Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF121018\
Data File : VF060951.D
Acq On : 10 Dec 2018 13:55
Operator : VA/AP
Sample : VF1210SBL01
Misc : 5.00g/5mL/MSVOA-F/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId :

Quant Time: Dec 11 04:55:44 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	4.86	168	200628	50.00	ug/l	-0.05
34) 1,4-Difluorobenzene	5.58	114	347593	50.00	ug/l	-0.06
63) Chlorobenzene-d5	9.77	117	316021	50.00	ug/l	-0.05
72) 1,4-Dichlorobenzene-d4	12.55	152	192785	50.00	ug/l	-0.03
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.83	65	138750	58.71	ug/l	-0.05
Spiked Amount 50.000			Recovery = 117.42%			
35) Dibromofluoromethane	4.09	113	152846	55.43	ug/l	-0.06
Spiked Amount 50.000			Recovery = 110.86%			
50) Toluene-d8	7.55	98	402612	49.57	ug/l	-0.05
Spiked Amount 50.000			Recovery = 99.14%			
62) 4-Bromofluorobenzene	11.40	95	200675	54.36	ug/l	-0.04
Spiked Amount 50.000			Recovery = 108.72%			
Target Compounds						Qvalue
11) Tert butyl alcohol	2.57	59	473	4.882	ug/l #	27
13) Acrolein	1.99	56	810	8.824	ug/l #	61
15) Acrylonitrile	2.94	53	1500	6.906	ug/l #	70
16) Acetone	2.16	43	554	1.271	ug/l	95
18) Methyl Acetate	2.37	43	3379	3.072	ug/l #	61
20) Methylene Chloride	2.23	84	3544	2.217	ug/l #	90
25) 2-Butanone	4.33	43	1613	2.140	ug/l #	90
29) Tetrahydrofuran	4.08	42	403	1.261	ug/l #	53
41) Methacrylonitrile	4.72	41	356	Below Cal	#	66
43) Isopropyl Acetate	6.95	43	1339	Below Cal	#	89
51) 4-Methyl-2-Pentanone	8.26	43	5786	4.005	ug/l #	73
59) 2-Hexanone	9.49	43	5974	5.894	ug/l	97
74) N-amyl acetate	11.37	43	5708	1.623	ug/l #	91
95) Naphthalene	14.45	128	10787	Below Cal	#	96

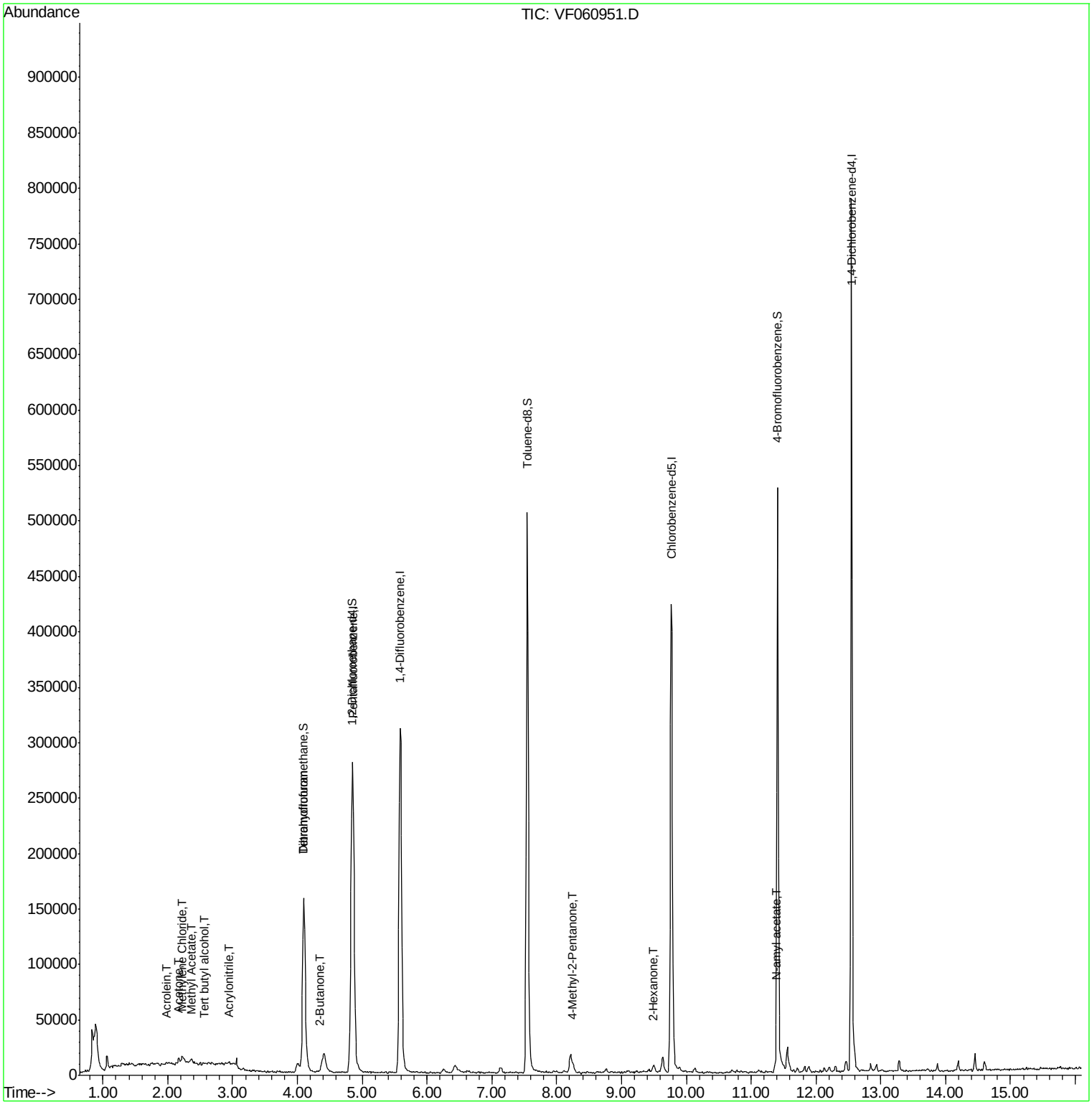
(#) = qualifier out of range (m) = manual integration (+) = signals summed

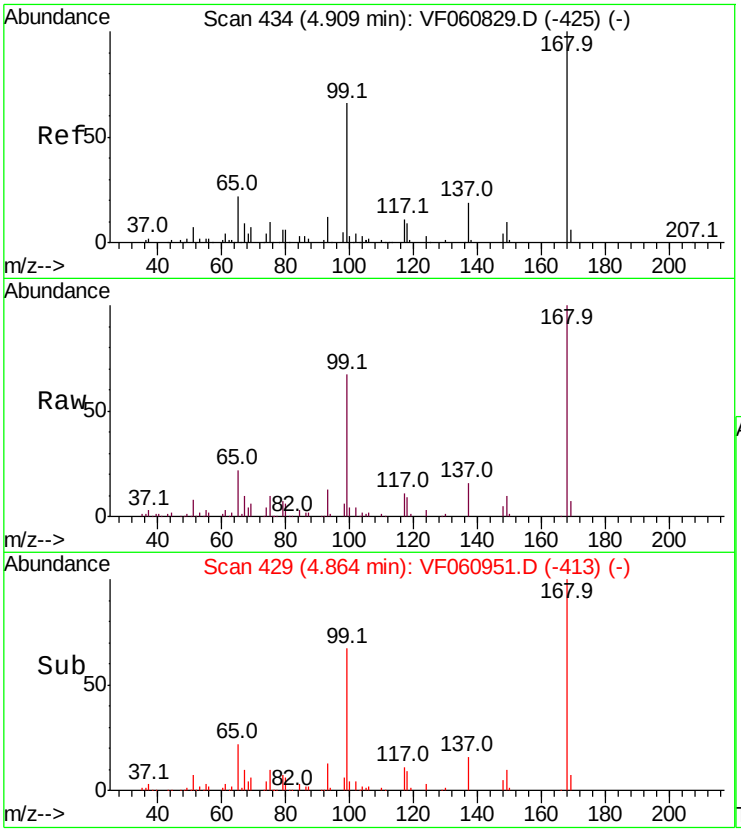
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF121018\
Data File : VF060951.D
Acq On : 10 Dec 2018 13:55
Operator : VA/AP
Sample : VF1210SBL01
Misc : 5.00g/5mL/MSVOA-F/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :

Quant Time: Dec 11 04:55:44 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



