Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF121718\
Data File : VF061036.D
Acq On : 17 Dec 2018 12:44
Operator : VA/AP
Sample : VF1217SBL01
Misc : 5.00g/5mL/MSVOA-F/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId :

Quant Time: Dec 18 03:06:27 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	4.88	168	186408	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	5.61	114	311249	50.00	ug/l	-0.02
63) Chlorobenzene-d5	9.80	117	286922	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	12.56	152	169313	50.00	ug/l	-0.02
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.86	65	118905	54.15	ug/l	-0.02
Spiked Amount 50.000			Recovery = 108.30%			
35) Dibromofluoromethane	4.13	113	135841	55.01	ug/l	-0.02
Spiked Amount 50.000			Recovery = 110.02%			
50) Toluene-d8	7.57	98	356235	48.98	ug/l	-0.02
Spiked Amount 50.000			Recovery = 97.96%			
62) 4-Bromofluorobenzene	11.42	95	167991	50.82	ug/l	-0.02
Spiked Amount 50.000			Recovery = 101.64%			
Target Compounds						Qvalue
13) Acrolein	2.03	56	359	4.209	ug/l	97
15) Acrylonitrile	2.95	53	994	4.925	ug/l #	75
16) Acetone	2.25	43	2719	6.714	ug/l #	85
18) Methyl Acetate	2.46	43	419	Below Cal		96
20) Methylene Chloride	2.24	84	3150	2.120	ug/l	96
25) 2-Butanone	4.36	43	2607	3.722	ug/l	95
29) Tetrahydrofuran	4.11	42	1109	3.735	ug/l #	37
41) Methacrylonitrile	4.81	41	1202	Below Cal #		55
43) Isopropyl Acetate	6.95	43	364	Below Cal #		49
49) 1,4-Dioxane	6.79	88	72	7.747	ug/l #	15
51) 4-Methyl-2-Pentanone	8.28	43	3510	2.713	ug/l #	78
59) 2-Hexanone	9.51	43	4303	4.741	ug/l	99
74) N-amyl acetate	11.39	43	5514	1.785	ug/l #	95
95) Naphthalene	14.46	128	12349	Below Cal		96

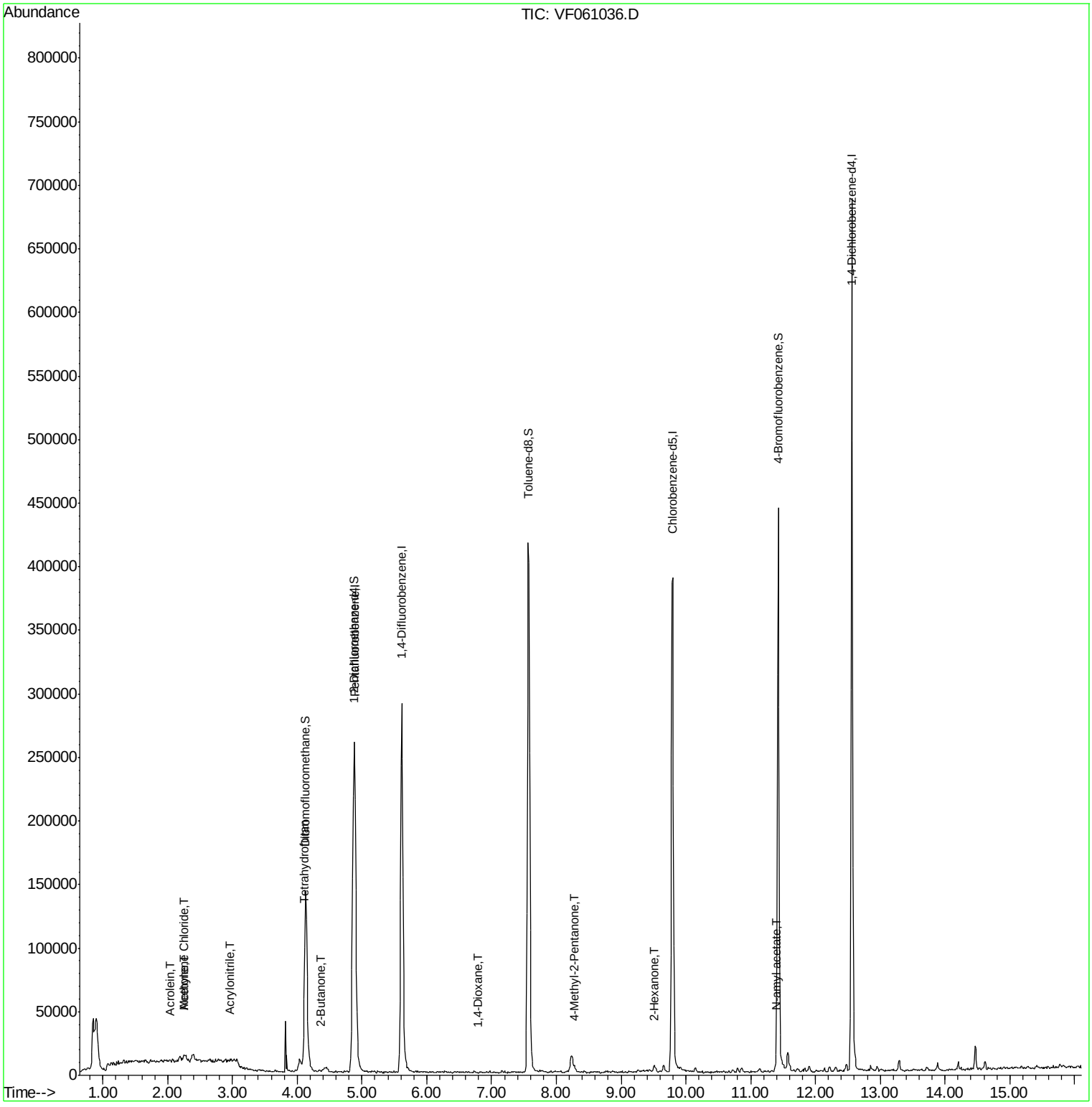
(#) = qualifier out of range (m) = manual integration (+) = signals summed

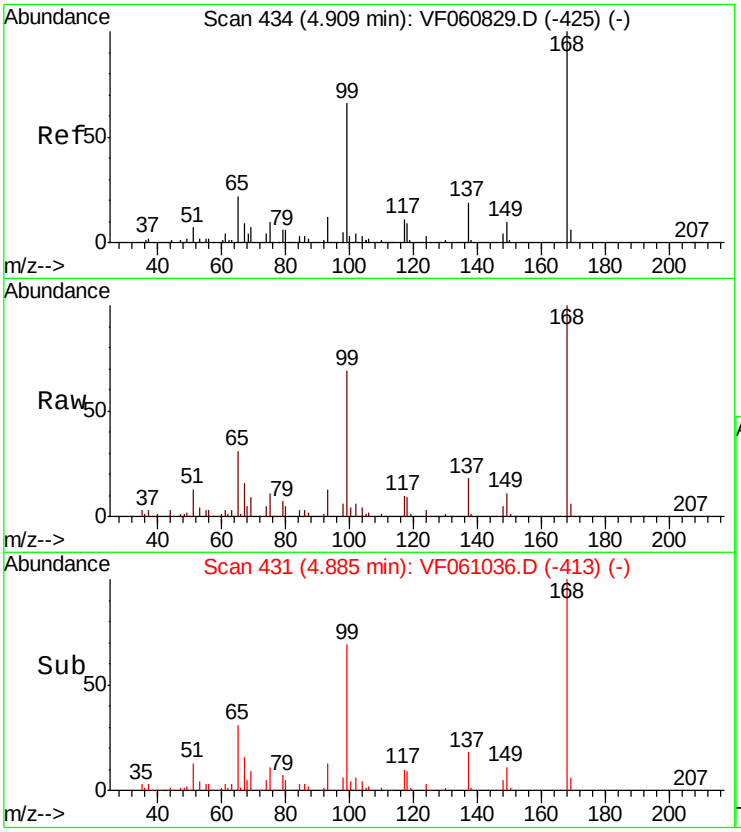
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF121718\
Data File : VF061036.D
Acq On : 17 Dec 2018 12:44
Operator : VA/AP
Sample : VF1217SBL01
Misc : 5.00g/5mL/MSVOA-F/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :

Quant Time: Dec 18 03:06:27 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

