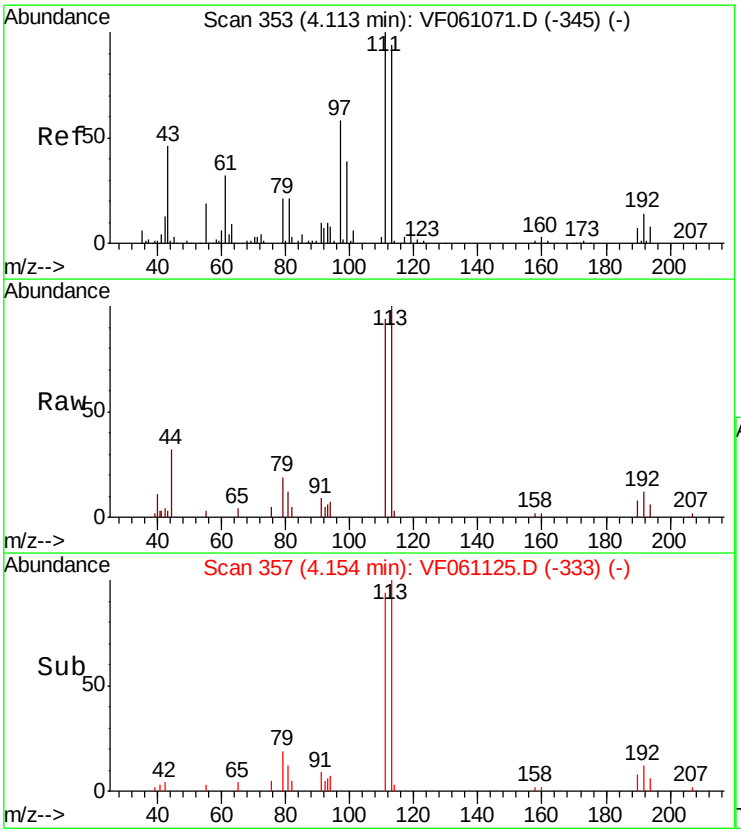
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.63 min Scan# 507
Delta R.T. 0.04 min
Lab File: VF061125.D
Acq: 21 Dec 2018 14:48

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

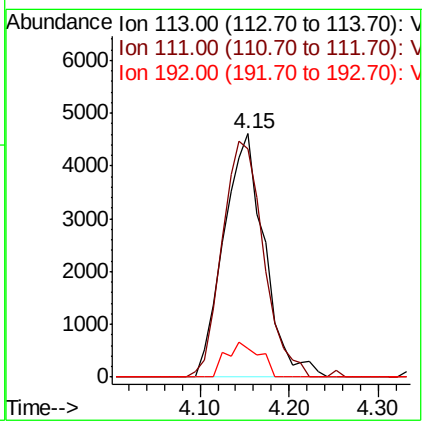


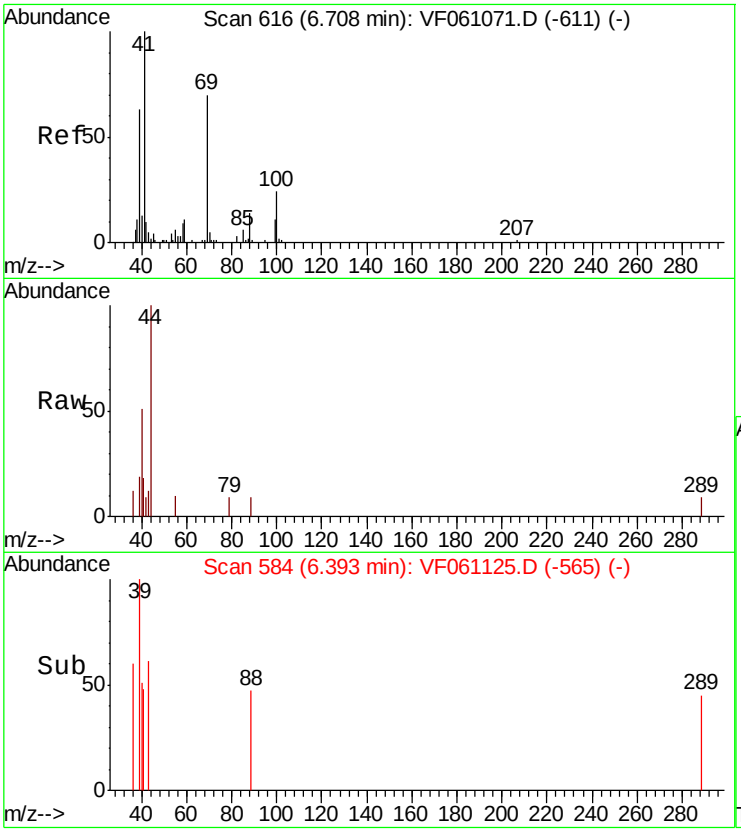


#35
Dibromofluoromethane
Concen: 8.945 ug/l
RT: 4.15 min Scan# 357
Delta R.T. 0.04 min
Lab File: VF061125.D
Acq: 21 Dec 2018 14:48

