Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF121118\
Data File : VF060984.D
Acq On : 11 Dec 2018 18:56
Operator : VA/AP
Sample : J6195-07RE
Misc : 5.31g/5mL/MSVOA-F/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId : OR-02-121018-B

Quant Time: Dec 12 06:28:53 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F112618S.M
Quant Title : SW846 8260
QLast Update : Tue Nov 27 01:36:26 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.87	168	215231	50.00	ug/l	-0.04
34) 1,4-Difluorobenzene	5.60	114	357606	50.00	ug/l	-0.04
63) Chlorobenzene-d5	9.79	117	315247	50.00	ug/l	-0.03
72) 1,4-Dichlorobenzene-d4	12.56	152	144114	50.00	ug/l	-0.02
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.85	65	116905	46.11	ug/l	-0.03
Spiked Amount 50.000			Recovery = 92.22%			
35) Dibromofluoromethane	4.11	113	123940	43.69	ug/l	-0.04
Spiked Amount 50.000			Recovery = 87.38%			
50) Toluene-d8	7.56	98	289579	34.65	ug/l	-0.04
Spiked Amount 50.000			Recovery = 69.30%			
62) 4-Bromofluorobenzene	11.41	95	129871	34.19	ug/l	-0.03
Spiked Amount 50.000			Recovery = 68.38%			
Target Compounds						Qvalue
8) Diethyl Ether	1.63	74	1919	3.184	ug/l	96
11) Tert butyl alcohol	2.57	59	313	3.011	ug/l #	1
13) Acrolein	1.99	56	741	7.525	ug/l #	33
15) Acrylonitrile	2.97	53	388	1.665	ug/l #	74
16) Acetone	2.24	43	17694	37.843	ug/l	99
18) Methyl Acetate	2.37	43	2976	2.216	ug/l #	87
20) Methylene Chloride	2.24	84	11810	6.885	ug/l	93
25) 2-Butanone	4.35	43	2907	3.595	ug/l	100
41) Methacrylonitrile	4.77	41	314	Below Cal	#	23
43) Isopropyl Acetate	6.91	43	1207	Below Cal	#	49
49) 1,4-Dioxane	6.89	88	63	5.900	ug/l #	1
51) 4-Methyl-2-Pentanone	8.28	43	1677	1.128	ug/l	91
52) Toluene	7.64	92	12956	2.105	ug/l	98
68) m/p-Xylenes	10.13	106	7023	1.710	ug/l	89
84) 1,2,4-Trimethylbenzene	12.21	105	16152	1.750	ug/l	99
95) Naphthalene	14.46	128	194563	30.536	ug/l	99

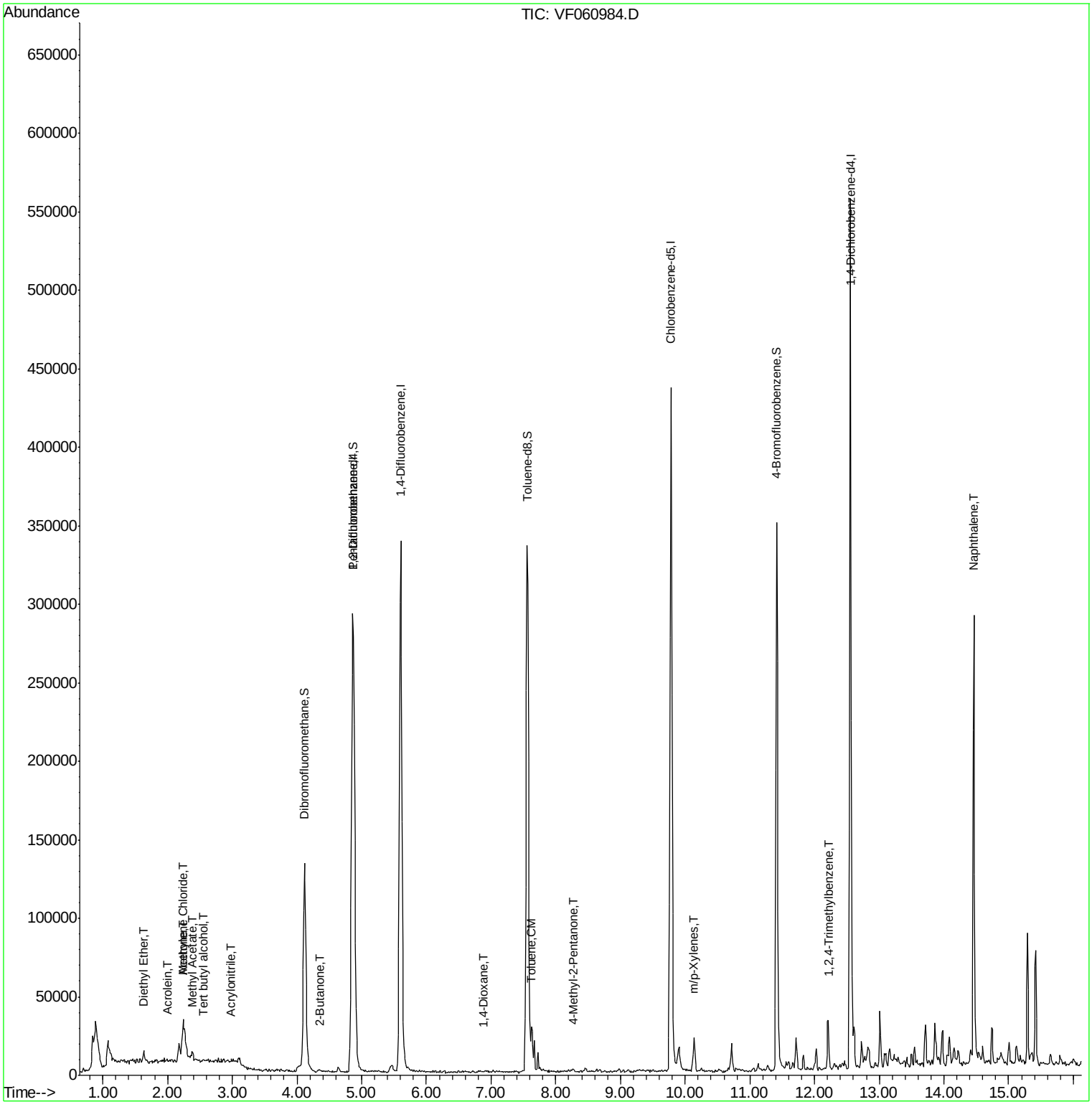
(#) = qualifier out of range (m) = manual integration (+) = signals summed

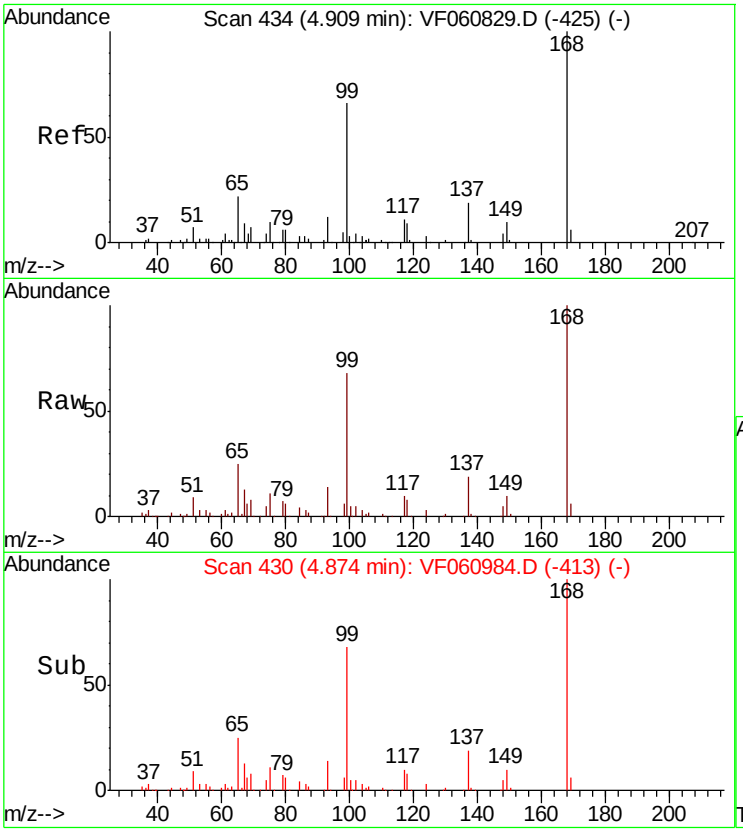
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF121118\
Data File : VF060984.D
Acq On : 11 Dec 2018 18:56
Operator : VA/AP
Sample : J6195-07RE
Misc : 5.31g/5mL/MSVOA-F/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId : OR-02-121018-B

Quant Time: Dec 12 06:28:53 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F112618S.M
Quant Title : SW846 8260
QLast Update : Tue Nov 27 01:36:26 2018
Response via : Initial Calibration