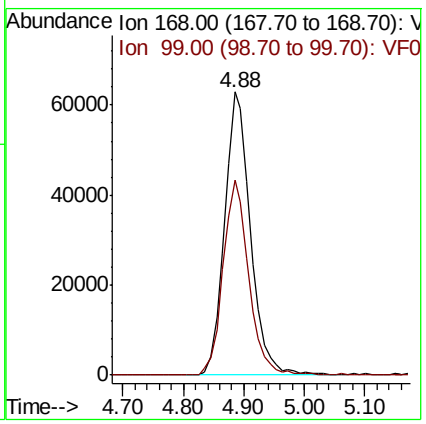




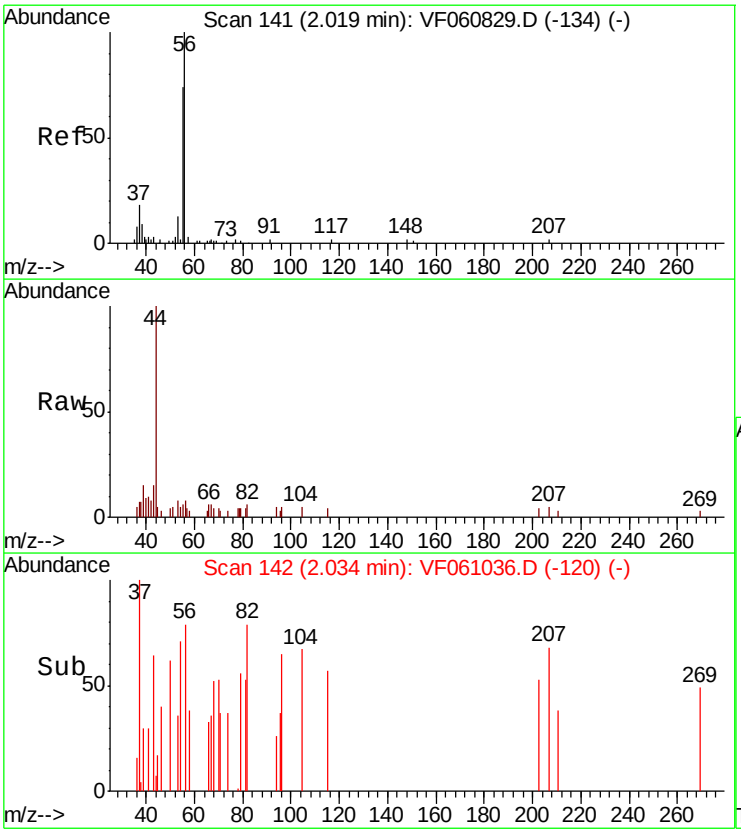
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 4.88 min Scan# 431
Delta R.T. -0.02 min
Lab File: VF061036.D
Acq: 17 Dec 2018 12:44

Tgt Ion:168 Resp: 186408

Ion	Ratio	Lower	Upper
168	100		
99	68.8	52.6	79.0



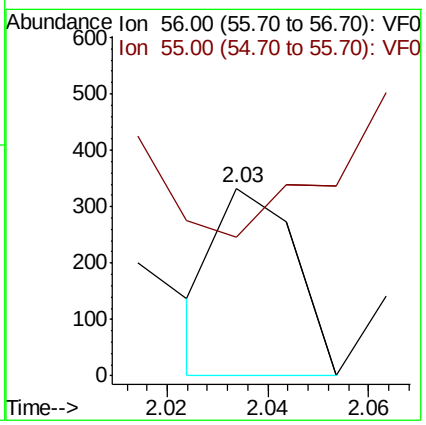
Instrument :
MSVOA_F
ClientSampleId :

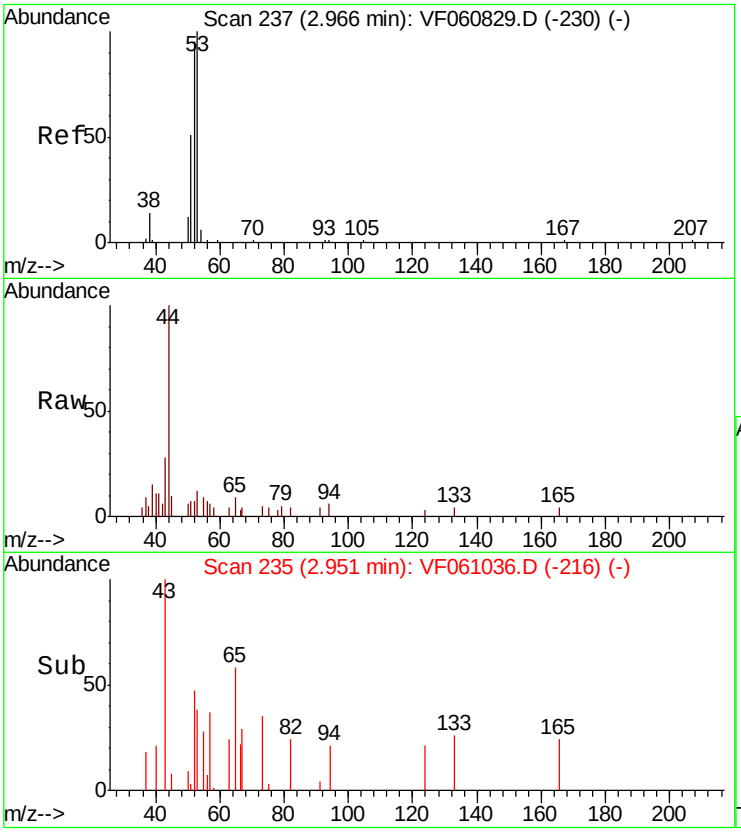


#13
Acrolein
Concen: 4.209 ug/l
RT: 2.03 min Scan# 142
Delta R.T. 0.01 min
Lab File: VF061036.D
Acq: 17 Dec 2018 12:44

Tgt Ion: 56 Resp: 359

Ion	Ratio	Lower	Upper
56	100		
55	73.9	61.2	91.8



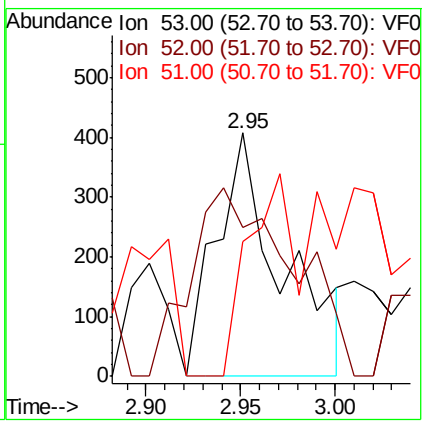


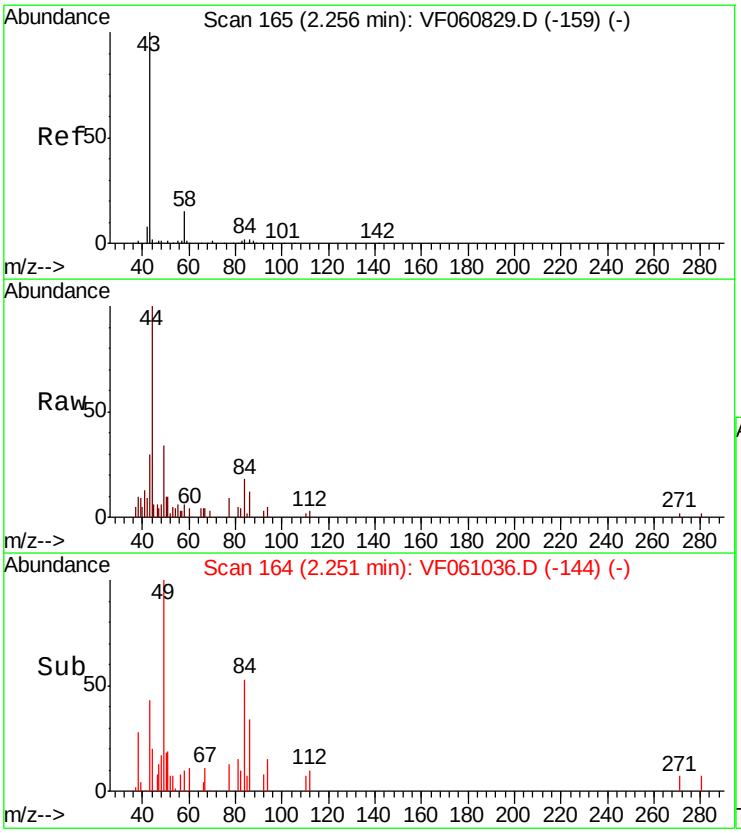
#15
Acrylonitrile
Concen: 4.925 ug/l
RT: 2.95 min Scan# 235
Delta R.T. -0.02 min
Lab File: VF061036.D
Acq: 17 Dec 2018 12:44

Instrument : MSVOA_F
ClientSampleId :

