Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF122218\
Data File : VF061153.D
Acq On : 22 Dec 2018 19:21
Operator : VA/AP
Sample : J6482-01RE
Misc : 5.04g/5mL/MSVOA-F/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId : R20-OSRE

Quant Time: Dec 24 03:41:46 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	4.89	168	144222	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	5.62	114	274887	50.00	ug/l	0.02
63) Chlorobenzene-d5	9.79	117	161132	50.00	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	12.56	152	41126	50.00	ug/l	0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.86	65	113946	61.43	ug/l	0.01
Spiked Amount 50.000			Recovery = 122.86%			
35) Dibromofluoromethane	4.13	113	118275	53.71	ug/l	0.01
Spiked Amount 50.000			Recovery = 107.42%			
50) Toluene-d8	7.57	98	201175	32.24	ug/l	0.01
Spiked Amount 50.000			Recovery = 64.48%			
62) 4-Bromofluorobenzene	11.42	95	58922	20.48	ug/l	0.00
Spiked Amount 50.000			Recovery = 40.96%			
Target Compounds						Qvalue
16) Acetone	2.24	43	13944	37.603	ug/l #	91
18) Methyl Acetate	2.35	43	11103	14.472	ug/l #	89
68) m/p-Xylenes	10.15	106	4731	2.217	ug/l	80
69) o-Xylene	10.73	106	3089	1.305	ug/l	70
84) 1,2,4-Trimethylbenzene	12.22	105	3131	1.076	ug/l	93
95) Naphthalene	14.47	128	3309	1.873	ug/l #	88

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

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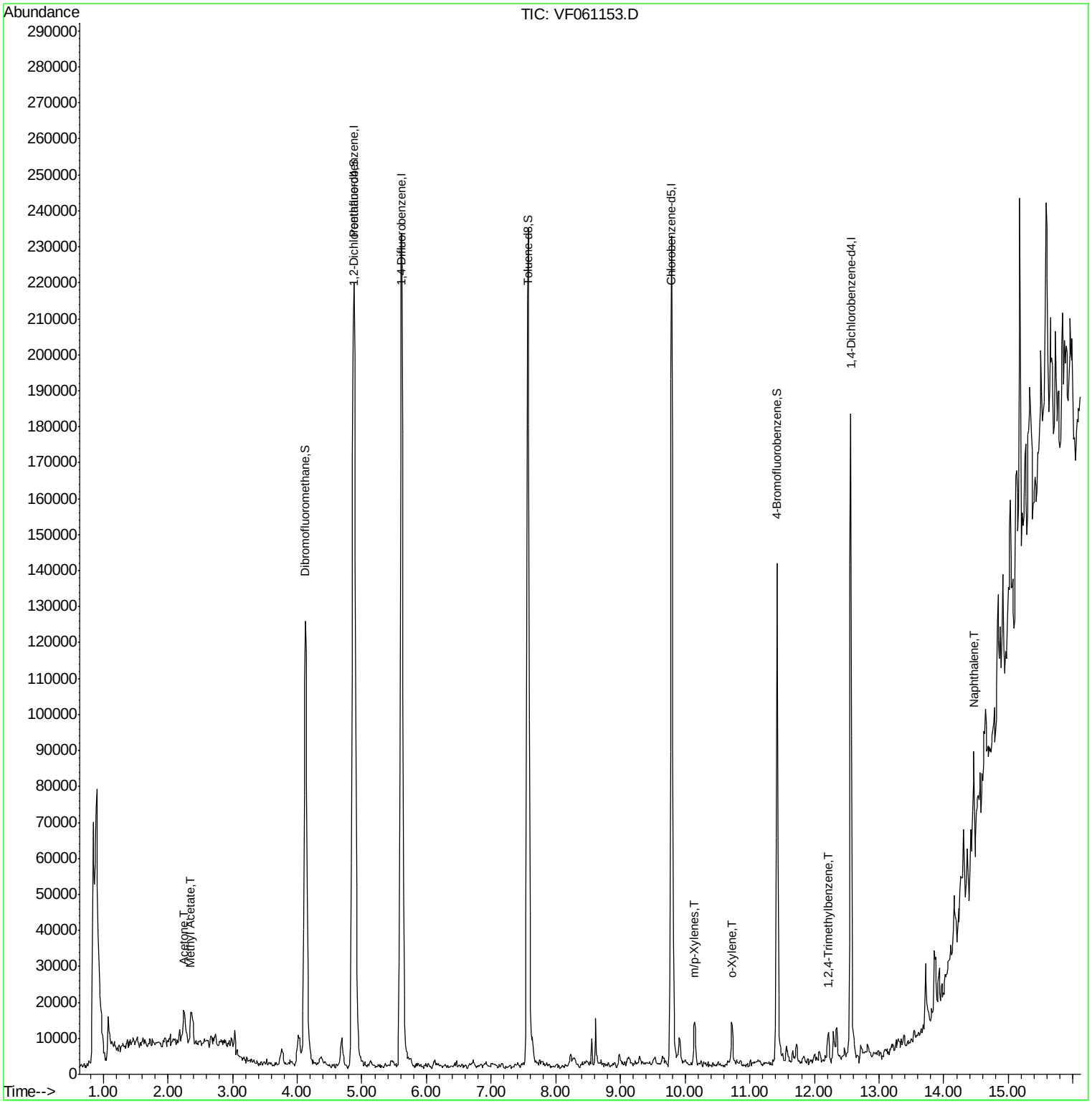
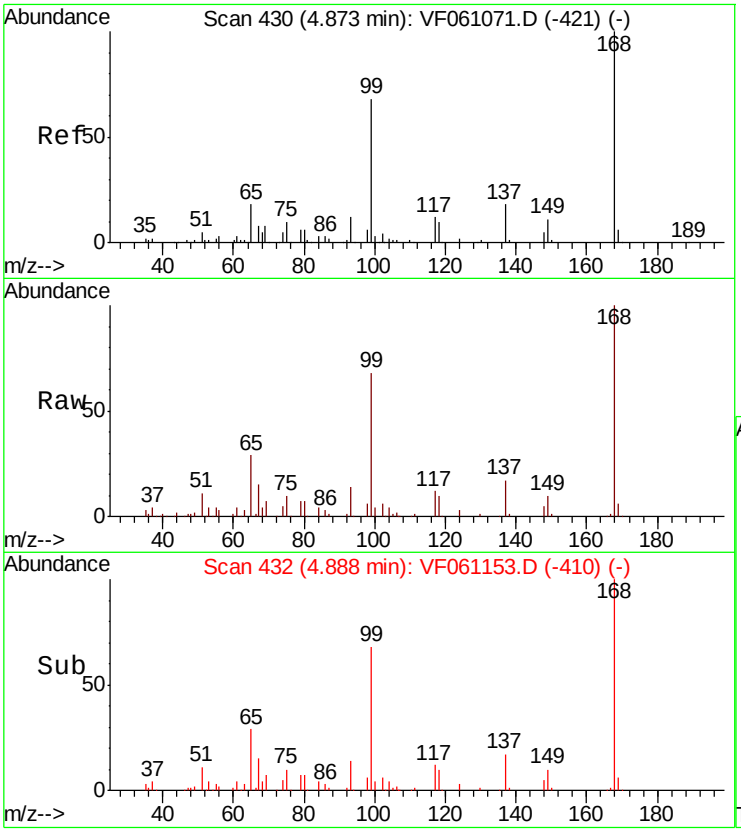