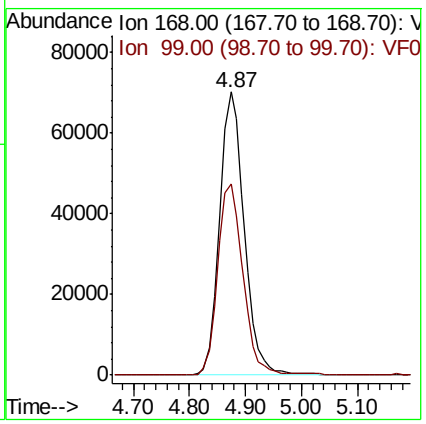


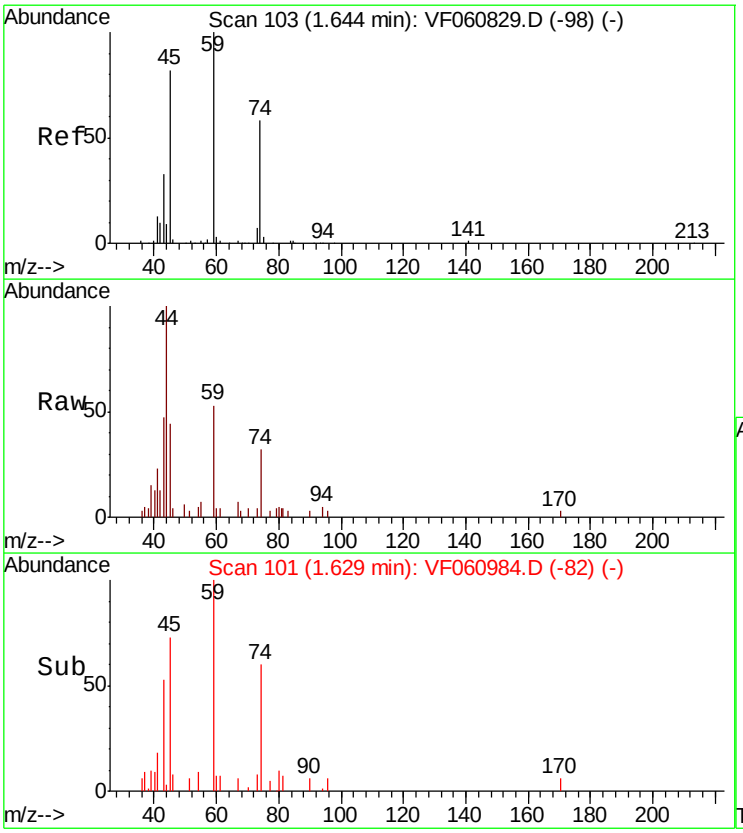
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 4.87 min Scan# 430
Delta R.T. -0.04 min
Lab File: VF060984.D
Acq: 11 Dec 2018 18:56

Instrument :
MSVOA_F
ClientSampleId :
OR-02-121018-B

Tgt Ion:168 Resp: 215231

Ion	Ratio	Lower	Upper
168	100		
99	67.5	52.6	79.0

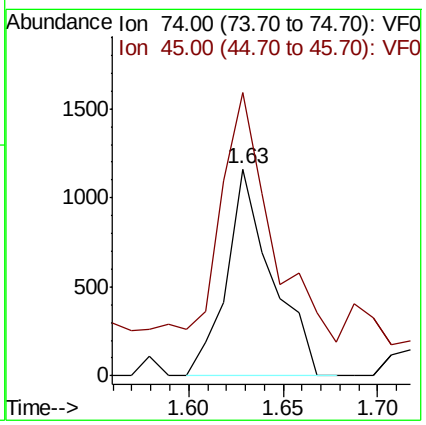


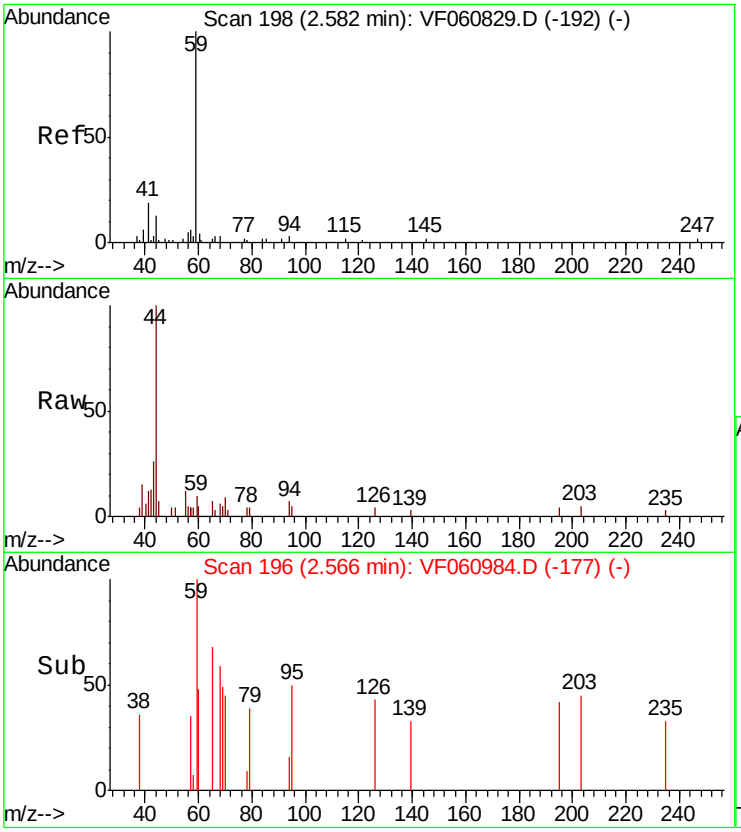


#8
Diethyl Ether
Concen: 3.184 ug/l
RT: 1.63 min Scan# 101
Delta R.T. -0.02 min
Lab File: VF060984.D
Acq: 11 Dec 2018 18:56

Tgt Ion: 74 Resp: 1919

Ion	Ratio	Lower	Upper
74	100		
45	136.8	71.0	212.8



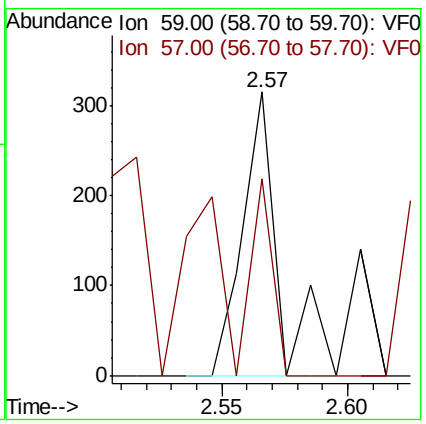


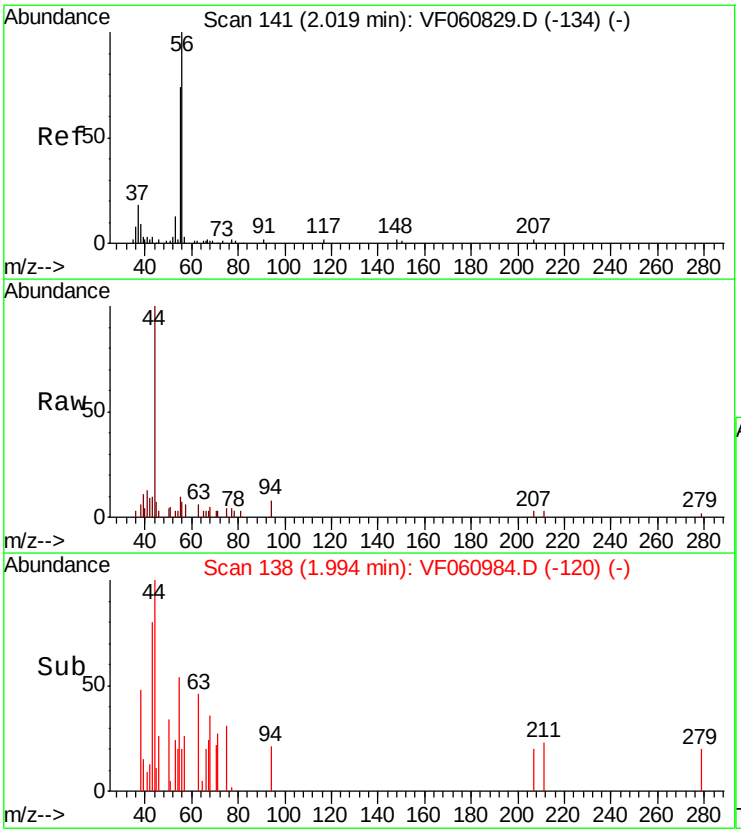
#11
Tert butyl alcohol
Concen: 3.011 ug/l
RT: 2.57 min Scan# 196
Delta R.T. -0.02 min
Lab File: VF060984.D
Acq: 11 Dec 2018 18:56

Instrument : MSVOA_F
ClientSampleId : OR-02-121018-B

Tgt Ion: 59 Resp: 313

Ion	Ratio	Lower	Upper
59	100		
57	69.2	12.7	19.1#

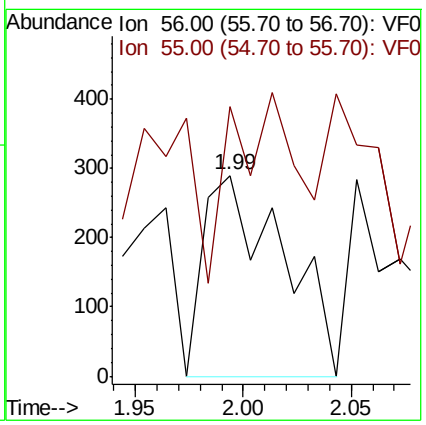


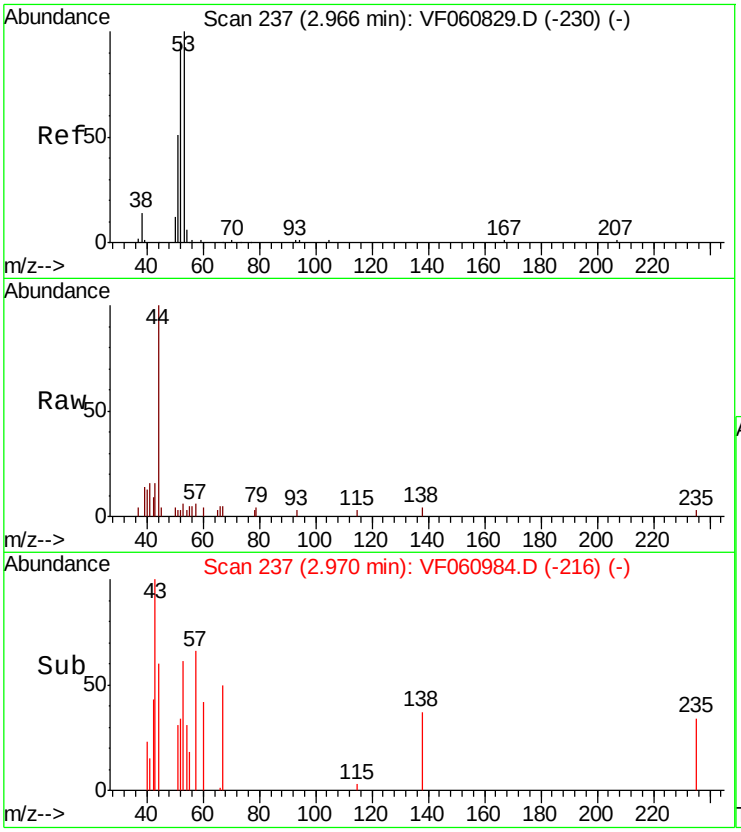


#13
Acrolein
Concen: 7.525 ug/l
RT: 1.99 min Scan# 138
Delta R.T. -0.03 min
Lab File: VF060984.D
Acq: 11 Dec 2018 18:56

