Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF100218\
Data File : VF060397.D
Acq On : 2 Oct 2018 12:46
Operator : VA/AP
Sample : VF1002SBL01
Misc : 5.00/5mL/MSVOA_F/SOIL
ALS Vial : 32 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId : VF1002SBL01

Quant Time: Oct 02 14:10:27 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F100118S.M
Quant Title : SW846 8260
QLast Update : Tue Oct 02 11:42:56 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.02	168	297885	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.75	114	500966	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.90	117	434127	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.63	152	245414	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.00	65	204991	43.98	ug/l	0.00
Spiked Amount 50.000			Recovery = 87.96%			
35) Dibromofluoromethane	4.28	113	223729	47.54	ug/l	0.02
Spiked Amount 50.000			Recovery = 95.08%			
50) Toluene-d8	7.69	98	565359	48.78	ug/l	0.00
Spiked Amount 50.000			Recovery = 97.56%			
62) 4-Bromofluorobenzene	11.49	95	248483	46.95	ug/l	0.00
Spiked Amount 50.000			Recovery = 93.90%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.00	85	1053	Below Cal	#	43
11) Tert butyl alcohol	2.68	59	2445	8.672	ug/l #	1
13) Acrolein	2.08	56	510	2.249	ug/l #	31
15) Acrylonitrile	3.07	53	1691	3.500	ug/l #	48
16) Acetone	2.33	43	10645	Below Cal		94
18) Methyl Acetate	2.47	43	1913	Below Cal		96
20) Methylene Chloride	2.28	84	5880	Below Cal	#	80
25) 2-Butanone	4.49	43	3523	2.919	ug/l #	60
29) Tetrahydrofuran	4.25	42	981	Below Cal	#	62
49) 1,4-Dioxane	6.84	88	65	3.674	ug/l #	1
51) 4-Methyl-2-Pentanone	8.39	43	9993	4.911	ug/l	98
58) 2-Chloroethyl Vinyl ether	7.76	63	395	1.289	ug/l	100
59) 2-Hexanone	9.62	43	17452	11.694	ug/l	90
74) N-amyl acetate	11.45	43	6017	1.357	ug/l #	82

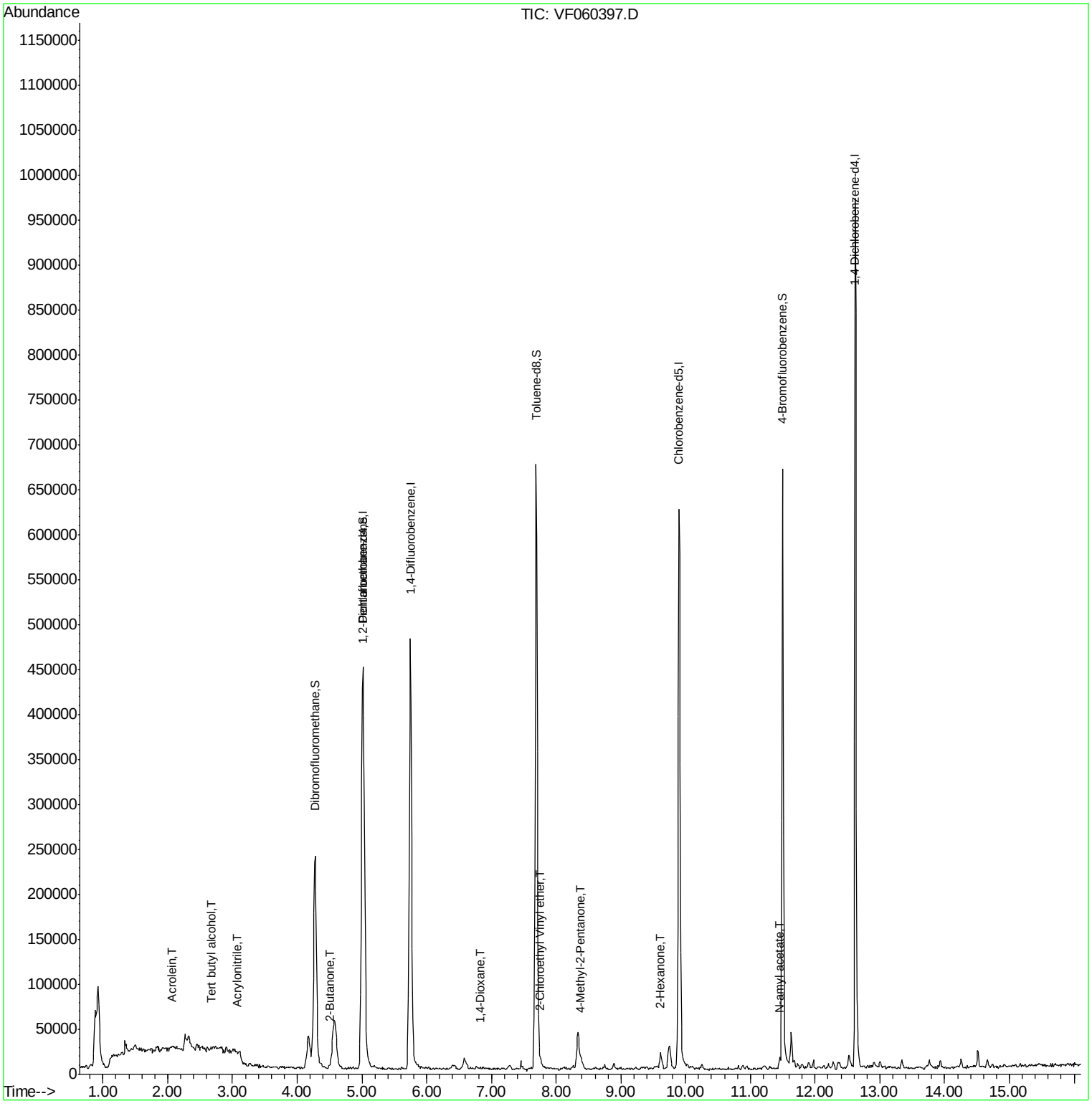
(#) = qualifier out of range (m) = manual integration (+) = signals summed

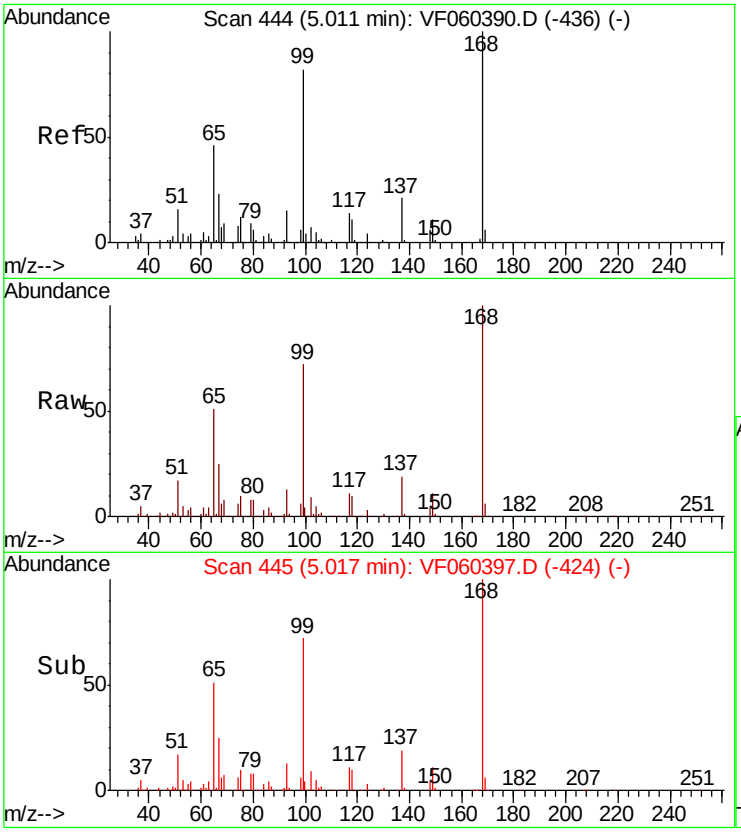
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF100218\
Data File : VF060397.D
Acq On : 2 Oct 2018 12:46
Operator : VA/AP
Sample : VF1002SBL01
Misc : 5.00/5mL/MSVOA_F/SOIL
ALS Vial : 32 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId : VF1002SBL01

Quant Time: Oct 02 14:10:27 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F100118S.M
Quant Title : SW846 8260
QLast Update : Tue Oct 02 11:42:56 2018
Response via : Initial Calibration



