Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF111418\
Data File : VF060721.D
Acq On : 14 Nov 2018 13:00
Operator : VA/AP
Sample : VF1114SBL01
Misc : 5.00g/5mL/MSVOA-F/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId : VF1114SBL01

Quant Time: Nov 15 06:36:08 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F111318S.M
Quant Title : SW846 8260
QLast Update : Wed Nov 14 03:11:14 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.85	168	220427	50.00	ug/l	-0.04
34) 1,4-Difluorobenzene	5.58	114	378909	50.00	ug/l	-0.04
63) Chlorobenzene-d5	9.76	117	350522	50.00	ug/l	-0.03
72) 1,4-Dichlorobenzene-d4	12.54	152	212007	50.00	ug/l	-0.02
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.83	65	119542	47.55	ug/l	-0.03
Spiked Amount 50.000			Recovery = 95.10%			
35) Dibromofluoromethane	4.09	113	151003	53.02	ug/l	-0.04
Spiked Amount 50.000			Recovery = 106.04%			
50) Toluene-d8	7.53	98	367967	50.37	ug/l	-0.04
Spiked Amount 50.000			Recovery = 100.74%			
62) 4-Bromofluorobenzene	11.40	95	192832	57.85	ug/l	-0.02
Spiked Amount 50.000			Recovery = 115.70%			
Target Compounds						Qvalue
11) Tert butyl alcohol	2.55	59	585	5.113	ug/l #	1
13) Acrolein	1.98	56	330	3.154	ug/l	92
15) Acrylonitrile	2.92	53	318	1.304	ug/l #	67
16) Acetone	2.06	43	910	1.693	ug/l	94
18) Methyl Acetate	2.33	43	2879	3.263	ug/l #	93
20) Methylene Chloride	2.17	84	4758	Below Cal	#	80
25) 2-Butanone	4.32	43	2407	2.723	ug/l	99
41) Methacrylonitrile	4.79	41	387	Below Cal	#	1
43) Isopropyl Acetate	6.96	43	2953	1.363	ug/l #	48
49) 1,4-Dioxane	6.63	88	60	4.475	ug/l #	1
51) 4-Methyl-2-Pentanone	8.25	43	6646	4.242	ug/l #	87
59) 2-Hexanone	9.48	43	9527	8.653	ug/l	96
74) N-amyl acetate	11.37	43	4554	1.172	ug/l #	92

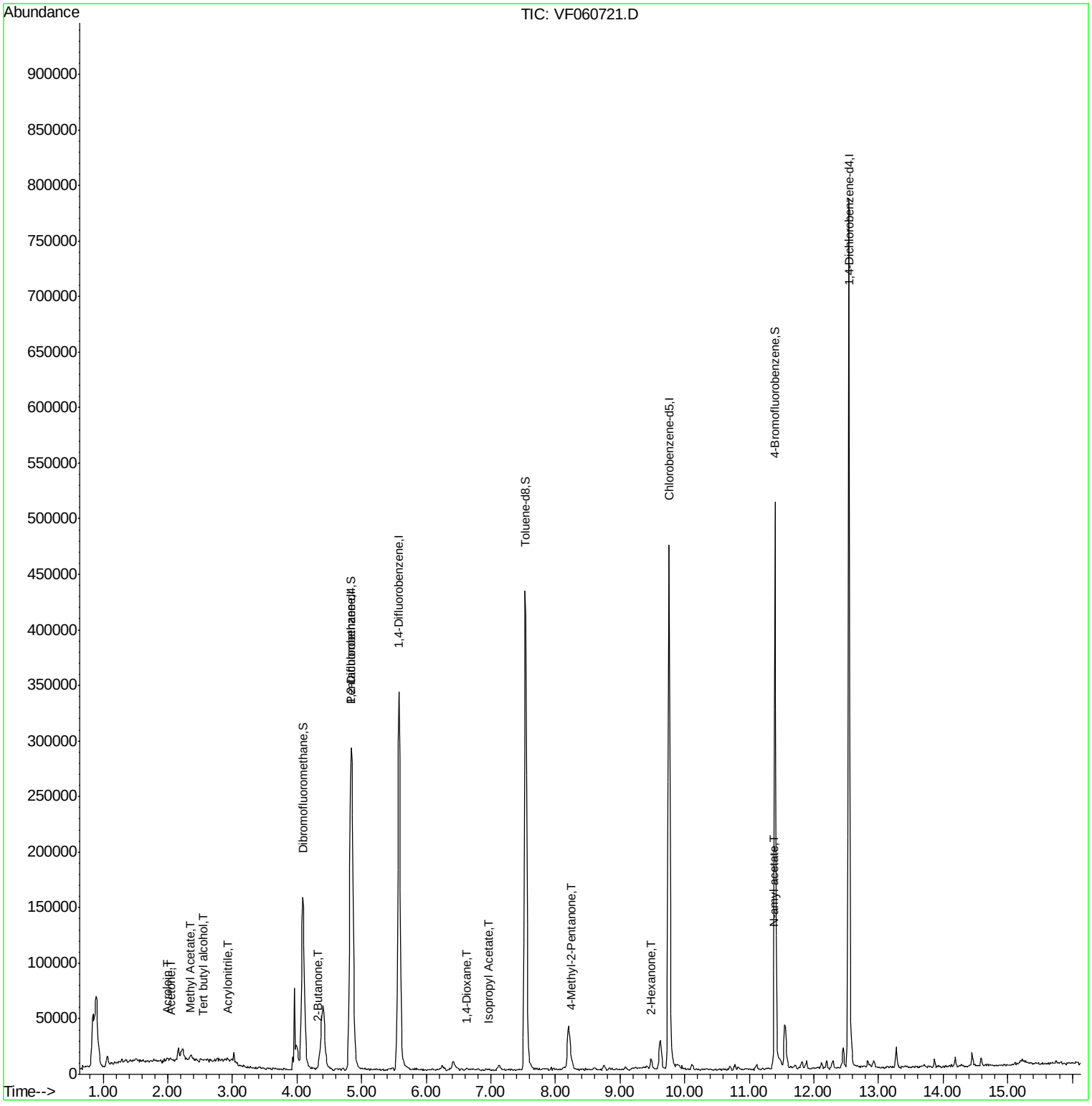
(#) = qualifier out of range (m) = manual integration (+) = signals summed

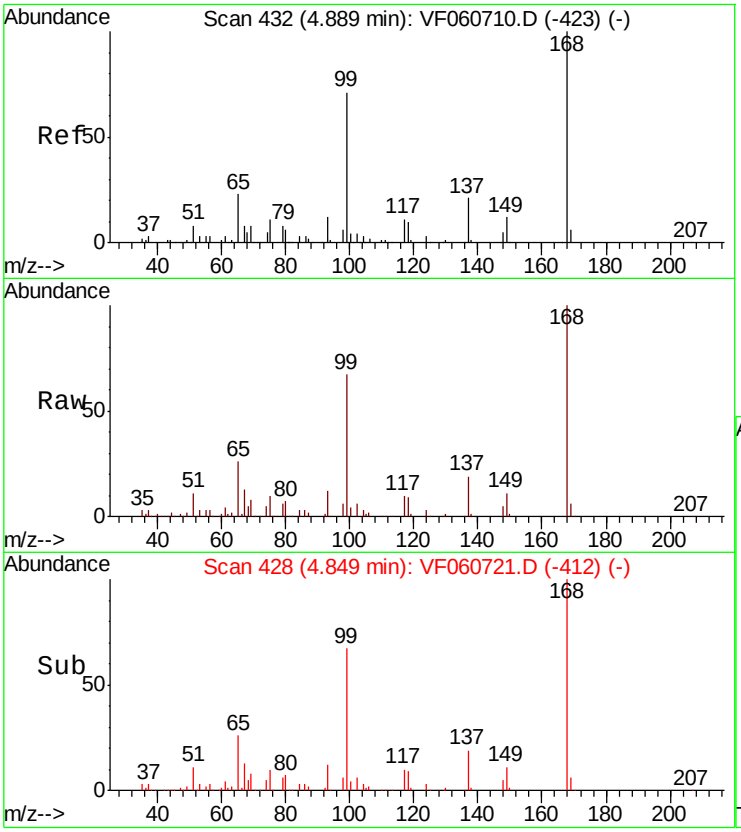
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF111418\
Data File : VF060721.D
Acq On : 14 Nov 2018 13:00
Operator : VA/AP
Sample : VF1114SBL01
Misc : 5.00g/5mL/MSVOA-F/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :
VF1114SBL01