Tgt Ion: 56 Resp: 741

Ion	Ratio	Lower	Upper
56	100		
55	134.1	61.2	91.8#



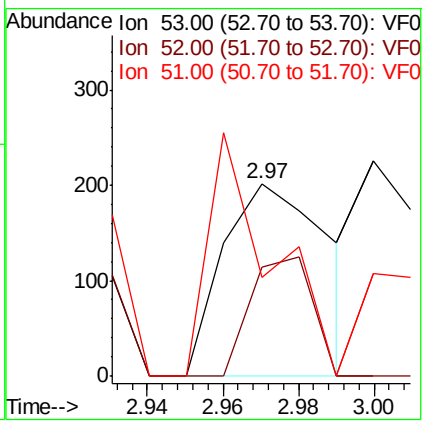


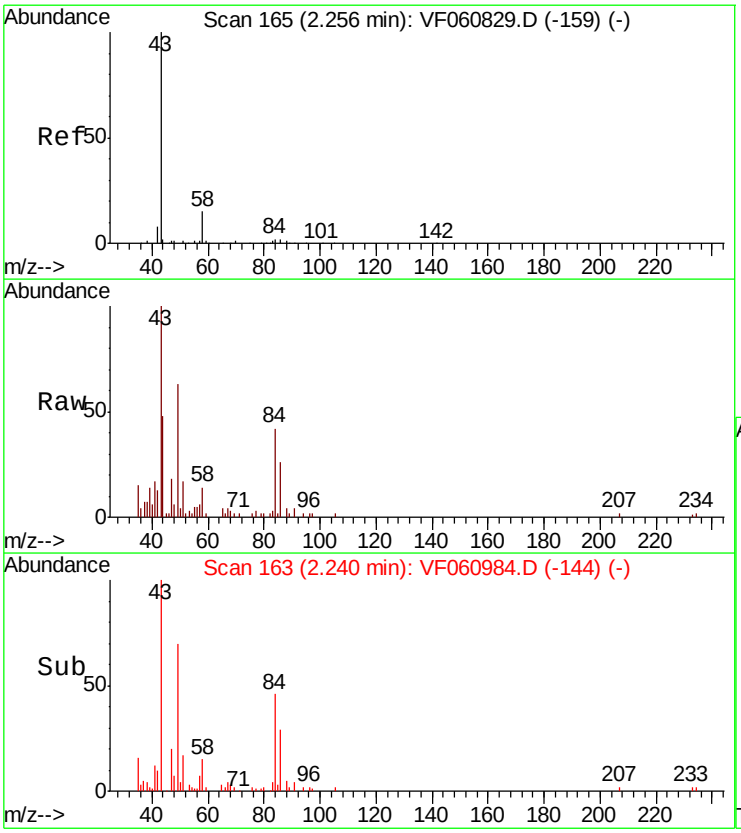
#15
Acrylonitrile
Concen: 1.665 ug/l
RT: 2.97 min Scan# 237
Delta R.T. 0.00 min
Lab File: VF060984.D
Acq: 11 Dec 2018 18:56

Instrument : MSVOA_F
ClientSampleId : OR-02-121018-B

Tgt Ion: 53 Resp: 388

Ion	Ratio	Lower	Upper
53	100		
52	56.4	76.5	114.7#
51	51.0	40.7	61.1

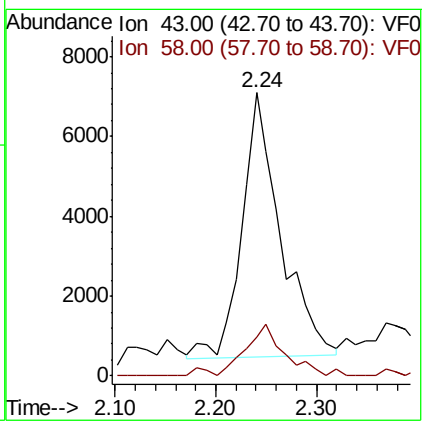


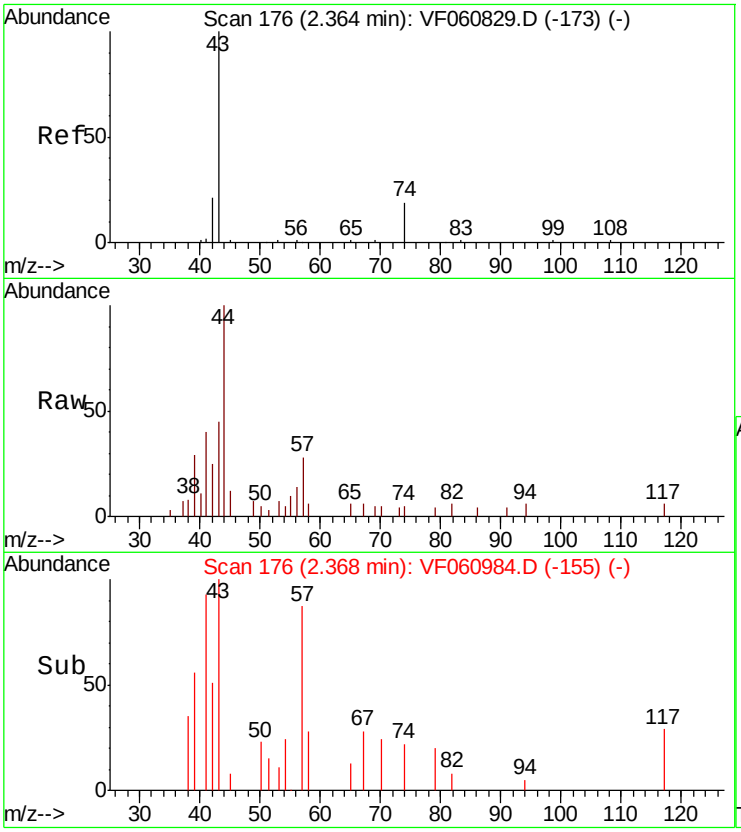


#16
Acetone
Concen: 37.843 ug/l
RT: 2.24 min Scan# 163
Delta R.T. -0.02 min
Lab File: VF060984.D
Acq: 11 Dec 2018 18:56

Tgt Ion: 43 Resp: 17694

Ion	Ratio	Lower	Upper
43	100		
58	13.9	11.4	17.2



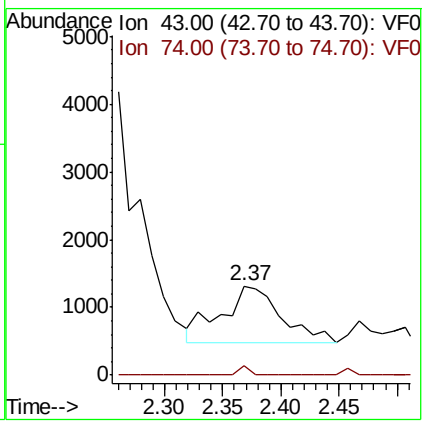


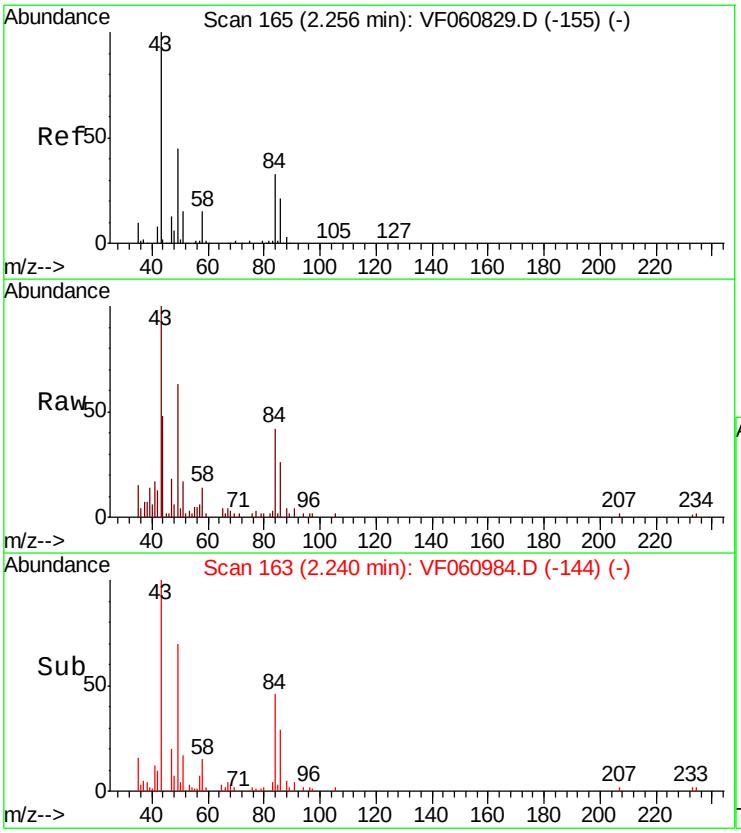
#18
Methyl Acetate
Concen: 2.216 ug/l
RT: 2.37 min Scan# 176
Delta R.T. 0.00 min
Lab File: VF060984.D
Acq: 11 Dec 2018 18:56