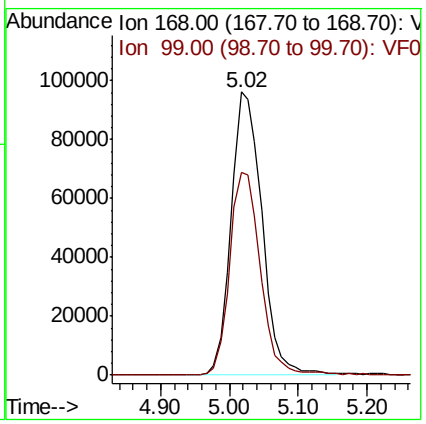


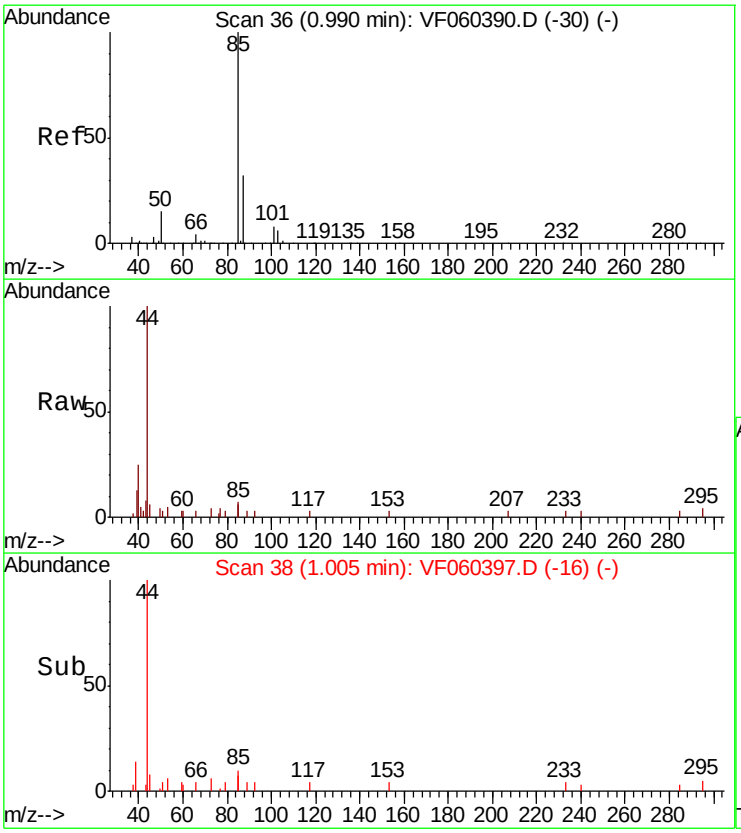
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.02 min Scan# 445
Delta R.T. 0.01 min
Lab File: VF060397.D
Acq: 2 Oct 2018 12:46

Instrument :
MSVOA_F
ClientSampleId :
VF1002SBL01

Tgt Ion:168 Resp: 297885

Ion	Ratio	Lower	Upper
168	100		
99	71.8	65.3	97.9

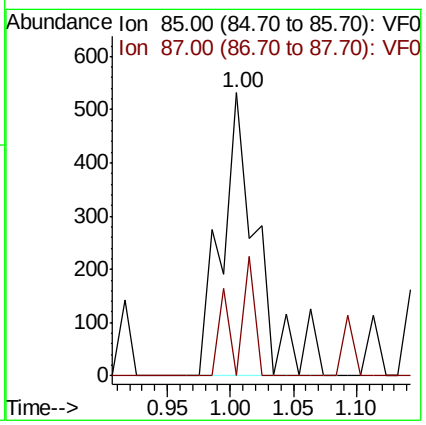


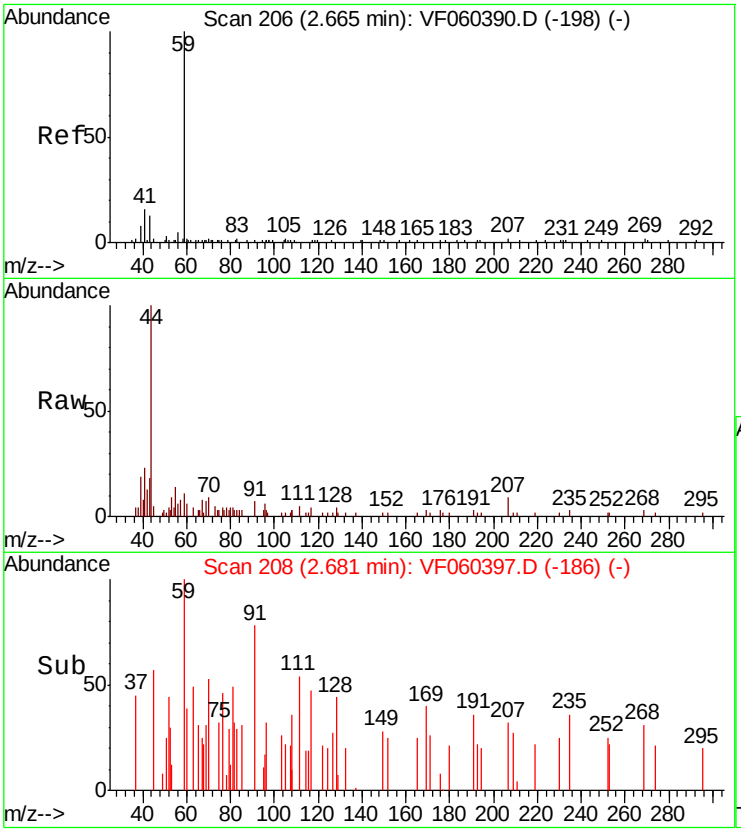


#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.00 min Scan# 38
Delta R.T. 0.02 min
Lab File: VF060397.D
Acq: 2 Oct 2018 12:46

Tgt Ion: 85 Resp: 1053

Ion	Ratio	Lower	Upper
85	100		
87	0.0	15.9	47.6#



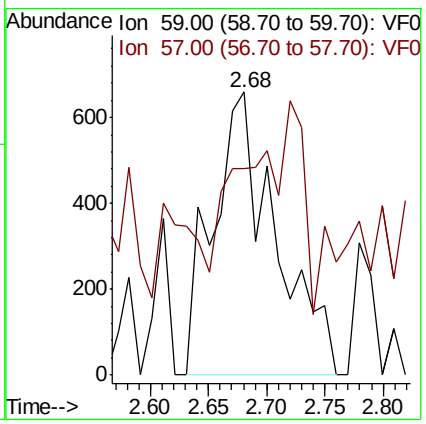


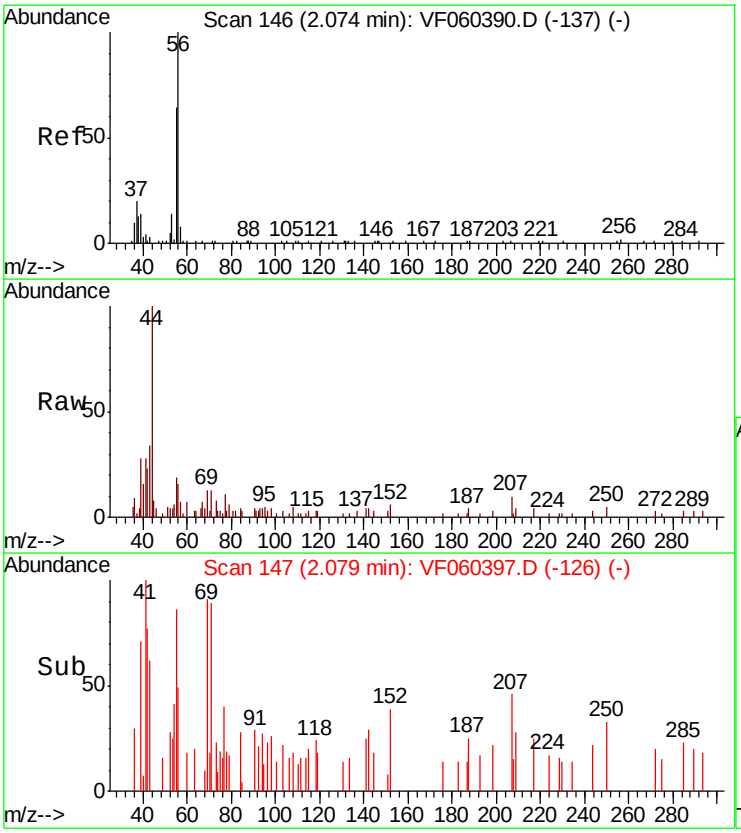
#11
Tert butyl alcohol
Concen: 8.672 ug/l
RT: 2.68 min Scan# 208
Delta R.T. 0.02 min
Lab File: VF060397.D
Acq: 2 Oct 2018 12:46