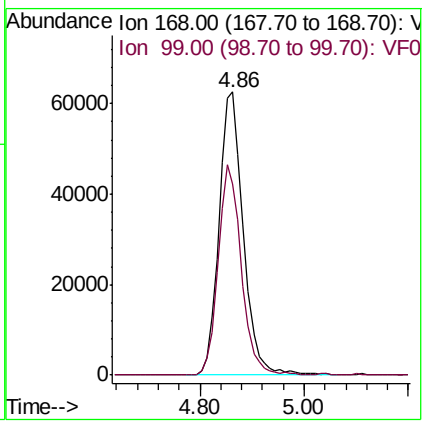


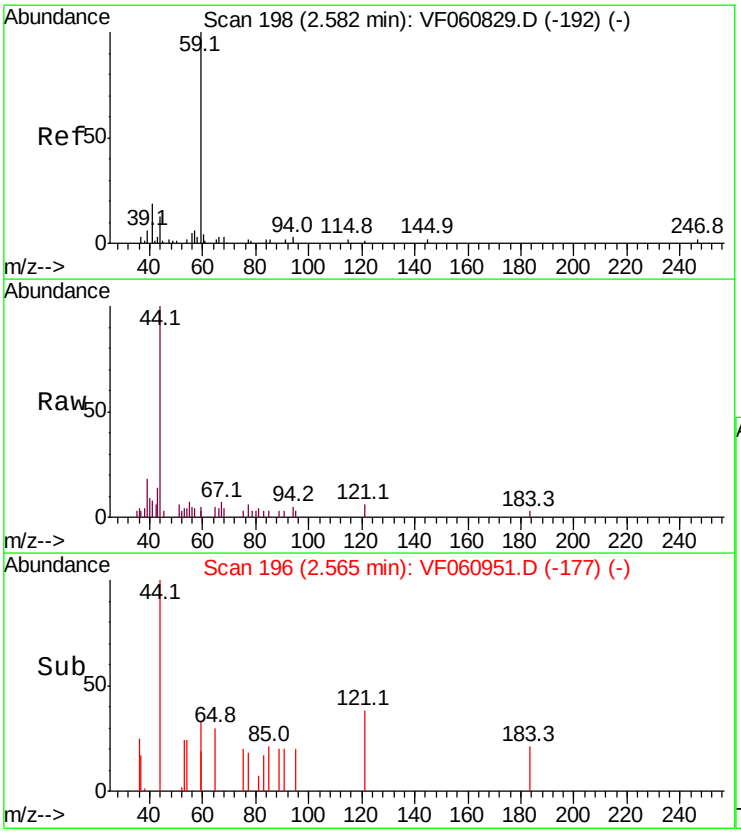
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 4.86 min Scan# 429
Delta R.T. -0.05 min
Lab File: VF060951.D
Acq: 10 Dec 2018 13:55

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion:168 Resp: 200628

Ion	Ratio	Lower	Upper
168	100		
99	67.4	52.6	79.0

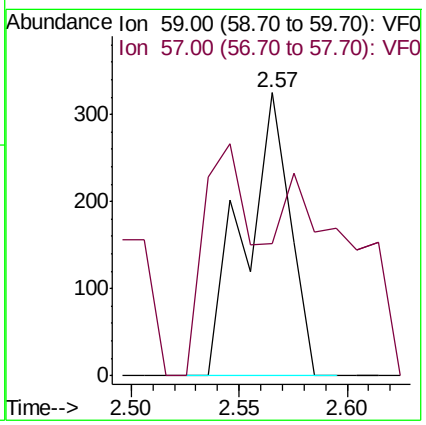


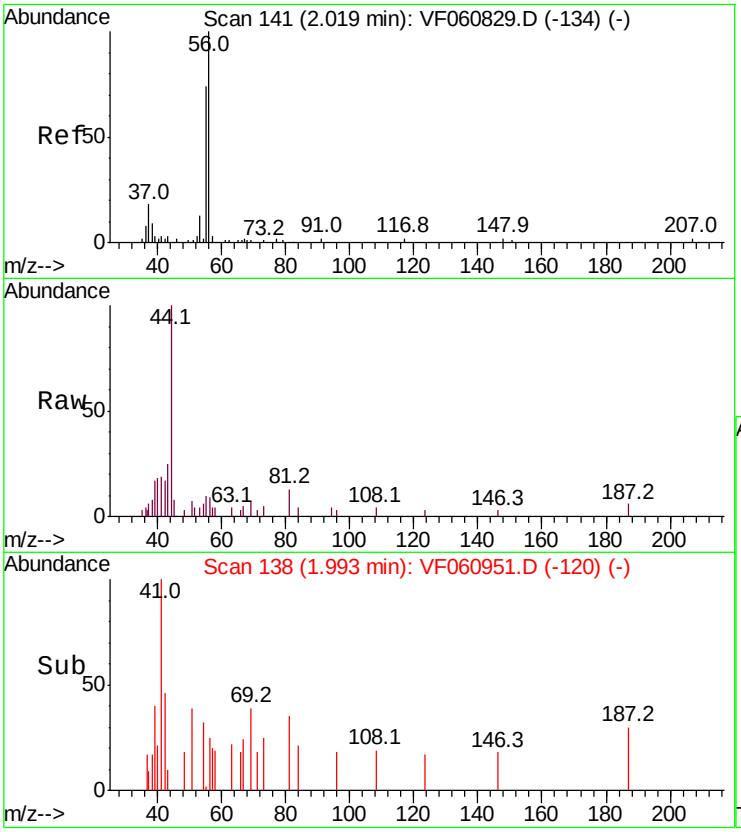


#11
Tert butyl alcohol
Concen: 4.882 ug/l
RT: 2.57 min Scan# 196
Delta R.T. -0.02 min
Lab File: VF060951.D
Acq: 10 Dec 2018 13:55

Tgt Ion: 59 Resp: 473

Ion	Ratio	Lower	Upper
59	100		
57	46.8	12.7	19.1#



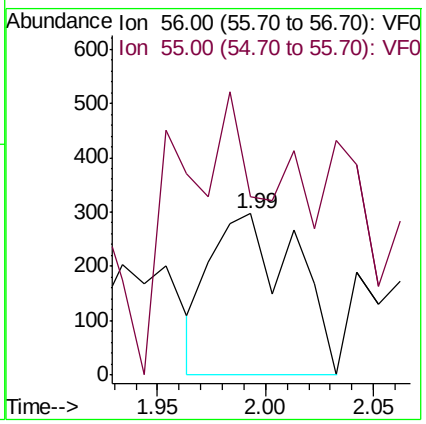


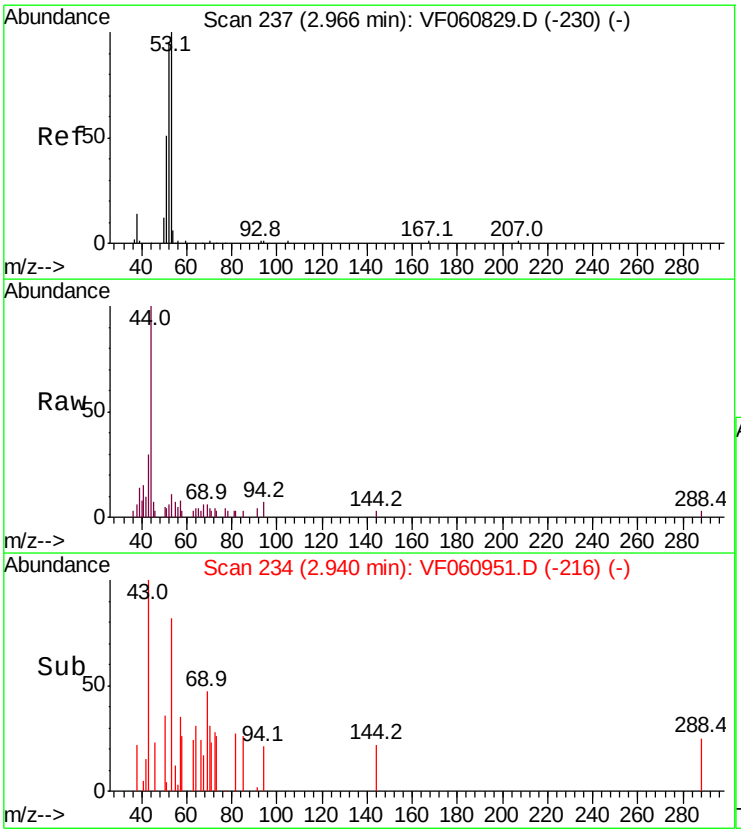
#13
Acrolein
Concen: 8.824 ug/l
RT: 1.99 min Scan# 138
Delta R.T. -0.03 min
Lab File: VF060951.D
Acq: 10 Dec 2018 13:55