Instrument : MSVOA_F
ClientSampleId : OR-02-121018-B

Tgt Ion: 43 Resp: 2976

Ion	Ratio	Lower	Upper
43	100		
74	10.8	13.3	19.9#

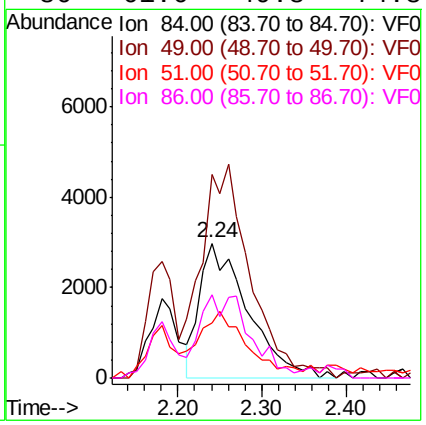


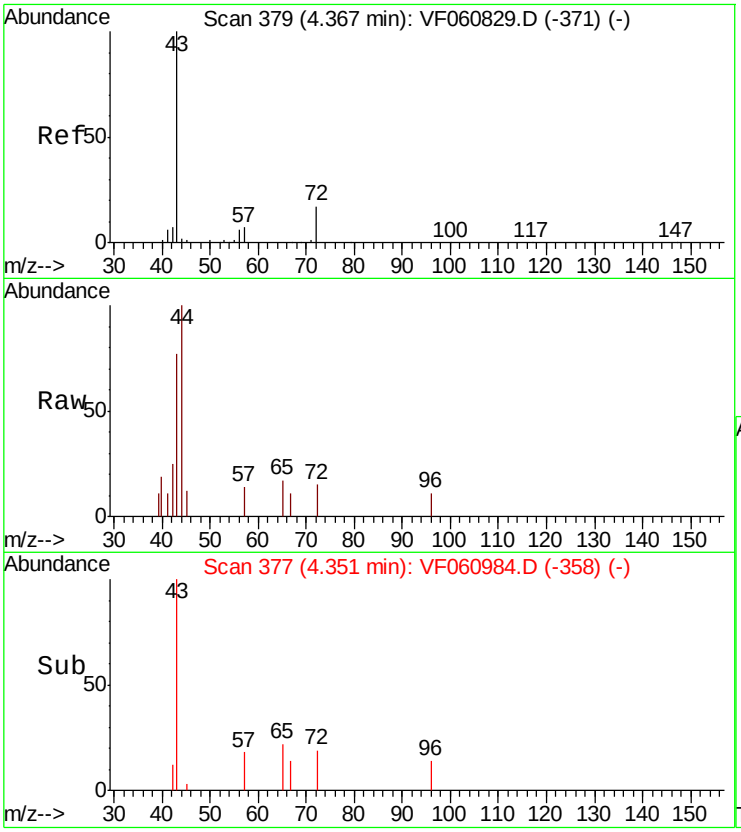


#20
Methylene Chloride
Concen: 6.885 ug/l
RT: 2.24 min Scan# 163
Delta R.T. -0.02 min
Lab File: VF060984.D
Acq: 11 Dec 2018 18:56

Tgt Ion: 84 Resp: 11810

Ion	Ratio	Lower	Upper
84	100		
49	150.9	111.3	166.9
51	41.3	38.0	57.0
86	61.6	49.8	74.8



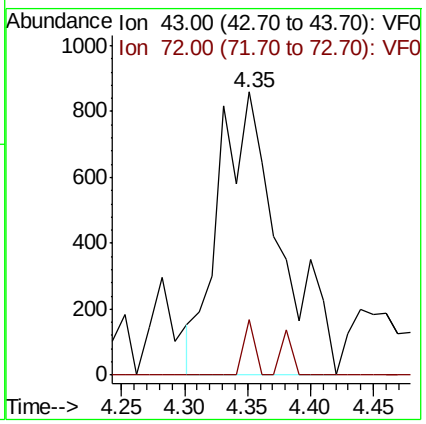


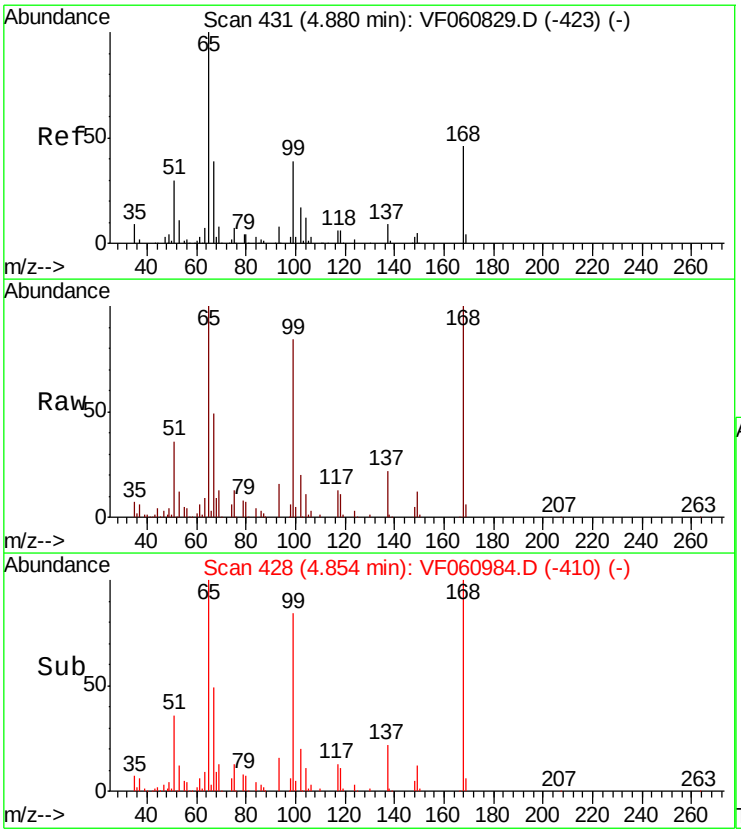
#25
2-Butanone
Concen: 3.595 ug/l
RT: 4.35 min Scan# 377
Delta R.T. -0.02 min
Lab File: VF060984.D
Acq: 11 Dec 2018 18:56

Instrument :
MSVOA_F
ClientSampleId :
OR-02-121018-B

Tgt Ion: 43 Resp: 2907

Ion	Ratio	Lower	Upper
43	100		
72	19.4	15.4	23.2

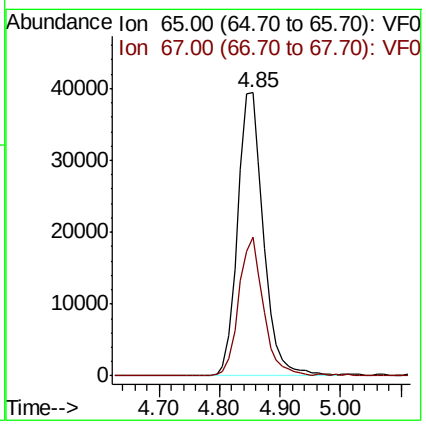


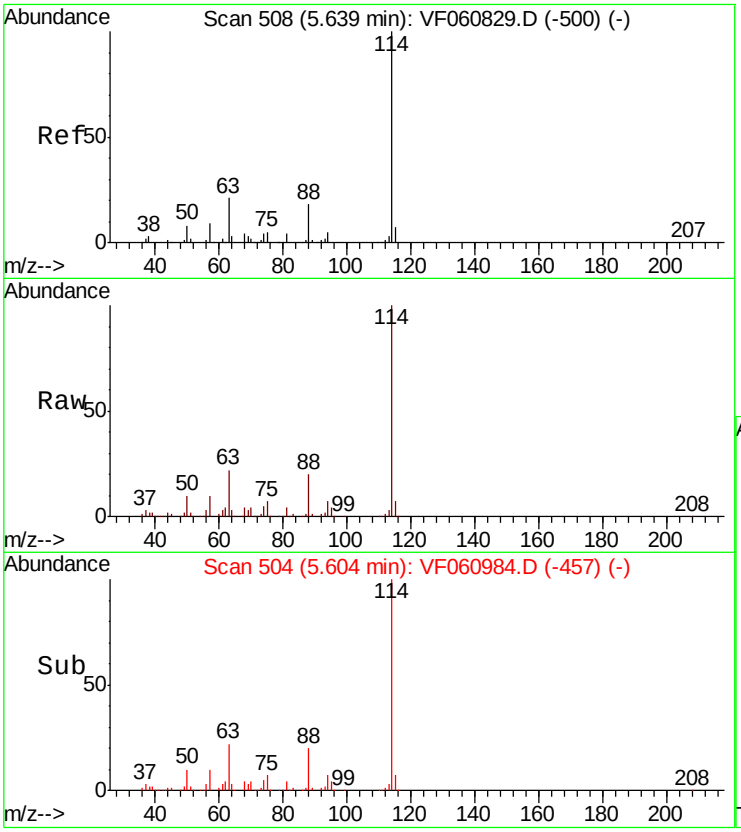


#33
1,2-Dichloroethane-d4
Concen: 46.107 ug/l
RT: 4.85 min Scan# 428
Delta R.T. -0.03 min
Lab File: VF060984.D
Acq: 11 Dec 2018 18:56