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#



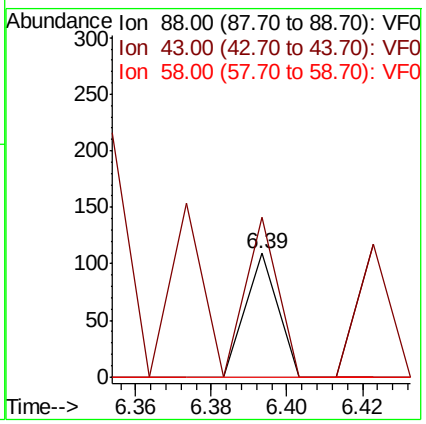


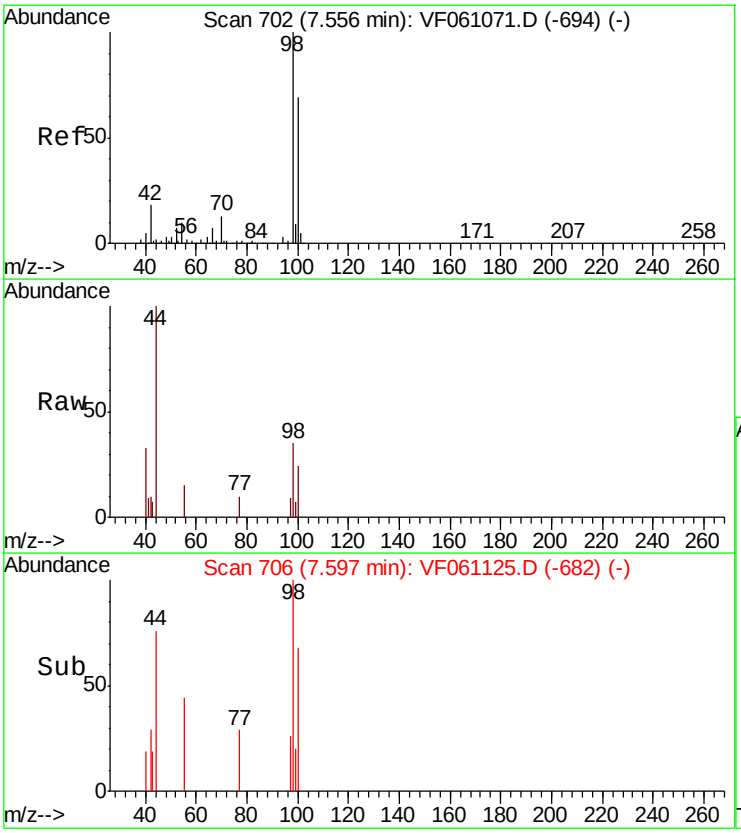
#49
1,4-Dioxane
Concen: 10.678 ug/l
RT: 6.39 min Scan# 584
Delta R.T. -0.31 min
Lab File: VF061125.D
Acq: 21 Dec 2018 14:48

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

Tgt Ion: 88 Resp: 65

Ion	Ratio	Lower	Upper
88	100		
43	129.4	33.3	49.9#
58	0.0	53.2	79.8#

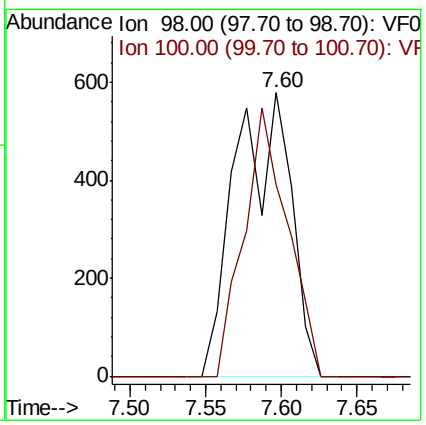


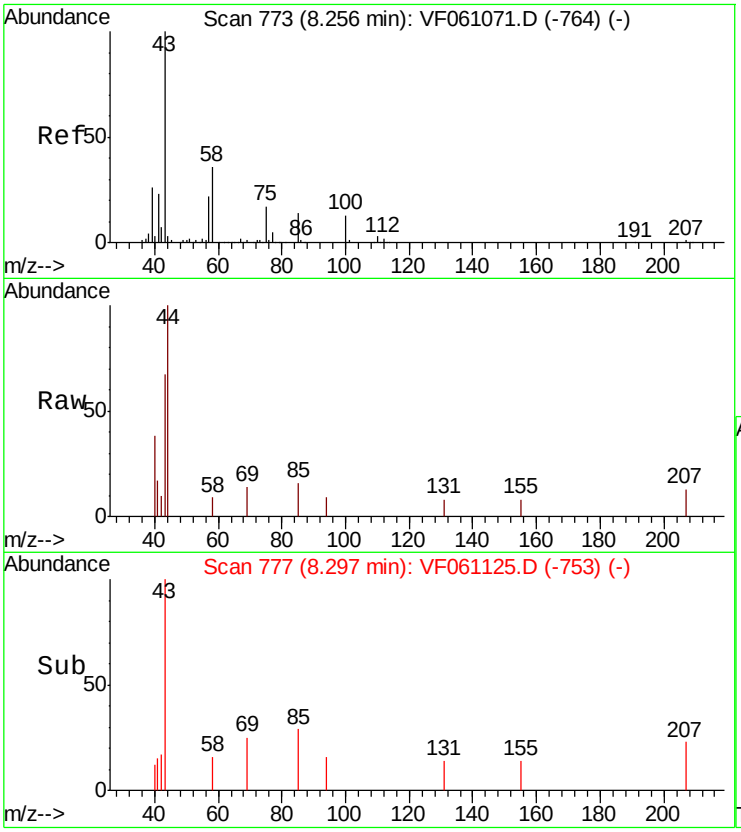


#50
Toluene-d8
Concen: 0.315 ug/l
RT: 7.60 min Scan# 706
Delta R.T. 0.04 min
Lab File: VF061125.D
Acq: 21 Dec 2018 14:48