Instrument : MSVOA_F
ClientSampleId : VF1002SBL01

Tgt Ion: 59 Resp: 2445

Ion	Ratio	Lower	Upper
59	100		
57	73.1	6.5	9.7#

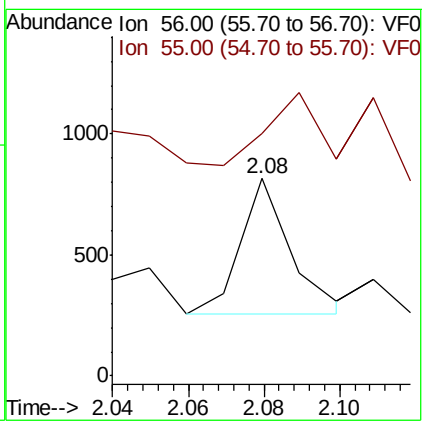


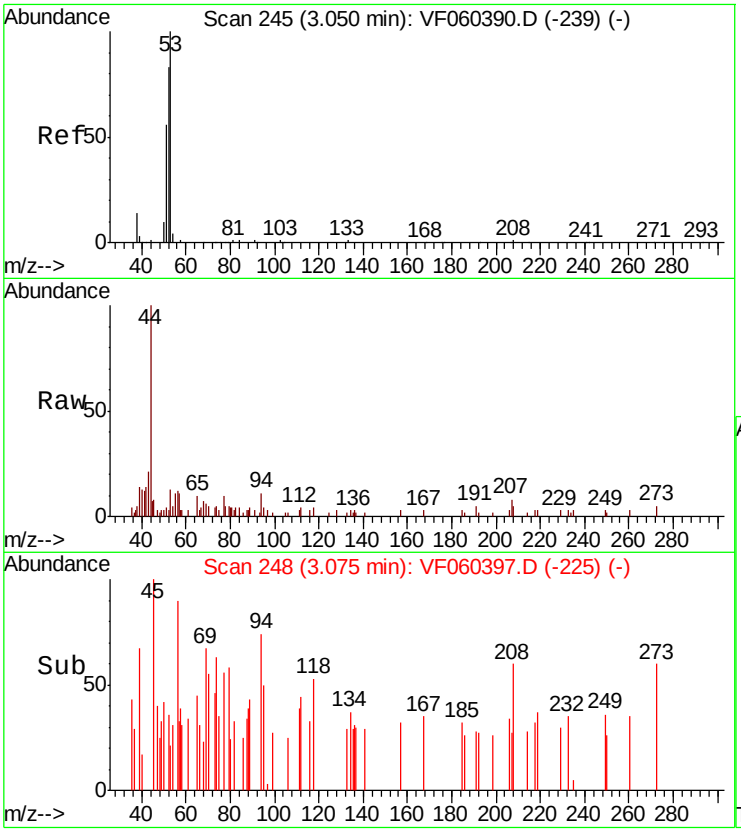


#13
Acrolein
Concen: 2.249 ug/l
RT: 2.08 min Scan# 147
Delta R.T. 0.01 min
Lab File: VF060397.D
Acq: 2 Oct 2018 12:46

Tgt Ion: 56 Resp: 510

Ion	Ratio	Lower	Upper
56	100		
55	122.5	53.9	80.9#



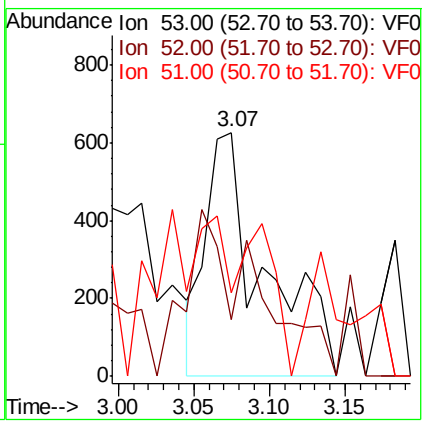


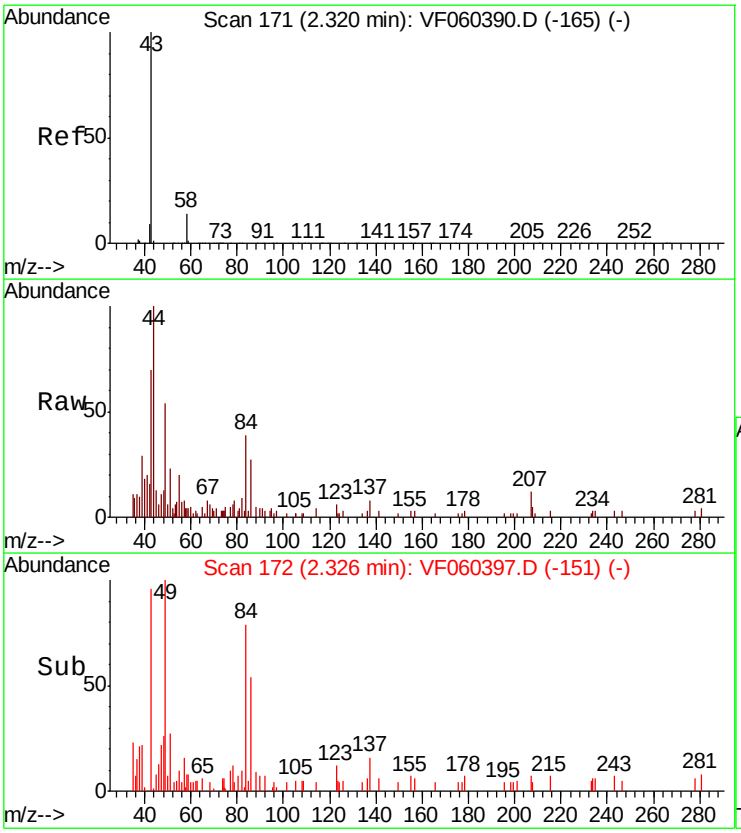
#15
Acrylonitrile
Concen: 3.500 ug/l
RT: 3.07 min Scan# 248
Delta R.T. 0.03 min
Lab File: VF060397.D
Acq: 2 Oct 2018 12:46

Instrument : MSVOA_F
ClientSampleId : VF1002SBL01

Tgt Ion: 53 Resp: 1691

Ion	Ratio	Lower	Upper
53	100		
52	23.3	66.0	99.0#
51	34.2	45.6	68.4#

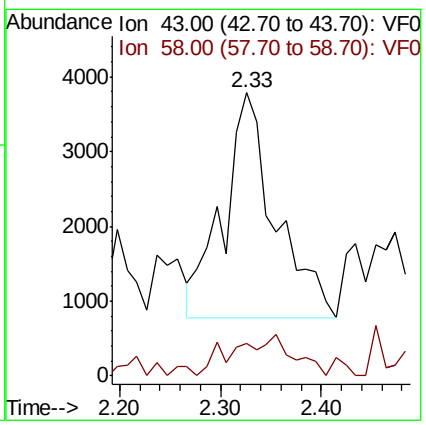


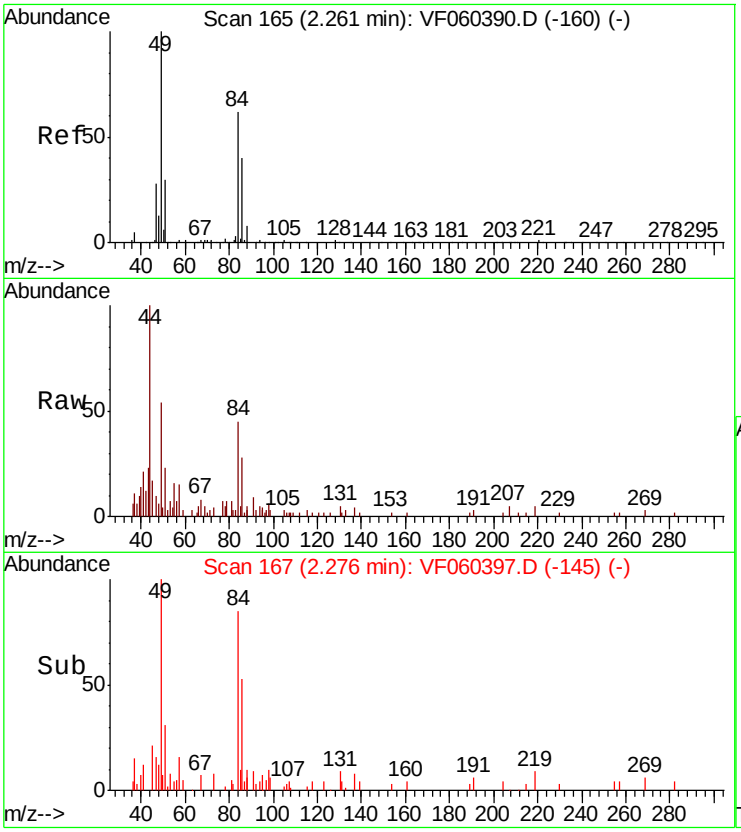


#16
Acetone
Concen: Below Cal
RT: 2.33 min Scan# 172
Delta R.T. 0.01 min
Lab File: VF060397.D
Acq: 2 Oct 2018 12:46