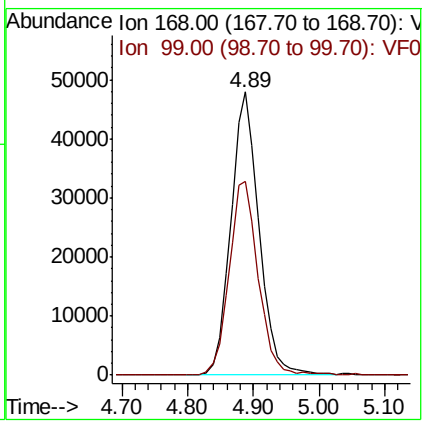


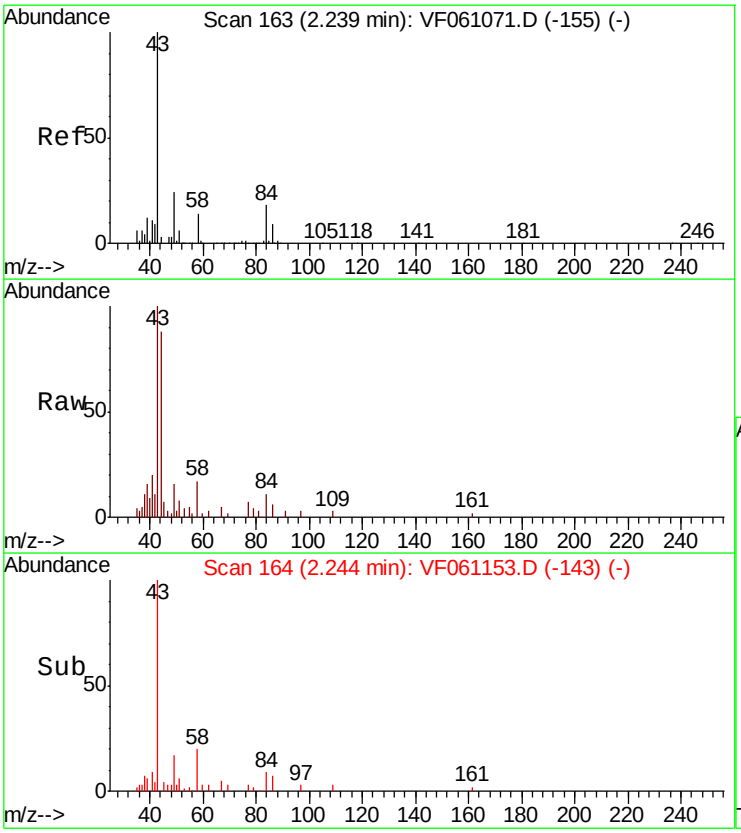
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 4.89 min Scan# 432
Delta R.T. 0.01 min
Lab File: VF061153.D
Acq: 22 Dec 2018 19:21