Tgt Ion: 98 Resp: 1474

Ion	Ratio	Lower	Upper
98	100		
100	67.8	55.3	82.9



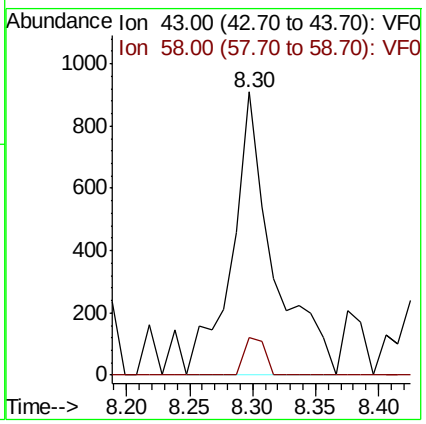


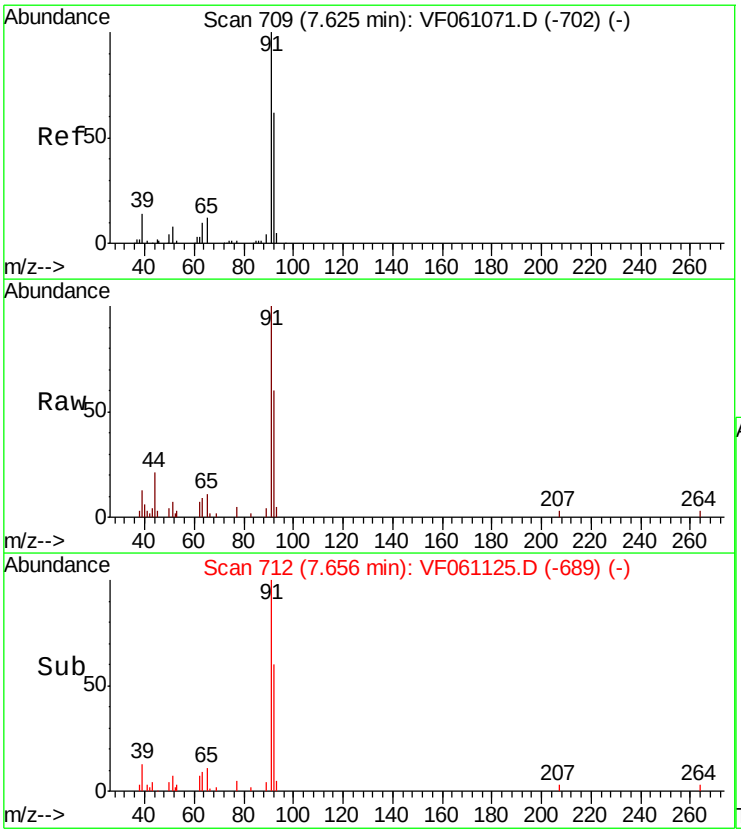
#51
4-Methyl-2-Pentanone
Concen: 2.506 ug/l
RT: 8.30 min Scan# 777
Delta R.T. 0.04 min
Lab File: VF061125.D
Acq: 21 Dec 2018 14:48

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

Tgt Ion: 43 Resp: 2065

Ion	Ratio	Lower	Upper
43	100		
58	13.5	29.1	43.7#

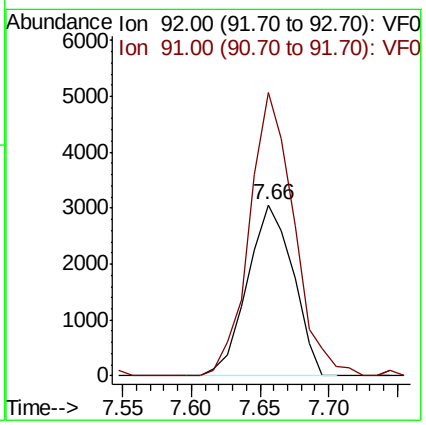


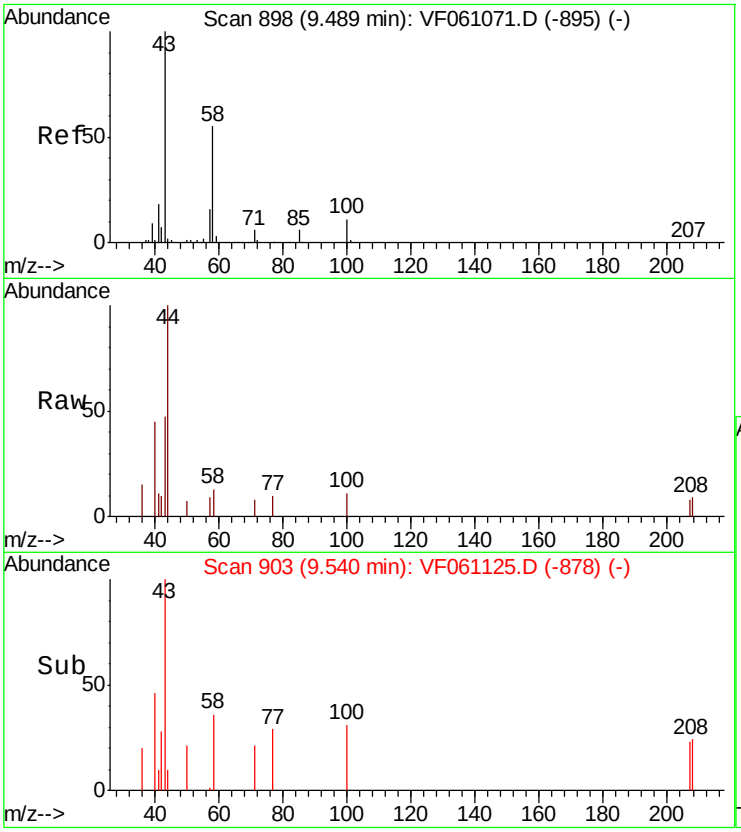


#52
Toluene
Concen: 2.002 ug/l
RT: 7.66 min Scan# 712
Delta R.T. 0.03 min
Lab File: VF061125.D
Acq: 21 Dec 2018 14:48