Quant Time: Nov 15 06:36:08 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F111318S.M
Quant Title : SW846 8260
QLast Update : Wed Nov 14 03:11:14 2018
Response via : Initial Calibration



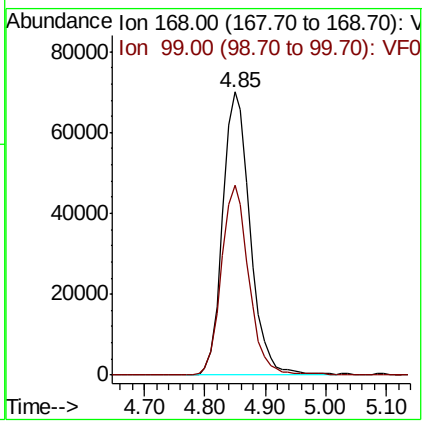


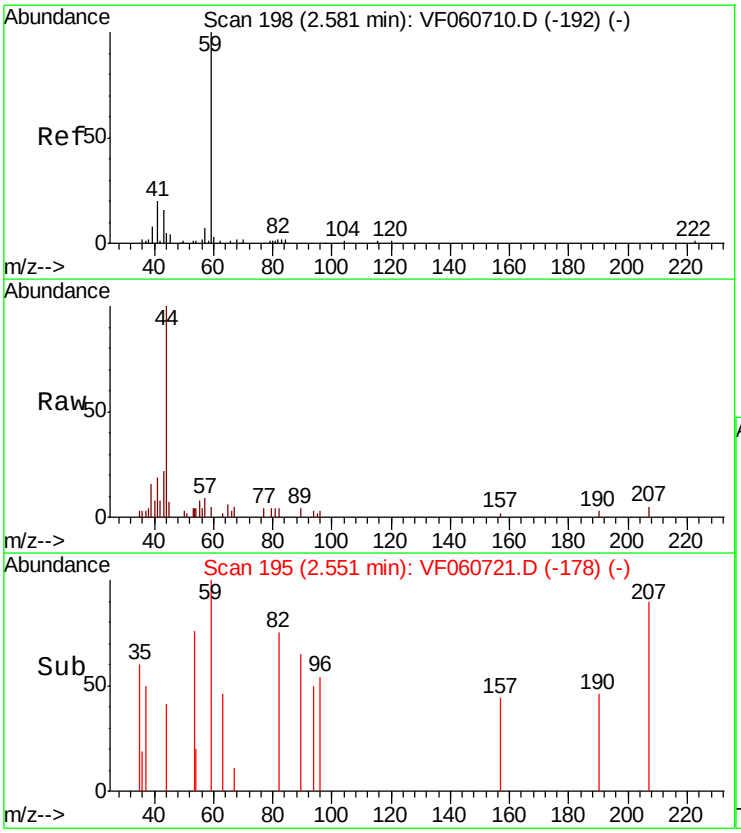
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 4.85 min Scan# 428
Delta R.T. -0.04 min
Lab File: VF060721.D
Acq: 14 Nov 2018 13:00

Instrument :
MSVOA_F
ClientSampleId :
VF1114SBL01

Tgt Ion:168 Resp: 220427

Ion	Ratio	Lower	Upper
168	100		
99	67.0	57.2	85.8

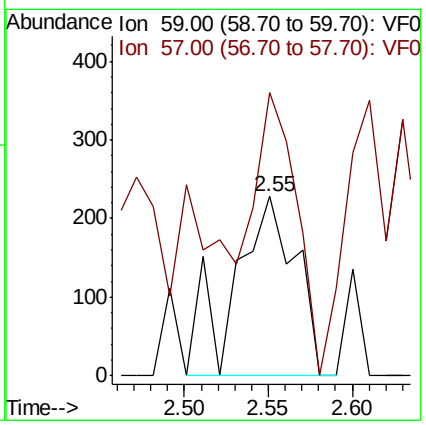


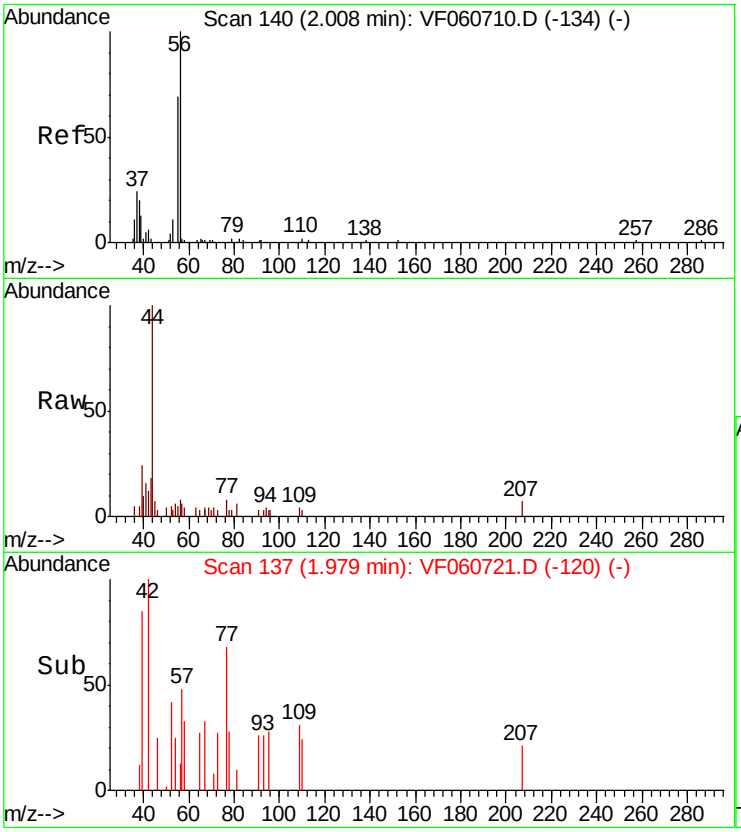


#11
Tert butyl alcohol
Concen: 5.113 ug/l
RT: 2.55 min Scan# 195
Delta R.T. -0.03 min
Lab File: VF060721.D
Acq: 14 Nov 2018 13:00

Tgt Ion: 59 Resp: 585

Ion	Ratio	Lower	Upper
59	100		
57	157.9	10.5	15.7#



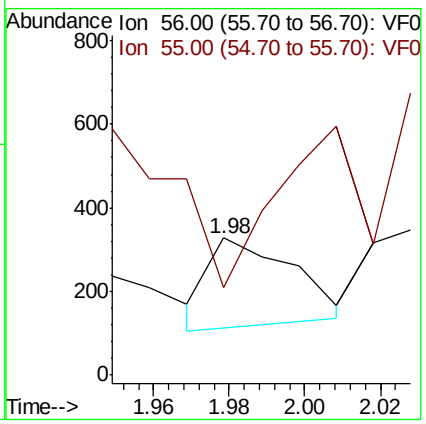


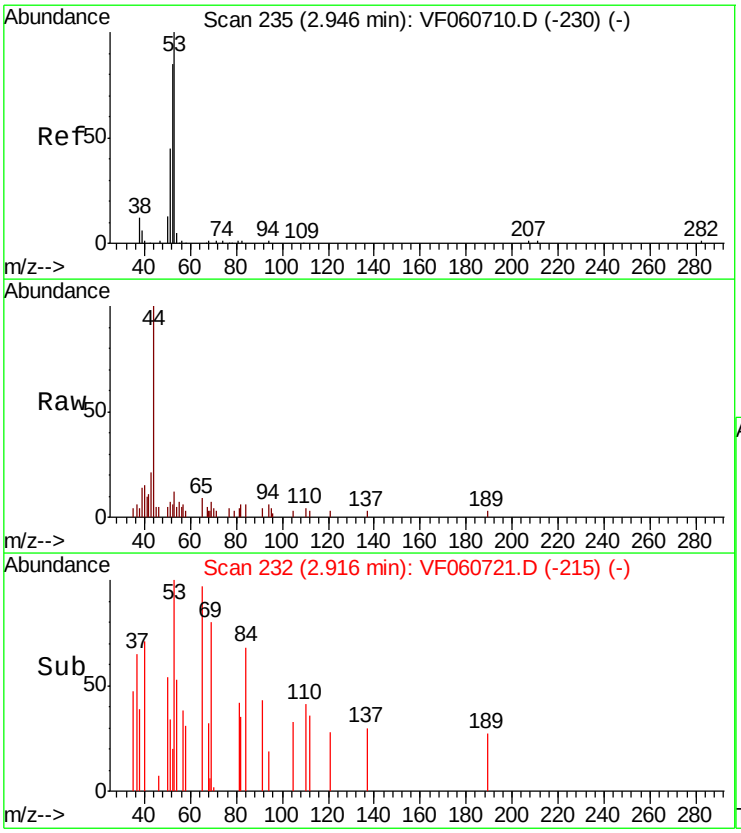
#13
Acrolein
Concen: 3.154 ug/l
RT: 1.98 min Scan# 137
Delta R.T. -0.03 min
Lab File: VF060721.D
Acq: 14 Nov 2018 13:00