Instrument :
MSVOA_F
ClientSampleId :
R20-OSRE

Tgt Ion:168 Resp: 144222

Ion	Ratio	Lower	Upper
168	100		
99	68.5	54.4	81.6

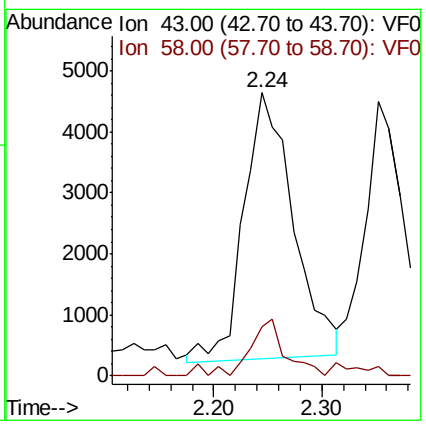


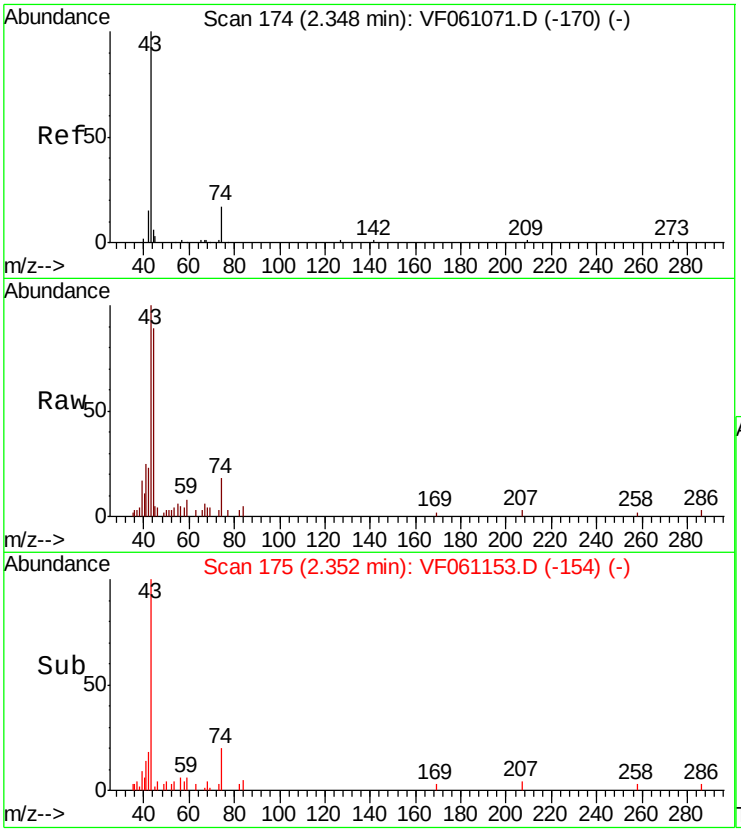


#16
Acetone
Concen: 37.603 ug/l
RT: 2.24 min Scan# 164
Delta R.T. 0.00 min
Lab File: VF061153.D
Acq: 22 Dec 2018 19:21

Tgt Ion: 43 Resp: 13944

Ion	Ratio	Lower	Upper
43	100		
58	17.5	11.1	16.7#



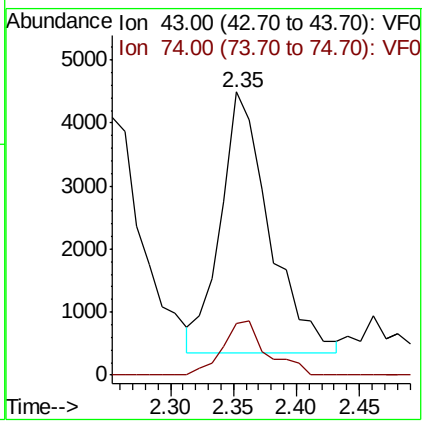


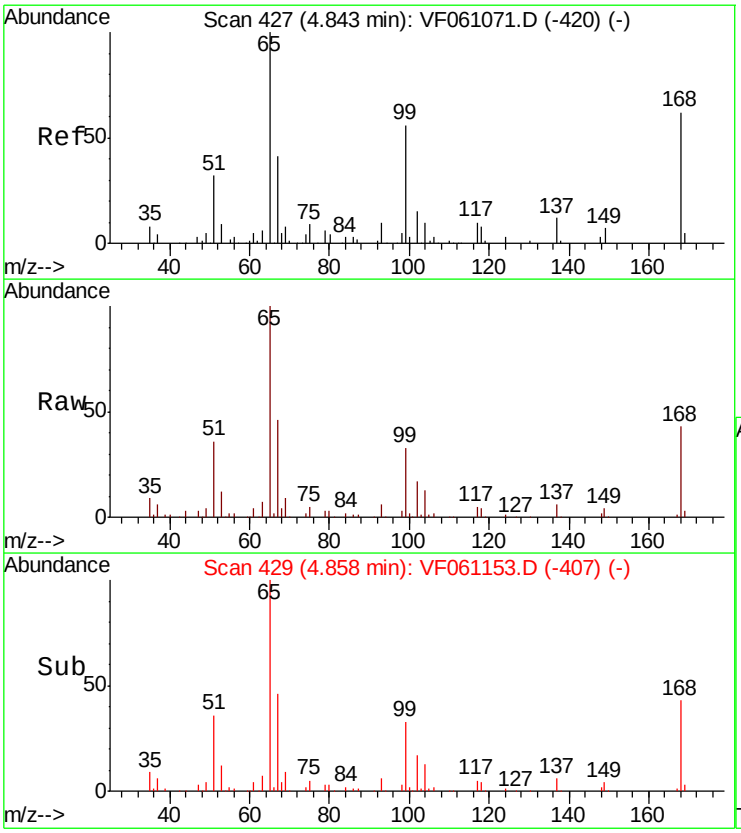
#18
Methyl Acetate
Concen: 14.472 ug/l
RT: 2.35 min Scan# 175
Delta R.T. 0.00 min
Lab File: VF061153.D
Acq: 22 Dec 2018 19:21