Tgt Ion: 53 Resp: 994

Ion	Ratio	Lower	Upper
53	100		
52	61.3	76.5	114.7#
51	55.1	40.7	61.1

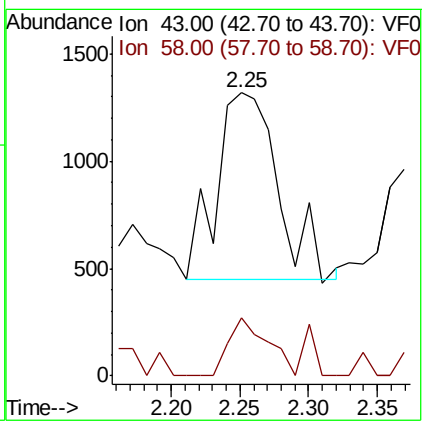


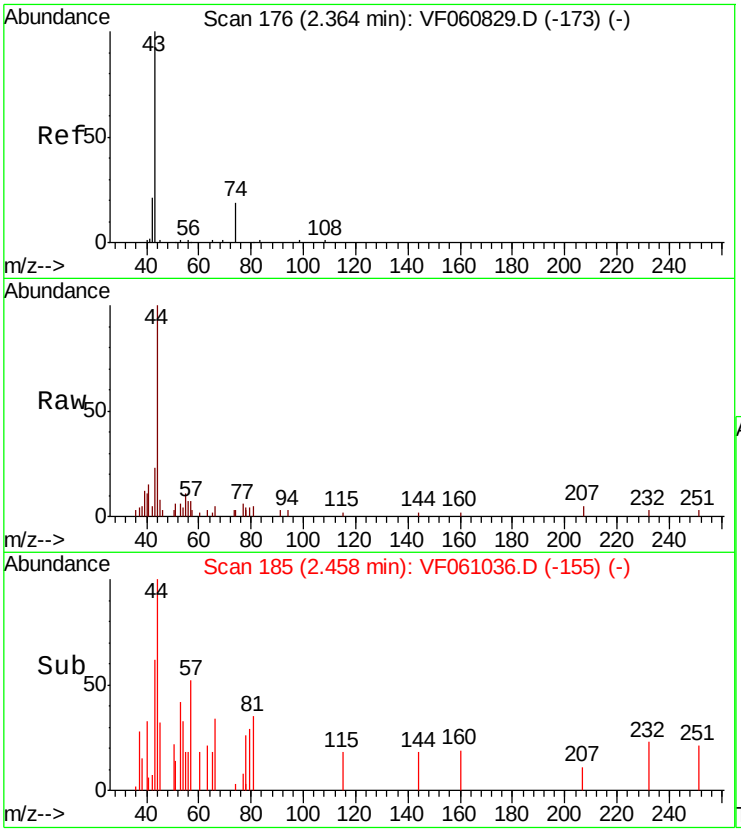


#16
Acetone
Concen: 6.714 ug/l
RT: 2.25 min Scan# 164
Delta R.T. -0.01 min
Lab File: VF061036.D
Acq: 17 Dec 2018 12:44

Tgt Ion: 43 Resp: 2719

Ion	Ratio	Lower	Upper
43	100		
58	20.4	11.4	17.2#



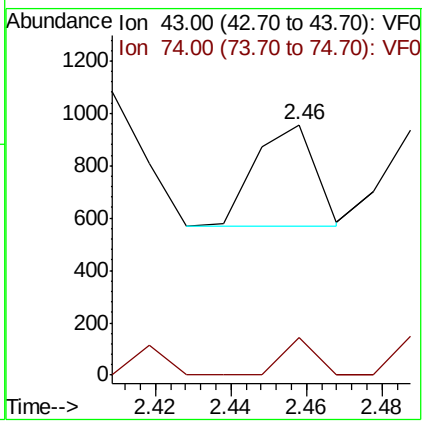


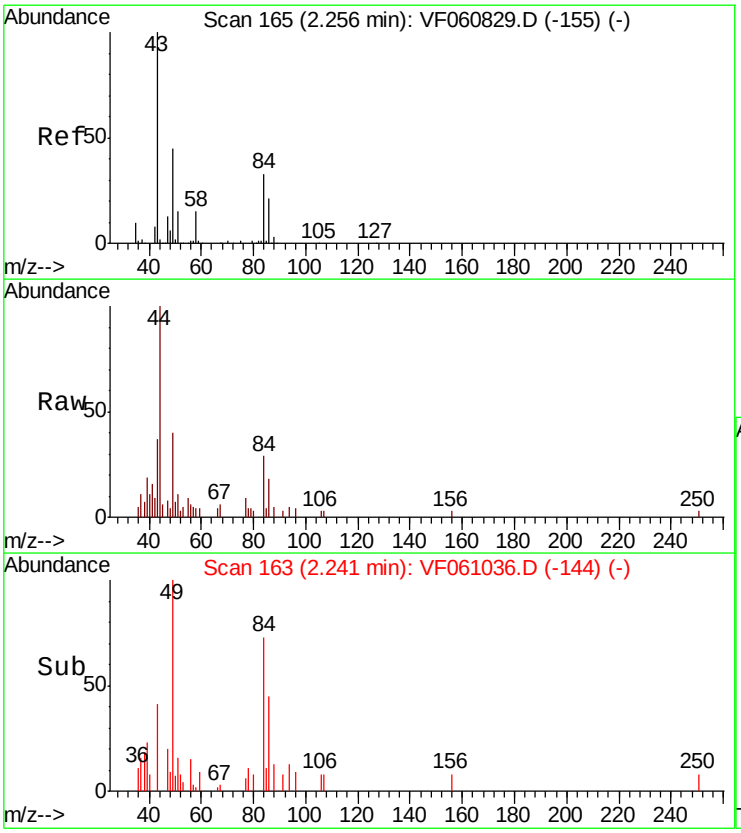
#18
Methyl Acetate
Concen: Below Cal
RT: 2.46 min Scan# 185
Delta R.T. 0.09 min
Lab File: VF061036.D
Acq: 17 Dec 2018 12:44

Instrument : MSVOA_F
ClientSampleId :

Tgt Ion: 43 Resp: 419

Ion	Ratio	Lower	Upper
43	100		
74	15.1	13.3	19.9

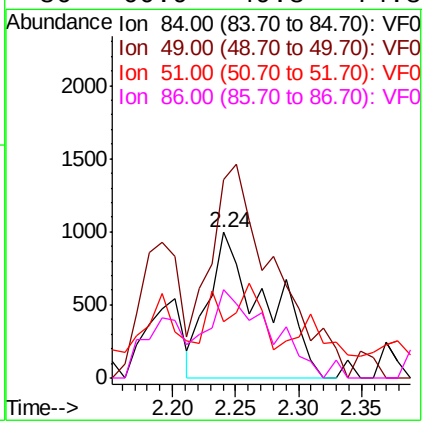


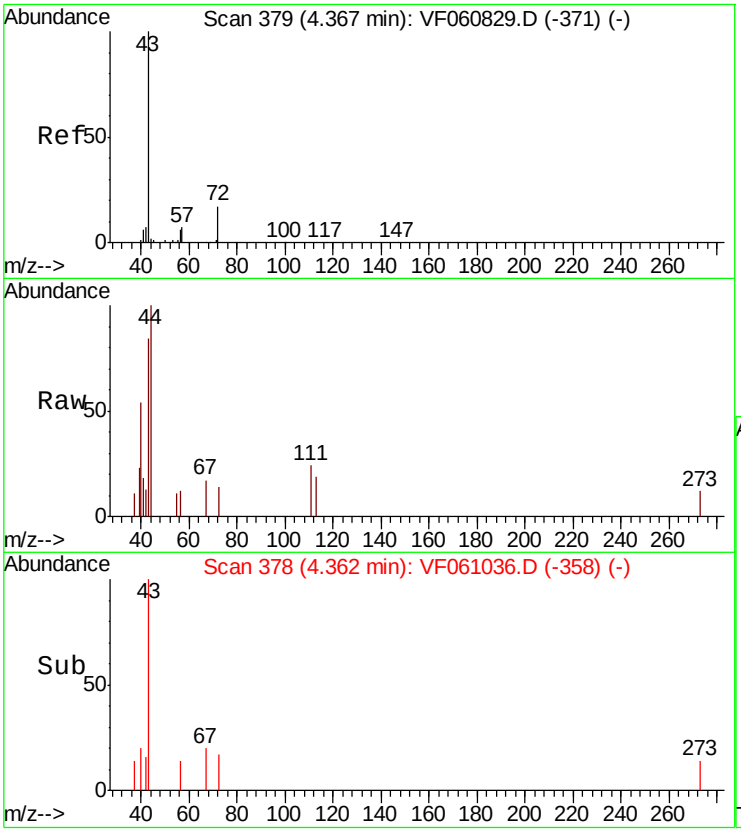


#20
Methylene Chloride
Concen: 2.120 ug/l
RT: 2.24 min Scan# 163
Delta R.T. -0.02 min
Lab File: VF061036.D
Acq: 17 Dec 2018 12:44

Tgt Ion: 84 Resp: 3150

Ion	Ratio	Lower	Upper
84	100		
49	136.3	111.3	166.9
51	38.3	38.0	57.0
86	60.9	49.8	74.8