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 56 Resp: 810

Ion	Ratio	Lower	Upper
56	100		
55	110.1	61.2	91.8#

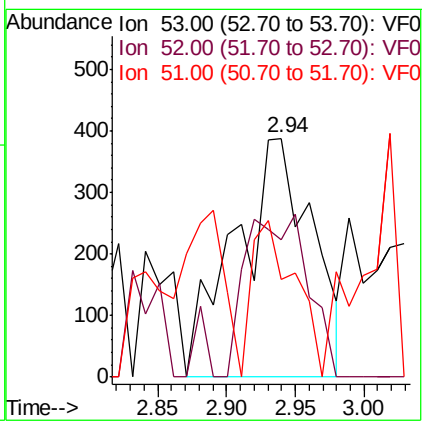


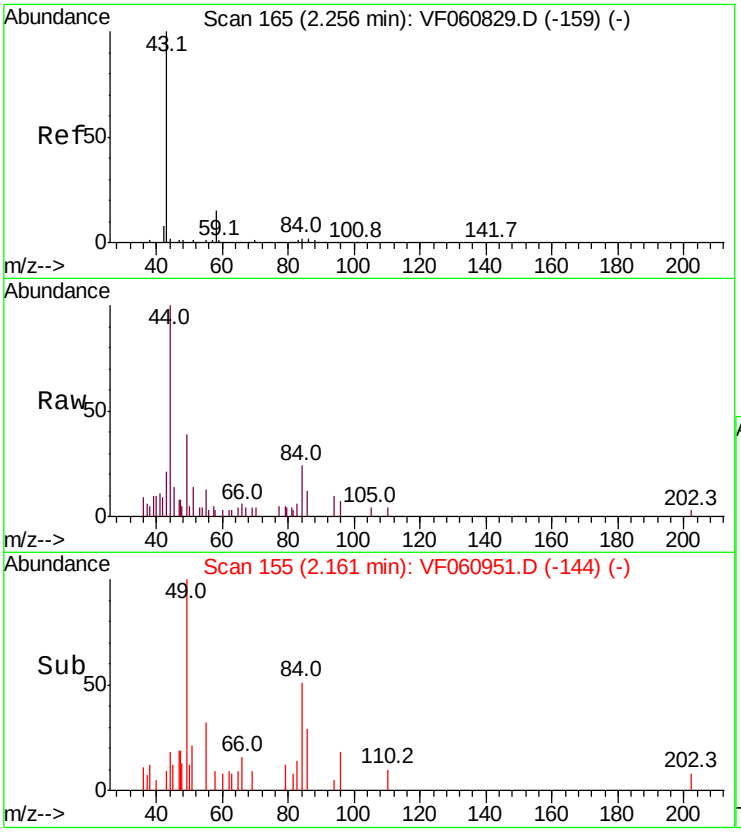


#15
Acrylonitrile
Concen: 6.906 ug/l
RT: 2.94 min Scan# 234
Delta R.T. -0.03 min
Lab File: VF060951.D
Acq: 10 Dec 2018 13:55

Tgt Ion: 53 Resp: 1500

Ion	Ratio	Lower	Upper
53	100		
52	57.5	76.5	114.7#
51	41.0	40.7	61.1



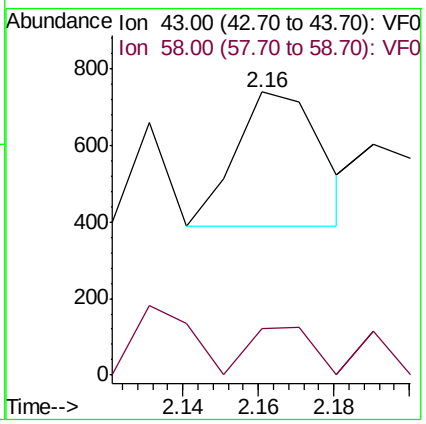


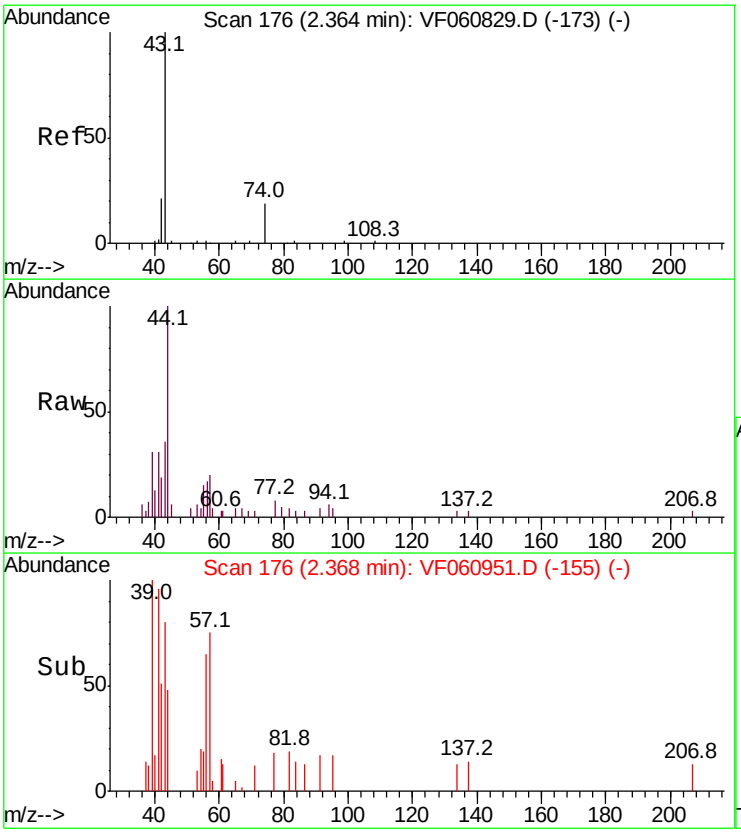
#16
Acetone
Concen: 1.271 ug/l
RT: 2.16 min Scan# 155
Delta R.T. -0.10 min
Lab File: VF060951.D
Acq: 10 Dec 2018 13:55

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 43 Resp: 554

Ion	Ratio	Lower	Upper
43	100		
58	16.3	11.4	17.2

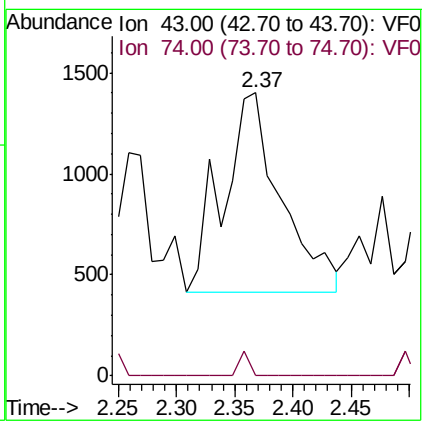


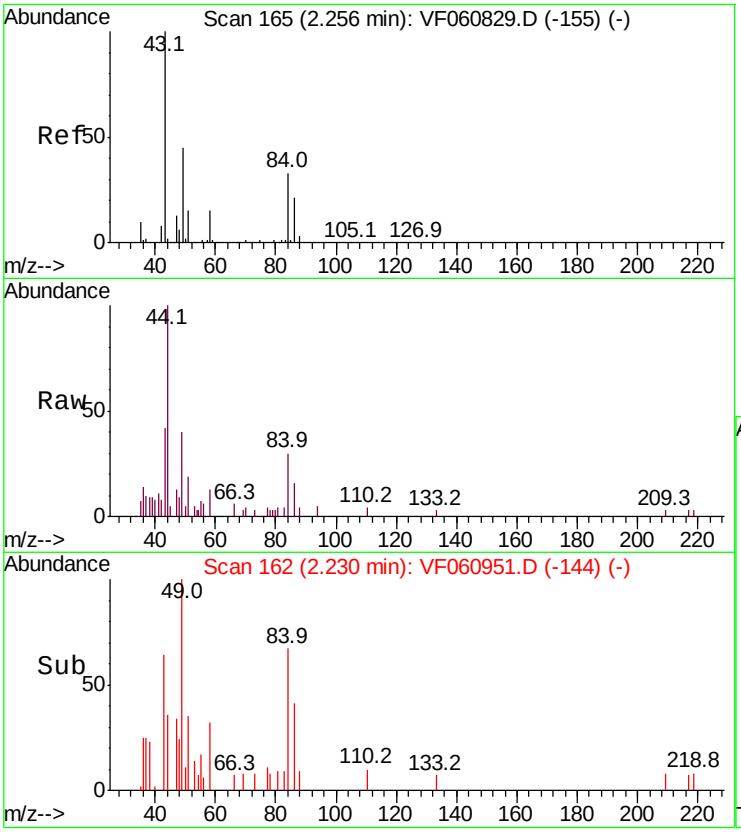


#18
Methyl Acetate
Concen: 3.072 ug/l
RT: 2.37 min Scan# 176
Delta R.T. 0.00 min
Lab File: VF060951.D
Acq: 10 Dec 2018 13:55