Instrument :
MSVOA_F
ClientSampleId :
R20-OSRE

Tgt Ion: 43 Resp: 11103

Ion	Ratio	Lower	Upper
43	100		
74	18.3	11.0	16.6#

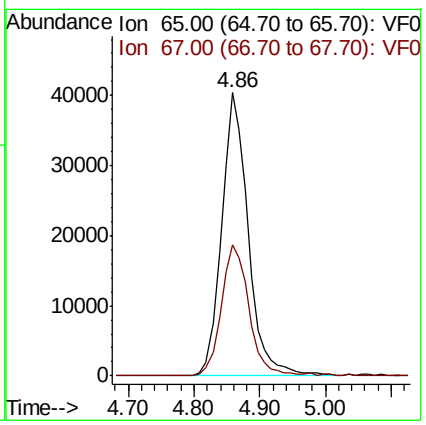


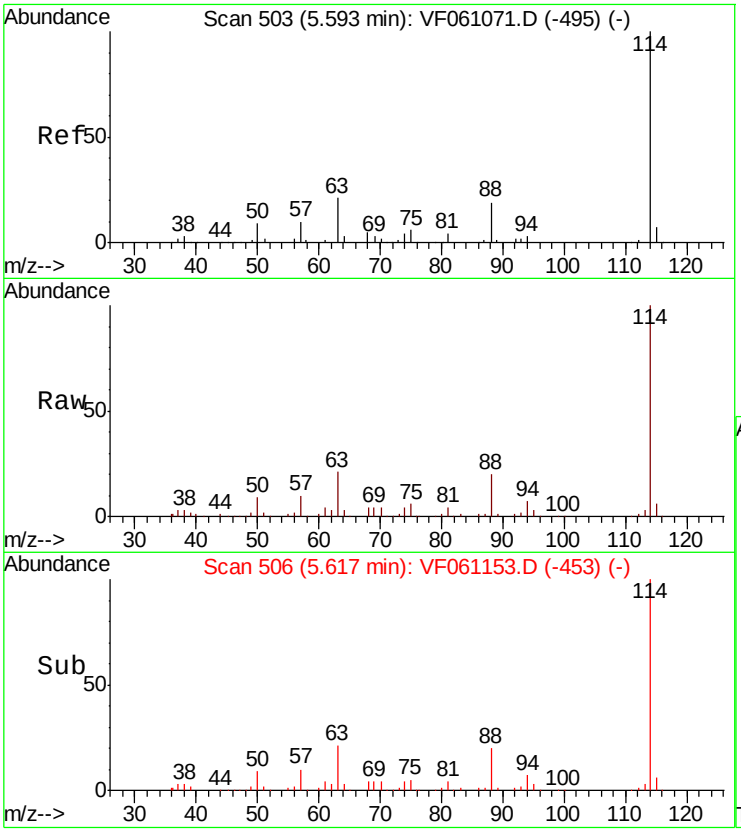


#33
1,2-Dichloroethane-d4
Concen: 61.428 ug/l
RT: 4.86 min Scan# 429
Delta R.T. 0.01 min
Lab File: VF061153.D
Acq: 22 Dec 2018 19:21

Tgt Ion: 65 Resp: 113946

Ion	Ratio	Lower	Upper
65	100		
67	46.2	0.0	94.6



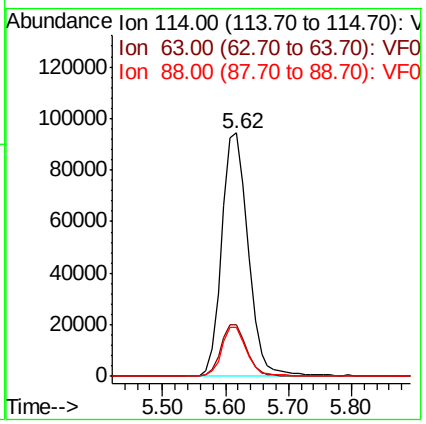


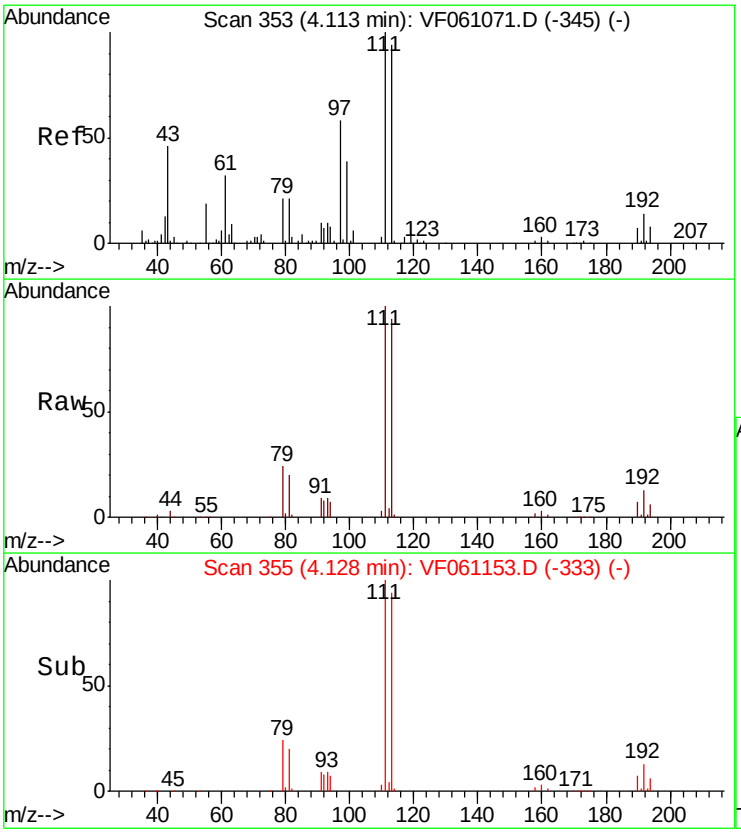
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.62 min Scan# 506
Delta R.T. 0.02 min
Lab File: VF061153.D
Acq: 22 Dec 2018 19:21