Tgt Ion: 43 Resp: 10645

Ion	Ratio	Lower	Upper
43	100		
58	11.6	11.2	16.8



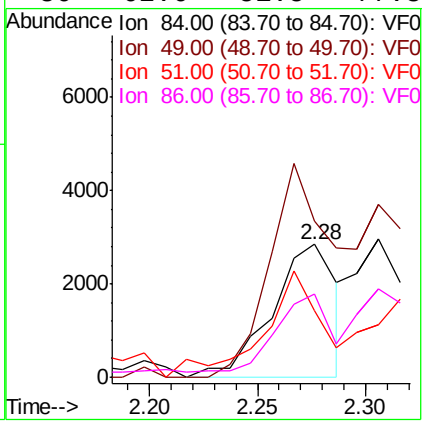


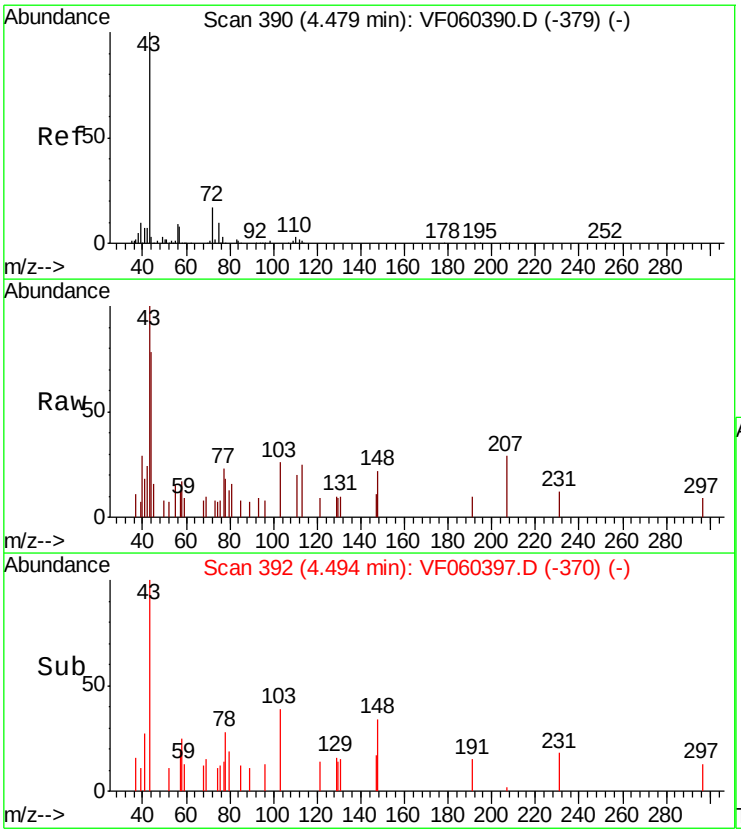
#20
Methylene Chloride
Concen: Below Cal
RT: 2.28 min Scan# 167
Delta R.T. 0.02 min
Lab File: VF060397.D
Acq: 2 Oct 2018 12:46

Instrument : MSVOA_F
ClientSampleId : VF1002SBL01

Tgt Ion: 84 Resp: 5880

Ion	Ratio	Lower	Upper
84	100		
49	118.0	130.2	195.2#
51	50.2	41.0	61.6
86	62.6	51.5	77.3

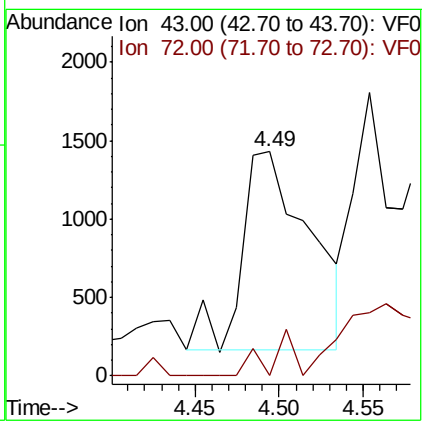


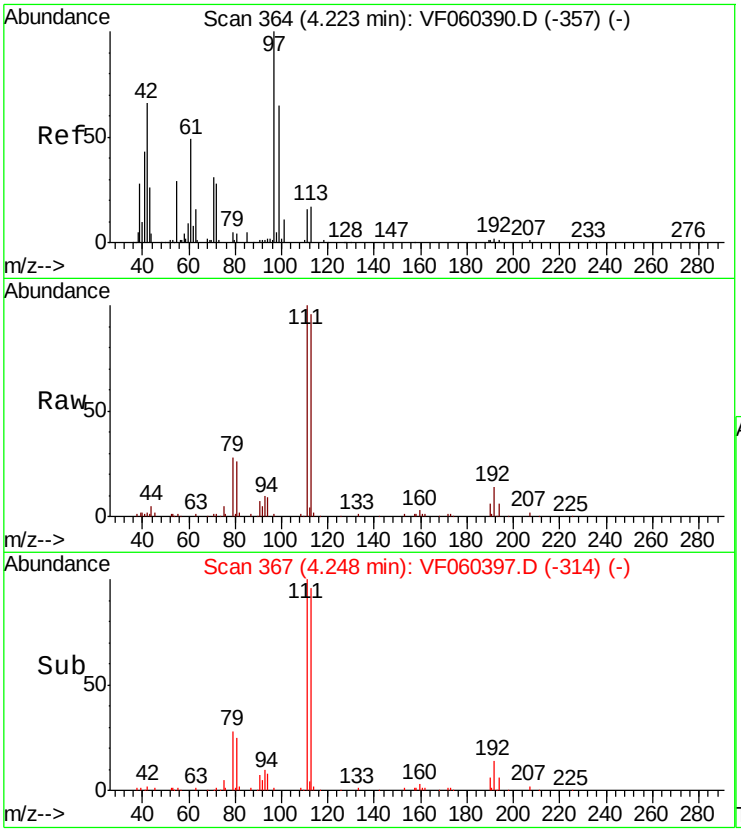


#25
2-Butanone
Concen: 2.919 ug/l
RT: 4.49 min Scan# 392
Delta R.T. 0.02 min
Lab File: VF060397.D
Acq: 2 Oct 2018 12:46

Tgt Ion: 43 Resp: 3523

Ion	Ratio	Lower	Upper
43	100		
72	0.0	14.1	21.1#



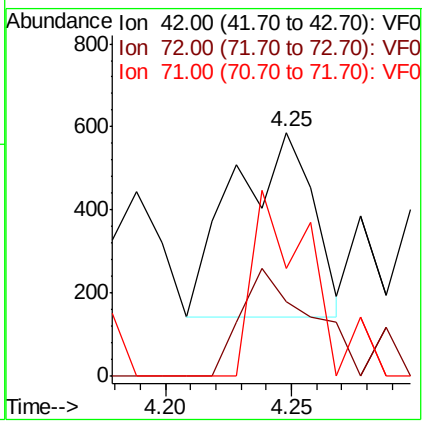


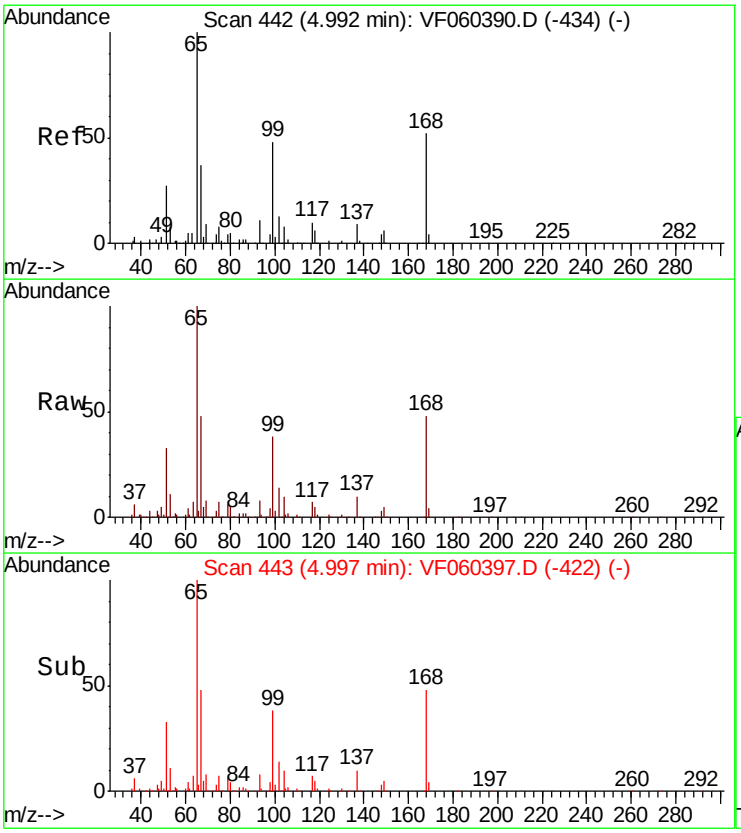
#29
Tetrahydrofuran
Concen: Below Cal
RT: 4.25 min Scan# 367
Delta R.T. 0.03 min
Lab File: VF060397.D
Acq: 2 Oct 2018 12:46