Tgt Ion: 65 Resp: 116905

Ion	Ratio	Lower	Upper
65	100		
67	48.9	0.0	96.4



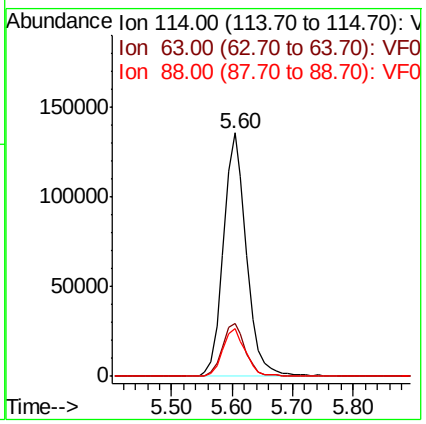


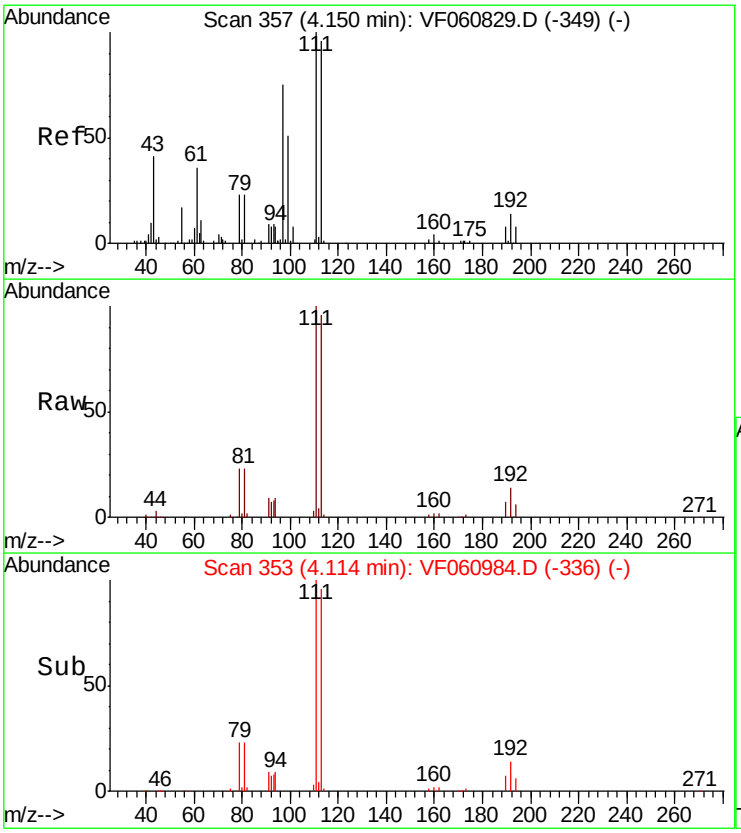
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.60 min Scan# 504
Delta R.T. -0.04 min
Lab File: VF060984.D
Acq: 11 Dec 2018 18:56

Instrument :
MSVOA_F
ClientSampleId :
OR-02-121018-B

Tgt Ion:114 Resp: 357606

Ion	Ratio	Lower	Upper
114	100		
63	22.0	0.0	41.6
88	19.7	0.0	36.6

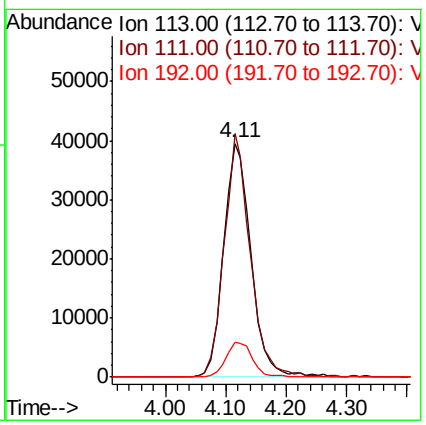


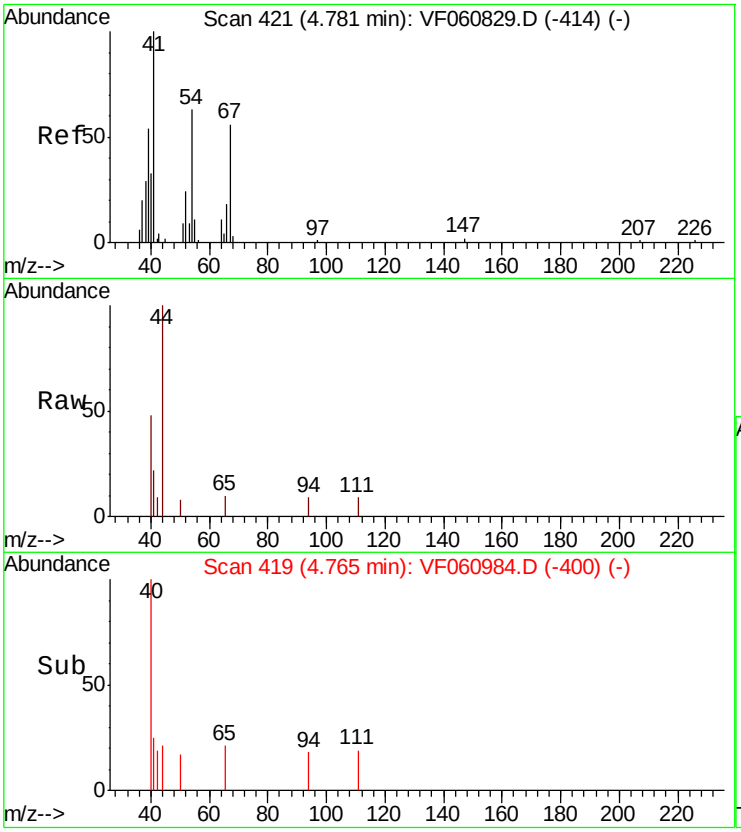


#35
Dibromofluoromethane
Concen: 43.687 ug/l
RT: 4.11 min Scan# 353
Delta R.T. -0.04 min
Lab File: VF060984.D
Acq: 11 Dec 2018 18:56

Tgt Ion:113 Resp: 123940

Ion	Ratio	Lower	Upper
113	100		
111	104.1	83.0	124.6
192	14.9	12.3	18.5



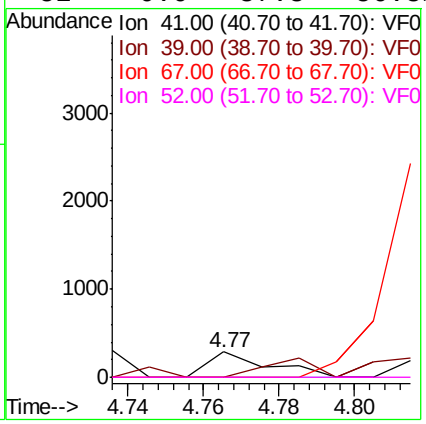


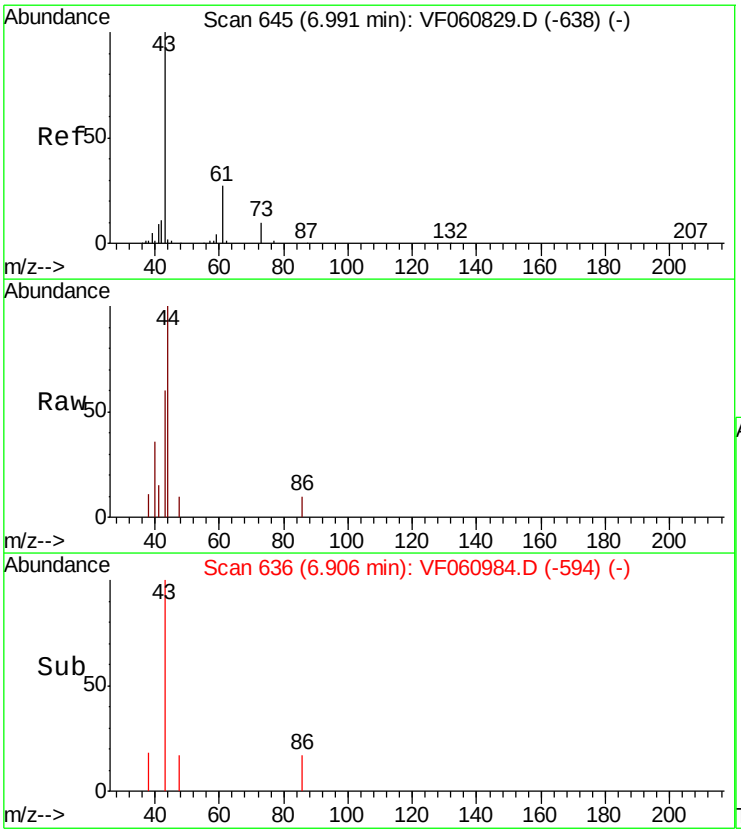
#41
Methacrylonitrile
Concen: Below Cal
RT: 4.77 min Scan# 419
Delta R.T. -0.02 min
Lab File: VF060984.D
Acq: 11 Dec 2018 18:56

Instrument : MSVOA_F
ClientSampleId : OR-02-121018-B

Tgt Ion: 41 Resp: 314

Ion	Ratio	Lower	Upper
41	100		
39	0.0	53.0	79.6#
67	0.0	43.8	65.6#
52	0.0	37.8	56.8#