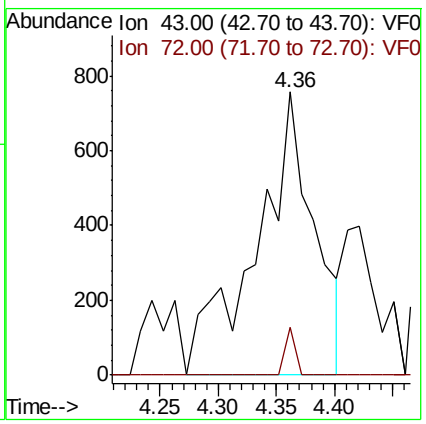


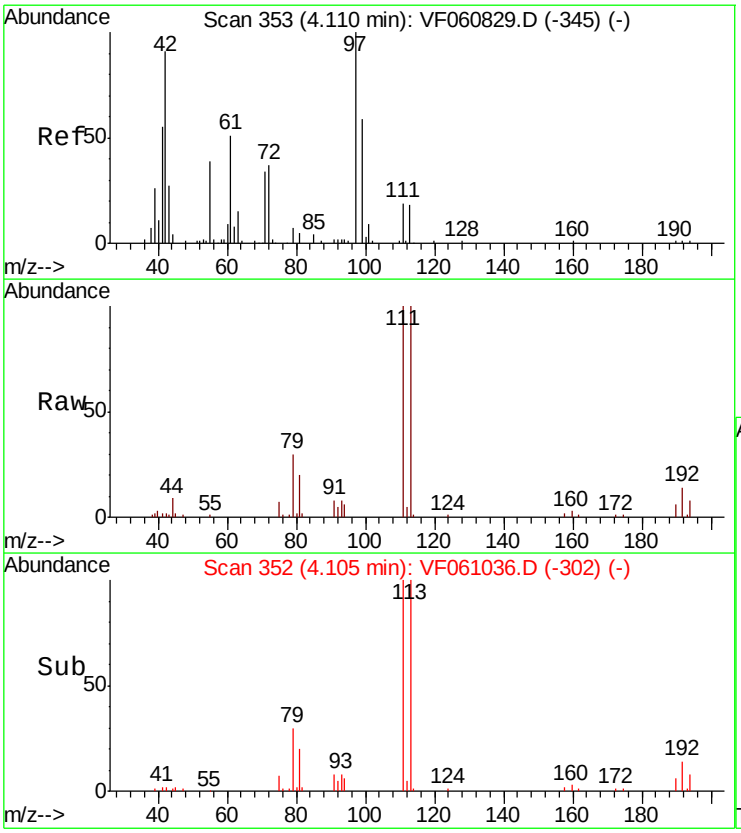
#25
2-Butanone
Concen: 3.722 ug/l
RT: 4.36 min Scan# 378
Delta R.T. -0.01 min
Lab File: VF061036.D
Acq: 17 Dec 2018 12:44

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 43 Resp: 2607

Ion	Ratio	Lower	Upper
43	100		
72	17.0	15.4	23.2

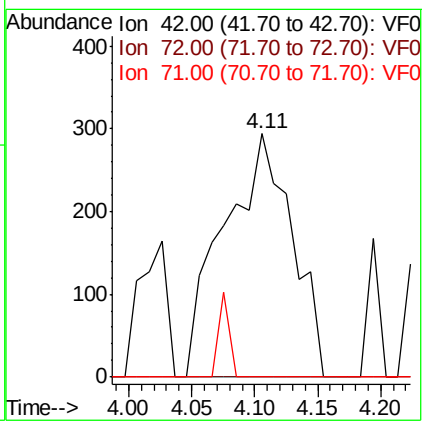


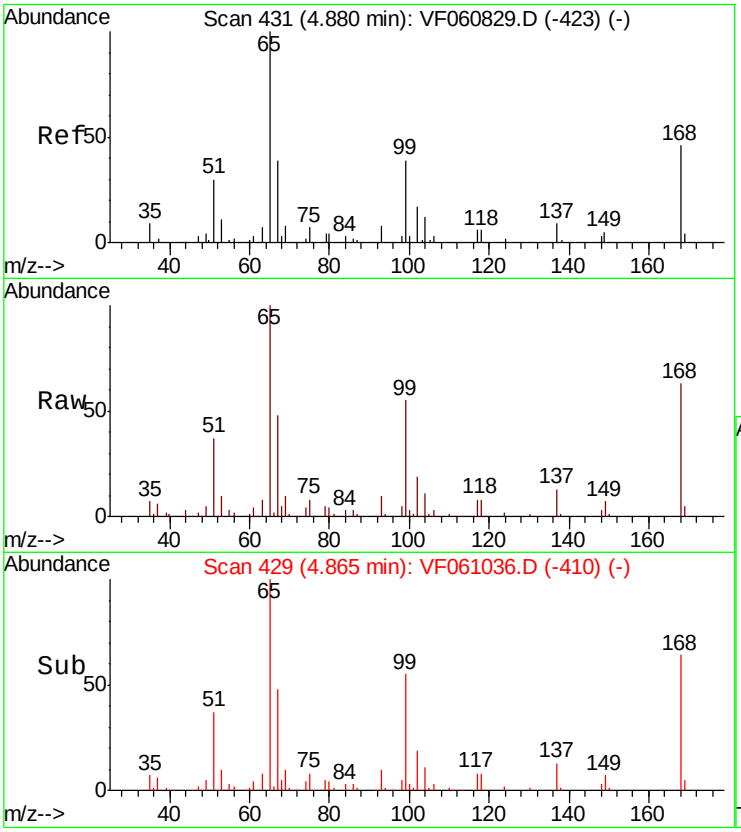


#29
Tetrahydrofuran
Concen: 3.735 ug/l
RT: 4.11 min Scan# 352
Delta R.T. -0.01 min
Lab File: VF061036.D
Acq: 17 Dec 2018 12:44

Tgt Ion: 42 Resp: 1109

Ion	Ratio	Lower	Upper
42	100		
72	0.0	31.9	47.9#
71	0.0	28.7	43.1#



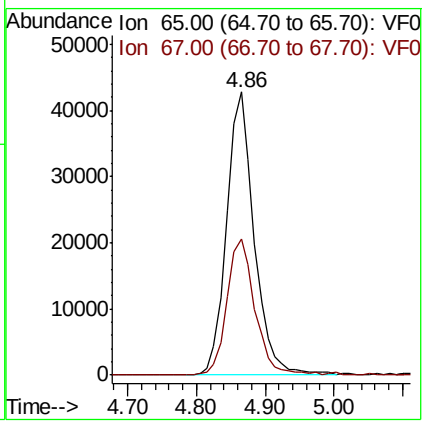


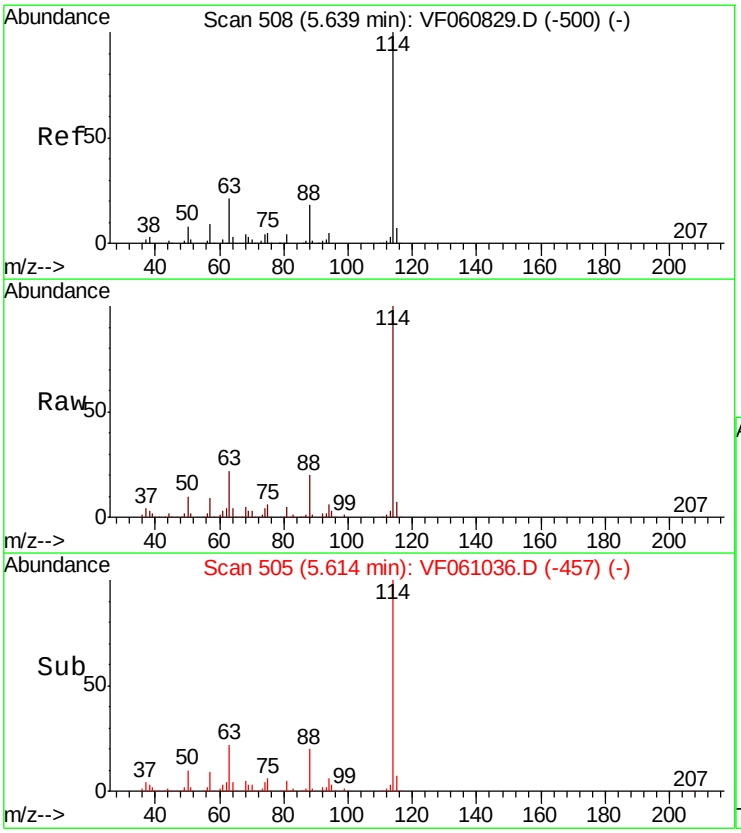
#33
1,2-Dichloroethane-d4
Concen: 54.147 ug/l
RT: 4.86 min Scan# 429
Delta R.T. -0.02 min
Lab File: VF061036.D
Acq: 17 Dec 2018 12:44