Instrument : MSVOA_F
ClientSampleId : VF1002SBL01

Tgt Ion: 42 Resp: 981

Ion	Ratio	Lower	Upper
42	100		
72	57.8	33.6	50.4#
71	73.5	32.7	49.1#

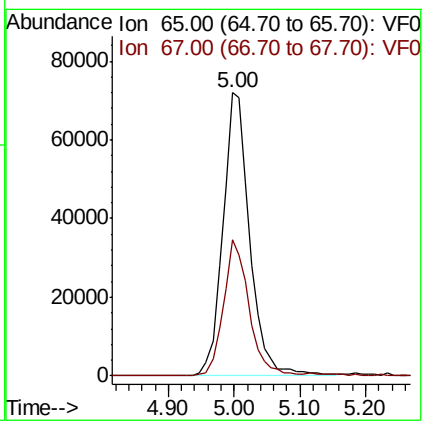


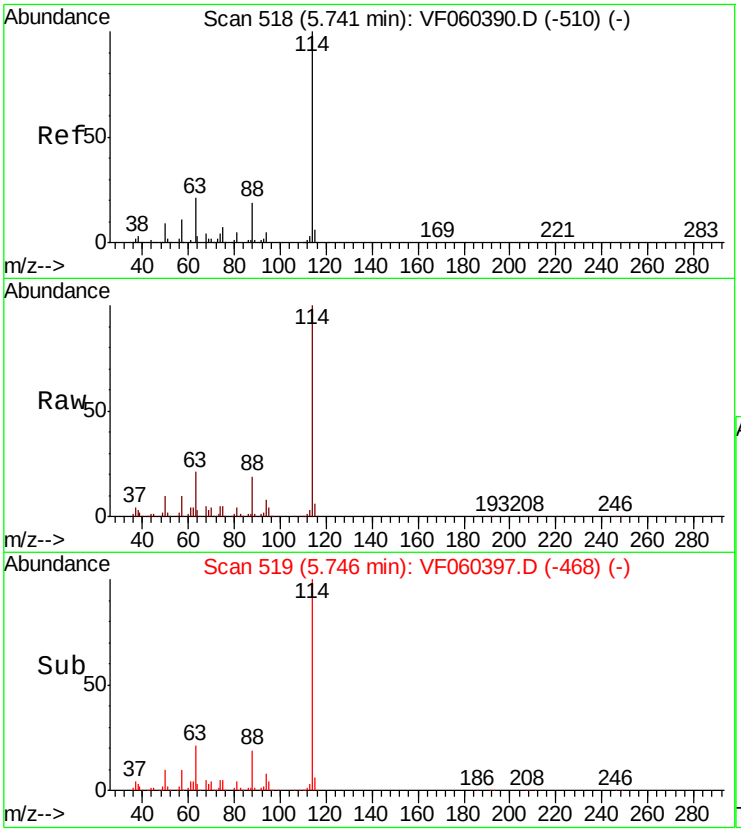


#33
1,2-Dichloroethane-d4
Concen: 43.978 ug/l
RT: 5.00 min Scan# 443
Delta R.T. 0.01 min
Lab File: VF060397.D
Acq: 2 Oct 2018 12:46

Tgt Ion: 65 Resp: 204991

Ion	Ratio	Lower	Upper
65	100		
67	48.3	0.0	89.4



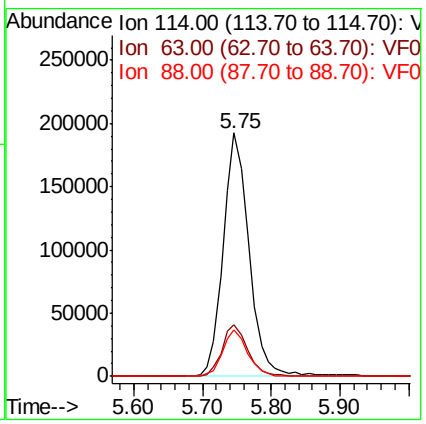


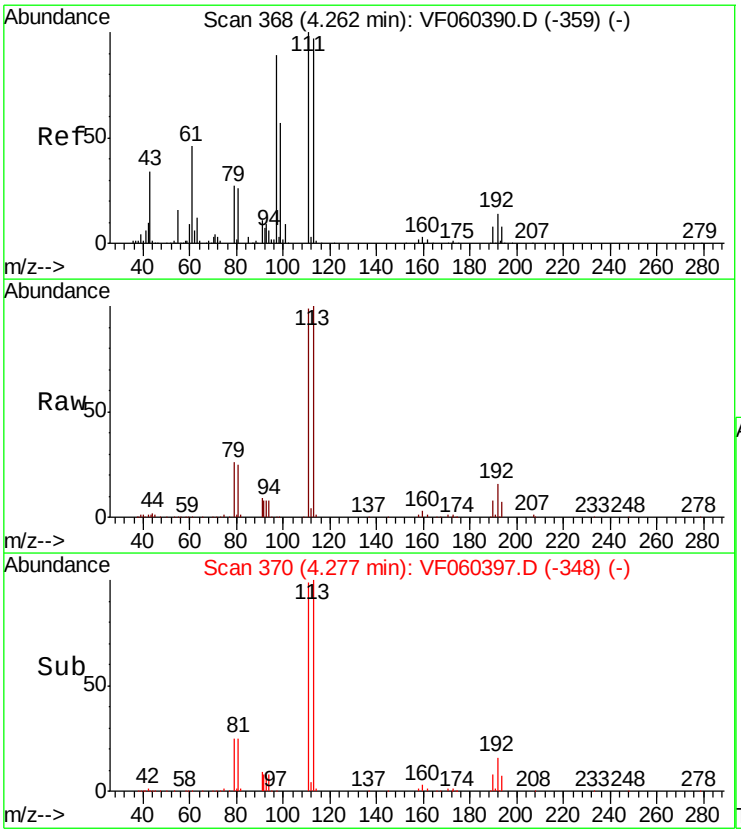
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.75 min Scan# 519
Delta R.T. 0.01 min
Lab File: VF060397.D
Acq: 2 Oct 2018 12:46

Instrument :
MSVOA_F
ClientSampleId :
VF1002SBL01

Tgt Ion:114 Resp: 500966

Ion	Ratio	Lower	Upper
114	100		
63	21.4	0.0	42.2
88	19.2	0.0	38.8

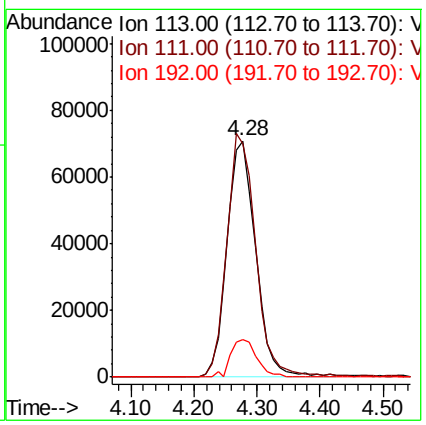


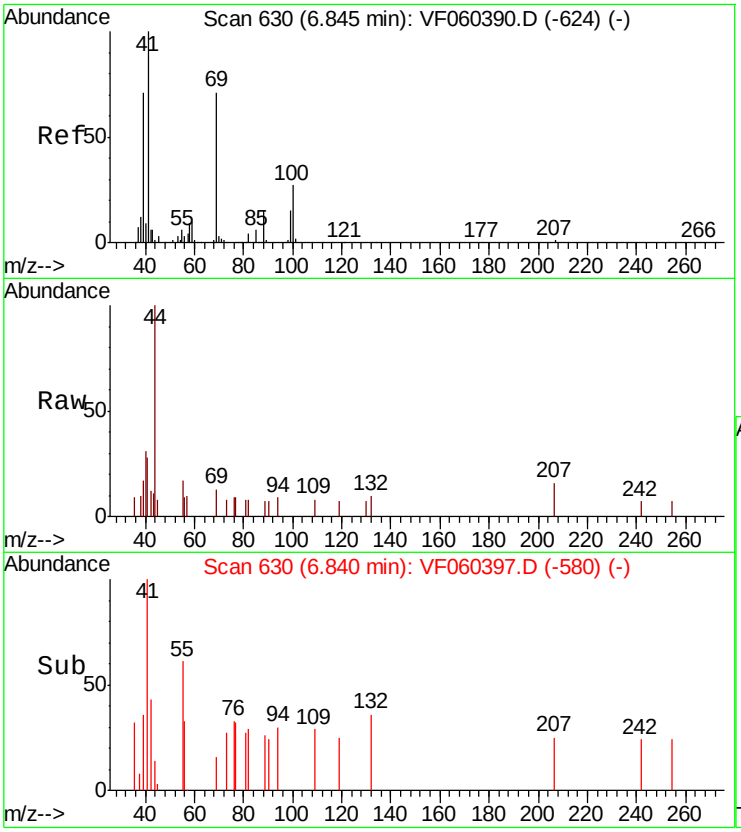


#35
Dibromofluoromethane
Concen: 47.539 ug/l
RT: 4.28 min Scan# 370
Delta R.T. 0.02 min
Lab File: VF060397.D
Acq: 2 Oct 2018 12:46