Instrument : MSVOA_F
ClientSampleId : VF1114SBL01

Tgt Ion: 56 Resp: 330

Ion	Ratio	Lower	Upper
56	100		
55	64.0	56.6	85.0

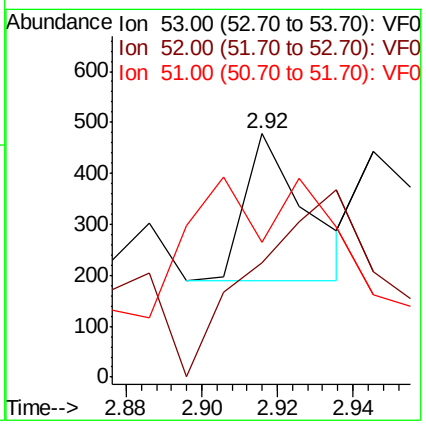


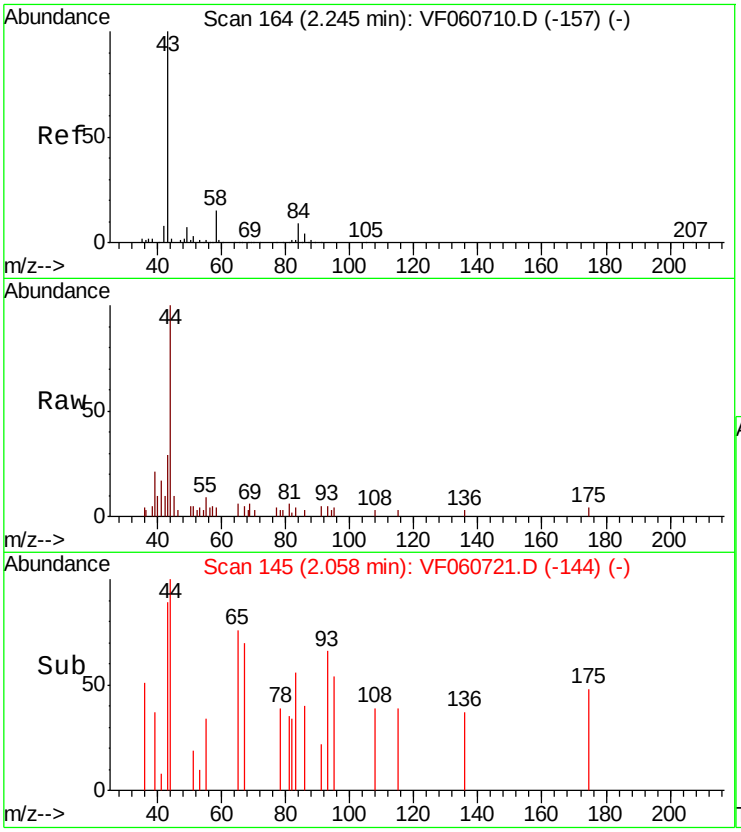


#15
Acrylonitrile
Concen: 1.304 ug/l
RT: 2.92 min Scan# 232
Delta R.T. -0.03 min
Lab File: VF060721.D
Acq: 14 Nov 2018 13:00

Tgt Ion: 53 Resp: 318

Ion	Ratio	Lower	Upper
53	100		
52	47.1	68.8	103.2#
51	55.4	36.7	55.1#



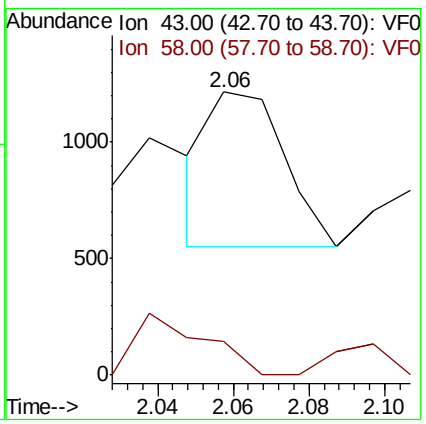


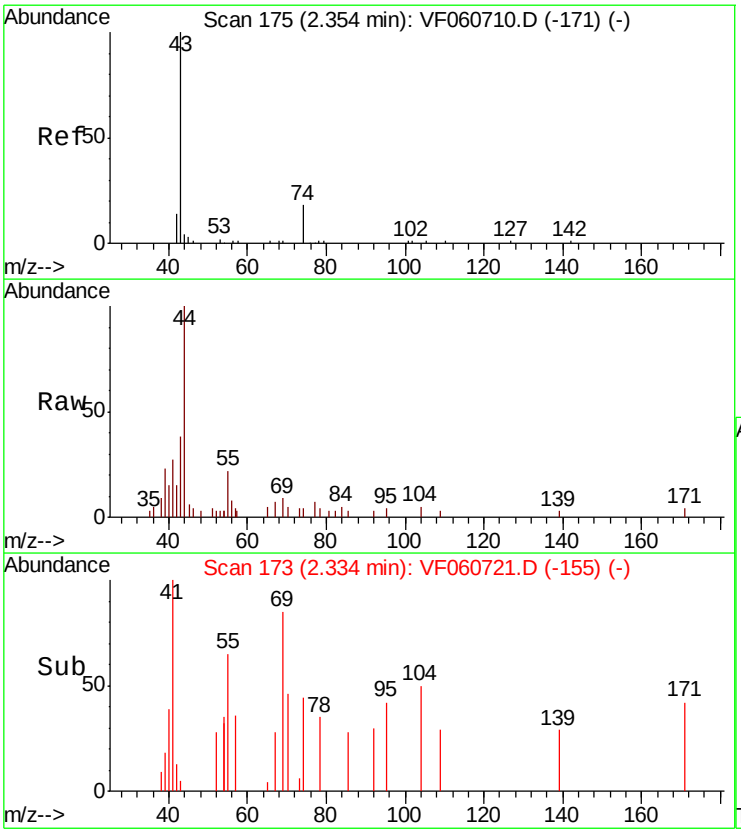
#16
Acetone
Concen: 1.693 ug/l
RT: 2.06 min Scan# 145
Delta R.T. -0.19 min
Lab File: VF060721.D
Acq: 14 Nov 2018 13:00