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 65 Resp: 118905

Ion	Ratio	Lower	Upper
65	100		
67	48.2	0.0	96.4

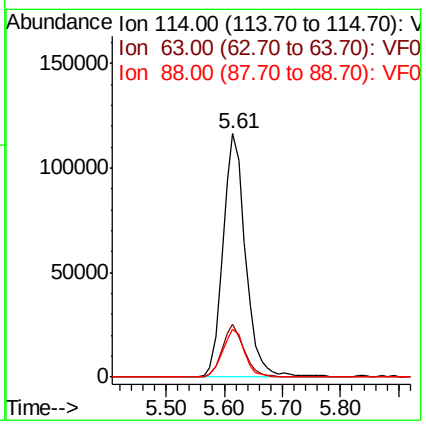


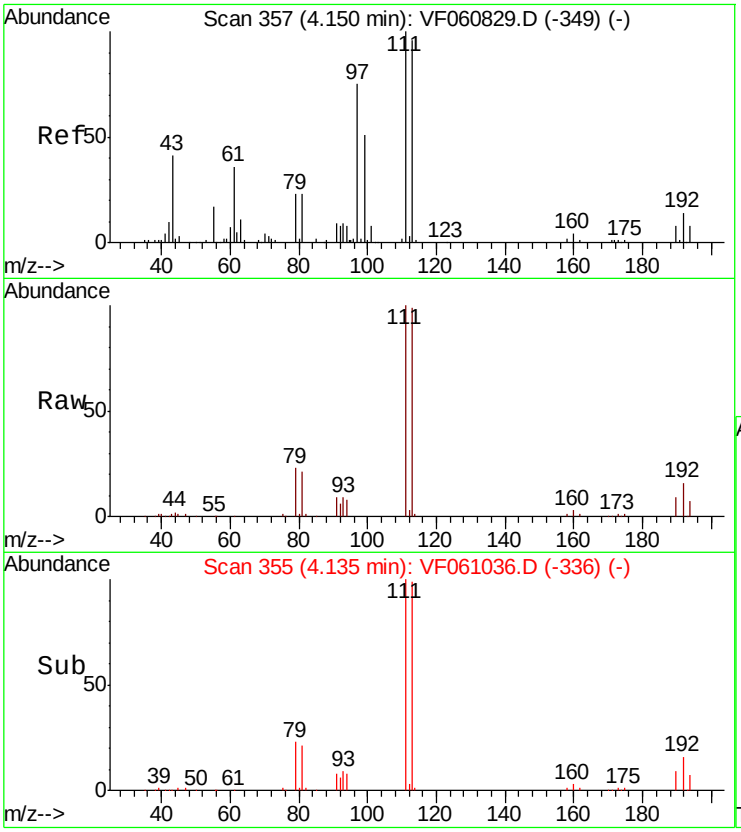


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.61 min Scan# 505
Delta R.T. -0.02 min
Lab File: VF061036.D
Acq: 17 Dec 2018 12:44

Tgt Ion:114 Resp: 311249

Ion	Ratio	Lower	Upper
114	100		
63	21.9	0.0	41.6
88	19.7	0.0	36.6



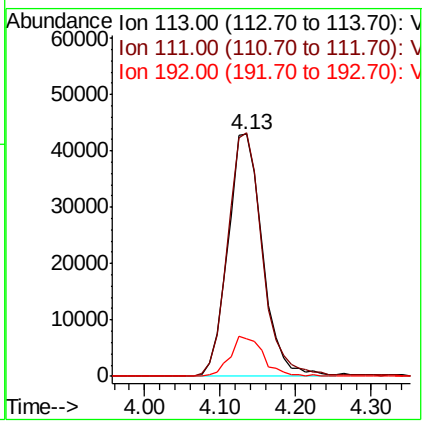


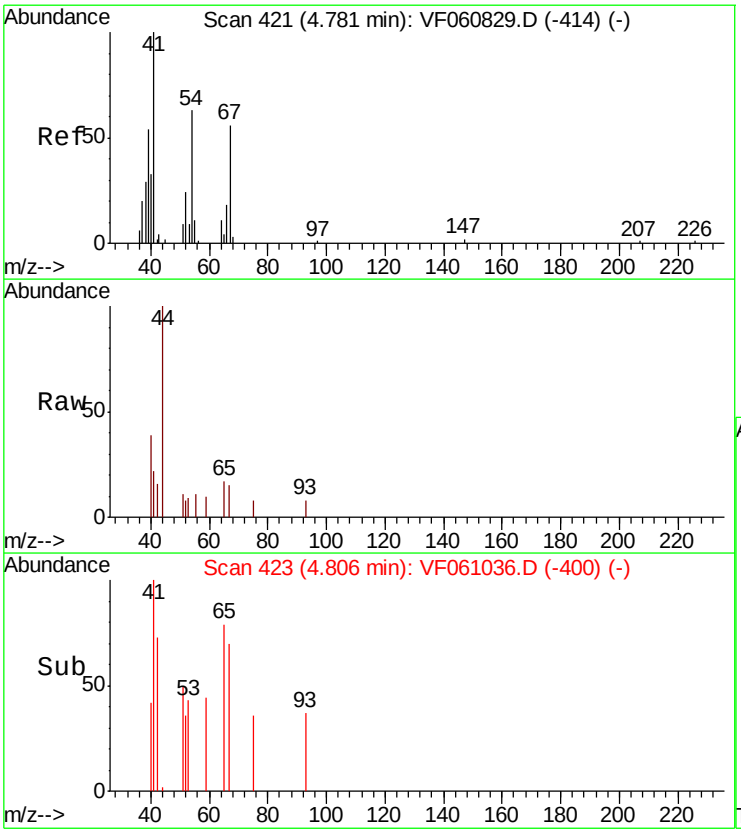
#35
Dibromofluoromethane
Concen: 55.014 ug/l
RT: 4.13 min Scan# 355
Delta R.T. -0.02 min
Lab File: VF061036.D
Acq: 17 Dec 2018 12:44

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion:113 Resp: 135841

Ion	Ratio	Lower	Upper
113	100		
111	100.5	83.0	124.6
192	15.7	12.3	18.5

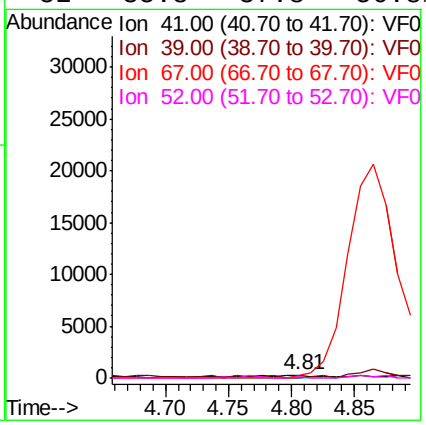


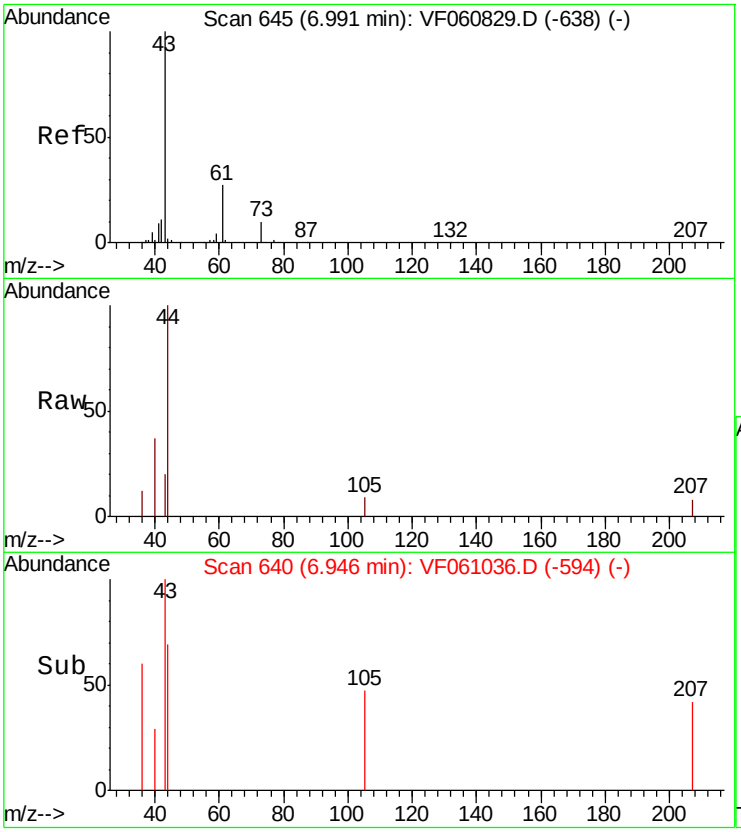


#41
Methacrylonitrile
Concen: Below Cal
RT: 4.81 min Scan# 423
Delta R.T. 0.02 min
Lab File: VF061036.D
Acq: 17 Dec 2018 12:44

Tgt Ion: 41 Resp: 1202

Ion	Ratio	Lower	Upper
41	100		
39	0.0	53.0	79.6#
67	70.3	43.8	65.6#
52	35.8	37.8	56.8#