Tgt Ion:113 Resp: 223729

Ion	Ratio	Lower	Upper
113	100		
111	98.9	82.3	123.5
192	16.0	11.8	17.6



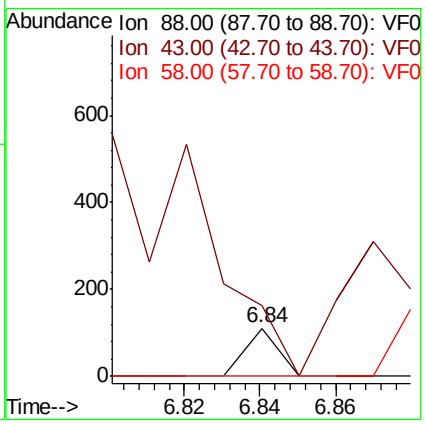


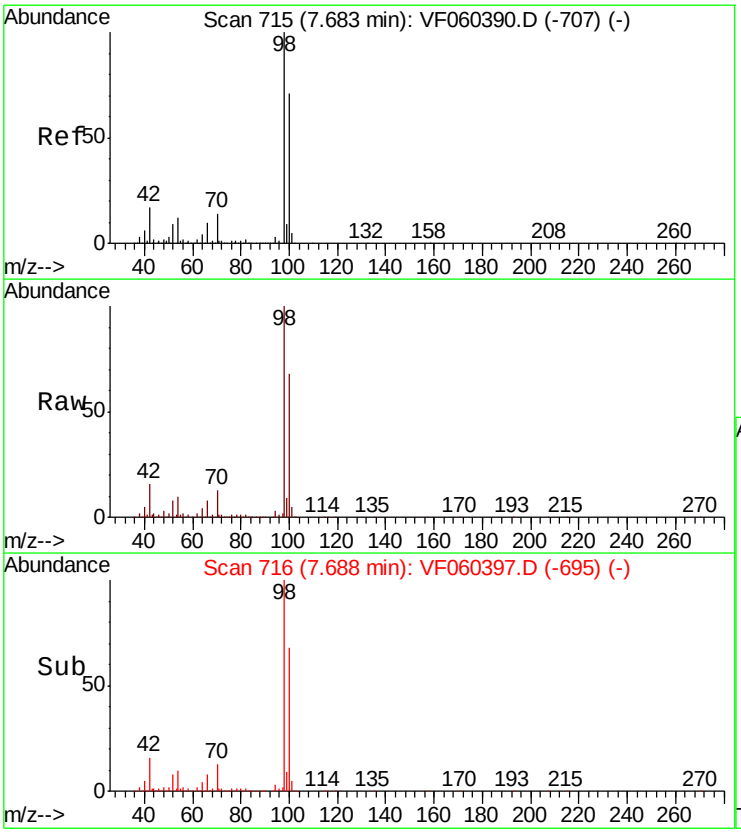
#49
1,4-Dioxane
Concen: 3.674 ug/l
RT: 6.84 min Scan# 630
Delta R.T. -0.00 min
Lab File: VF060397.D
Acq: 2 Oct 2018 12:46

Instrument :
MSVOA_F
ClientSampleId :
VF1002SBL01

Tgt Ion: 88 Resp: 65

Ion	Ratio	Lower	Upper
88	100		
43	149.1	38.3	57.5#
58	0.0	47.4	71.2#

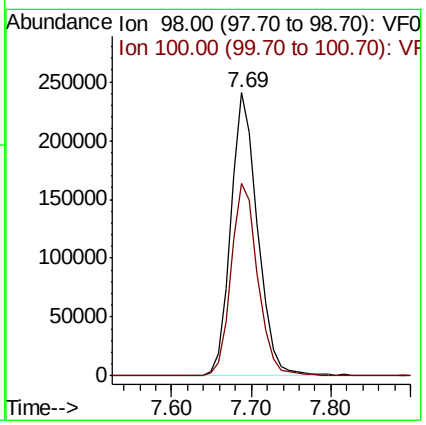


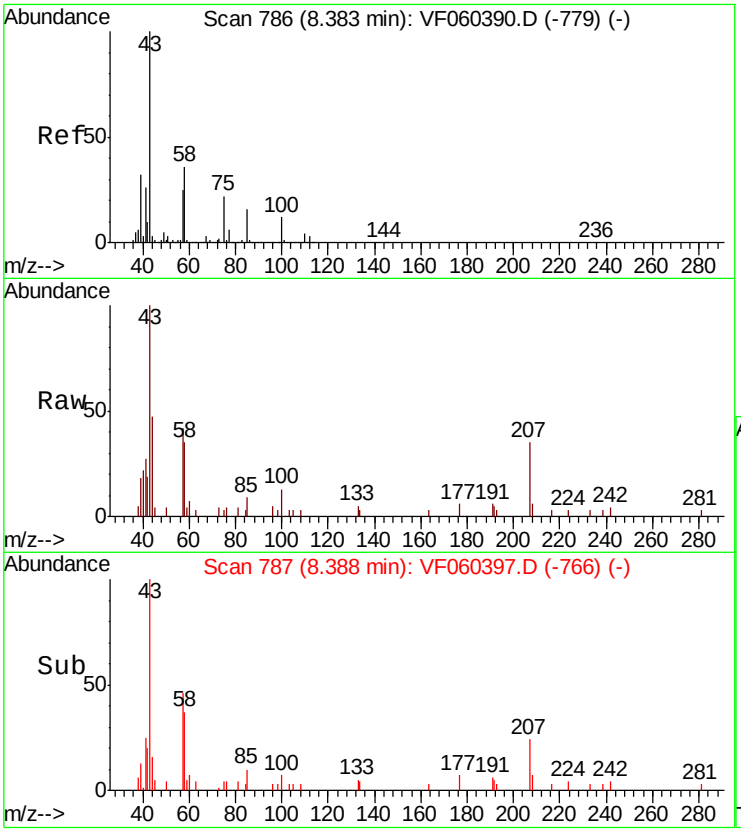


#50
Toluene-d8
Concen: 48.777 ug/l
RT: 7.69 min Scan# 716
Delta R.T. 0.01 min
Lab File: VF060397.D
Acq: 2 Oct 2018 12:46