Instrument :
MSVOA_F
ClientSampleId :
VF1114SBL01

Tgt Ion: 43 Resp: 910

Ion	Ratio	Lower	Upper
43	100		
58	12.1	11.6	17.4

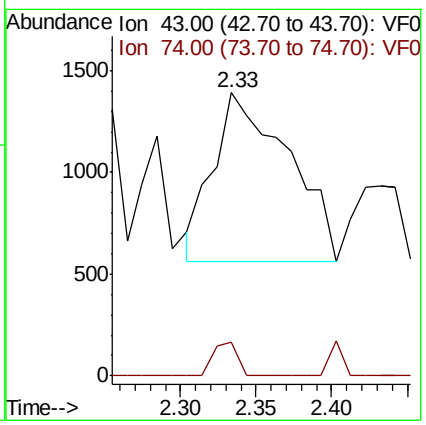


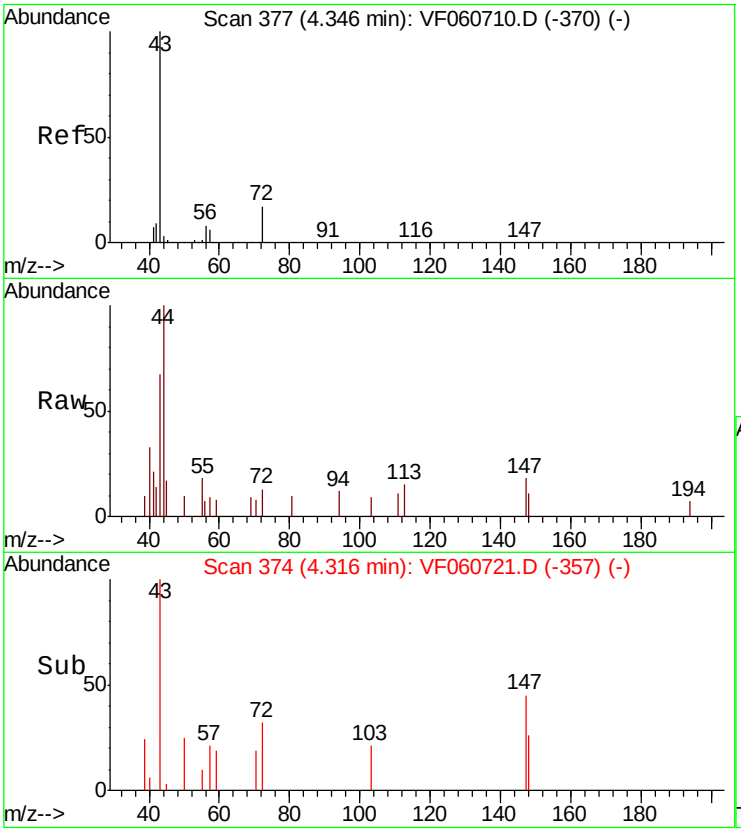


#18
Methyl Acetate
Concen: 3.263 ug/l
RT: 2.33 min Scan# 173
Delta R.T. -0.02 min
Lab File: VF060721.D
Acq: 14 Nov 2018 13:00

Tgt Ion: 43 Resp: 2879

Ion	Ratio	Lower	Upper
43	100		
74	11.8	11.8	17.8#



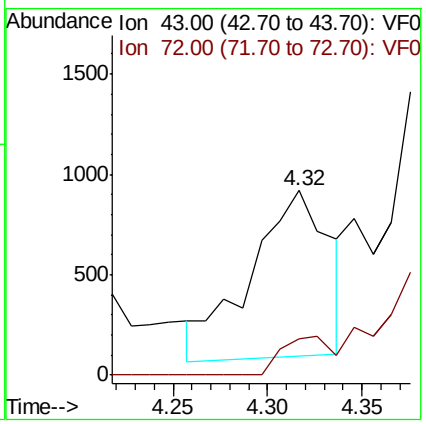


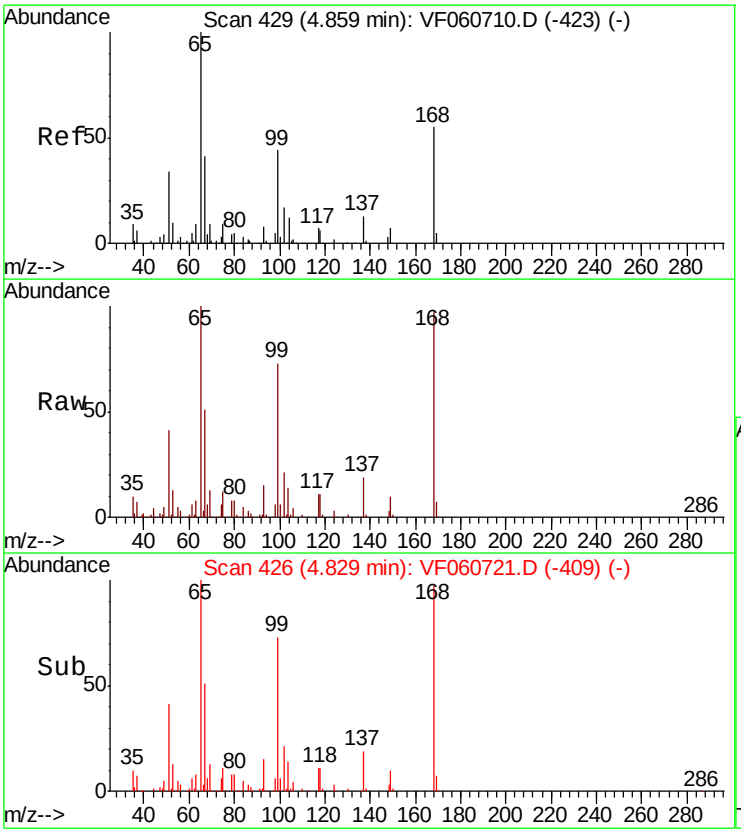
#25
2-Butanone
Concen: 2.723 ug/l
RT: 4.32 min Scan# 374
Delta R.T. -0.03 min
Lab File: VF060721.D
Acq: 14 Nov 2018 13:00

Instrument :
MSVOA_F
ClientSampleId :
VF1114SBL01

Tgt Ion: 43 Resp: 2407

Ion	Ratio	Lower	Upper
43	100		
72	19.5	16.1	24.1

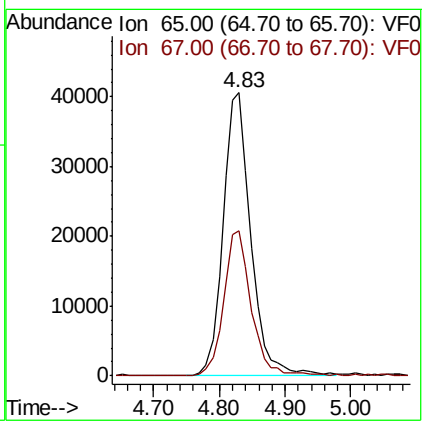


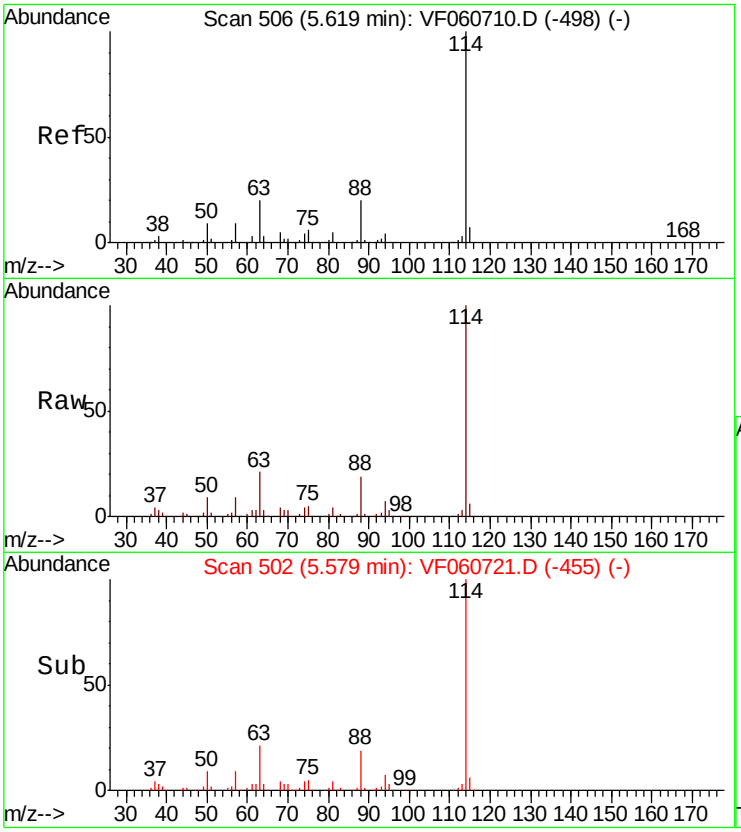


#33
1,2-Dichloroethane-d4
Concen: 47.546 ug/l
RT: 4.83 min Scan# 426
Delta R.T. -0.03 min
Lab File: VF060721.D
Acq: 14 Nov 2018 13:00