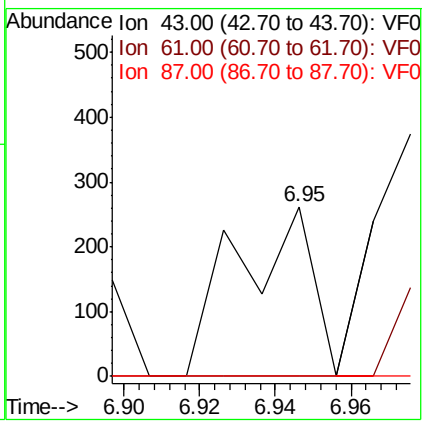


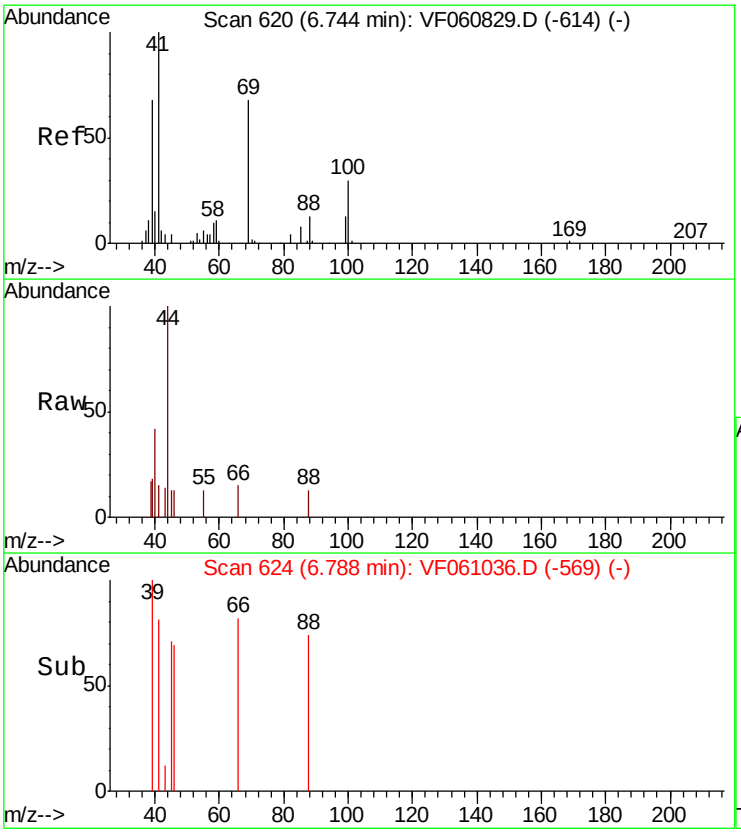
#43
Isopropyl Acetate
Concen: Below Cal
RT: 6.95 min Scan# 640
Delta R.T. -0.04 min
Lab File: VF061036.D
Acq: 17 Dec 2018 12:44

Instrument : MSVOA_F
ClientSampleId :

Tgt Ion: 43 Resp: 364

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

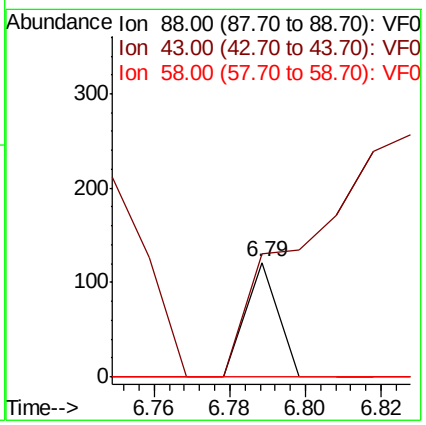


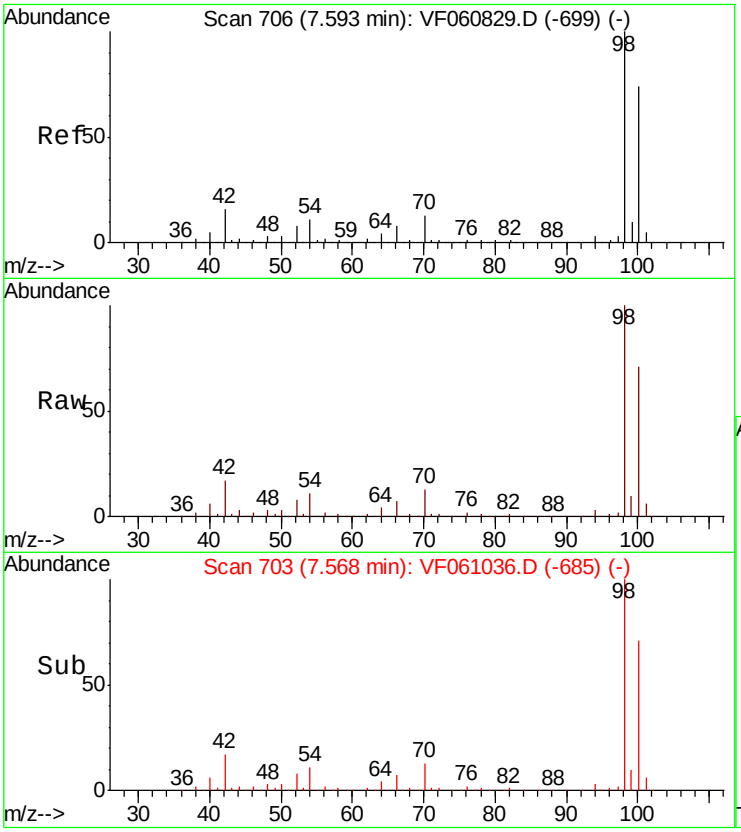


#49
1,4-Dioxane
Concen: 7.747 ug/l
RT: 6.79 min Scan# 624
Delta R.T. 0.04 min
Lab File: VF061036.D
Acq: 17 Dec 2018 12:44

Tgt Ion: 88 Resp: 72

Ion	Ratio	Lower	Upper
88	100		
43	107.4	42.0	63.0#
58	0.0	61.8	92.8#



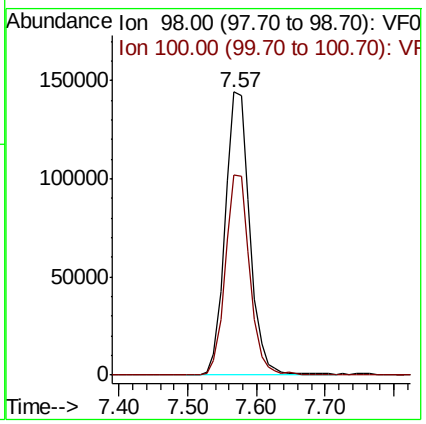


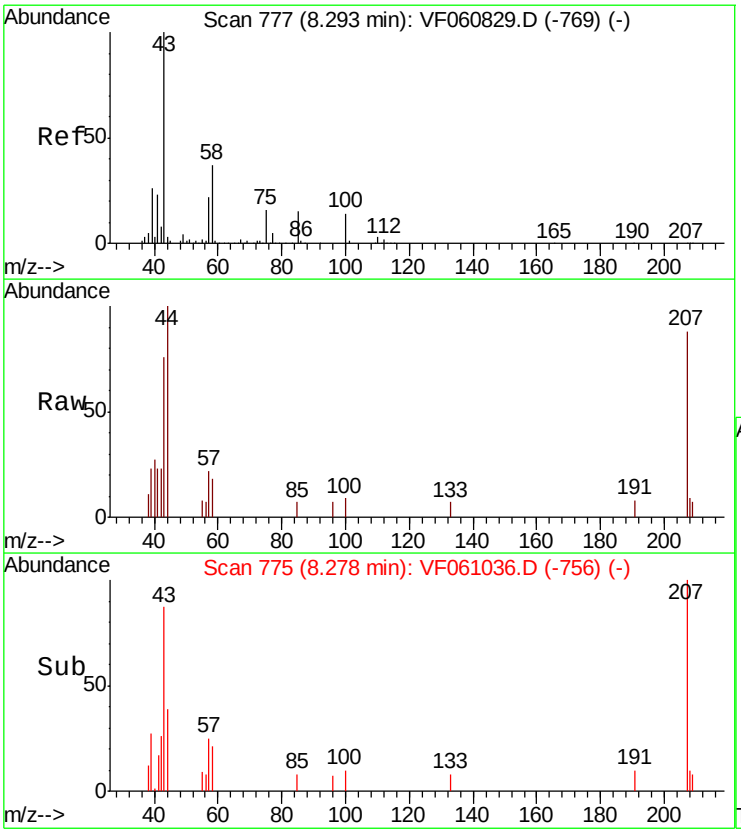
#50
Toluene-d8
Concen: 48.977 ug/l
RT: 7.57 min Scan# 703
Delta R.T. -0.02 min
Lab File: VF061036.D
Acq: 17 Dec 2018 12:44