Tgt Ion: 98 Resp: 565359

Ion	Ratio	Lower	Upper
98	100		
100	67.9	56.5	84.7



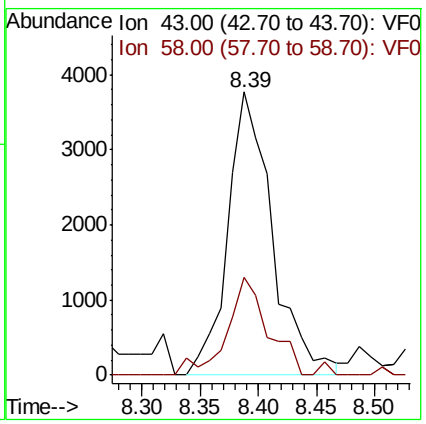


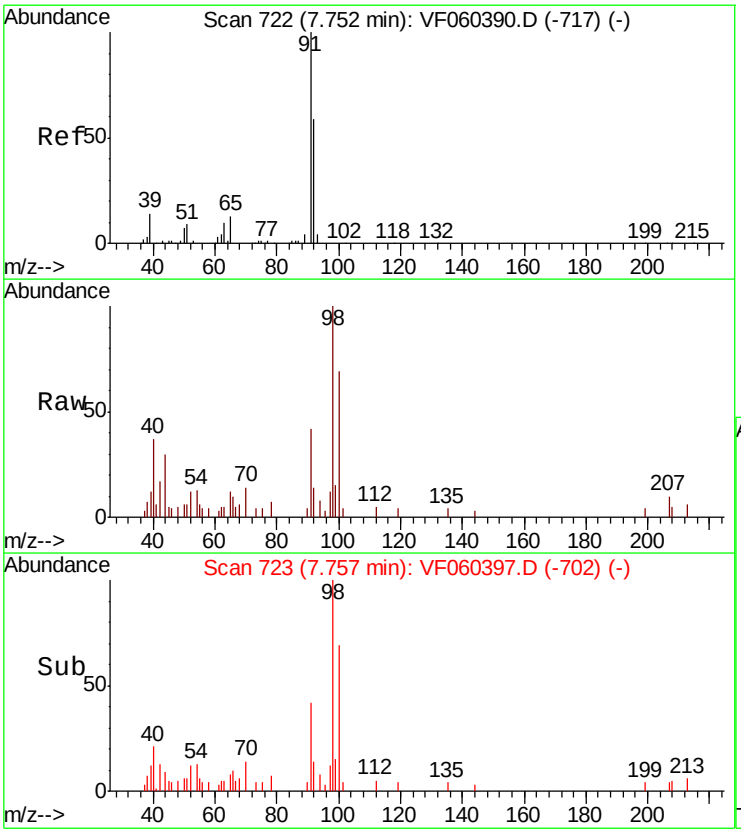
#51
4-Methyl-2-Pentanone
Concen: 4.911 ug/l
RT: 8.39 min Scan# 787
Delta R.T. 0.01 min
Lab File: VF060397.D
Acq: 2 Oct 2018 12:46

Instrument : MSVOA_F
ClientSampleId : VF1002SBL01

Tgt Ion: 43 Resp: 9993

Ion	Ratio	Lower	Upper
43	100		
58	34.6	28.5	42.7

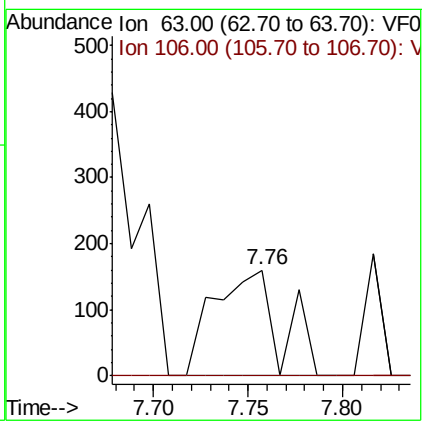


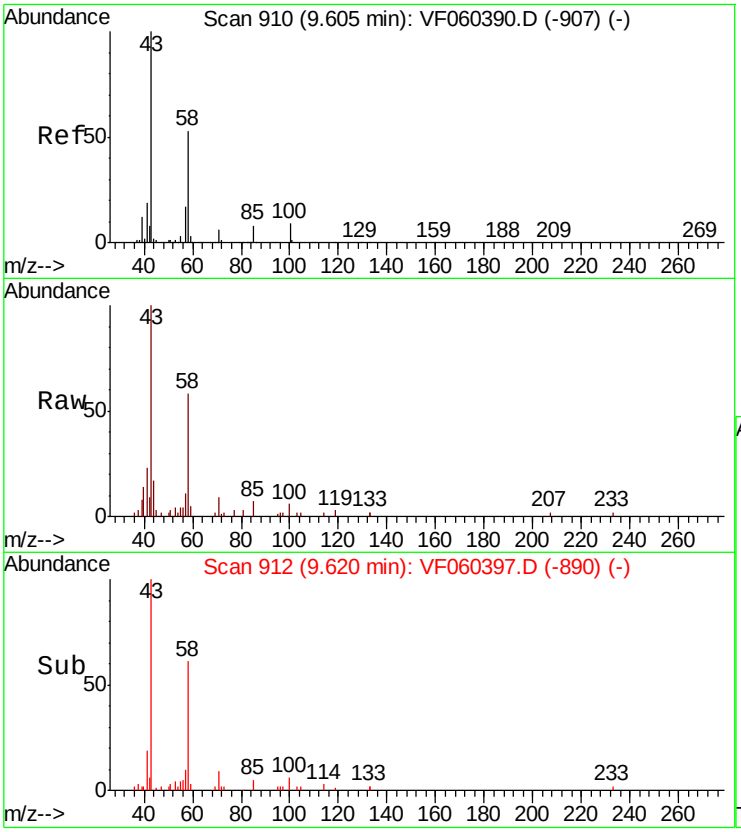


#58
2-Chloroethyl Vinyl ether
Concen: 1.289 ug/l
RT: 7.76 min Scan# 723
Delta R.T. 0.01 min
Lab File: VF060397.D
Acq: 2 Oct 2018 12:46

Tgt Ion: 63 Resp: 395

Ion	Ratio	Lower	Upper
63	100		
106	0.0	0.0	0.0



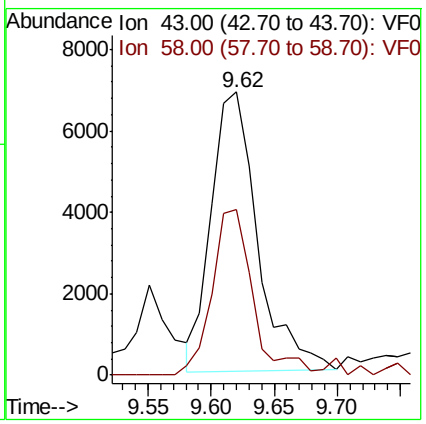


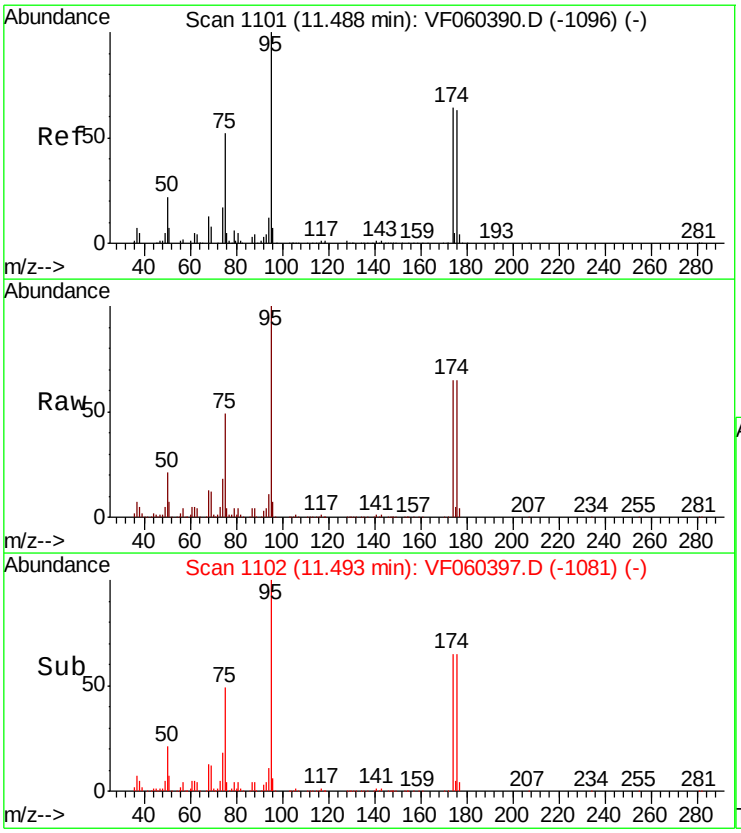
#59
2-Hexanone
Concen: 11.694 ug/l
RT: 9.62 min Scan# 912
Delta R.T. 0.02 min
Lab File: VF060397.D
Acq: 2 Oct 2018 12:46