Tgt Ion: 43 Resp: 3379

Ion	Ratio	Lower	Upper
43	100		
74	0.0	13.3	19.9#



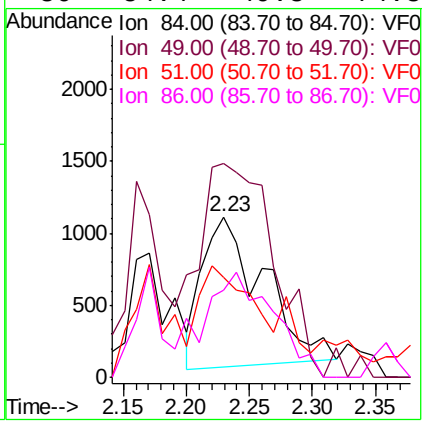


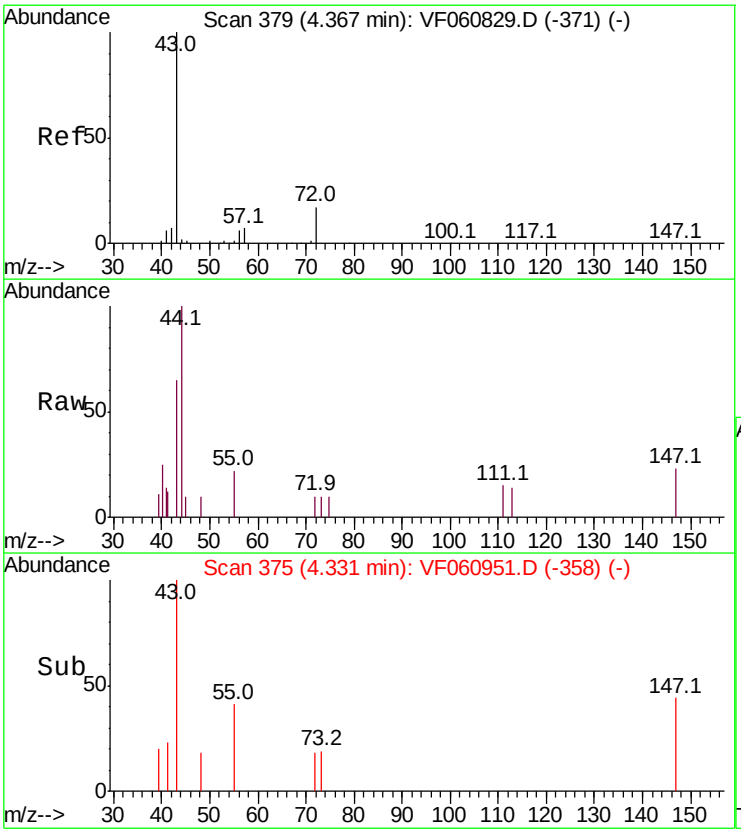
#20
Methylene Chloride
Concen: 2.217 ug/l
RT: 2.23 min Scan# 162
Delta R.T. -0.03 min
Lab File: VF060951.D
Acq: 10 Dec 2018 13:55

Instrument : MSVOA_F
ClientSampleId :

Tgt Ion: 84 Resp: 3544

Ion	Ratio	Lower	Upper
84	100		
49	133.2	111.3	166.9
51	62.6	38.0	57.0#
86	54.4	49.8	74.8

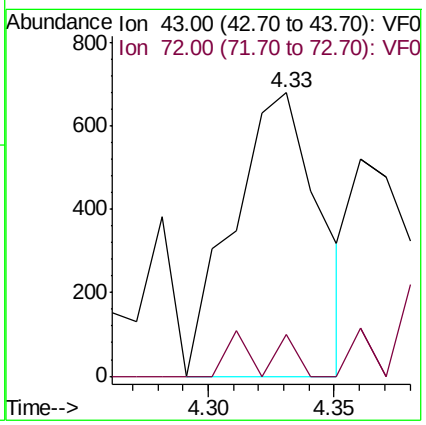


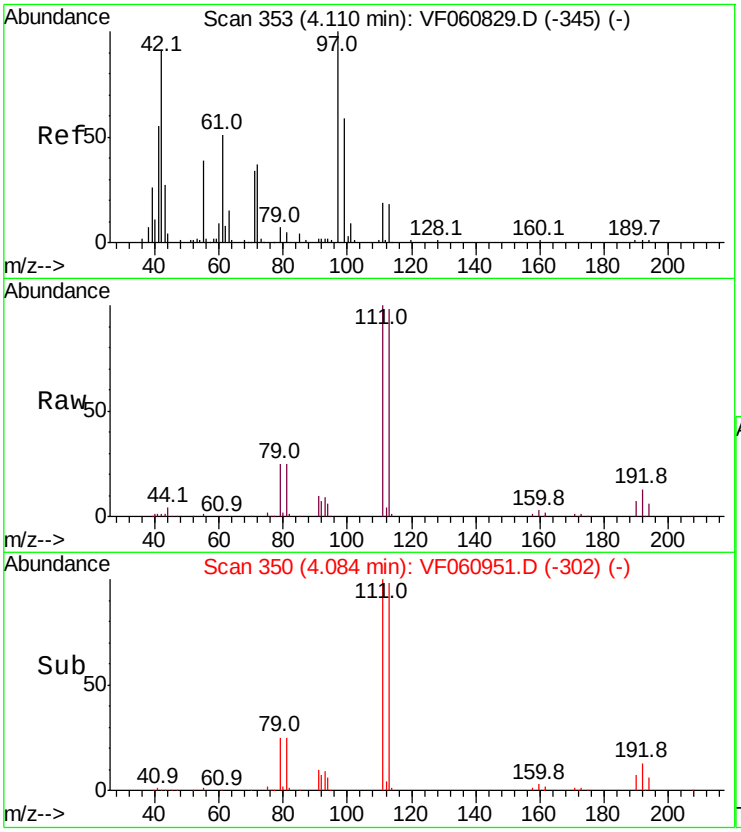


#25
2-Butanone
Concen: 2.140 ug/l
RT: 4.33 min Scan# 375
Delta R.T. -0.04 min
Lab File: VF060951.D
Acq: 10 Dec 2018 13:55

Tgt Ion: 43 Resp: 1613

Ion	Ratio	Lower	Upper
43	100		
72	14.7	15.4	23.2#



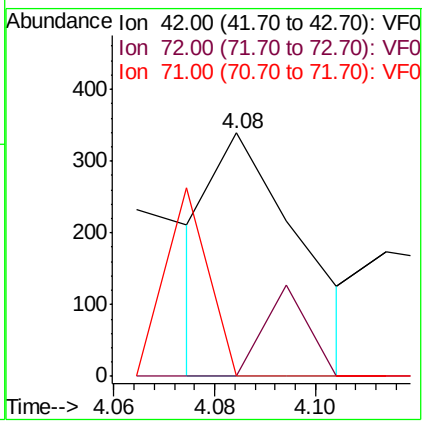


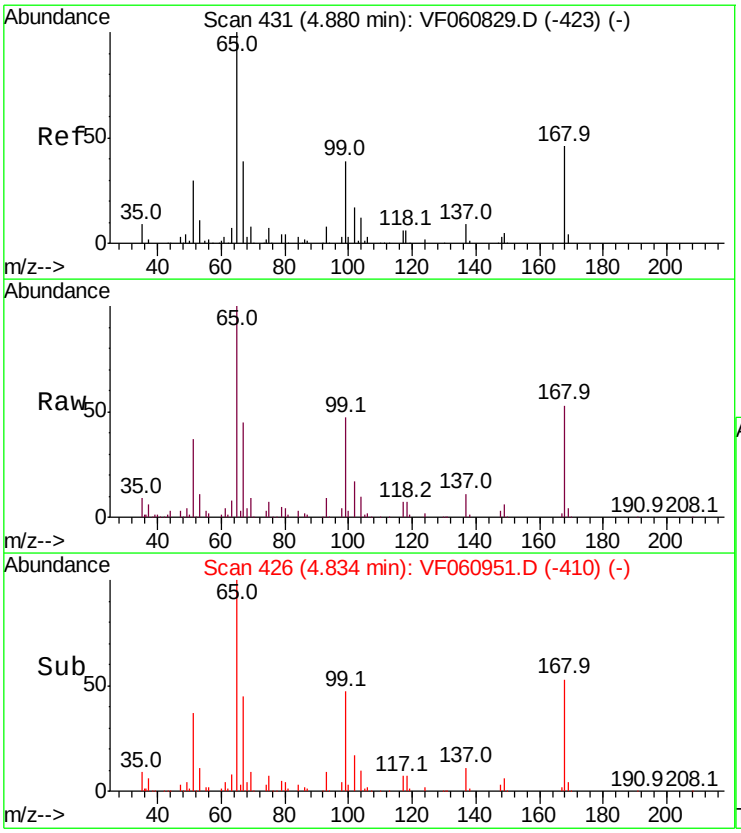
#29
Tetrahydrofuran
Concen: 1.261 ug/l
RT: 4.08 min Scan# 350
Delta R.T. -0.03 min
Lab File: VF060951.D
Acq: 10 Dec 2018 13:55

Instrument : MSVOA_F
ClientSampleId :