Instrument :
MSVOA_F
ClientSampleId :
R20-OSRE

Tgt Ion:114 Resp: 274887

Ion	Ratio	Lower	Upper
114	100		
63	21.3	0.0	41.6
88	20.1	0.0	38.0

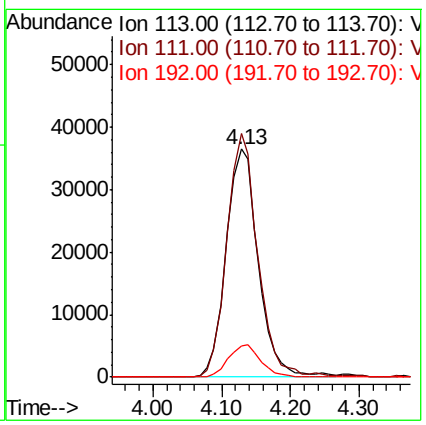


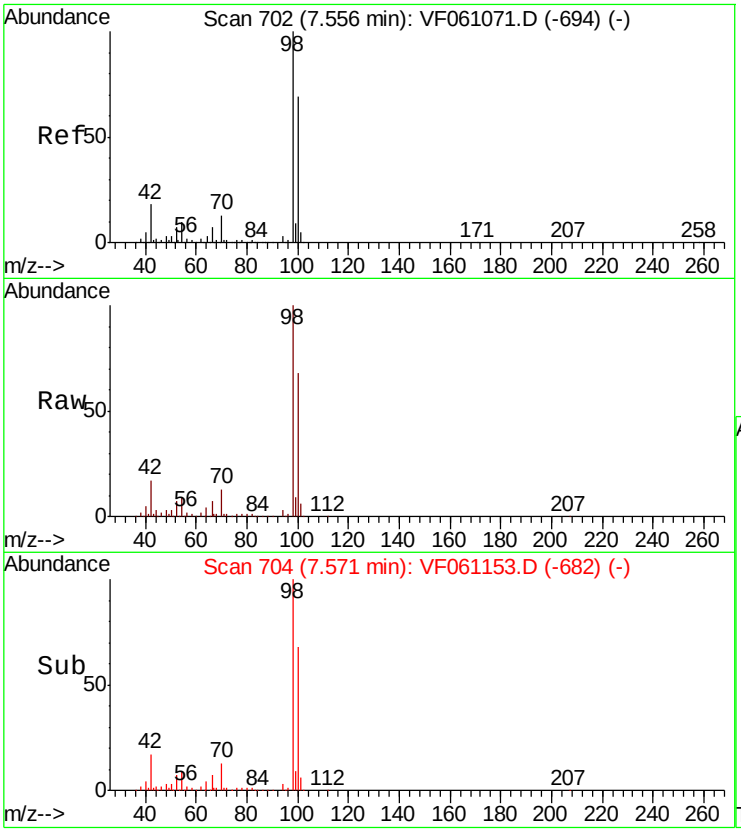


#35
Dibromofluoromethane
Concen: 53.712 ug/l
RT: 4.13 min Scan# 355
Delta R.T. 0.01 min
Lab File: VF061153.D
Acq: 22 Dec 2018 19:21

Tgt Ion:113 Resp: 118275

Ion	Ratio	Lower	Upper
113	100		
111	106.7	85.2	127.8
192	13.6	12.8	19.2



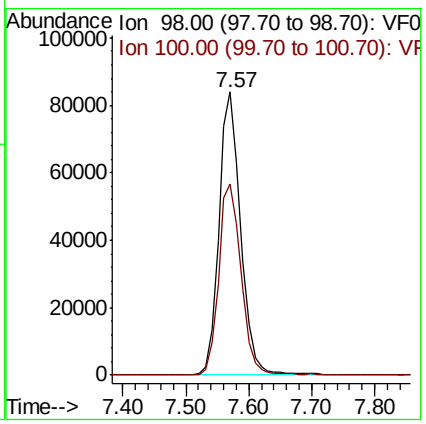


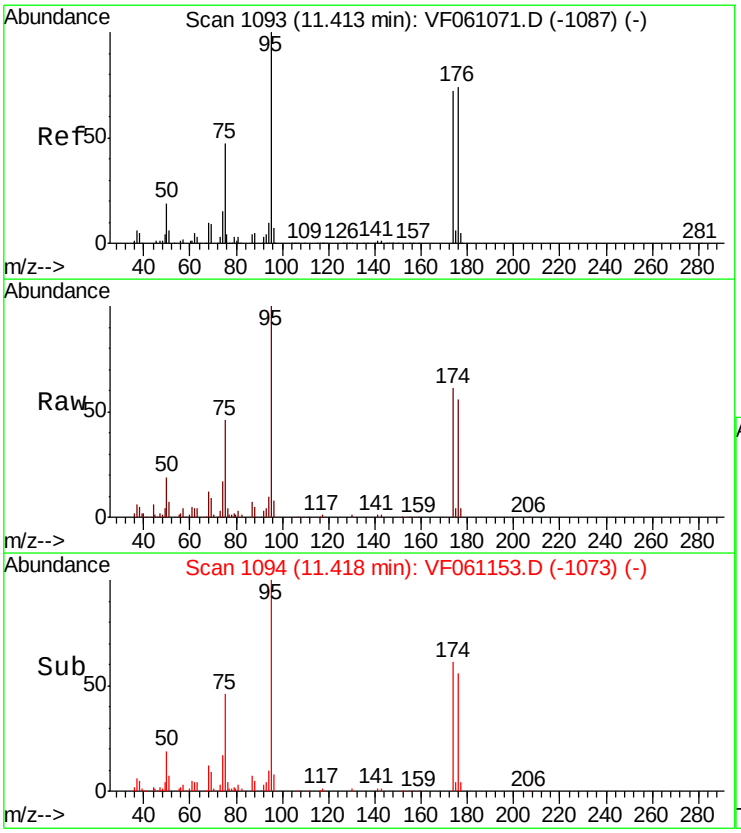
#50
Toluene-d8
Concen: 32.239 ug/l
RT: 7.57 min Scan# 704
Delta R.T. 0.01 min
Lab File: VF061153.D
Acq: 22 Dec 2018 19:21