Tgt Ion: 65 Resp: 119542

Ion	Ratio	Lower	Upper
65	100		
67	51.4	0.0	90.2



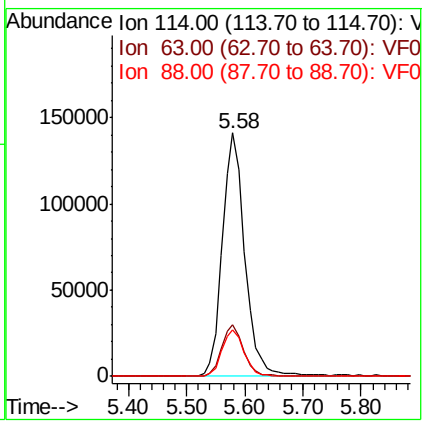


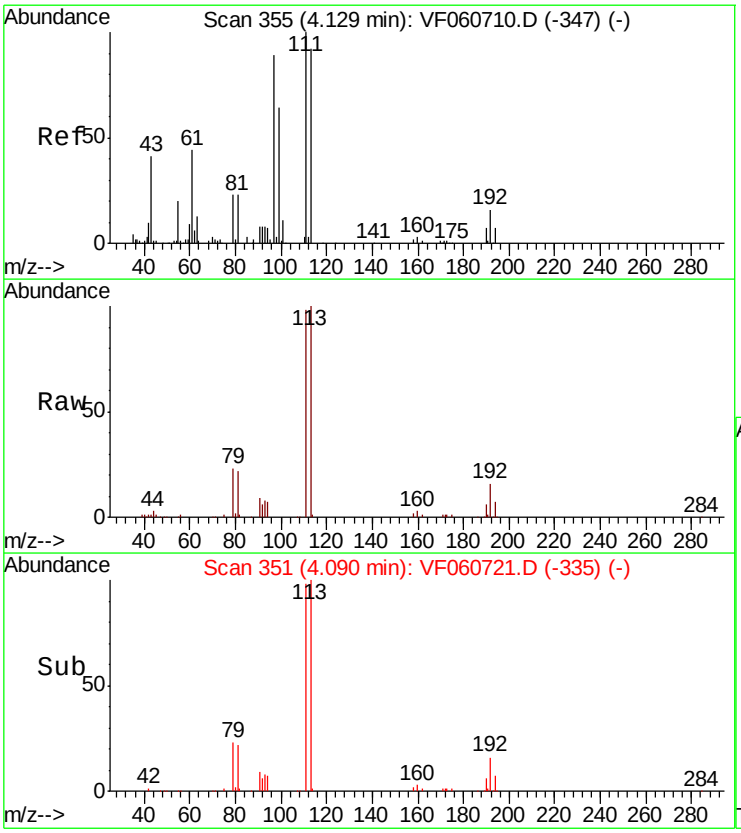
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.58 min Scan# 502
Delta R.T. -0.04 min
Lab File: VF060721.D
Acq: 14 Nov 2018 13:00

Instrument :
MSVOA_F
ClientSampleId :
VF1114SBL01

Tgt Ion:114 Resp: 378909

Ion	Ratio	Lower	Upper
114	100		
63	21.1	0.0	40.8
88	18.9	0.0	39.6

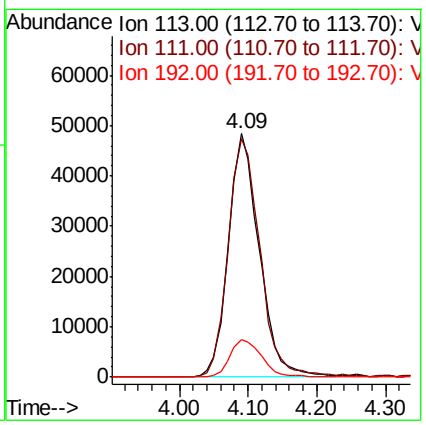


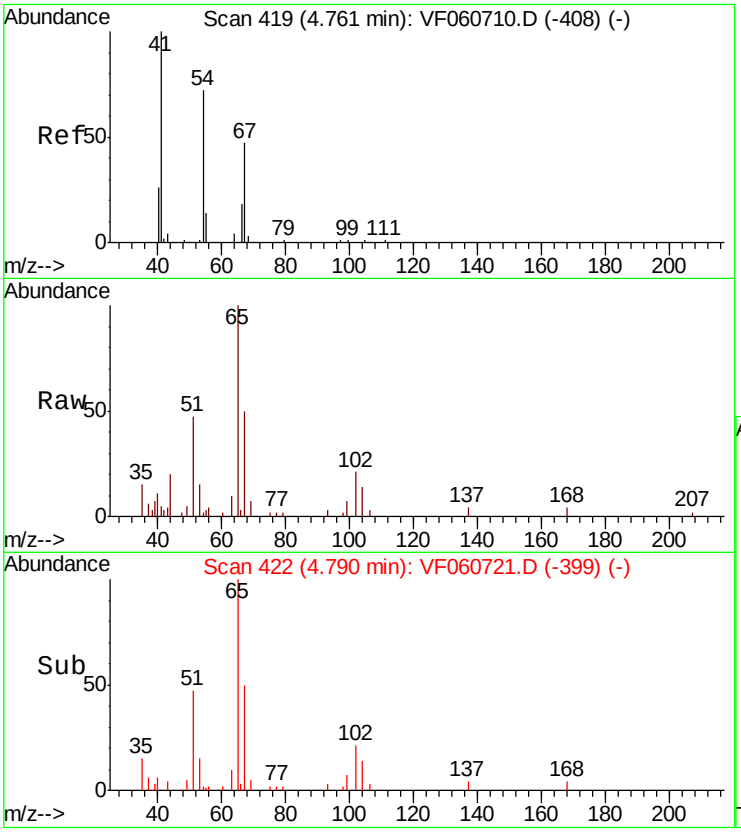


#35
Dibromofluoromethane
Concen: 53.016 ug/l
RT: 4.09 min Scan# 351
Delta R.T. -0.04 min
Lab File: VF060721.D
Acq: 14 Nov 2018 13:00

Tgt Ion:113 Resp: 151003

Ion	Ratio	Lower	Upper
113	100		
111	97.8	87.1	130.7
192	16.0	13.8	20.6



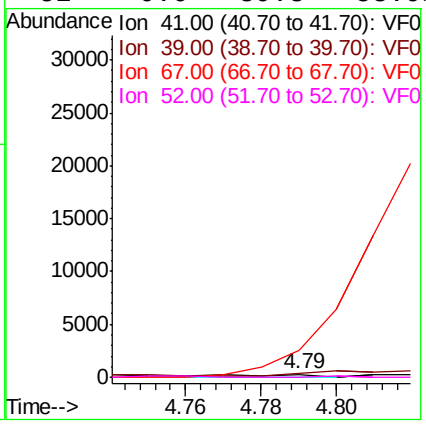


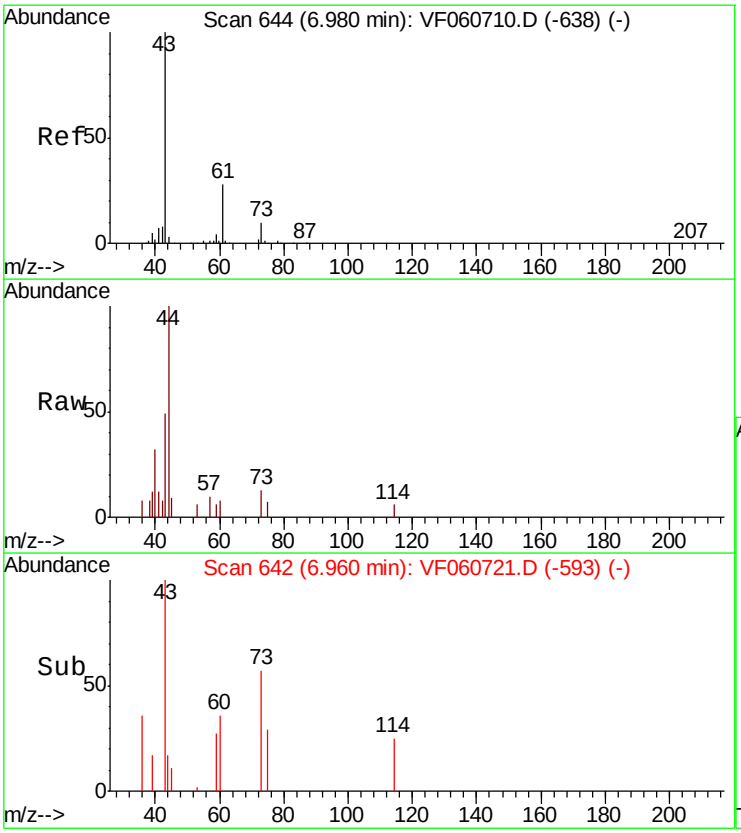
#41
Methacrylonitrile
Concen: Below Cal
RT: 4.79 min Scan# 422
Delta R.T. 0.03 min
Lab File: VF060721.D
Acq: 14 Nov 2018 13:00