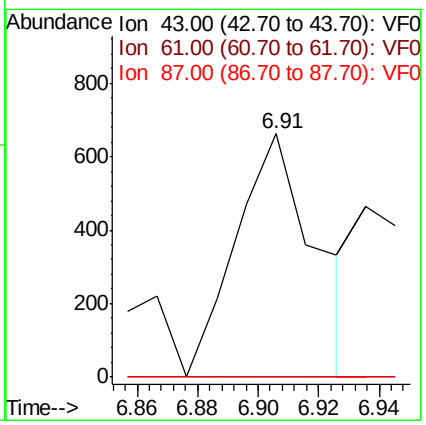


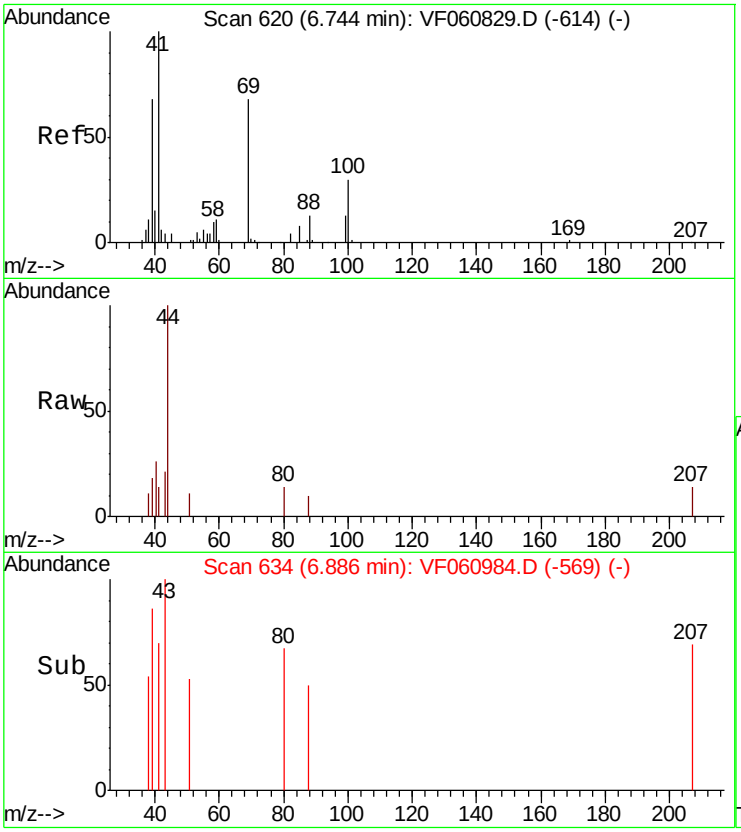


#43
Isopropyl Acetate
Concen: Below Cal
RT: 6.91 min Scan# 636
Delta R.T. -0.08 min
Lab File: VF060984.D
Acq: 11 Dec 2018 18:56

Tgt Ion: 43 Resp: 1207

Ion	Ratio	Lower	Upper
43	100		
61	0.0	21.4	32.0#
87	0.0	0.2	0.4#



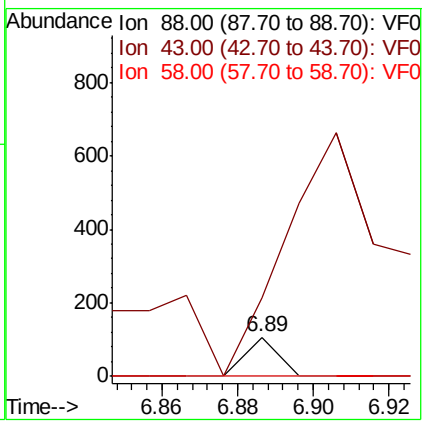


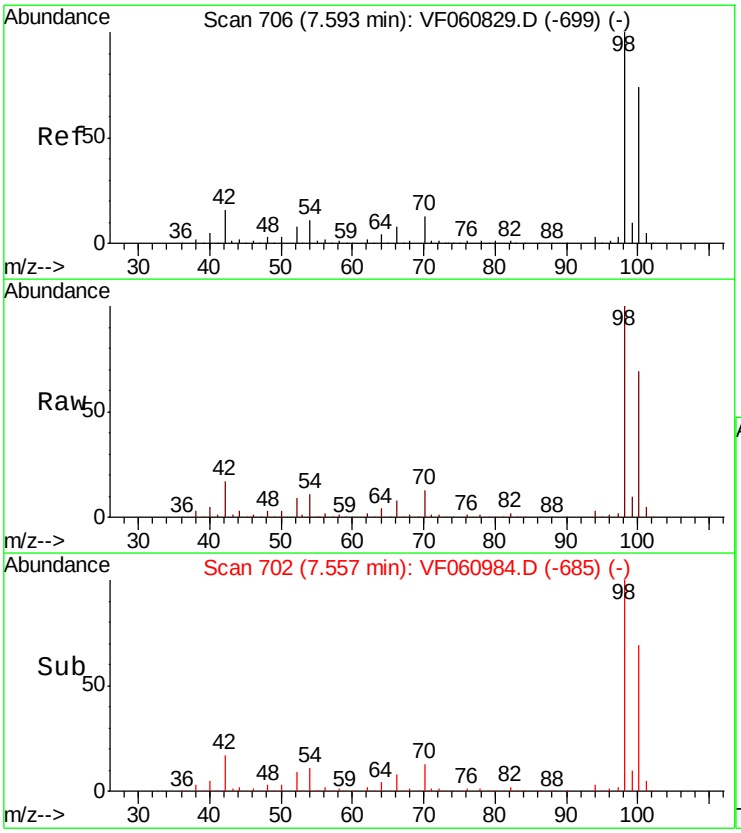
#49
1,4-Dioxane
Concen: 5.900 ug/l
RT: 6.89 min Scan# 634
Delta R.T. 0.14 min
Lab File: VF060984.D
Acq: 11 Dec 2018 18:56

Instrument : MSVOA_F
ClientSampleId : OR-02-121018-B

Tgt Ion: 88 Resp: 63

Ion	Ratio	Lower	Upper
88	100		
43	200.9	42.0	63.0#
58	0.0	61.8	92.8#

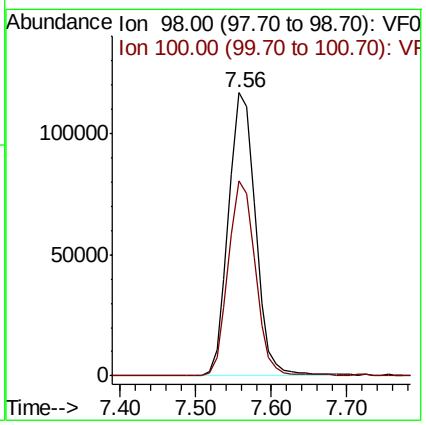


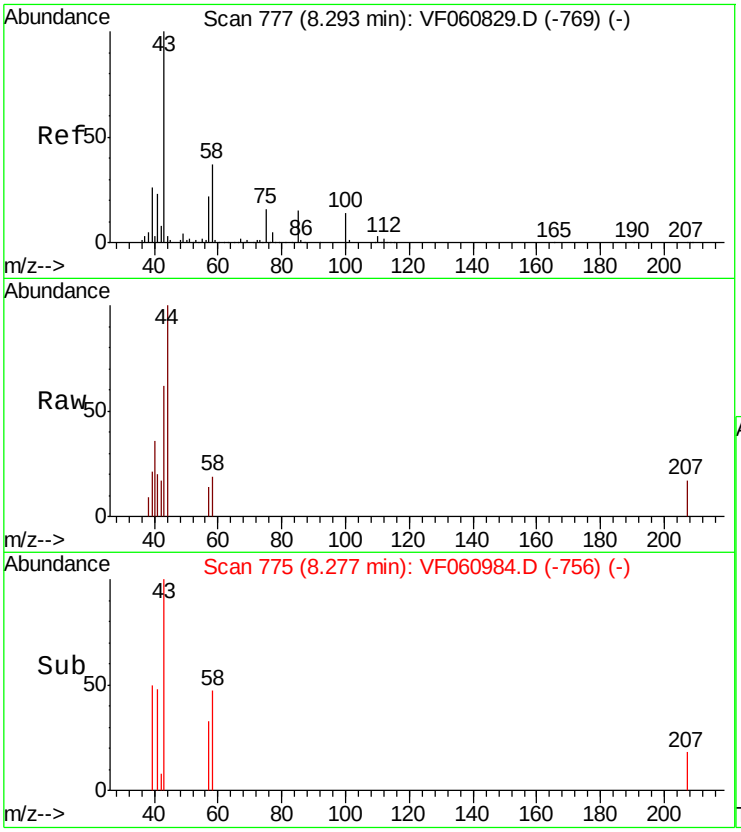


#50
Toluene-d8
Concen: 34.652 ug/l
RT: 7.56 min Scan# 702
Delta R.T. -0.04 min
Lab File: VF060984.D
Acq: 11 Dec 2018 18:56

Tgt Ion: 98 Resp: 289579

Ion	Ratio	Lower	Upper
98	100		
100	68.9	59.3	88.9



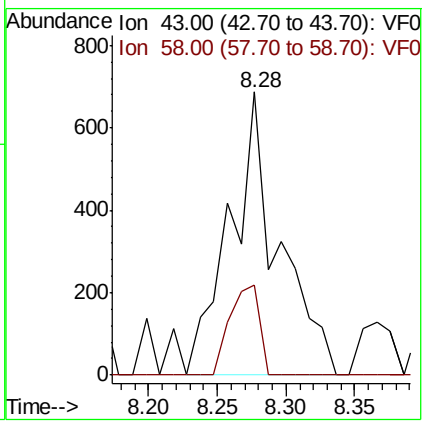


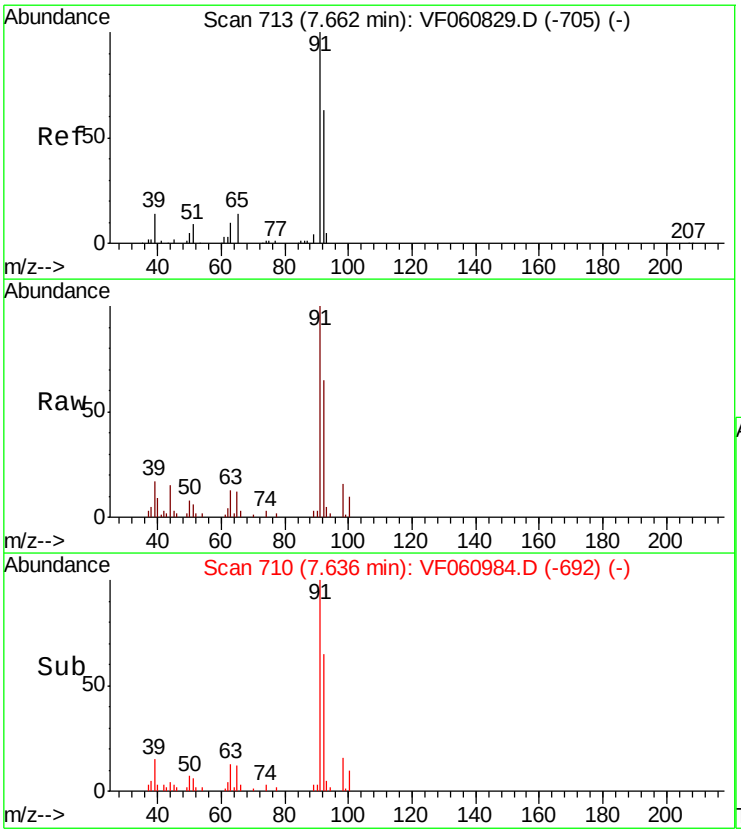
#51
4-Methyl-2-Pentanone
Concen: 1.128 ug/l
RT: 8.28 min Scan# 775
Delta R.T. -0.02 min
Lab File: VF060984.D
Acq: 11 Dec 2018 18:56