Tgt Ion: 92 Resp: 7093

Ion	Ratio	Lower	Upper
92	100		
91	165.7	128.8	193.2



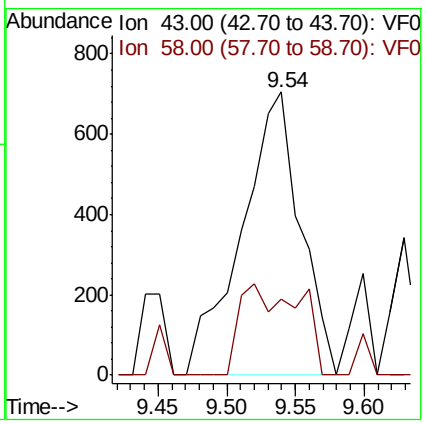


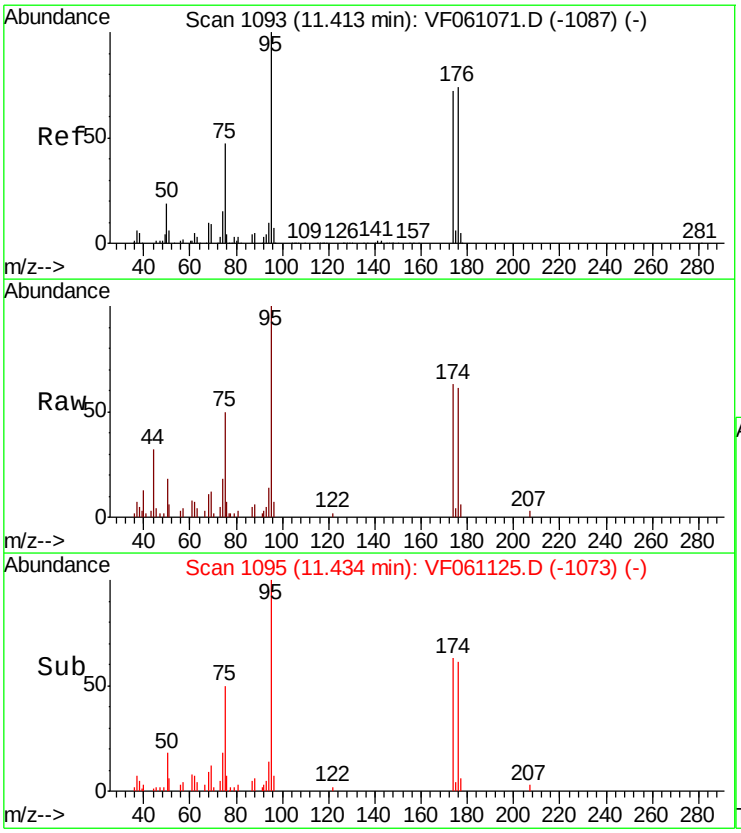
#59
2-Hexanone
Concen: 3.540 ug/l
RT: 9.54 min Scan# 903
Delta R.T. 0.05 min
Lab File: VF061125.D
Acq: 21 Dec 2018 14:48

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

Tgt Ion: 43 Resp: 2110

Ion	Ratio	Lower	Upper
43	100		
58	26.7	25.1	75.2

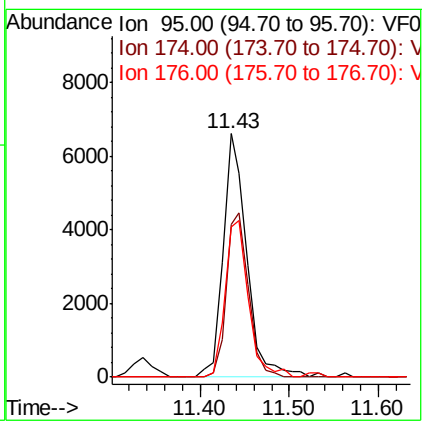


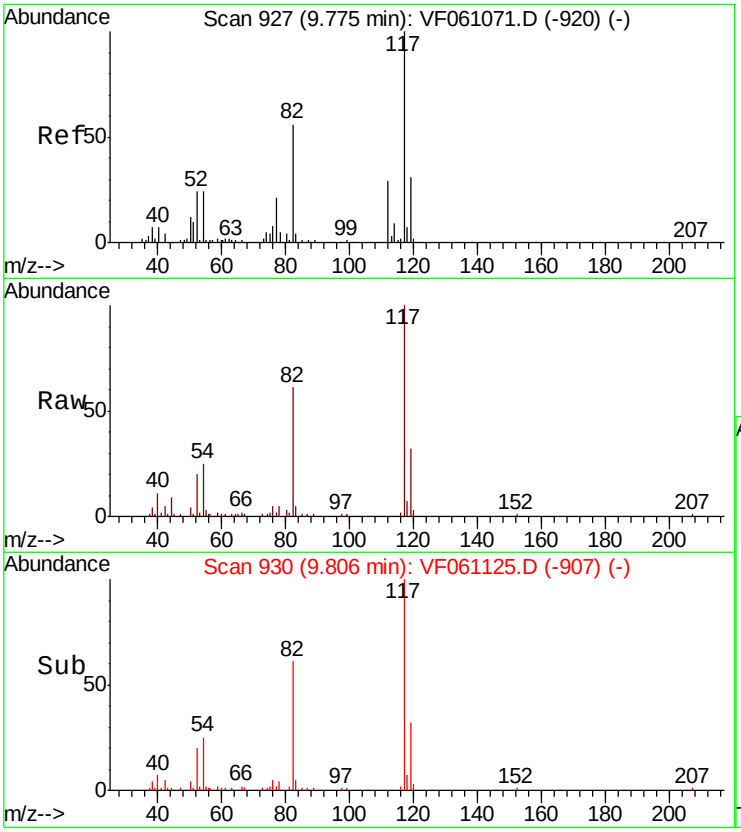


#62
4-Bromofluorobenzene
Concen: 5.744 ug/l
RT: 11.43 min Scan# 1095
Delta R.T. 0.02 min
Lab File: VF061125.D
Acq: 21 Dec 2018 14:48