Instrument : MSVOA_F
ClientSampleId : R20-OSRE

Tgt Ion: 98 Resp: 201175

Ion	Ratio	Lower	Upper
98	100		
100	67.8	55.3	82.9

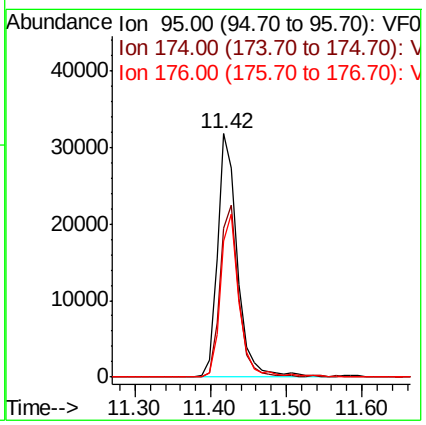


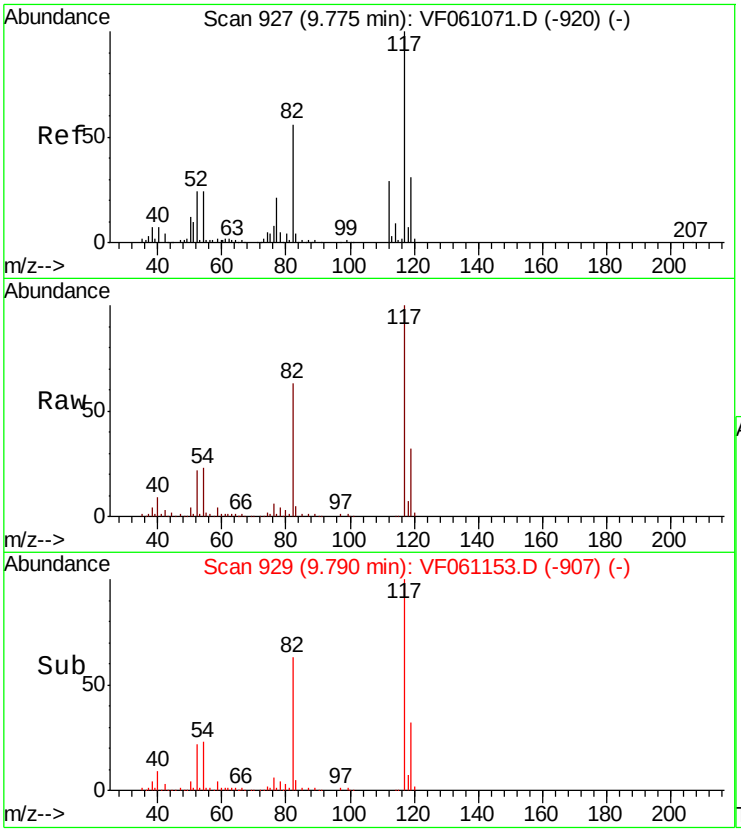


#62
4-Bromofluorobenzene
Concen: 20.482 ug/l
RT: 11.42 min Scan# 1094
Delta R.T. 0.00 min
Lab File: VF061153.D
Acq: 22 Dec 2018 19:21

Tgt Ion: 95 Resp: 58922

Ion	Ratio	Lower	Upper
95	100		
174	61.1	0.0	143.8
176	56.0	0.0	147.6



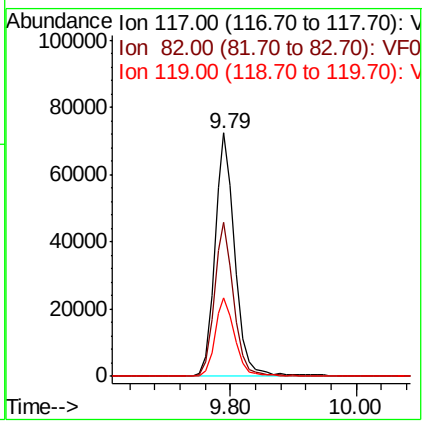


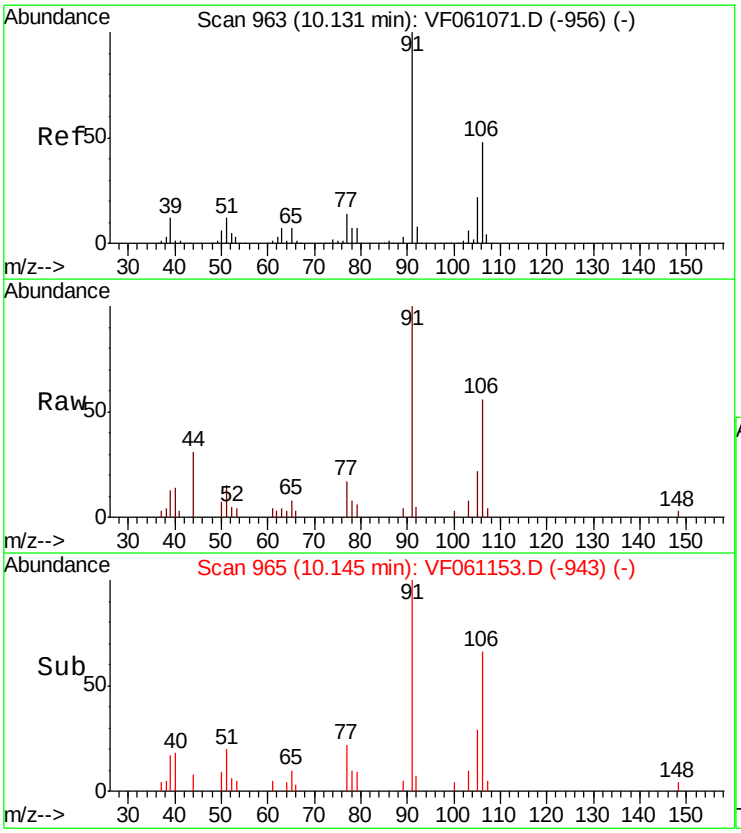
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.79 min Scan# 929
Delta R.T. 0.01 min
Lab File: VF061153.D
Acq: 22 Dec 2018 19:21