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 98 Resp: 356235

Ion	Ratio	Lower	Upper
98	100		
100	70.9	59.3	88.9

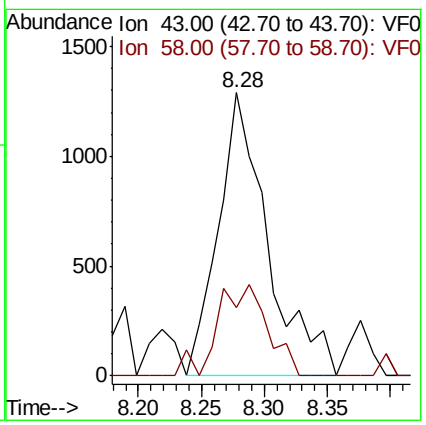


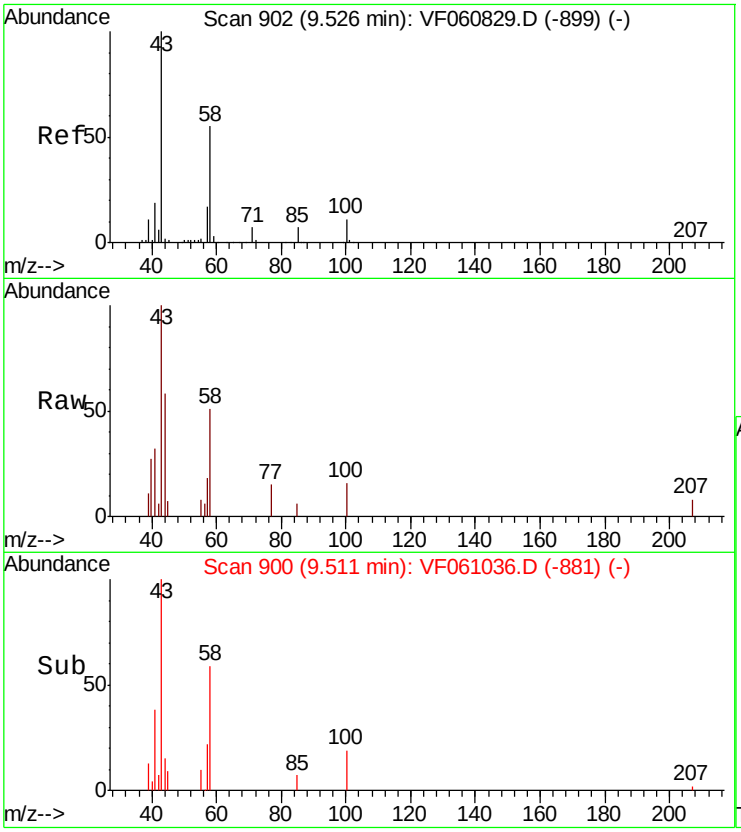


#51
4-Methyl-2-Pentanone
Concen: 2.713 ug/l
RT: 8.28 min Scan# 775
Delta R.T. -0.02 min
Lab File: VF061036.D
Acq: 17 Dec 2018 12:44

Tgt Ion: 43 Resp: 3510

Ion	Ratio	Lower	Upper
43	100		
58	24.0	29.7	44.5#



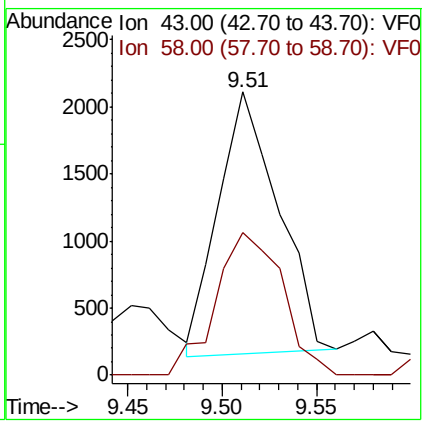


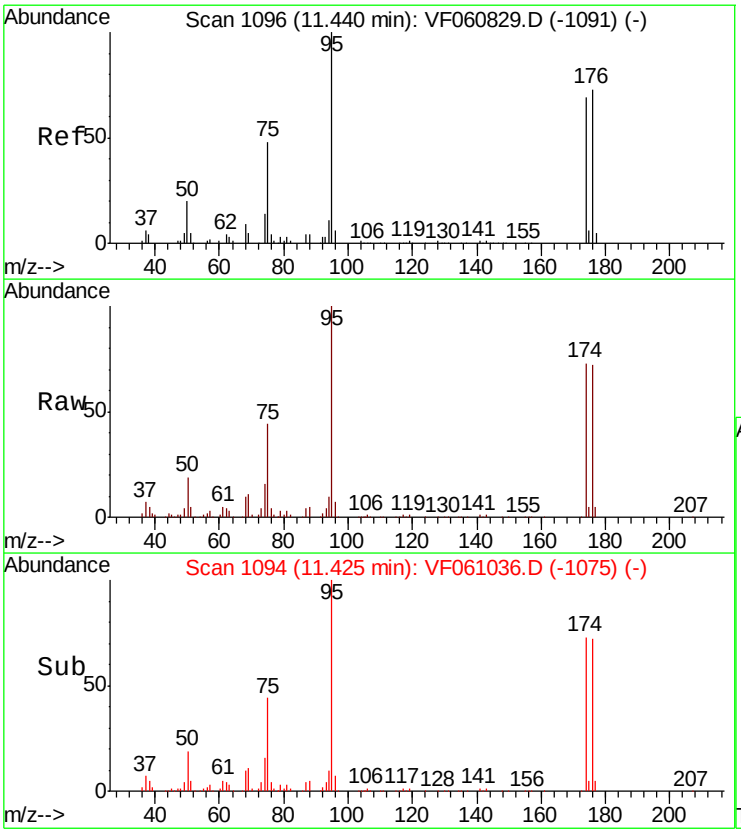
#59
2-Hexanone
Concen: 4.741 ug/l
RT: 9.51 min Scan# 900
Delta R.T. -0.02 min
Lab File: VF061036.D
Acq: 17 Dec 2018 12:44

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 43 Resp: 4303

Ion	Ratio	Lower	Upper
43	100		
58	50.6	25.6	76.6

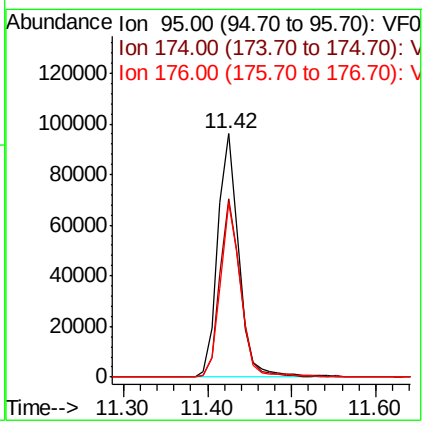


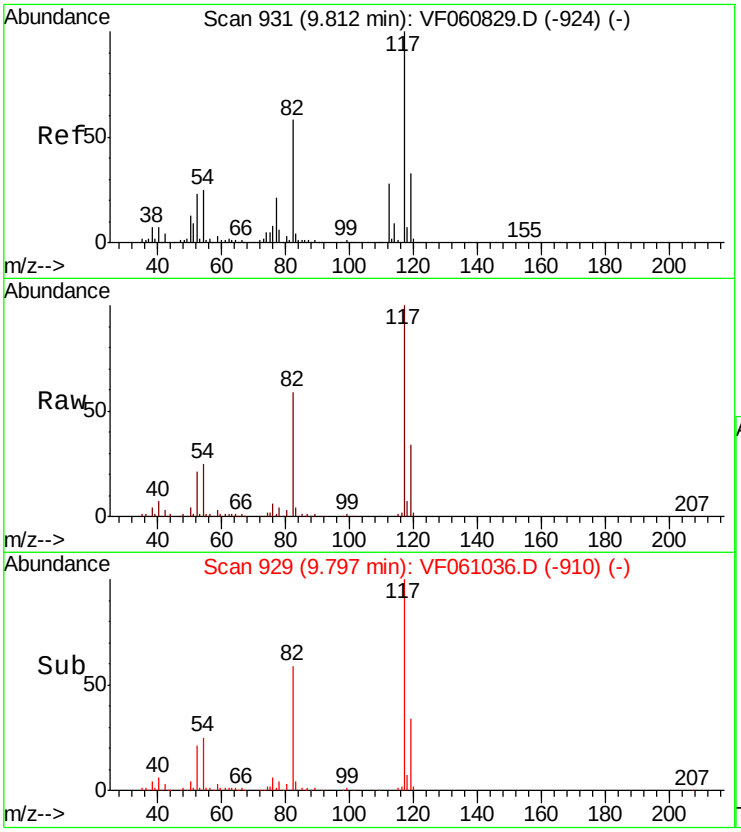


#62
4-Bromofluorobenzene
Concen: 50.818 ug/l
RT: 11.42 min Scan# 1094
Delta R.T. -0.02 min
Lab File: VF061036.D
Acq: 17 Dec 2018 12:44