Instrument : MSVOA_F
ClientSampleId : OR-02-121018-B

Tgt Ion: 43 Resp: 1677

Ion	Ratio	Lower	Upper
43	100		
58	31.6	29.7	44.5

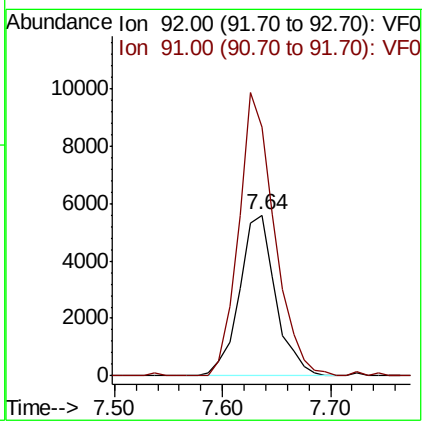


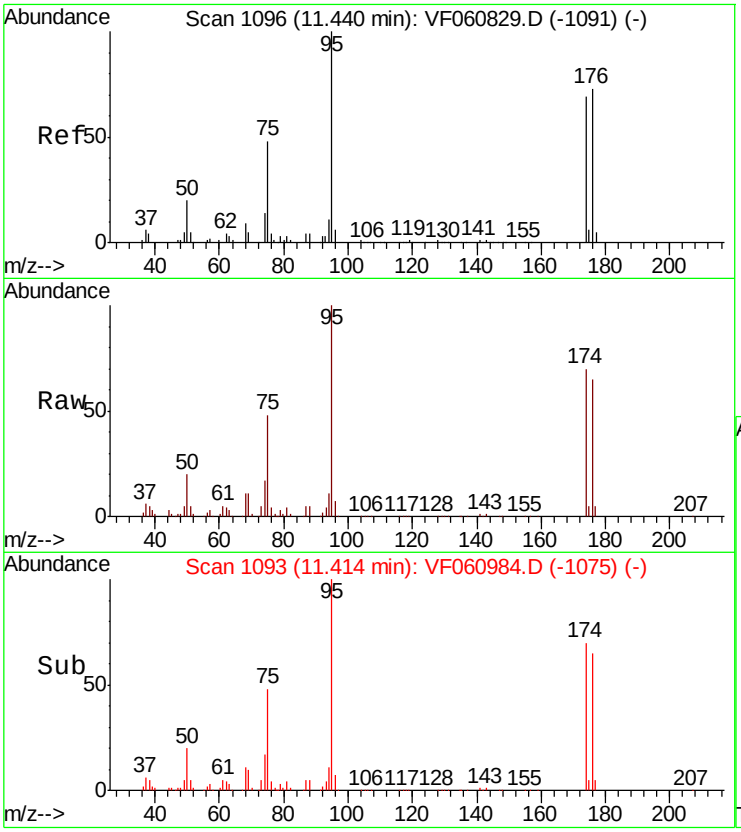


#52
Toluene
Concen: 2.105 ug/l
RT: 7.64 min Scan# 710
Delta R.T. -0.03 min
Lab File: VF060984.D
Acq: 11 Dec 2018 18:56

Tgt Ion: 92 Resp: 12956

Ion	Ratio	Lower	Upper
92	100		
91	154.6	126.2	189.2



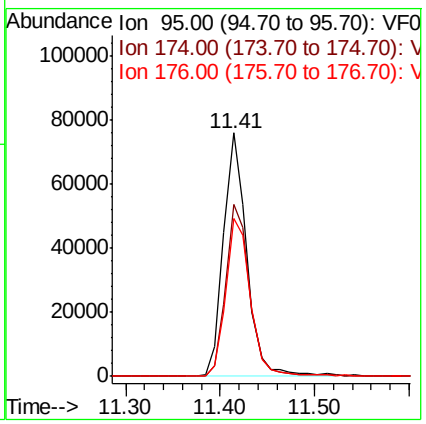


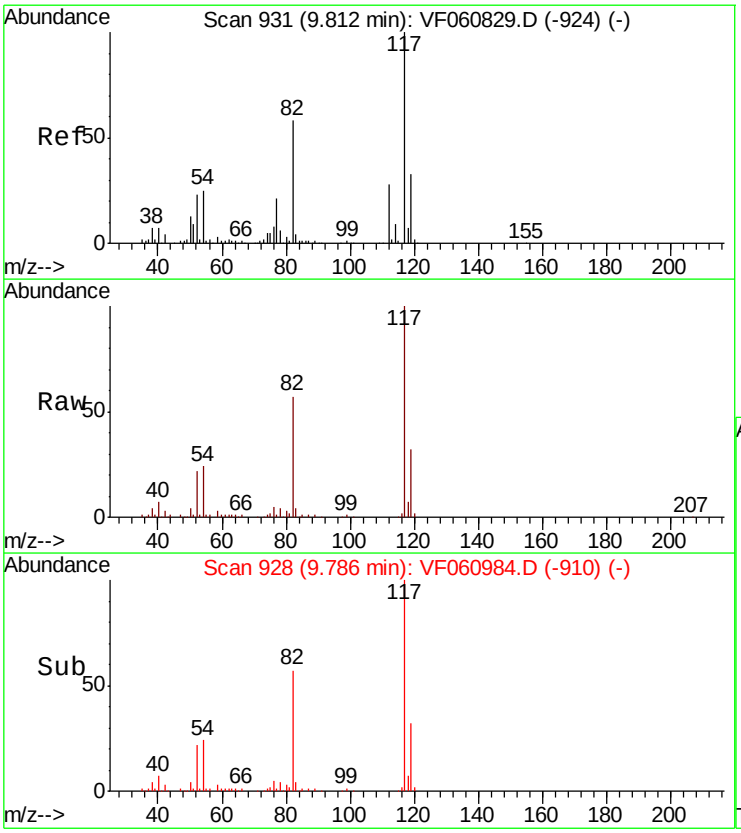
#62
4-Bromofluorobenzene
Concen: 34.194 ug/l
RT: 11.41 min Scan# 1093
Delta R.T. -0.03 min
Lab File: VF060984.D
Acq: 11 Dec 2018 18:56

Instrument : MSVOA_F
ClientSampleId : OR-02-121018-B

Tgt Ion: 95 Resp: 129871

Ion	Ratio	Lower	Upper
95	100		
174	70.4	0.0	138.2
176	64.6	0.0	146.2

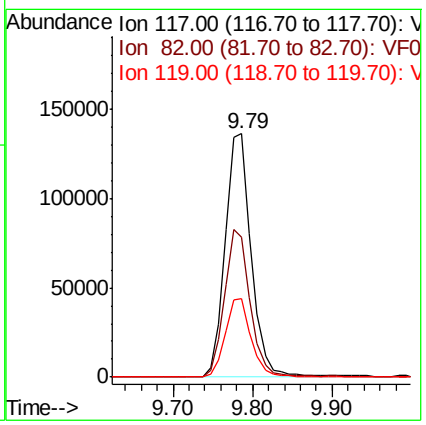


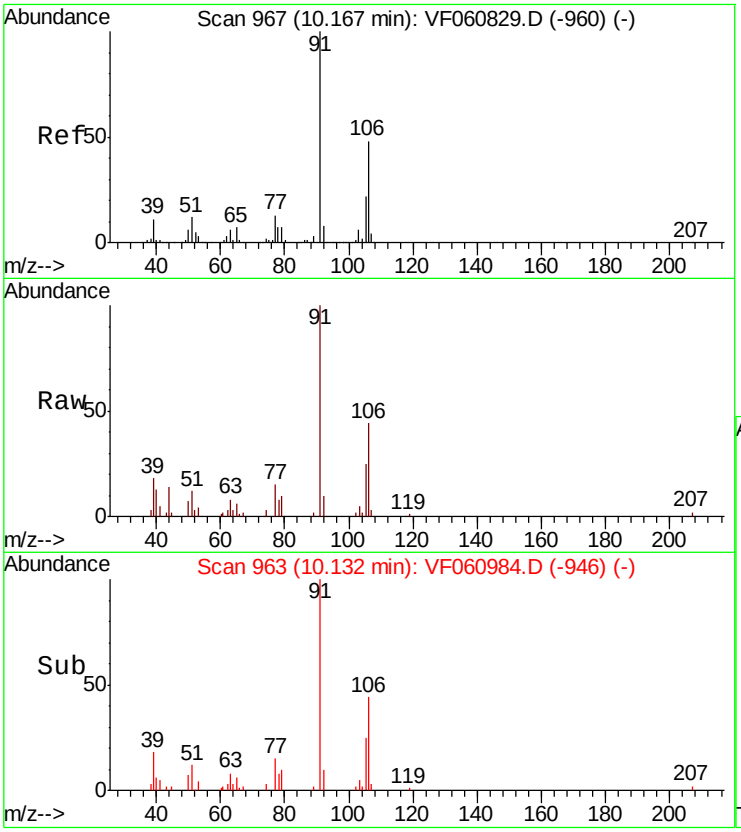


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.79 min Scan# 928
Delta R.T. -0.03 min
Lab File: VF060984.D
Acq: 11 Dec 2018 18:56