Instrument :
MSVOA_F
ClientSampleId :
VF1002SBL01

Tgt Ion: 43 Resp: 17452

Ion	Ratio	Lower	Upper
43	100		
58	58.3	25.6	76.6

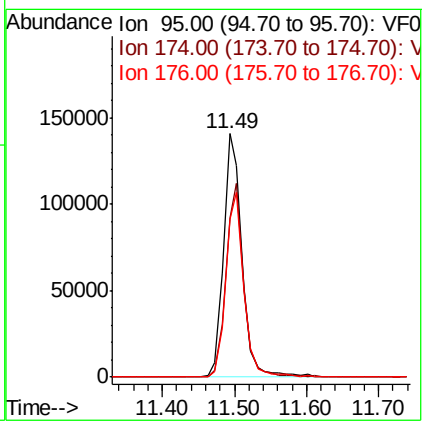


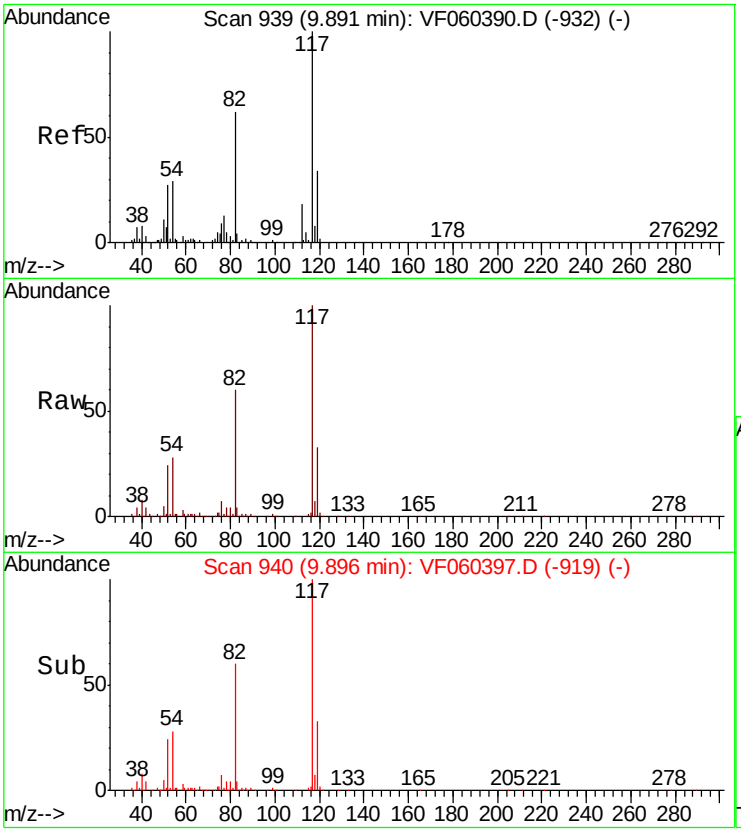


#62
4-Bromofluorobenzene
Concen: 46.953 ug/l
RT: 11.49 min Scan# 1102
Delta R.T. 0.01 min
Lab File: VF060397.D
Acq: 2 Oct 2018 12:46

Tgt Ion: 95 Resp: 248483

Ion	Ratio	Lower	Upper
95	100		
174	65.3	0.0	129.0
176	65.1	0.0	125.6



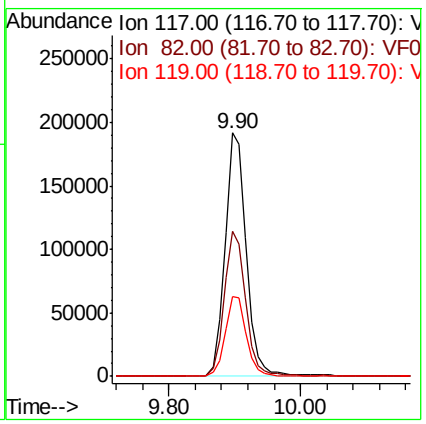


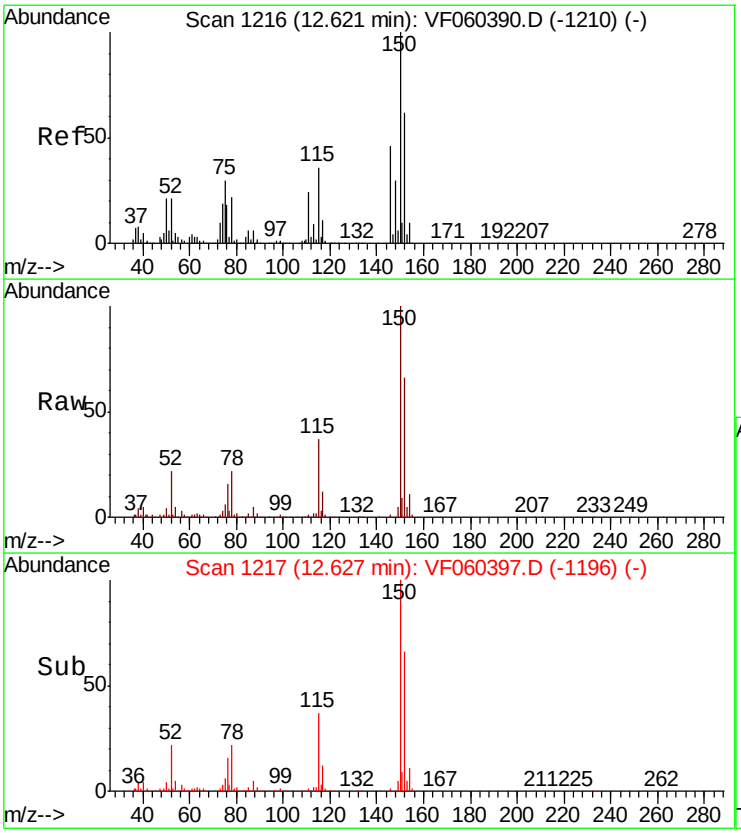
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.90 min Scan# 940
Delta R.T. 0.01 min
Lab File: VF060397.D
Acq: 2 Oct 2018 12:46

Instrument : MSVOA_F
ClientSampleId : VF1002SBL01

Tgt Ion:117 Resp: 434127

Ion	Ratio	Lower	Upper
117	100		
82	59.5	49.5	74.3
119	32.5	27.0	40.6

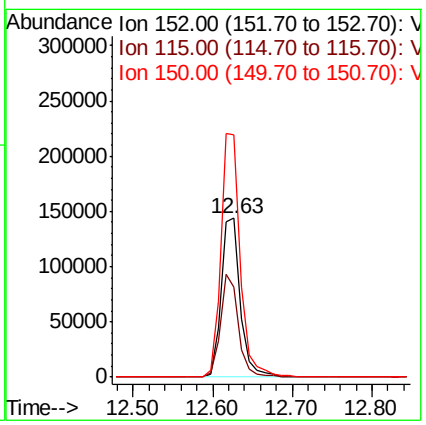


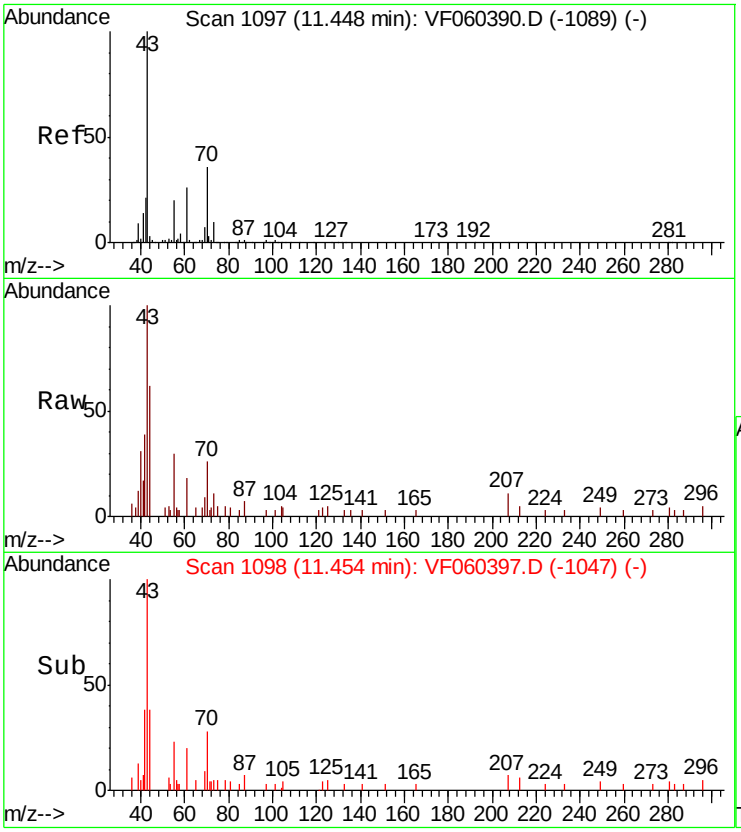


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.63 min Scan# 1217
Delta R.T. 0.01 min
Lab File: VF060397.D
Acq: 2 Oct 2018 12:46

Tgt Ion:152 Resp: 245414

Ion	Ratio	Lower	Upper
152	100		
115	56.9	28.6	85.8
150	152.4	0.0	324.6





#74
N-amyl acetate
Concen: 1.357 ug/l
RT: 11.45 min Scan# 1098
Delta R.T. 0.01 min
Lab File: VF060397.D
Acq: 2 Oct 2018 12:46

Instrument :
MSVOA_F
ClientSampleId :
VF1002SBL01

Tgt Ion: 43 Resp: 6017

Ion	Ratio	Lower	Upper
43	100		
70	25.8	29.1	43.7#
55	29.9	16.3	24.5#
61	18.0	21.0	31.4#