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



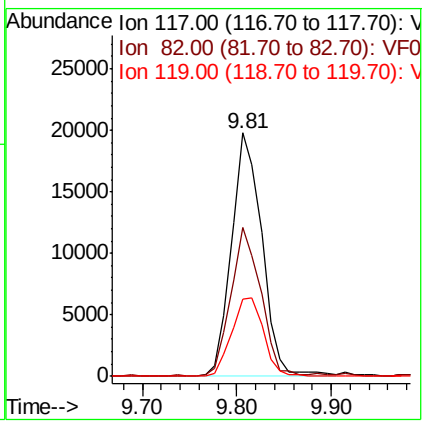


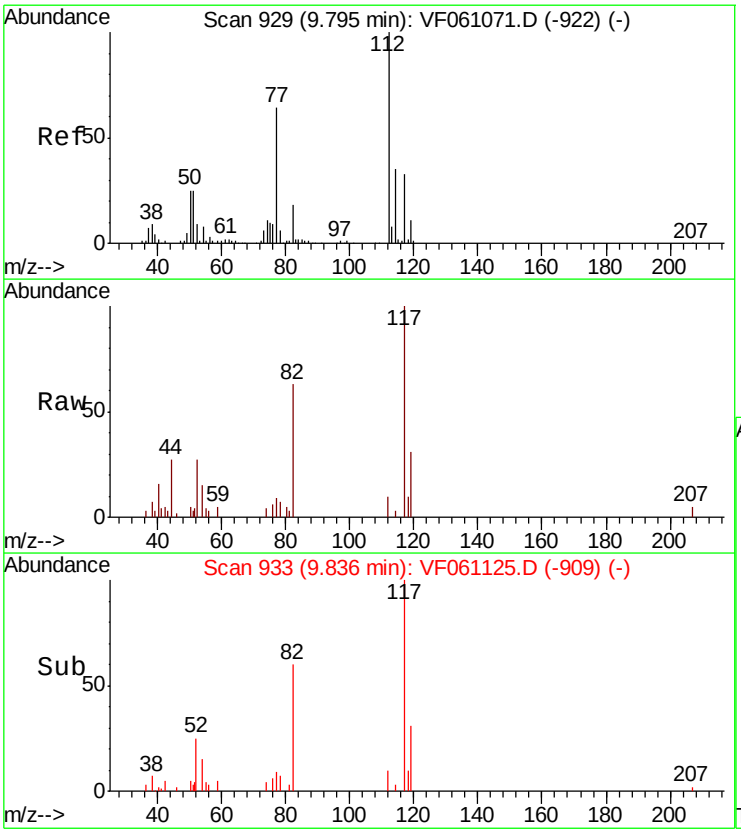
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.81 min Scan# 930
Delta R.T. 0.03 min
Lab File: VF061125.D
Acq: 21 Dec 2018 14:48

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

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

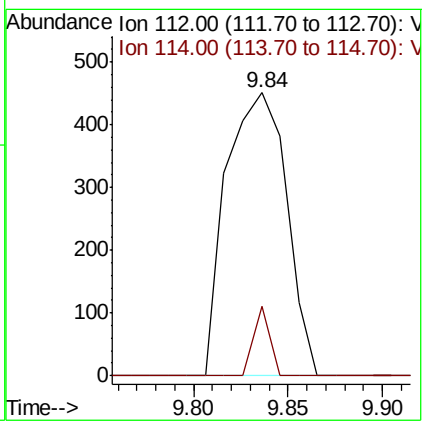


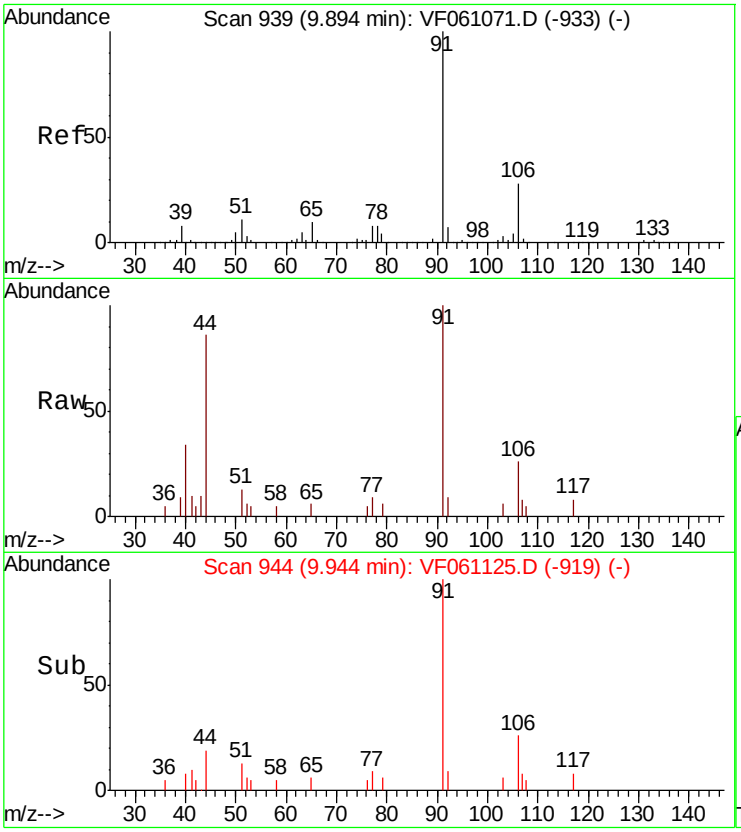


#65
Chlorobenzene
Concen: 1.088 ug/l
RT: 9.84 min Scan# 933
Delta R.T. 0.04 min
Lab File: VF061125.D
Acq: 21 Dec 2018 14:48