Instrument : MSVOA_F
ClientSampleId : VF1114SBL01

Tgt Ion: 41 Resp: 387

Ion	Ratio	Lower	Upper
41	100		
39	140.3	47.1	70.7#
67	1008.9	37.1	55.7#
52	0.0	39.3	58.9#

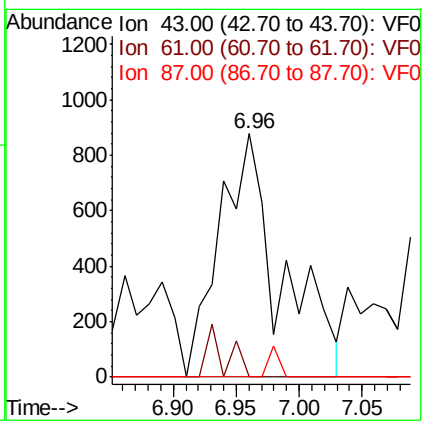


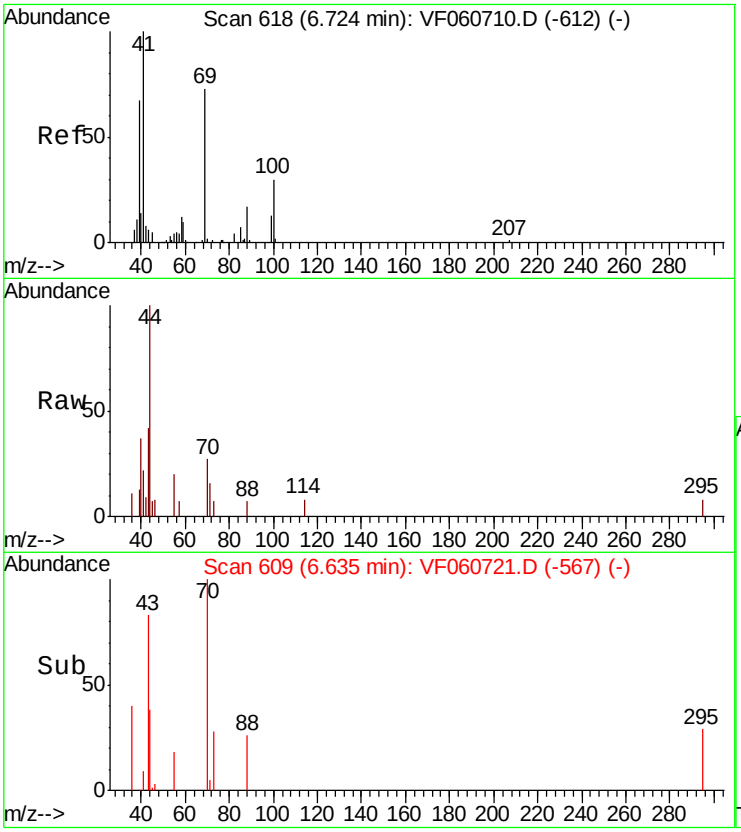


#43
Isopropyl Acetate
Concen: 1.363 ug/l
RT: 6.96 min Scan# 642
Delta R.T. -0.02 min
Lab File: VF060721.D
Acq: 14 Nov 2018 13:00

Tgt Ion: 43 Resp: 2953

Ion	Ratio	Lower	Upper
43	100		
61	0.0	22.2	33.4#
87	0.0	0.4	0.6#



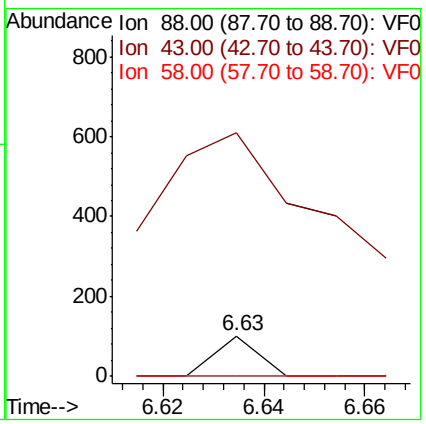


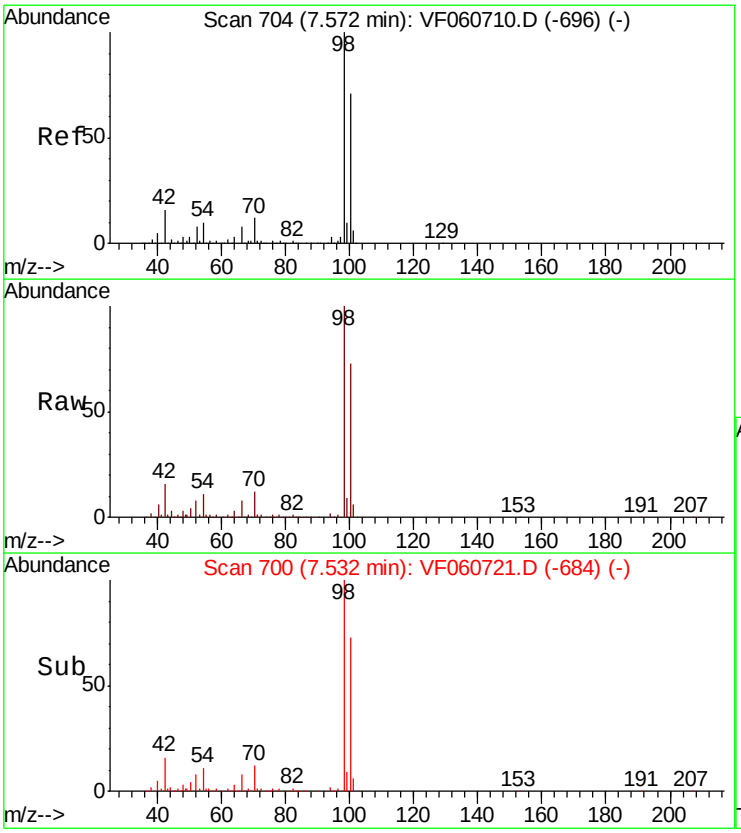
#49
1,4-Dioxane
Concen: 4.475 ug/l
RT: 6.63 min Scan# 609
Delta R.T. -0.09 min
Lab File: VF060721.D
Acq: 14 Nov 2018 13:00

Instrument : MSVOA_F
ClientSampleId : VF1114SBL01

Tgt Ion: 88 Resp: 60

Ion	Ratio	Lower	Upper
88	100		
43	603.0	44.6	66.8#
58	0.0	54.5	81.7#

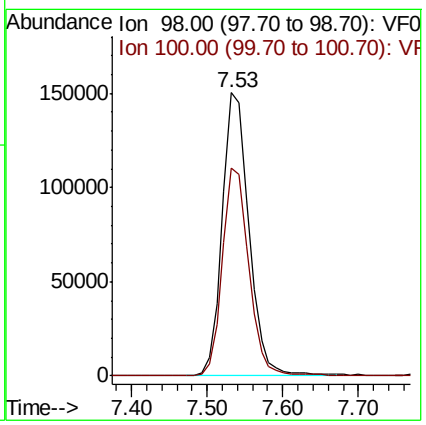


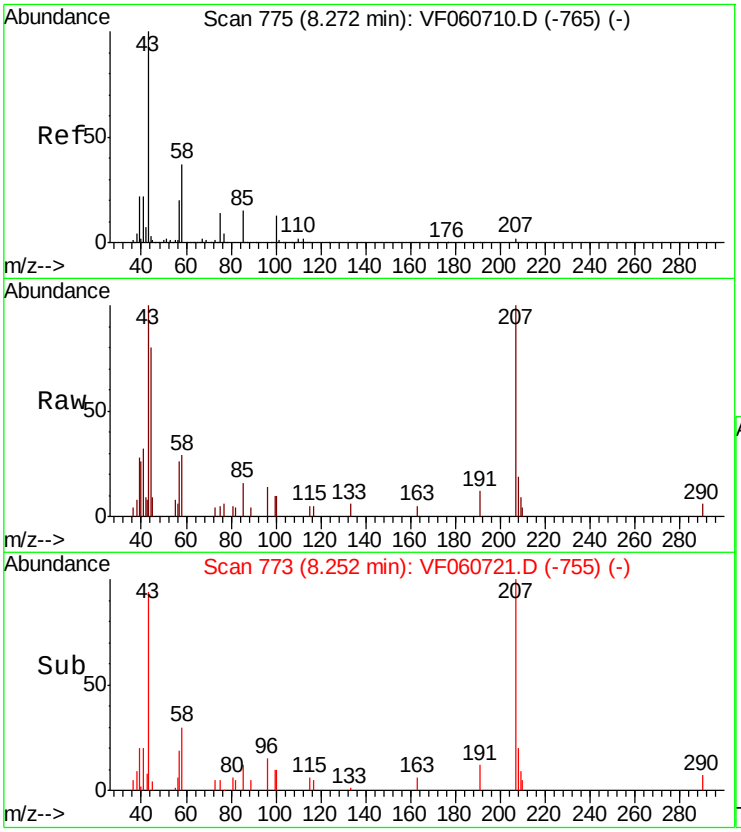


#50
Toluene-d8
Concen: 50.372 ug/l
RT: 7.53 min Scan# 700
Delta R.T. -0.04 min
Lab File: VF060721.D
Acq: 14 Nov 2018 13:00