Tgt Ion:117 Resp: 315247

Ion	Ratio	Lower	Upper
117	100		
82	57.2	46.6	69.8
119	32.5	26.4	39.6



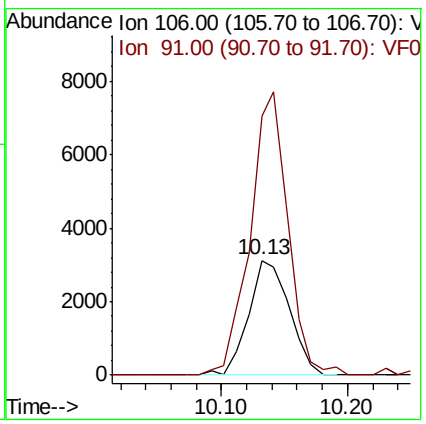


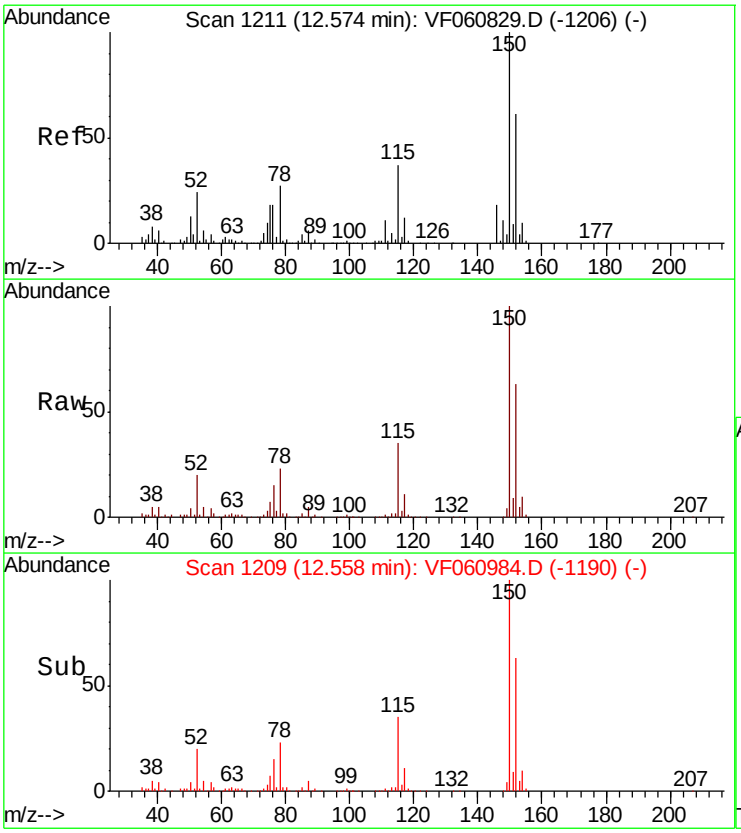
#68
m/p-Xylenes
Concen: 1.710 ug/l
RT: 10.13 min Scan# 963
Delta R.T. -0.04 min
Lab File: VF060984.D
Acq: 11 Dec 2018 18:56

Instrument : MSVOA_F
ClientSampleId : OR-02-121018-B

Tgt Ion:106 Resp: 7023

Ion	Ratio	Lower	Upper
106	100		
91	225.4	166.7	250.1

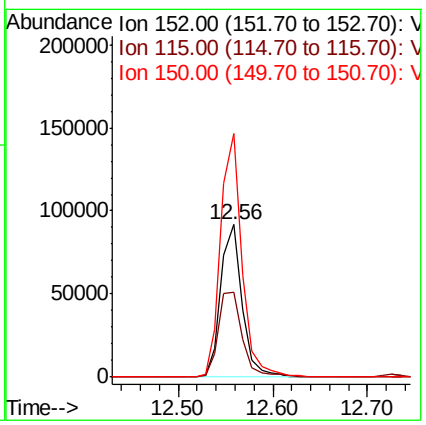


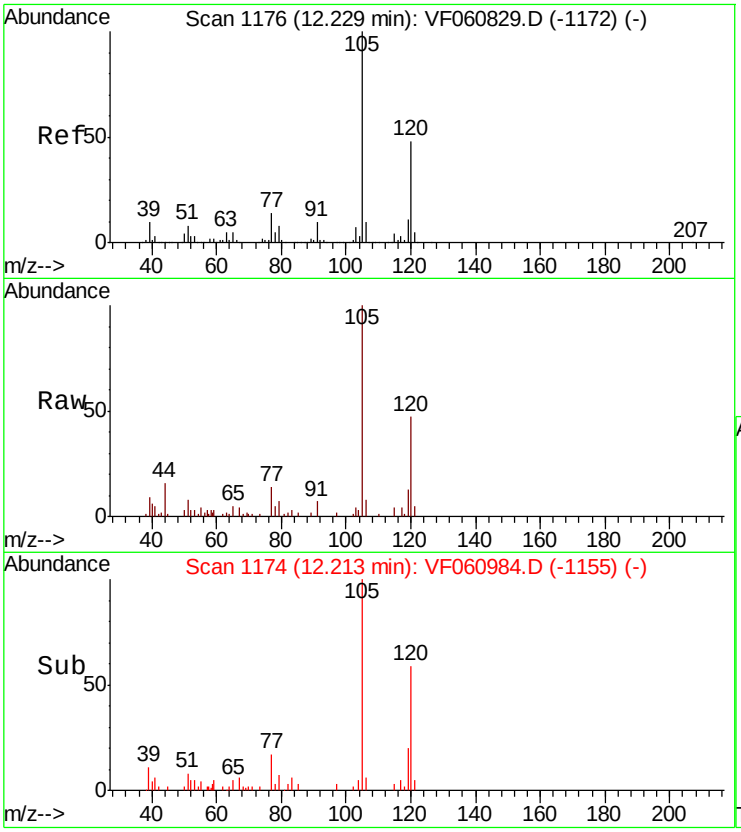


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.56 min Scan# 1209
Delta R.T. -0.02 min
Lab File: VF060984.D
Acq: 11 Dec 2018 18:56

Tgt Ion:152 Resp: 144114

Ion	Ratio	Lower	Upper
152	100		
115	55.4	30.1	90.5
150	160.0	0.0	327.6



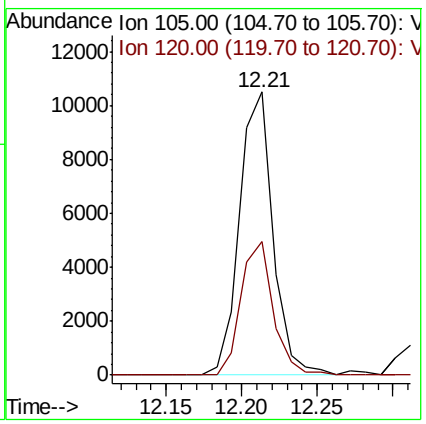


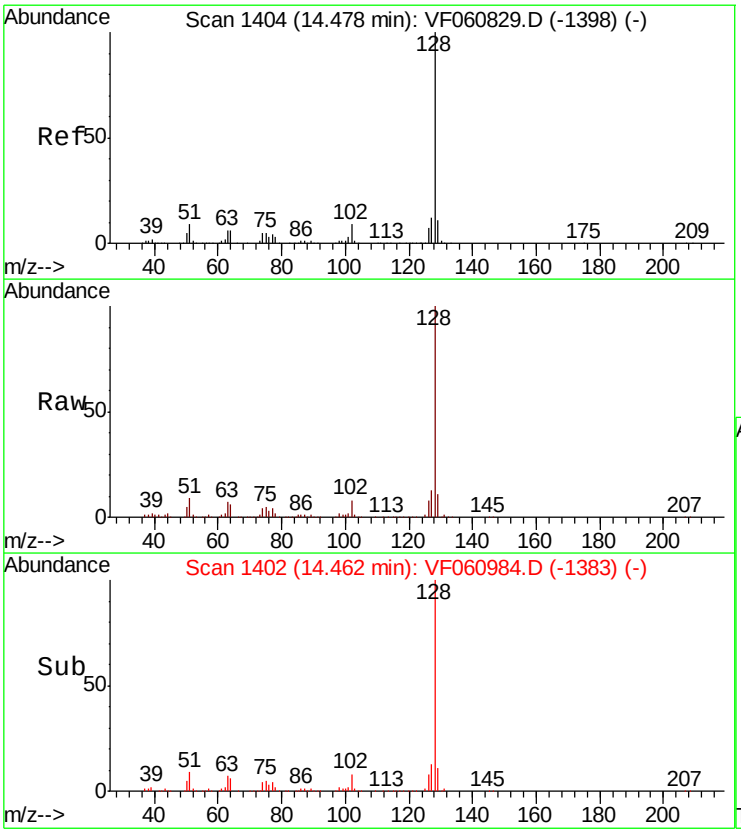
#84
1,2,4-Trimethylbenzene
Concen: 1.750 ug/l
RT: 12.21 min Scan# 1174
Delta R.T. -0.02 min
Lab File: VF060984.D
Acq: 11 Dec 2018 18:56

Instrument :
MSVOA_F
ClientSampleId :
OR-02-121018-B

Tgt Ion:105 Resp: 16152

Ion	Ratio	Lower	Upper
105	100		
120	47.2	23.8	71.5





#95
Naphthalene
Concen: 30.536 ug/l
RT: 14.46 min Scan# 1402
Delta R.T. -0.01 min
Lab File: VF060984.D
Acq: 11 Dec 2018 18:56

Tgt Ion:128 Resp: 194563

Ion	Ratio	Lower	Upper
128	100		
127	12.9	9.9	14.9
129	10.7	9.1	13.7