Instrument : MSVOA_F
ClientSampleId : R20-OSRE

Tgt Ion:117 Resp: 161132

Ion	Ratio	Lower	Upper
117	100		
82	63.3	45.0	67.4
119	32.0	24.8	37.2

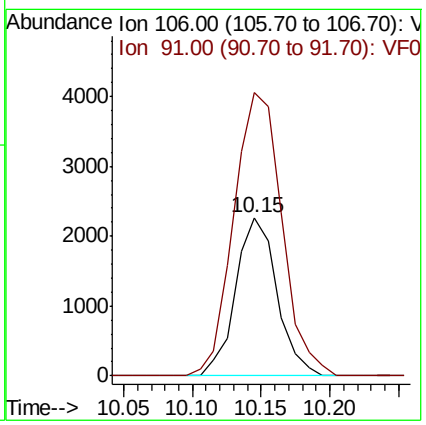


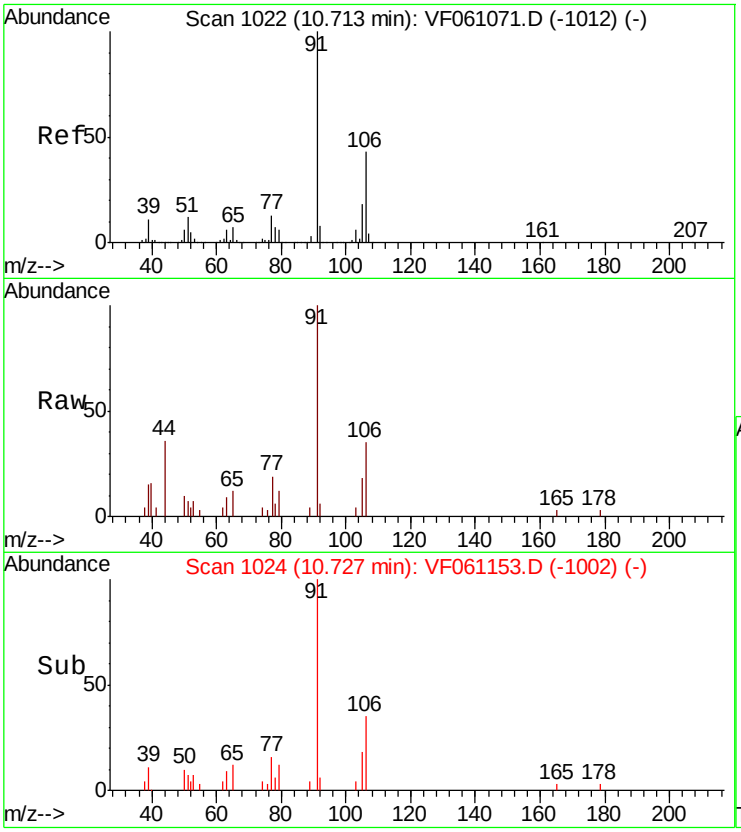


#68
m/p-Xylenes
Concen: 2.217 ug/l
RT: 10.15 min Scan# 965
Delta R.T. 0.01 min
Lab File: VF061153.D
Acq: 22 Dec 2018 19:21

Tgt Ion:106 Resp: 4731

Ion	Ratio	Lower	Upper
106	100		
91	178.8	168.2	252.2



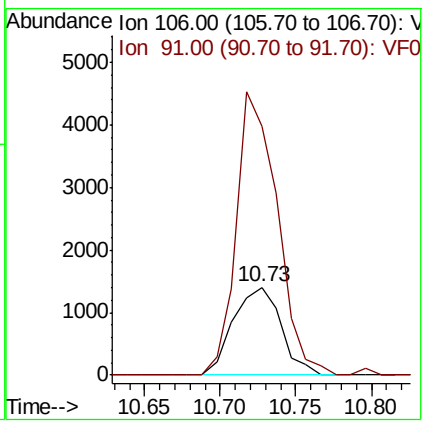


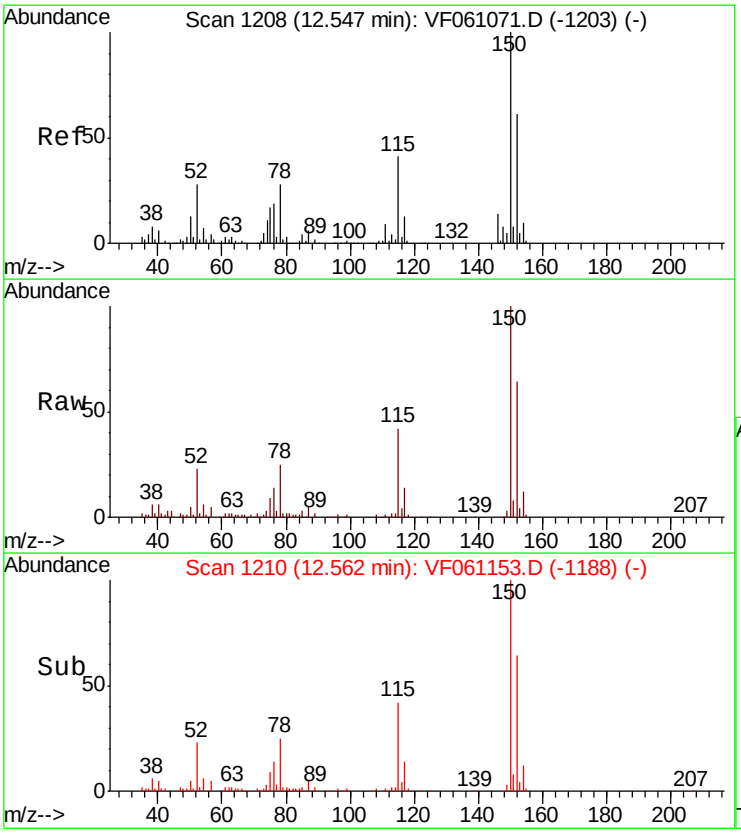
#69
o-Xylene
Concen: 1.305 ug/l
RT: 10.73 min Scan# 1024
Delta R.T. 0.01 min
Lab File: VF061153.D
Acq: 22 Dec 2018 19:21