Tgt Ion: 42 Resp: 403

Ion	Ratio	Lower	Upper
42	100		
72	18.9	31.9	47.9#
71	0.0	28.7	43.1#

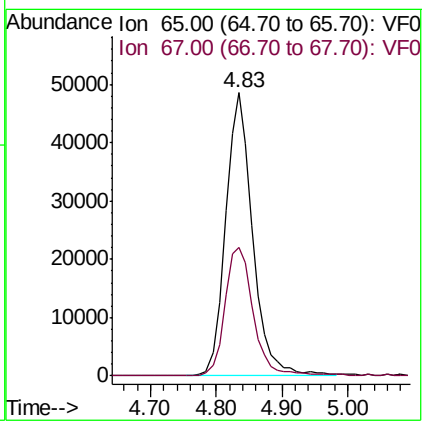


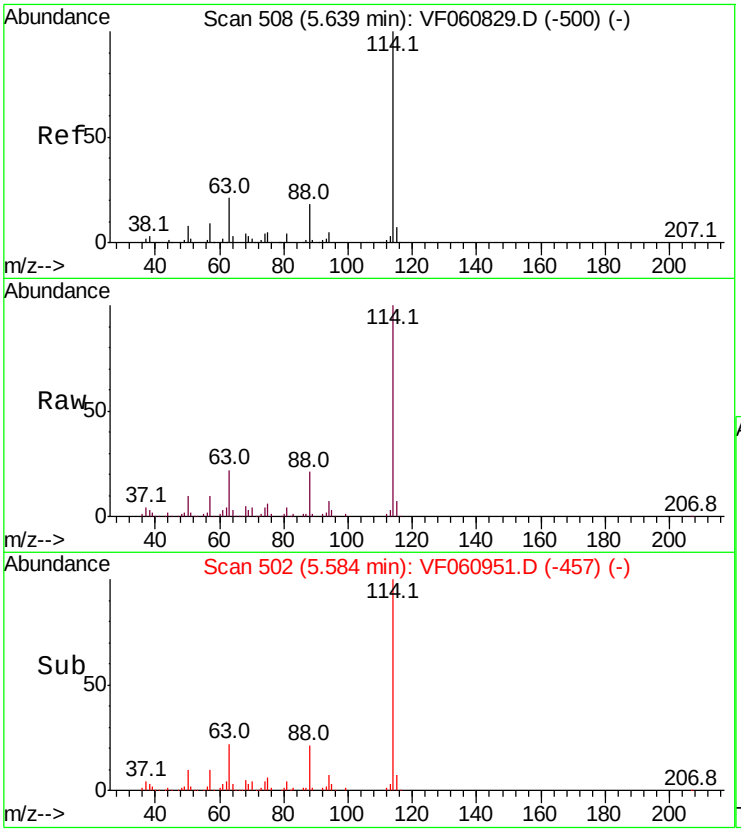


#33
1,2-Dichloroethane-d4
Concen: 58.706 ug/l
RT: 4.83 min Scan# 426
Delta R.T. -0.05 min
Lab File: VF060951.D
Acq: 10 Dec 2018 13:55

Tgt Ion: 65 Resp: 138750

Ion	Ratio	Lower	Upper
65	100		
67	45.5	0.0	96.4



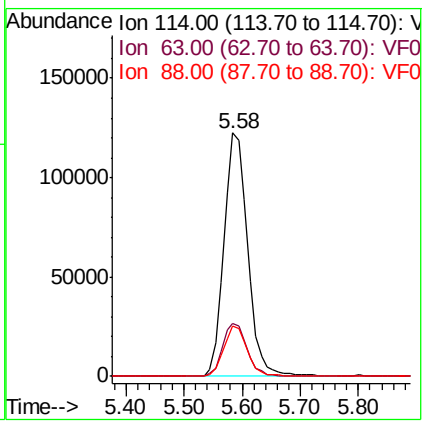


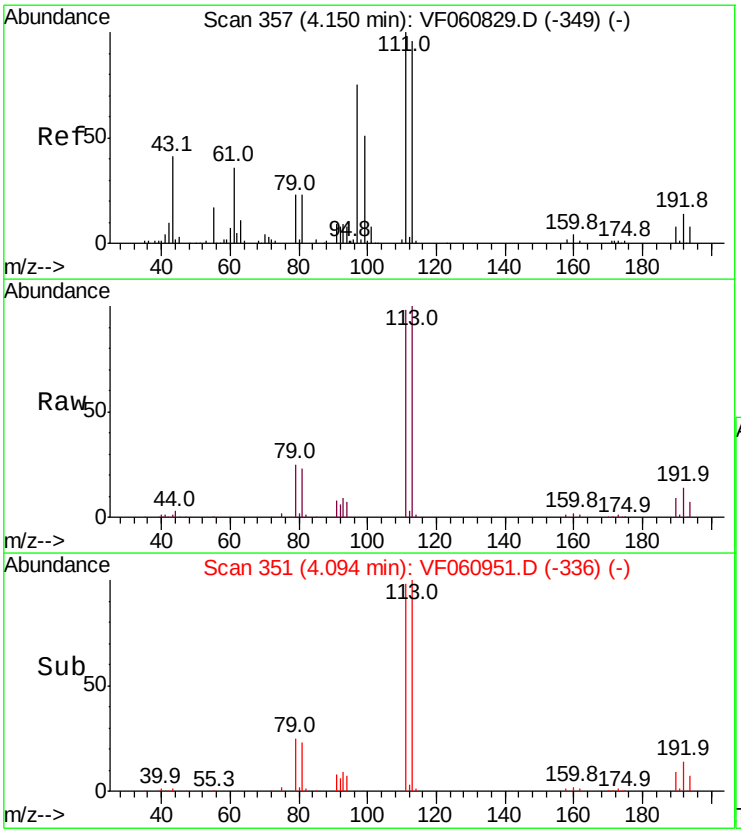
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.58 min Scan# 502
Delta R.T. -0.06 min
Lab File: VF060951.D
Acq: 10 Dec 2018 13:55

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion:114 Resp: 347593

Ion	Ratio	Lower	Upper
114	100		
63	21.9	0.0	41.6
88	20.5	0.0	36.6

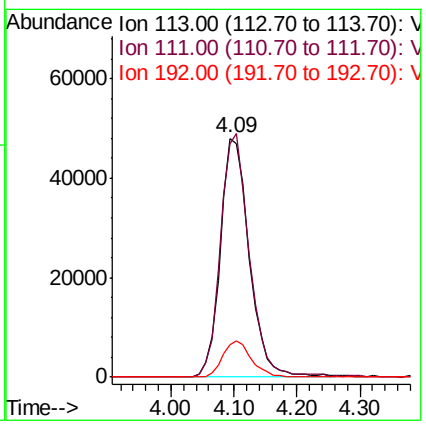


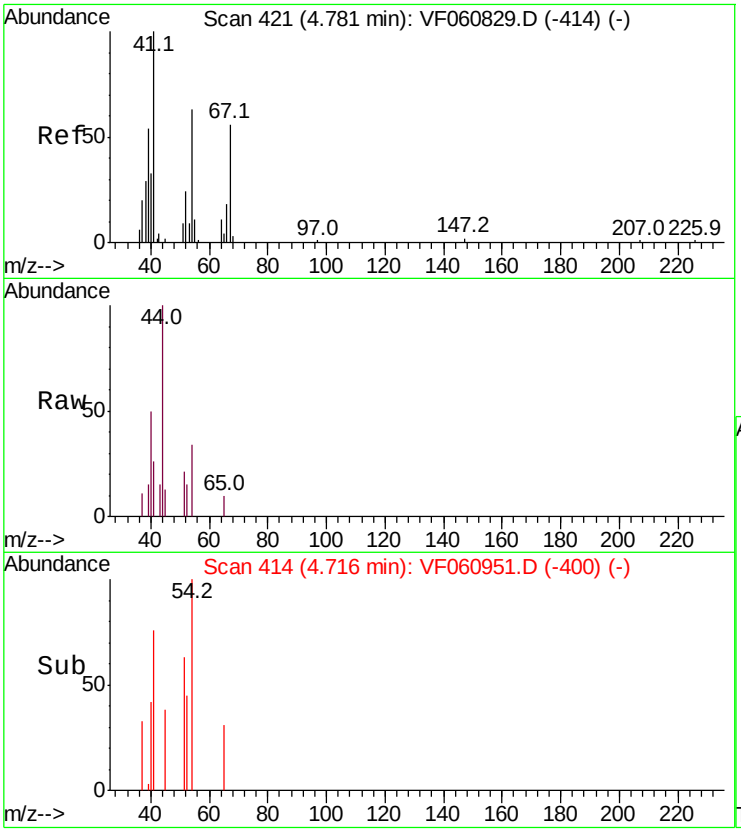


#35
Dibromofluoromethane
Concen: 55.428 ug/l
RT: 4.09 min Scan# 351
Delta R.T. -0.06 min
Lab File: VF060951.D
Acq: 10 Dec 2018 13:55