Tgt Ion: 95 Resp: 167991

Ion	Ratio	Lower	Upper
95	100		
174	73.1	0.0	138.2
176	71.8	0.0	146.2



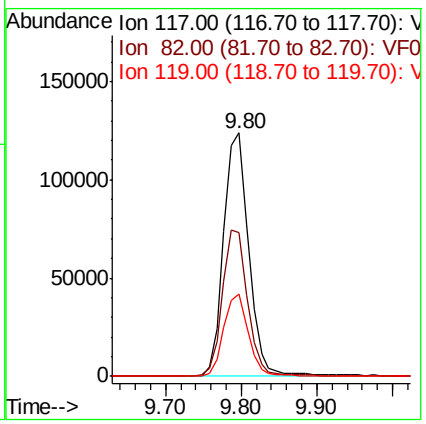


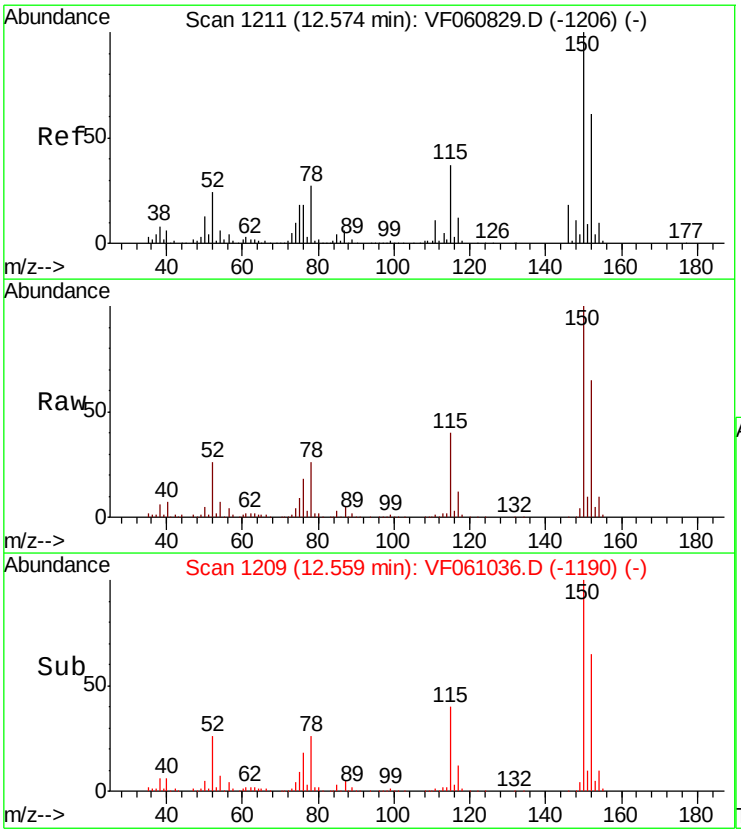
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.80 min Scan# 929
Delta R.T. -0.02 min
Lab File: VF061036.D
Acq: 17 Dec 2018 12:44

Instrument : MSVOA_F
ClientSampleId :

Tgt Ion:117 Resp: 286922

Ion	Ratio	Lower	Upper
117	100		
82	59.3	46.6	69.8
119	33.8	26.4	39.6

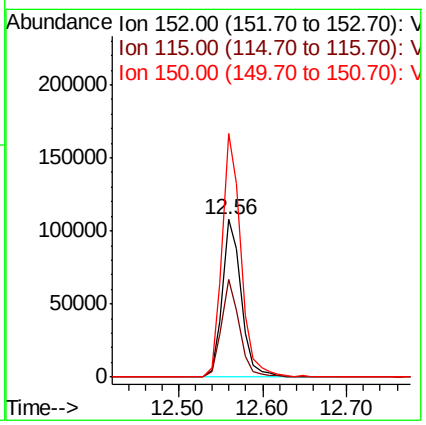


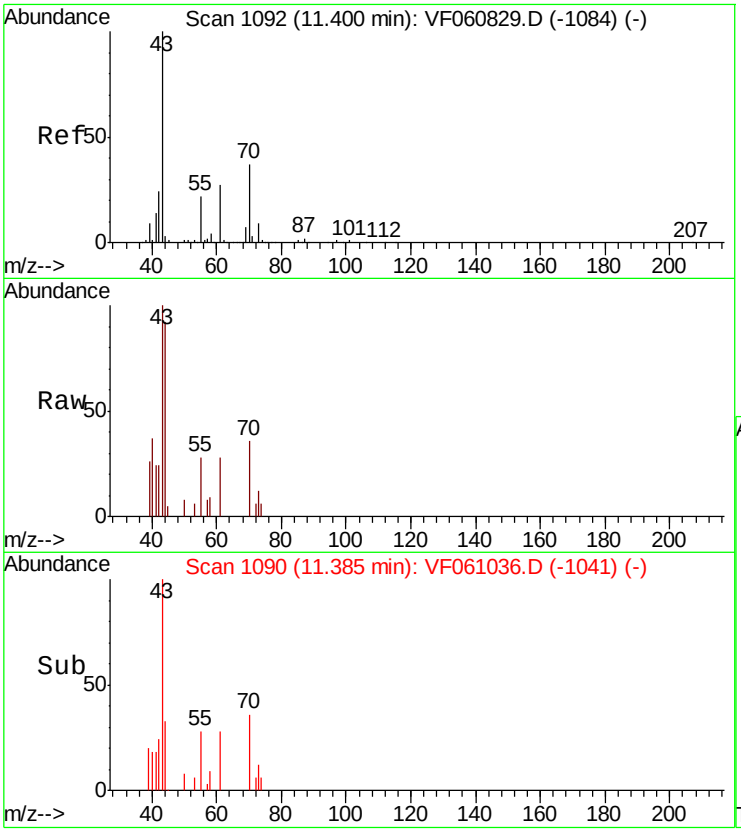


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.56 min Scan# 1209
Delta R.T. -0.02 min
Lab File: VF061036.D
Acq: 17 Dec 2018 12:44

Tgt Ion:152 Resp: 169313

Ion	Ratio	Lower	Upper
152	100		
115	62.1	30.1	90.5
150	154.8	0.0	327.6



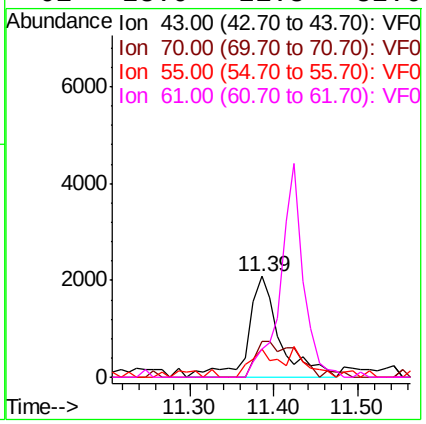


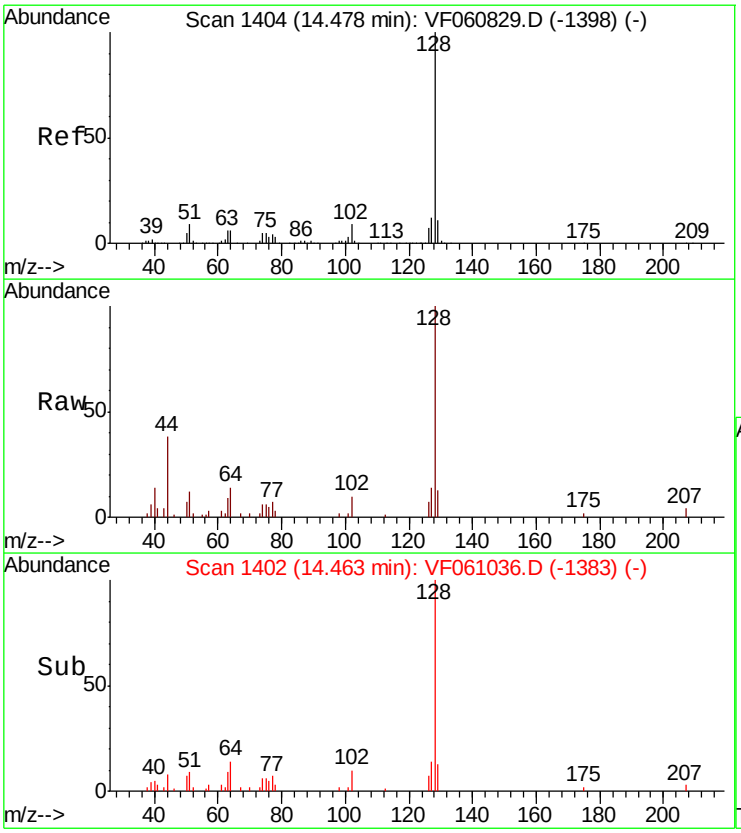
#74
N-amyl acetate
Concen: 1.785 ug/l
RT: 11.39 min Scan# 1090
Delta R.T. -0.02 min
Lab File: VF061036.D
Acq: 17 Dec 2018 12:44

Instrument : MSVOA_F
ClientSampleId :

Tgt Ion: 43 Resp: 5514

Ion	Ratio	Lower	Upper
43	100		
70	35.6	29.6	44.4
55	27.6	17.2	25.8#
61	28.0	21.8	32.6





#95
Naphthalene
Concen: Below Cal
RT: 14.46 min Scan# 1402
Delta R.T. -0.01 min
Lab File: VF061036.D
Acq: 17 Dec 2018 12:44

Tgt Ion:128 Resp: 12349

Ion	Ratio	Lower	Upper
128	100		
127	14.3	9.9	14.9
129	12.7	9.1	13.7