Instrument :
MSVOA_F
ClientSampleId :
R20-OSRE

Tgt Ion:106 Resp: 3089

Ion	Ratio	Lower	Upper
106	100		
91	282.2	115.9	347.7

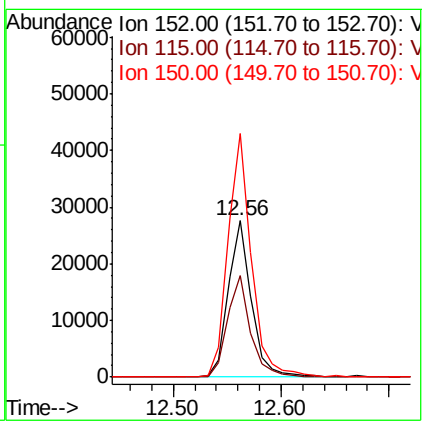


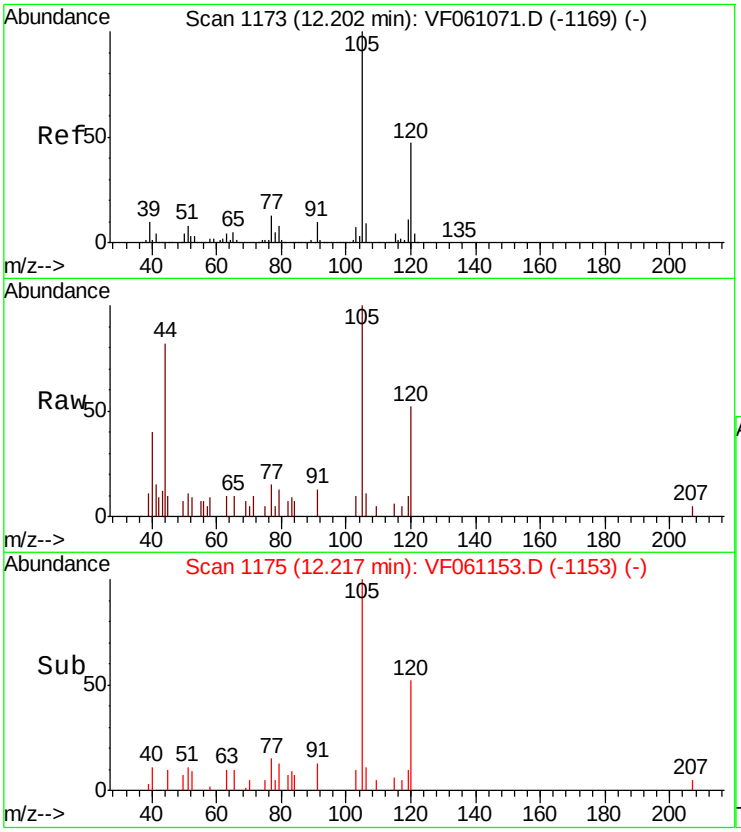


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.56 min Scan# 1210
Delta R.T. 0.01 min
Lab File: VF061153.D
Acq: 22 Dec 2018 19:21

Tgt Ion:152 Resp: 41126

Ion	Ratio	Lower	Upper
152	100		
115	64.7	33.3	99.9
150	155.9	0.0	328.2



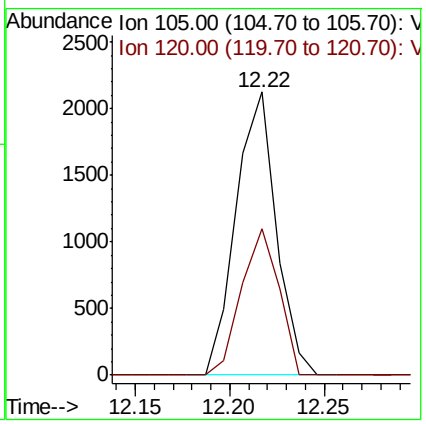


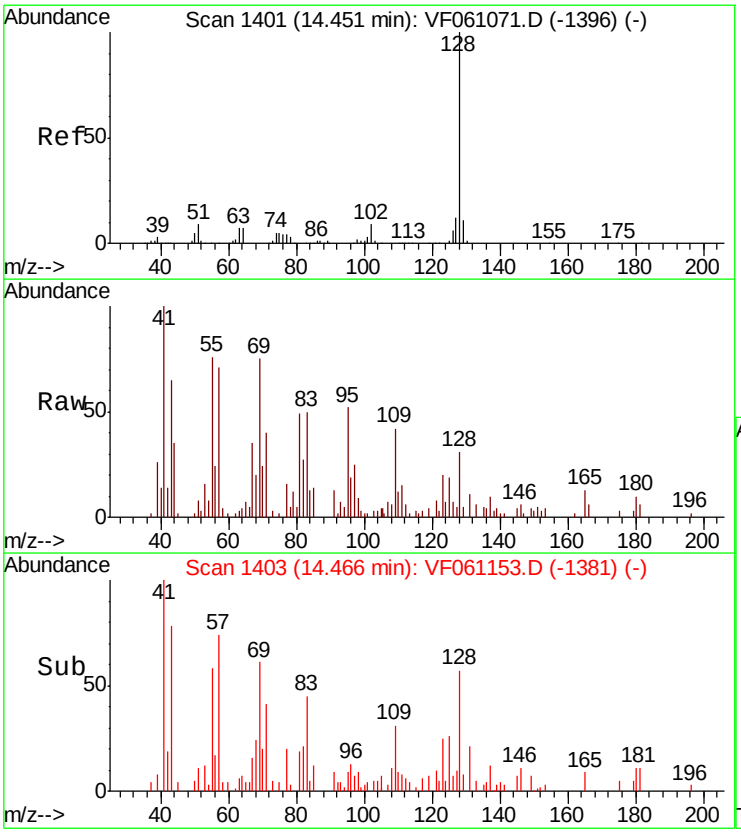
#84
1,2,4-Trimethylbenzene
Concen: 1.076 ug/l
RT: 12.22 min Scan# 1175
Delta R.T. 0.01 min
Lab File: VF061153.D
Acq: 22 Dec 2018 19:21

Instrument :
MSVOA_F
ClientSampleId :
R20-OSRE

Tgt Ion:105 Resp: 3131

Ion	Ratio	Lower	Upper
105	100		
120	51.8	23.6	71.0





#95
Naphthalene
Concen: 1.873 ug/l
RT: 14.47 min Scan# 1403
Delta R.T. 0.01 min
Lab File: VF061153.D
Acq: 22 Dec 2018 19:21

Tgt Ion:128 Resp: 3309

Ion	Ratio	Lower	Upper
128	100		
127	17.5	9.4	14.2#
129	14.7	8.8	13.2#