Tgt Ion:113 Resp: 152846

Ion	Ratio	Lower	Upper
113	100		
111	98.0	83.0	124.6
192	13.6	12.3	18.5



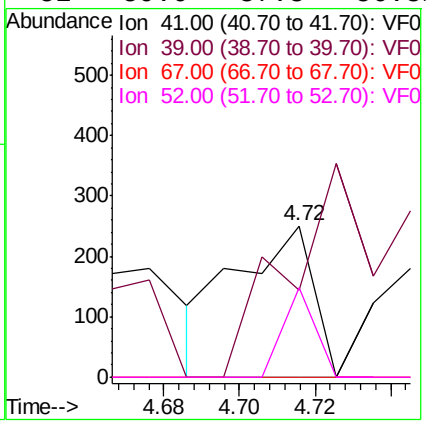


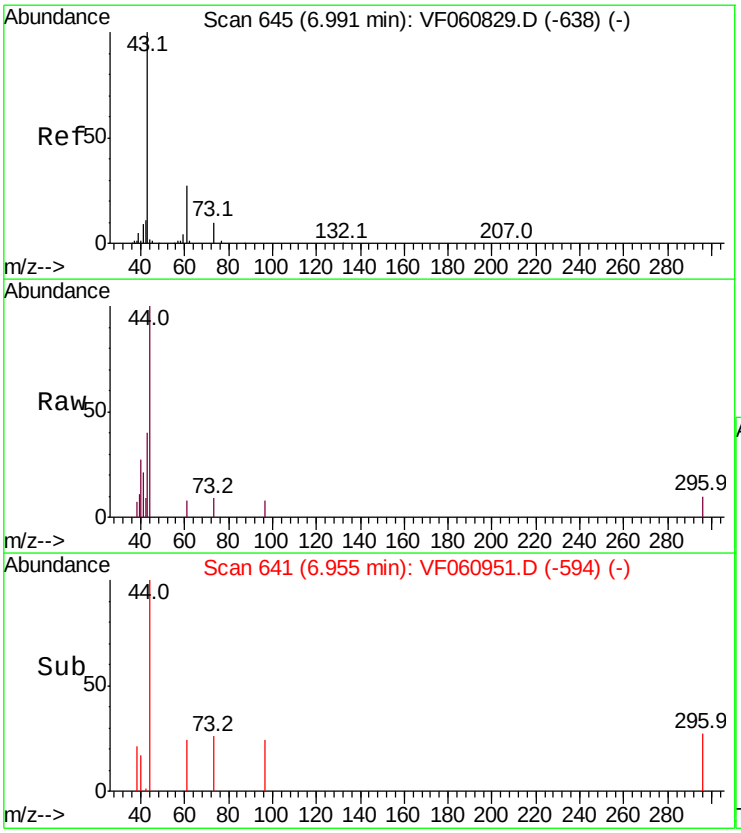
#41
Methacrylonitrile
Concen: Below Cal
RT: 4.72 min Scan# 414
Delta R.T. -0.07 min
Lab File: VF060951.D
Acq: 10 Dec 2018 13:55

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 41 Resp: 356

Ion	Ratio	Lower	Upper
41	100		
39	57.0	53.0	79.6
67	0.0	43.8	65.6#
52	59.0	37.8	56.8#

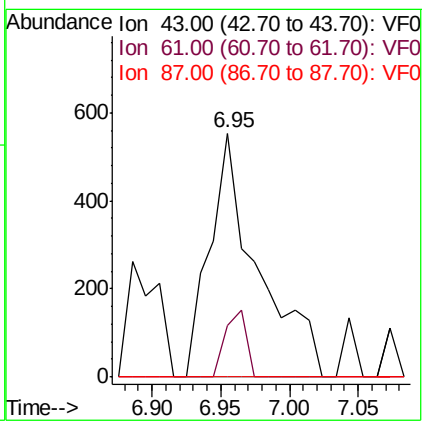


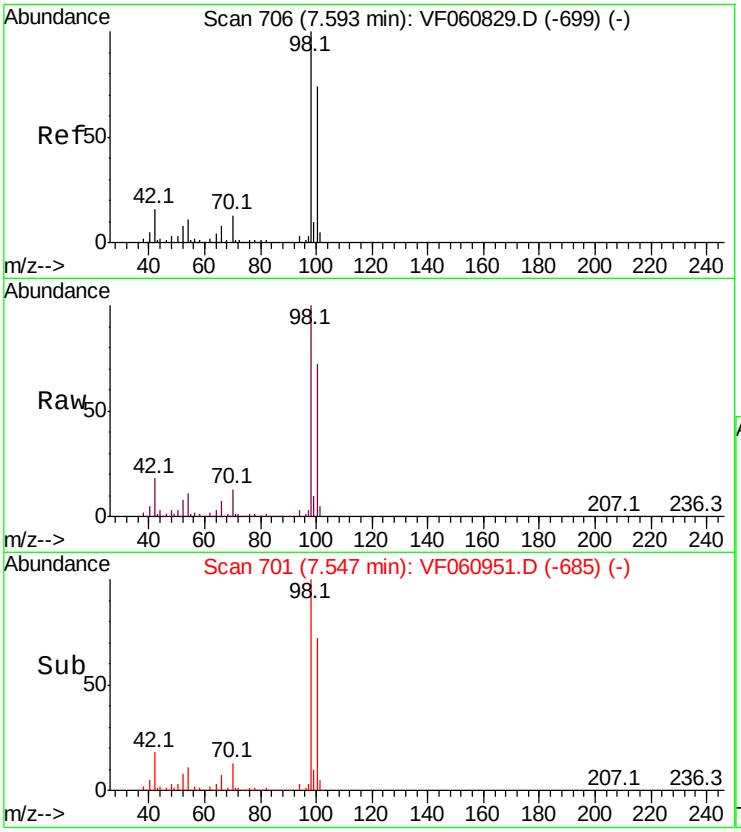


#43
Isopropyl Acetate
Concen: Below Cal
RT: 6.95 min Scan# 641
Delta R.T. -0.04 min
Lab File: VF060951.D
Acq: 10 Dec 2018 13:55

Tgt Ion: 43 Resp: 1339

Ion	Ratio	Lower	Upper
43	100		
61	21.0	21.4	32.0#
87	0.0	0.2	0.4#



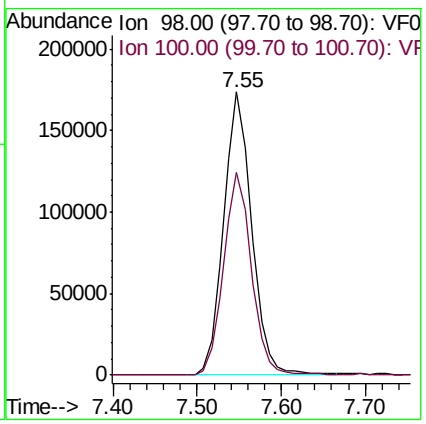


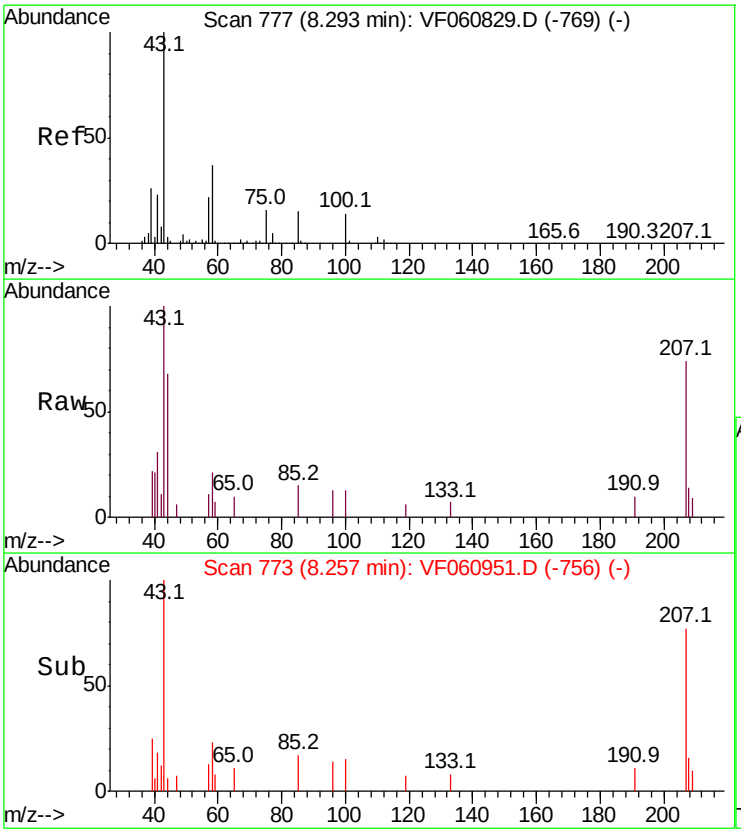
#50
Toluene-d8
Concen: 49.565 ug/l
RT: 7.55 min Scan# 701
Delta R.T. -0.05 min
Lab File: VF060951.D
Acq: 10 Dec 2018 13:55