Tgt Ion: 98 Resp: 367967

Ion	Ratio	Lower	Upper
98	100		
100	73.4	56.5	84.7



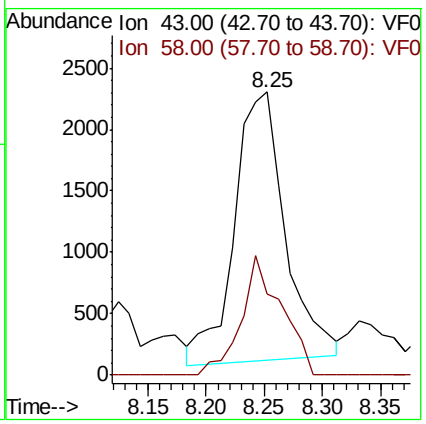


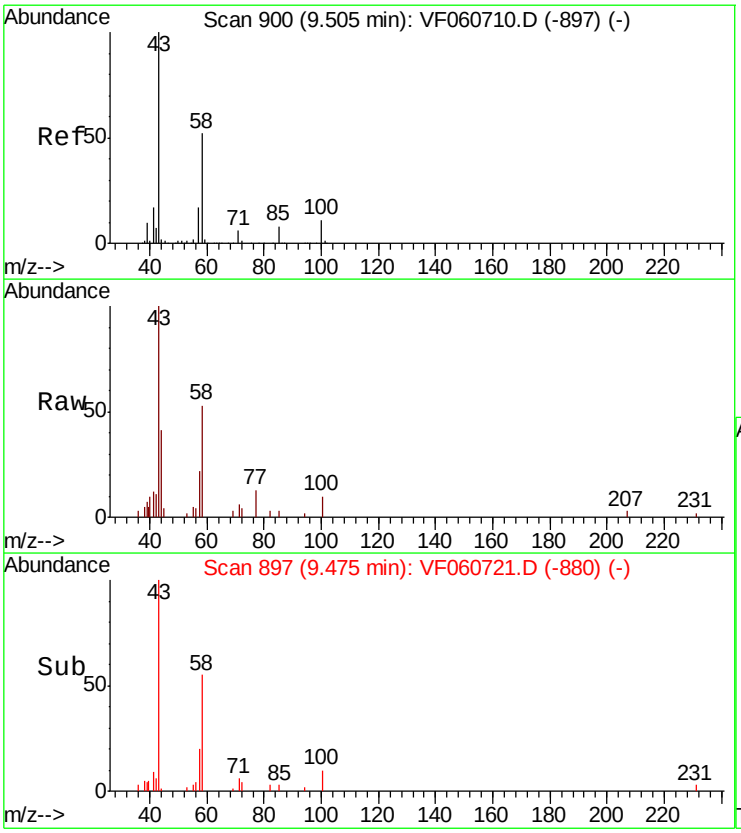
#51
4-Methyl-2-Pentanone
Concen: 4.242 ug/l
RT: 8.25 min Scan# 773
Delta R.T. -0.02 min
Lab File: VF060721.D
Acq: 14 Nov 2018 13:00

Instrument : MSVOA_F
ClientSampleId : VF1114SBL01

Tgt Ion: 43 Resp: 6646

Ion	Ratio	Lower	Upper
43	100		
58	28.6	29.2	43.8#

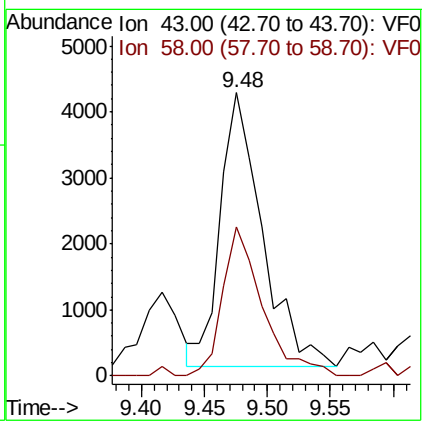


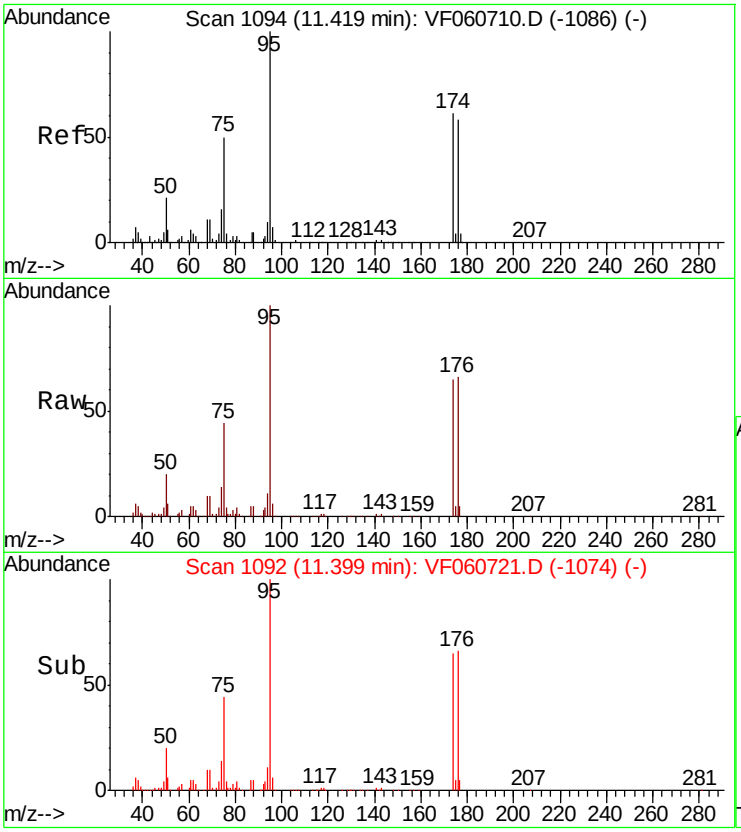


#59
2-Hexanone
Concen: 8.653 ug/l
RT: 9.48 min Scan# 897
Delta R.T. -0.03 min
Lab File: VF060721.D
Acq: 14 Nov 2018 13:00