Tgt Ion:112 Resp: 994

Ion	Ratio	Lower	Upper
112	100		
114	24.6	27.8	41.6#



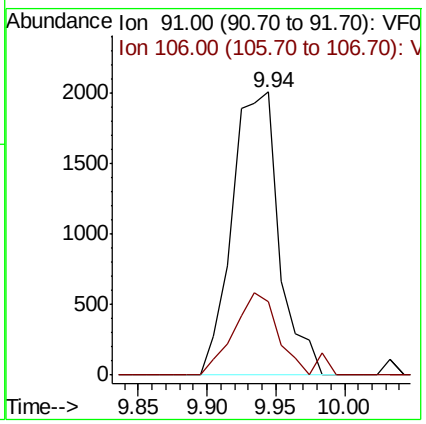


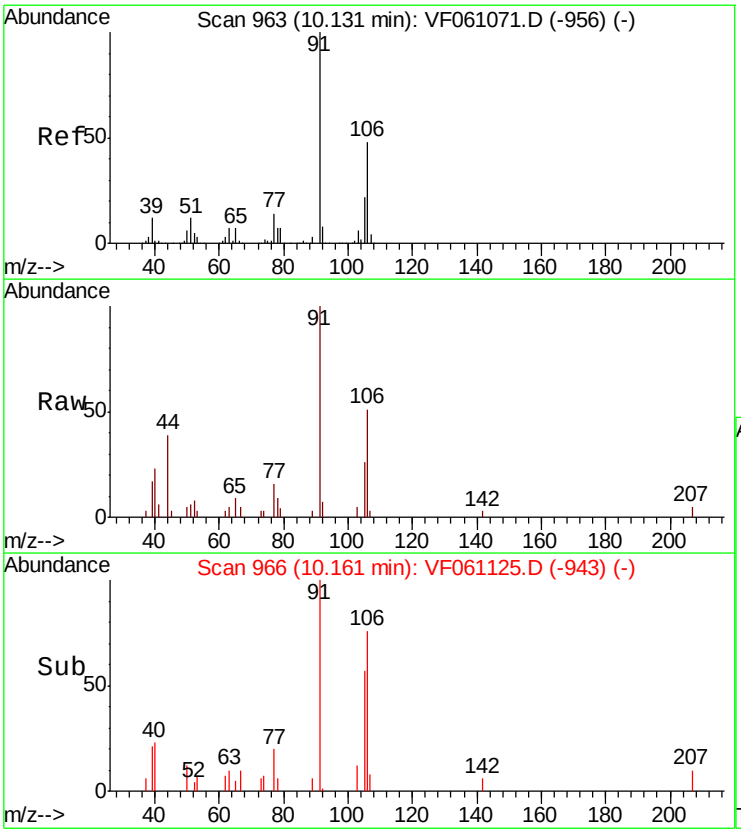
#67
Ethyl Benzene
Concen: 2.872 ug/l
RT: 9.94 min Scan# 944
Delta R.T. 0.05 min
Lab File: VF061125.D
Acq: 21 Dec 2018 14:48

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

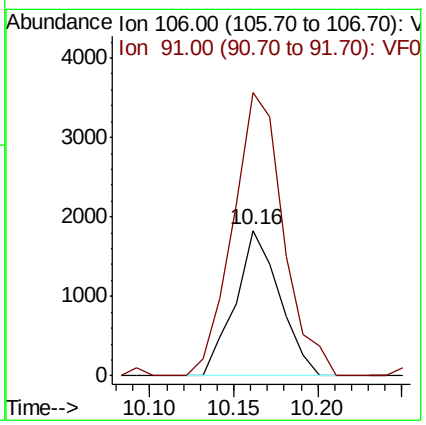


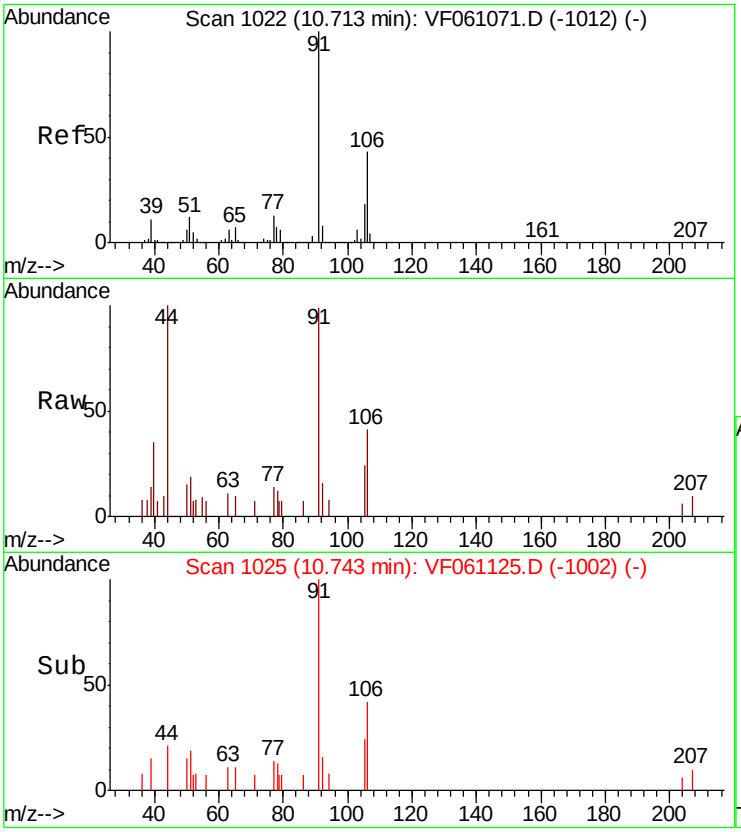


#68
m/p-Xylenes
Concen: 5.696 ug/l
RT: 10.16 min Scan# 966
Delta R.T. 0.03 min
Lab File: VF061125.D
Acq: 21 Dec 2018 14:48