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 98 Resp: 402612

Ion	Ratio	Lower	Upper
98	100		
100	71.8	59.3	88.9

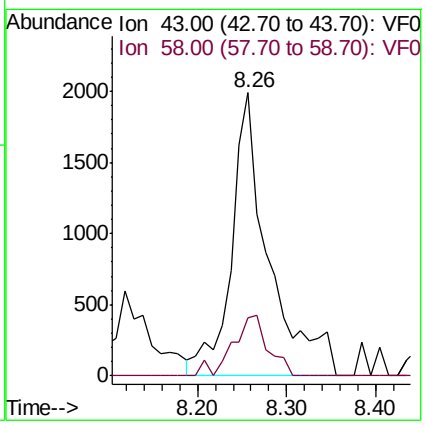


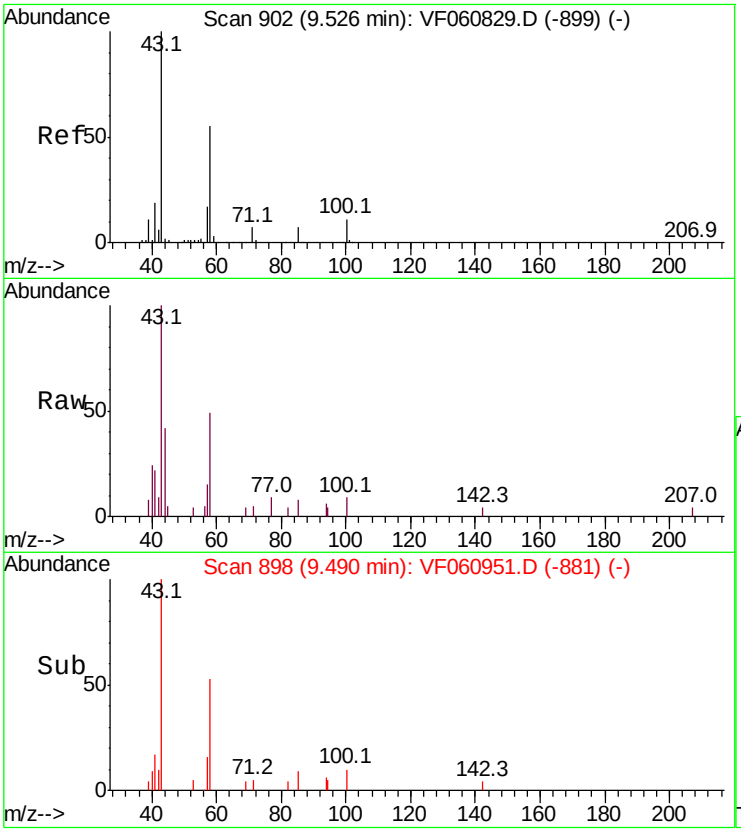


#51
4-Methyl-2-Pentanone
Concen: 4.005 ug/l
RT: 8.26 min Scan# 773
Delta R.T. -0.04 min
Lab File: VF060951.D
Acq: 10 Dec 2018 13:55

Tgt Ion: 43 Resp: 5786

Ion	Ratio	Lower	Upper
43	100		
58	20.7	29.7	44.5#



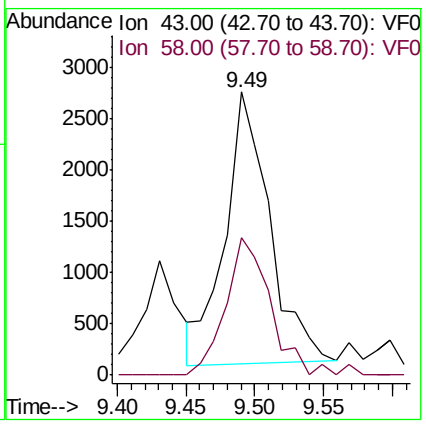


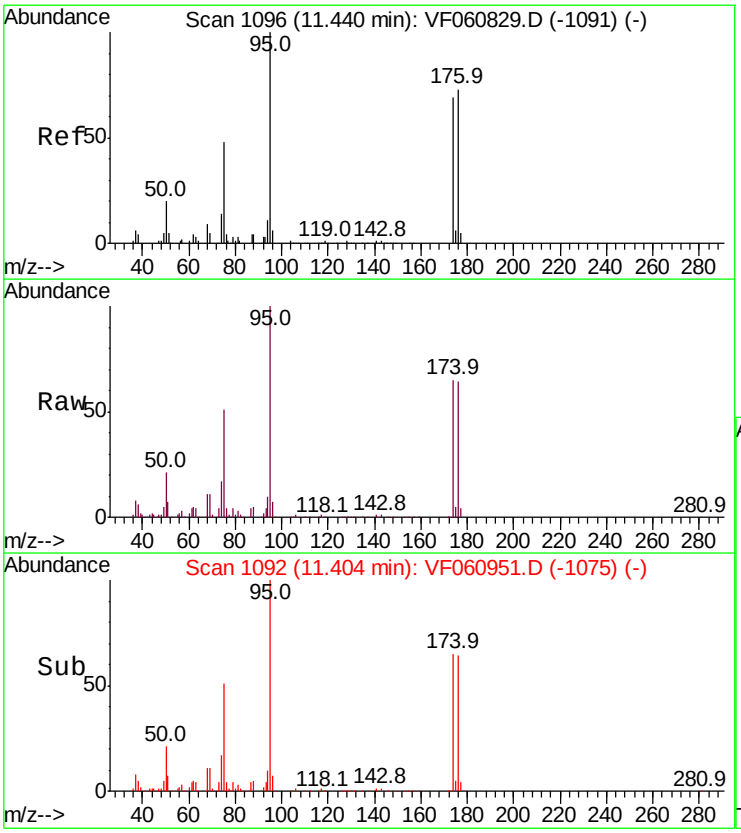
#59
2-Hexanone
Concen: 5.894 ug/l
RT: 9.49 min Scan# 898
Delta R.T. -0.04 min
Lab File: VF060951.D
Acq: 10 Dec 2018 13:55

Instrument : MSVOA_F
ClientSampleId :

Tgt Ion: 43 Resp: 5974

Ion	Ratio	Lower	Upper
43	100		
58	48.7	25.6	76.6

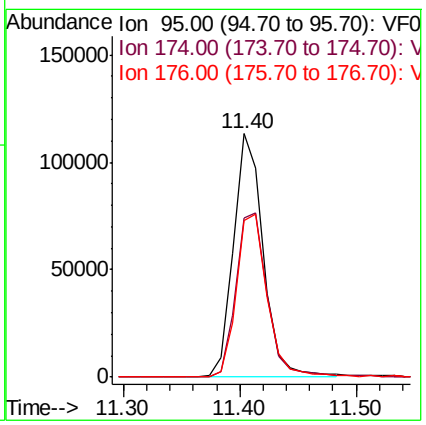


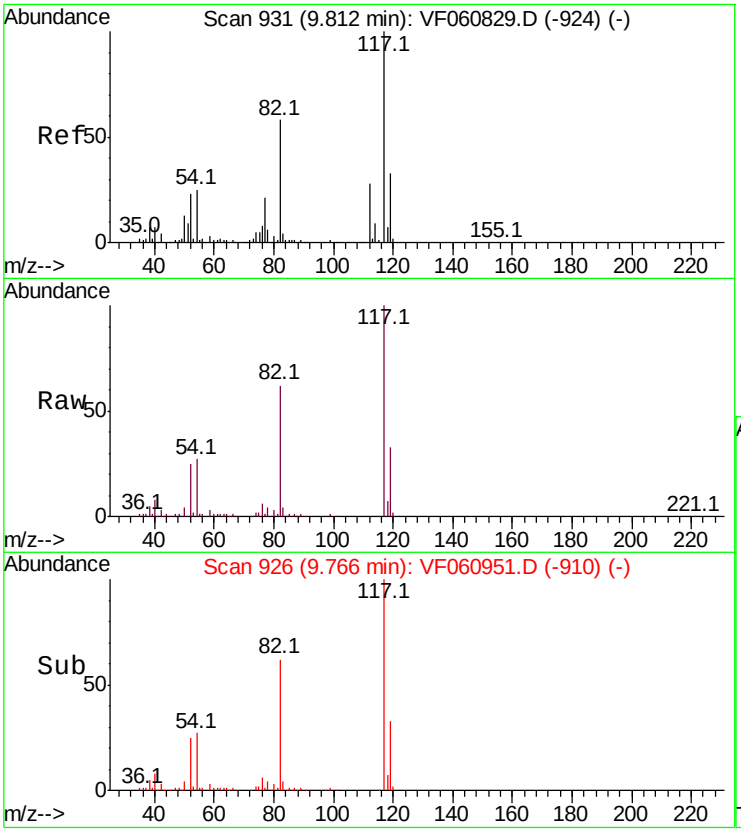


#62
4-Bromofluorobenzene
Concen: 54.358 ug/l
RT: 11.40 min Scan# 1092
Delta R.T. -0.04 min
Lab File: VF060951.D
Acq: 10 Dec 2018 13:55