Tgt Ion: 43 Resp: 9527

Ion	Ratio	Lower	Upper
43	100		
58	52.7	24.9	74.7



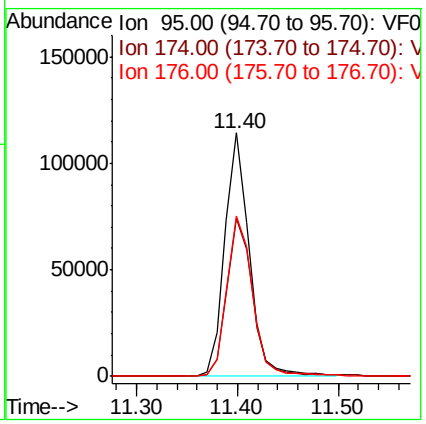


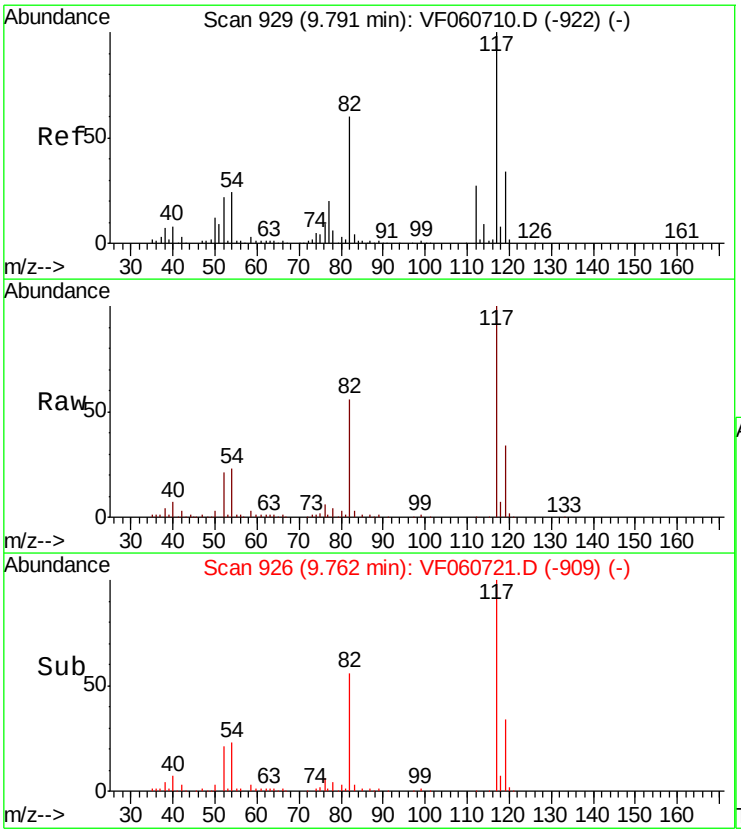
#62
4-Bromofluorobenzene
Concen: 57.846 ug/l
RT: 11.40 min Scan# 1092
Delta R.T. -0.02 min
Lab File: VF060721.D
Acq: 14 Nov 2018 13:00

Instrument :
MSVOA_F
ClientSampleId :
VF1114SBL01

Tgt Ion: 95 Resp: 192832

Ion	Ratio	Lower	Upper
95	100		
174	64.6	0.0	121.6
176	66.1	0.0	115.2

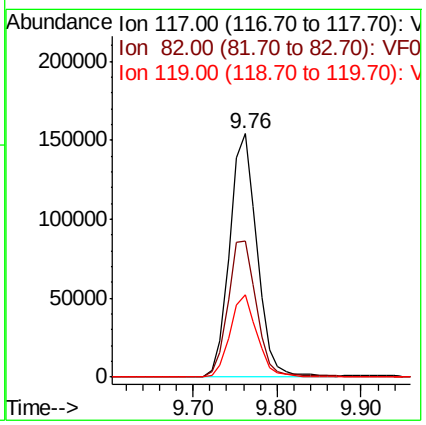


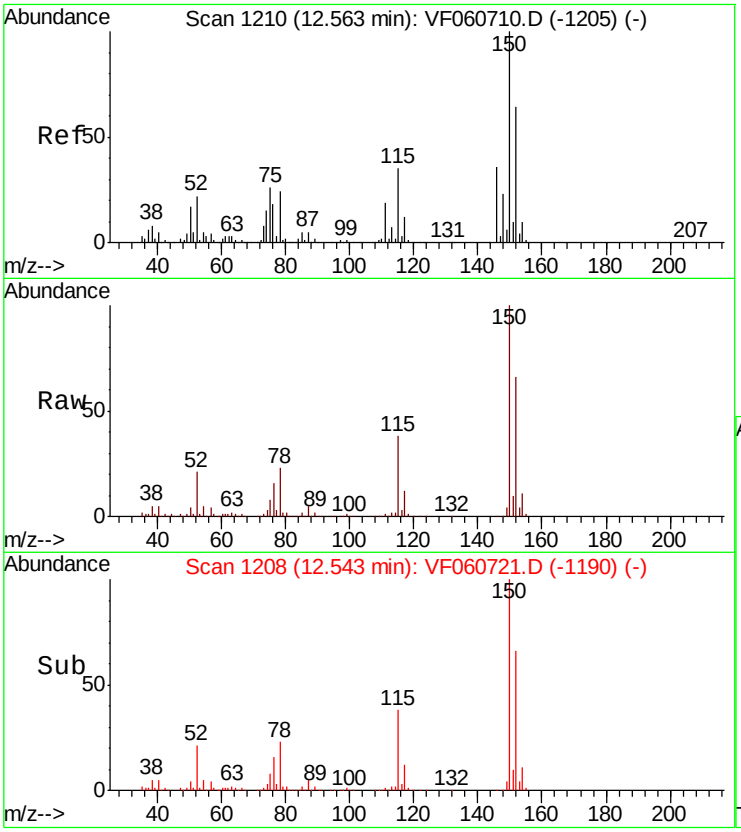


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.76 min Scan# 926
Delta R.T. -0.03 min
Lab File: VF060721.D
Acq: 14 Nov 2018 13:00

Tgt Ion:117 Resp: 350522

Ion	Ratio	Lower	Upper
117	100		
82	56.1	47.9	71.9
119	33.8	26.8	40.2



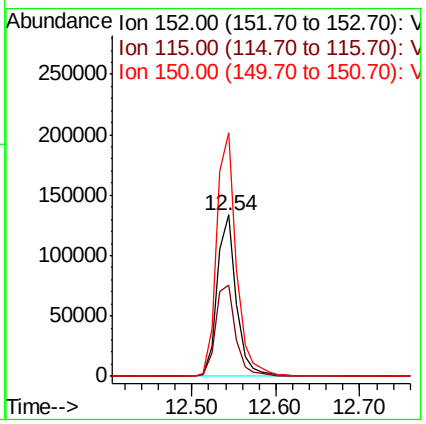


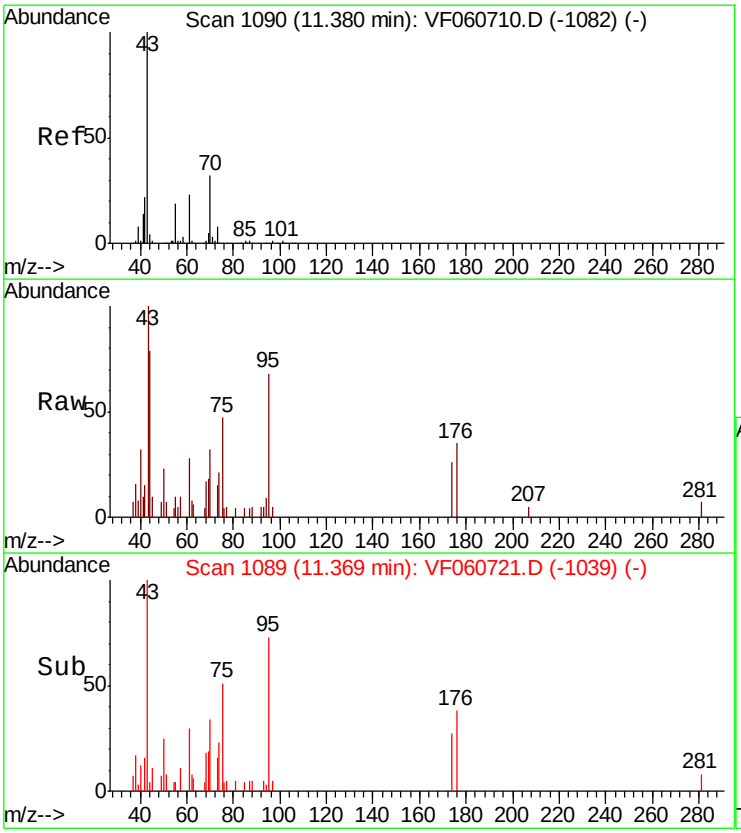
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.54 min Scan# 1208
Delta R.T. -0.02 min
Lab File: VF060721.D
Acq: 14 Nov 2018 13:00

Instrument : MSVOA_F
ClientSampleId : VF1114SBL01

Tgt Ion:152 Resp: 212007

Ion	Ratio	Lower	Upper
152	100		
115	56.7	27.9	83.7
150	150.7	0.0	316.4





#74
N-amyl acetate
Concen: 1.172 ug/l
RT: 11.37 min Scan# 1089
Delta R.T. -0.01 min
Lab File: VF060721.D
Acq: 14 Nov 2018 13:00

Tgt Ion: 43 Resp: 4554

Ion	Ratio	Lower	Upper
43	100		
70	31.9	25.5	38.3
55	9.9	14.9	22.3#
61	27.9	18.6	27.8#