Tgt Ion:106 Resp: 3335

Ion	Ratio	Lower	Upper
106	100		
91	194.5	168.2	252.2



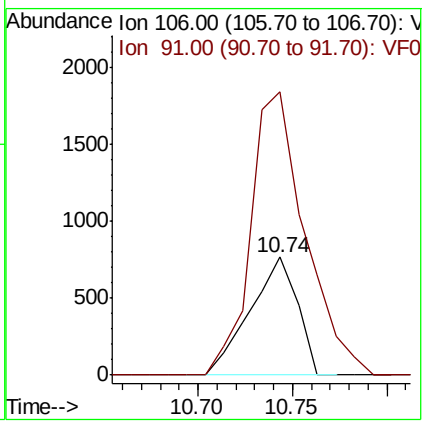


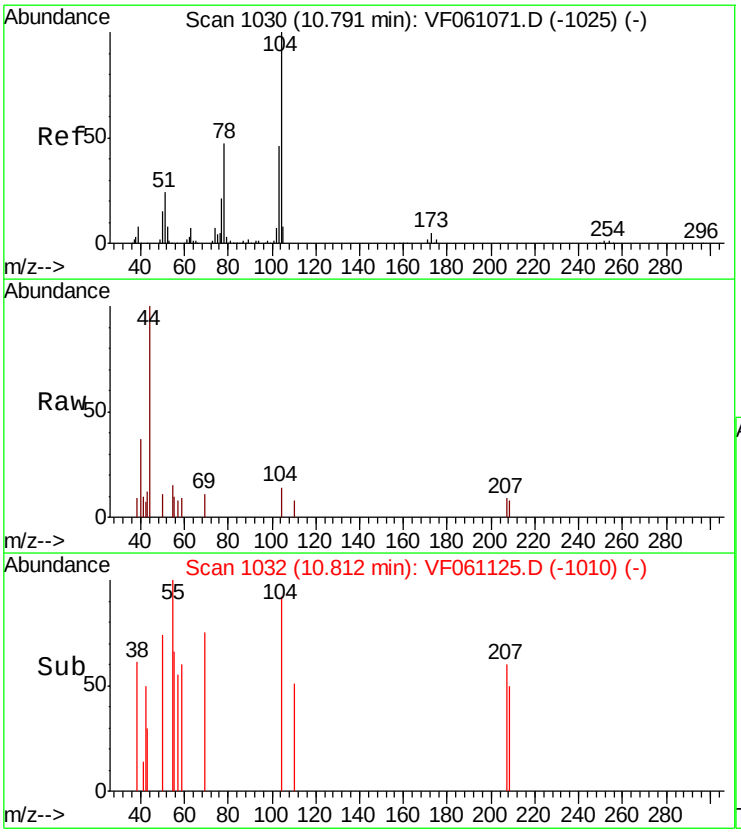
#69
o-Xylene
Concen: 2.050 ug/l
RT: 10.74 min Scan# 1025
Delta R.T. 0.03 min
Lab File: VF061125.D
Acq: 21 Dec 2018 14:48

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

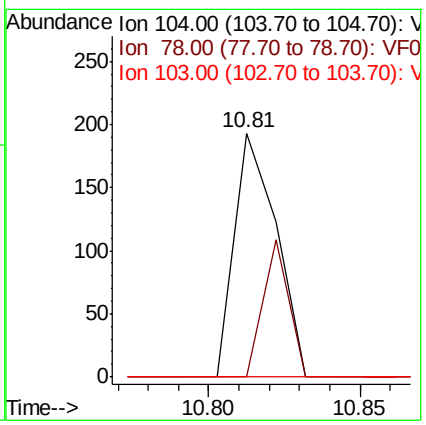


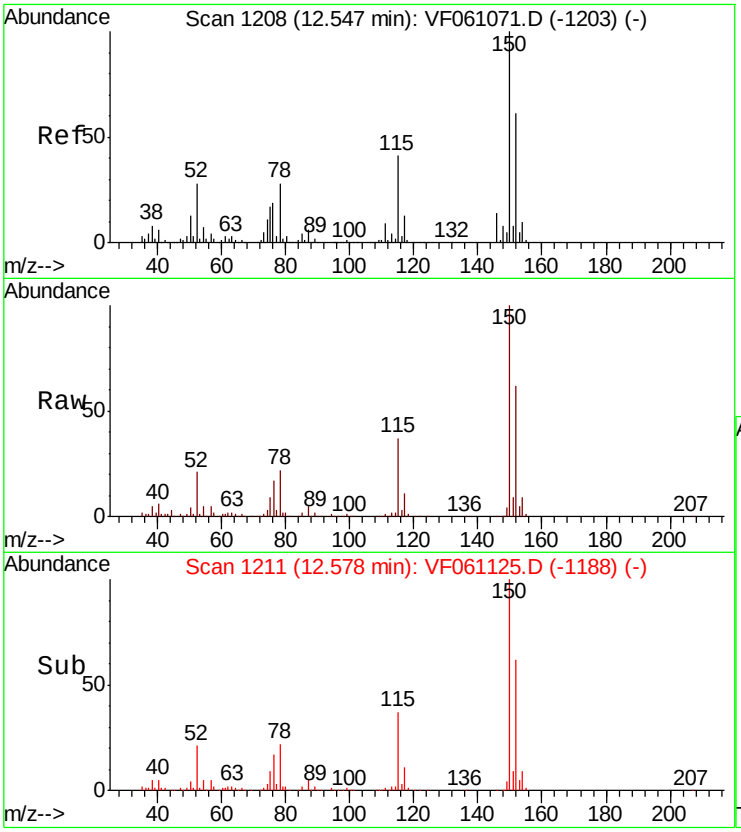


#70
Styrene
Concen: Below Cal
RT: 10.81 min Scan# 1032
Delta R.T. 0.02 min
Lab File: VF061125.D
Acq: 21 Dec 2018 14:48