Tgt Ion: 95 Resp: 200675

Ion	Ratio	Lower	Upper
95	100		
174	65.5	0.0	138.2
176	64.5	0.0	146.2



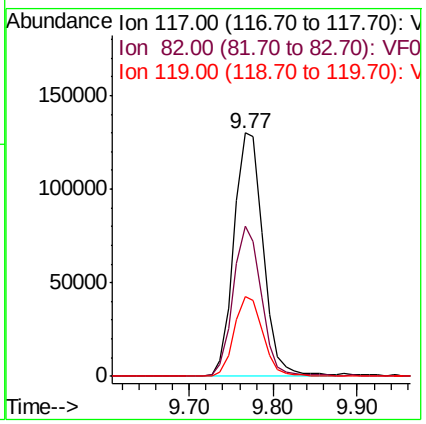


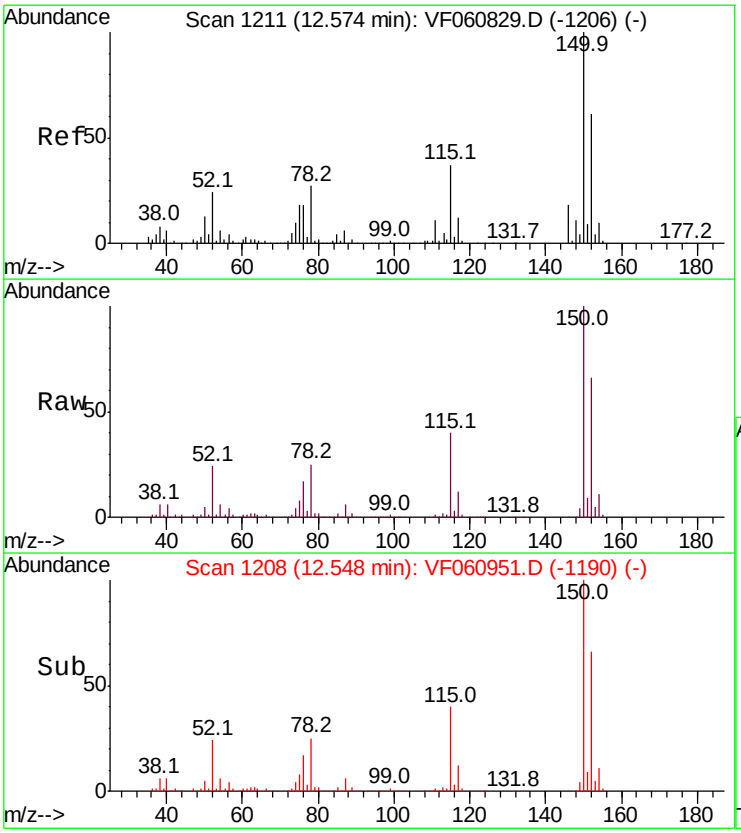
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.77 min Scan# 926
Delta R.T. -0.05 min
Lab File: VF060951.D
Acq: 10 Dec 2018 13:55

Instrument : MSVOA_F
ClientSampleId :

Tgt Ion:117 Resp: 316021

Ion	Ratio	Lower	Upper
117	100		
82	61.7	46.6	69.8
119	32.5	26.4	39.6

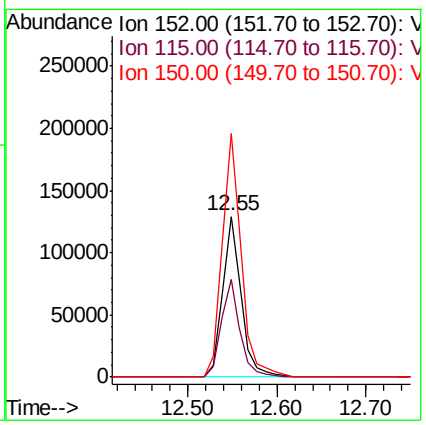


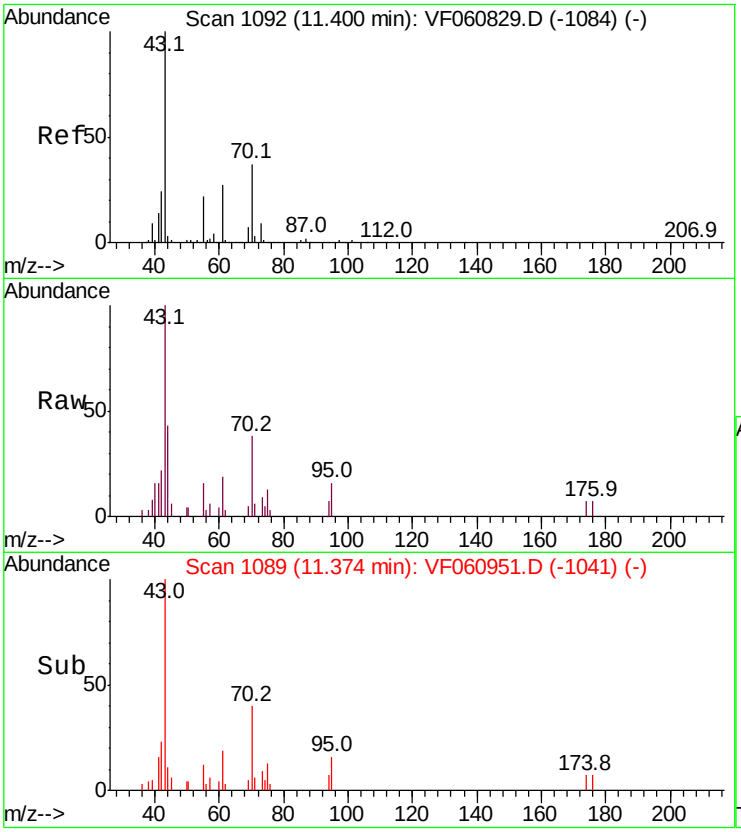


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.55 min Scan# 1208
Delta R.T. -0.03 min
Lab File: VF060951.D
Acq: 10 Dec 2018 13:55

Tgt Ion:152 Resp: 192785

Ion	Ratio	Lower	Upper
152	100		
115	61.1	30.1	90.5
150	151.7	0.0	327.6



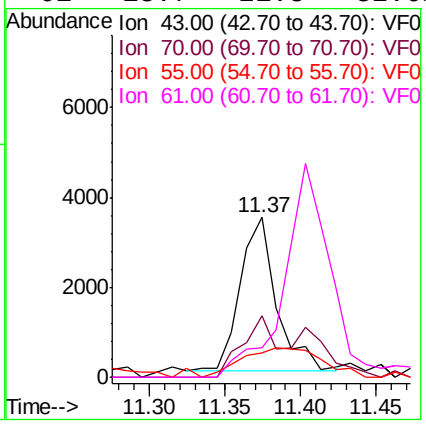


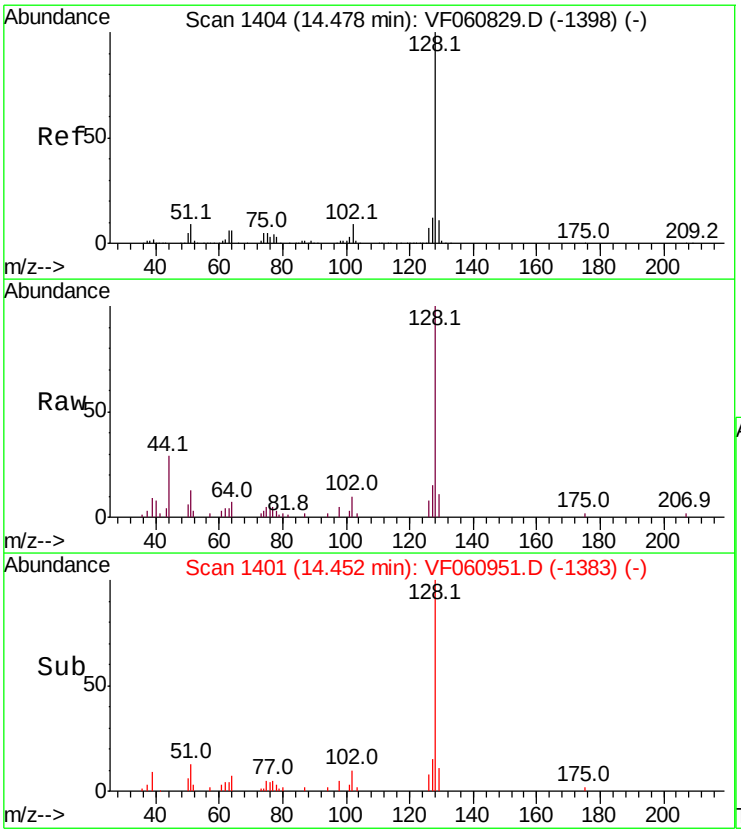
#74
N-amyl acetate
Concen: 1.623 ug/l
RT: 11.37 min Scan# 1089
Delta R.T. -0.03 min
Lab File: VF060951.D
Acq: 10 Dec 2018 13:55

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 43 Resp: 5708

Ion	Ratio	Lower	Upper
43	100		
70	38.4	29.6	44.4
55	15.6	17.2	25.8#
61	18.7	21.8	32.6#





#95
Naphthalene
Concen: Below Cal
RT: 14.45 min Scan# 1401
Delta R.T. -0.03 min
Lab File: VF060951.D
Acq: 10 Dec 2018 13:55

Tgt Ion:128 Resp: 10787

Ion	Ratio	Lower	Upper
128	100		
127	15.2	9.9	14.9#
129	10.9	9.1	13.7