Tgt Ion:104 Resp: 187

Ion	Ratio	Lower	Upper
104	100		
78	0.0	38.4	57.6#
103	0.0	37.0	55.6#



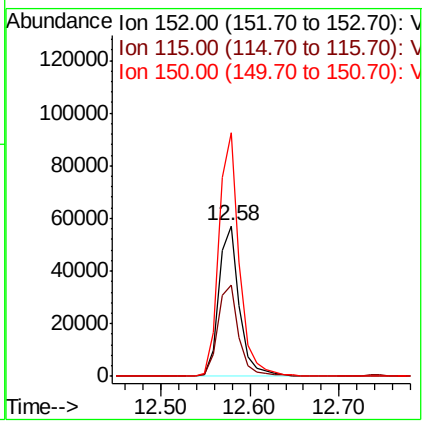


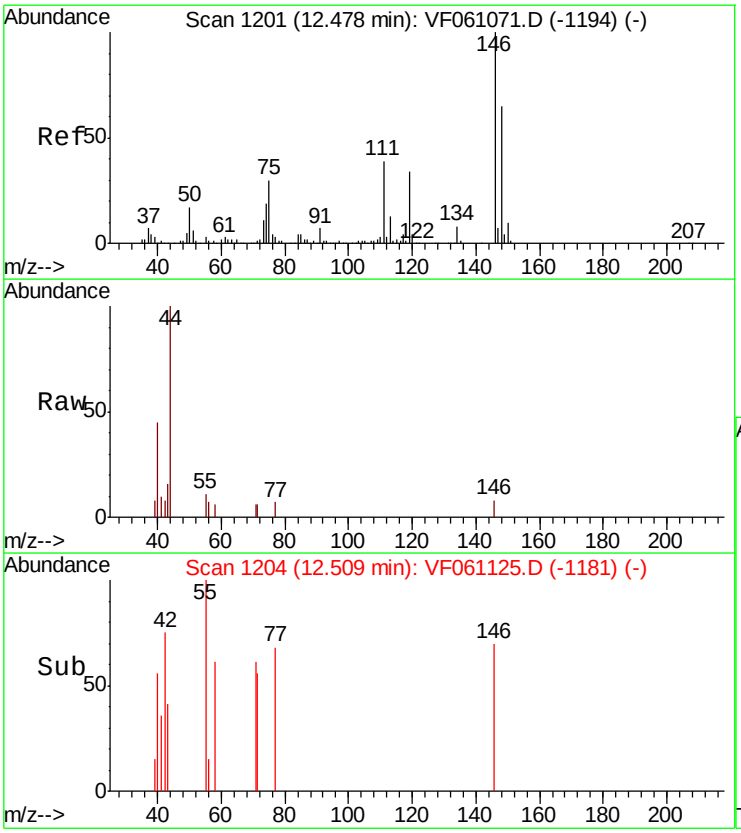
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.58 min Scan# 1211
Delta R.T. 0.03 min
Lab File: VF061125.D
Acq: 21 Dec 2018 14:48

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

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

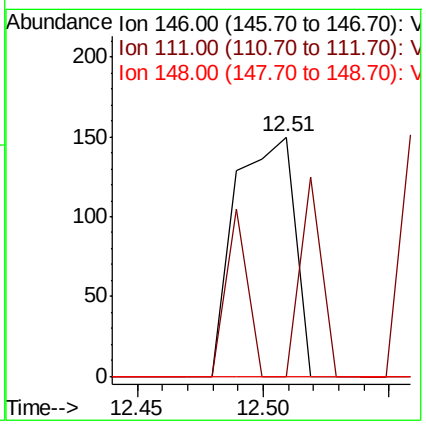


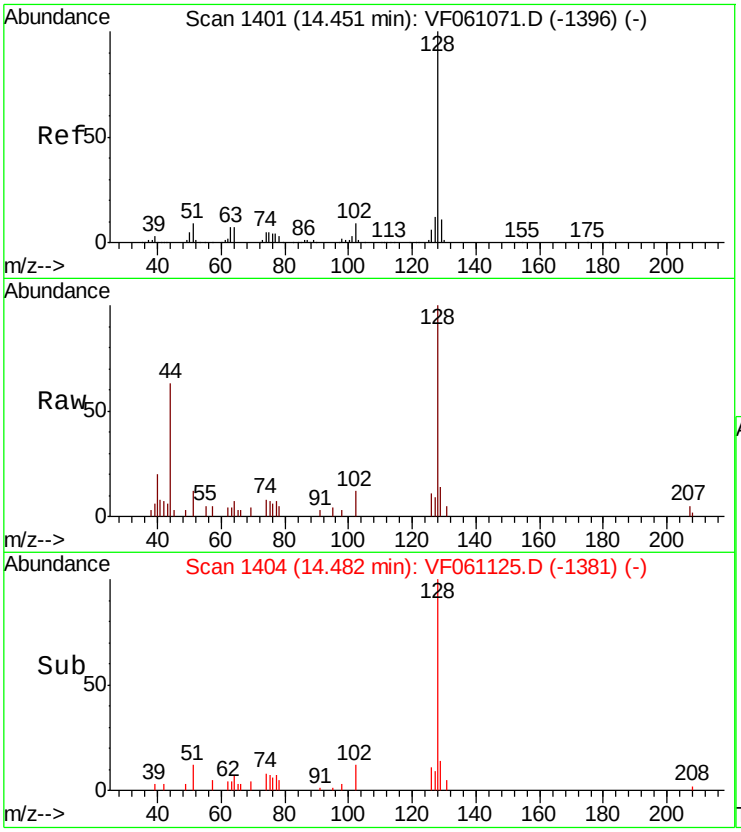


#87
1,3-Dichlorobenzene
Concen: Below Cal
RT: 12.51 min Scan# 1204
Delta R.T. 0.03 min
Lab File: VF061125.D
Acq: 21 Dec 2018 14:48

Tgt Ion:146 Resp: 246

Ion	Ratio	Lower	Upper
146	100		
111	0.0	19.3	57.9#
148	0.0	32.4	97.2#





#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#