Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF120618\
Data File : VF060916.D
Acq On : 6 Dec 2018 14:42
Operator : VA/AP
Sample : J6194-03RE
Misc : 6.66g/5mL/MSVOA-F/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId :

Quant Time: Dec 06 15:46:45 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	205619	50.00	ug/l	-0.05
34) 1,4-Difluorobenzene	5.59	114	345990	50.00	ug/l	-0.05
63) Chlorobenzene-d5	9.78	117	288700	50.00	ug/l	-0.04
72) 1,4-Dichlorobenzene-d4	12.55	152	149389	50.00	ug/l	-0.03
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.84	65	102079	42.14	ug/l	-0.04
Spiked Amount 50.000			Recovery = 84.28%			
35) Dibromofluoromethane	4.10	113	120909	44.05	ug/l	-0.05
Spiked Amount 50.000			Recovery = 88.10%			
50) Toluene-d8	7.56	98	282968	35.00	ug/l	-0.04
Spiked Amount 50.000			Recovery = 70.00%			
62) 4-Bromofluorobenzene	11.40	95	137435	37.40	ug/l	-0.04
Spiked Amount 50.000			Recovery = 74.80%			
Target Compounds						Qvalue
8) Diethyl Ether	1.62	74	614	1.066	ug/l	84
11) Tert butyl alcohol	2.58	59	587	5.912	ug/l #	62
13) Acrolein	1.86	56	111	1.180	ug/l	93
15) Acrylonitrile	2.93	53	726	3.261	ug/l #	81
16) Acetone	2.24	43	13810	30.917	ug/l #	89
18) Methyl Acetate	2.38	43	3490	3.109	ug/l #	61
20) Methylene Chloride	2.27	84	25901	15.806	ug/l	97
25) 2-Butanone	4.34	43	1516	1.962	ug/l #	80
29) Tetrahydrofuran	4.07	42	820	2.504	ug/l #	54
41) Methacrylonitrile	4.74	41	397	Below Cal	#	23
43) Isopropyl Acetate	6.89	43	438	Below Cal	#	49
49) 1,4-Dioxane	6.54	88	65	6.292	ug/l #	16
51) 4-Methyl-2-Pentanone	8.25	43	2083	1.448	ug/l	97
52) Toluene	7.62	92	7267	1.220	ug/l	81
59) 2-Hexanone	9.49	43	1756	1.740	ug/l	72
68) m/p-Xylenes	10.13	106	7007	1.863	ug/l	79
95) Naphthalene	14.45	128	5654	Below Cal		97

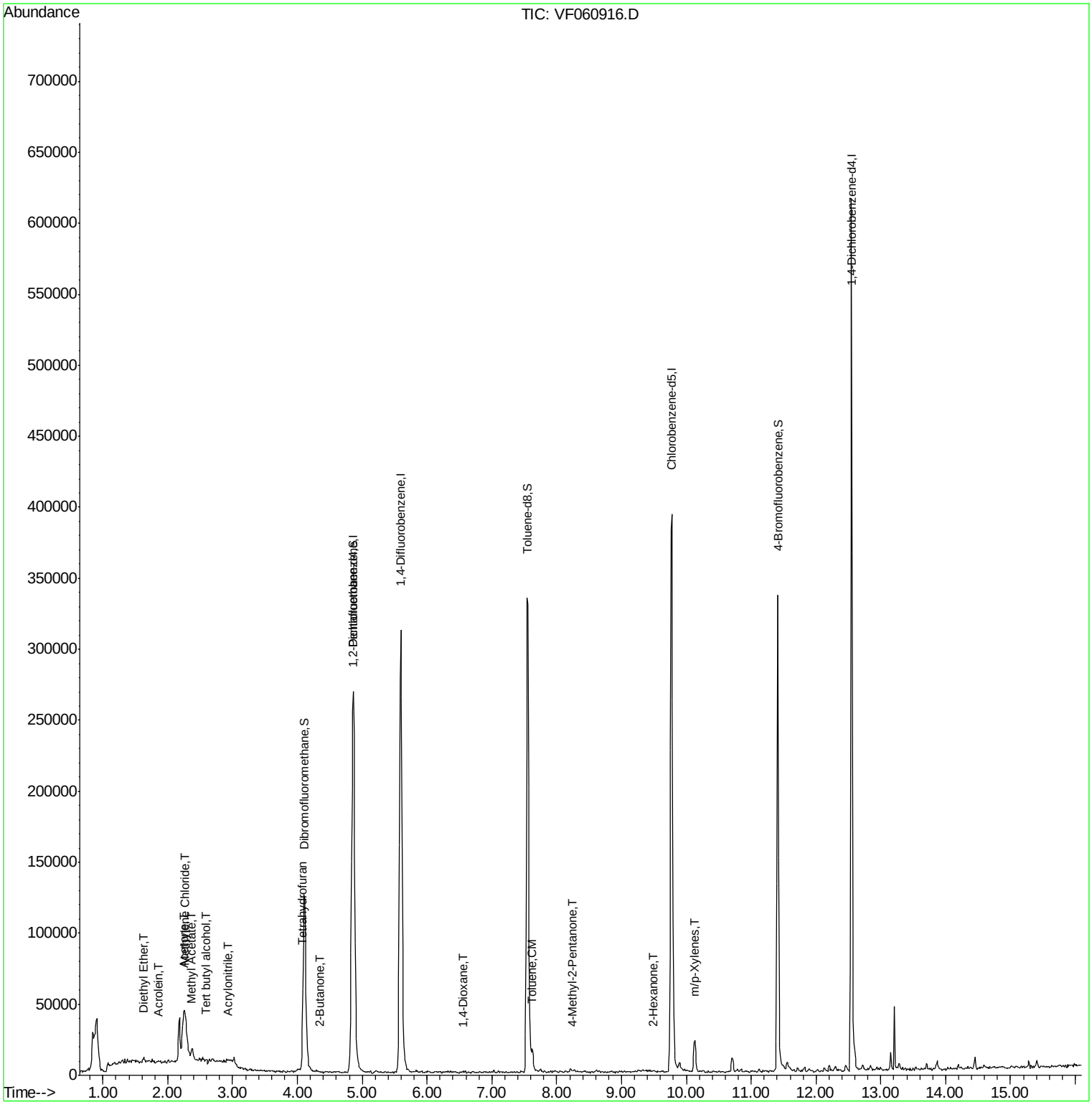
(#) = qualifier out of range (m) = manual integration (+) = signals summed

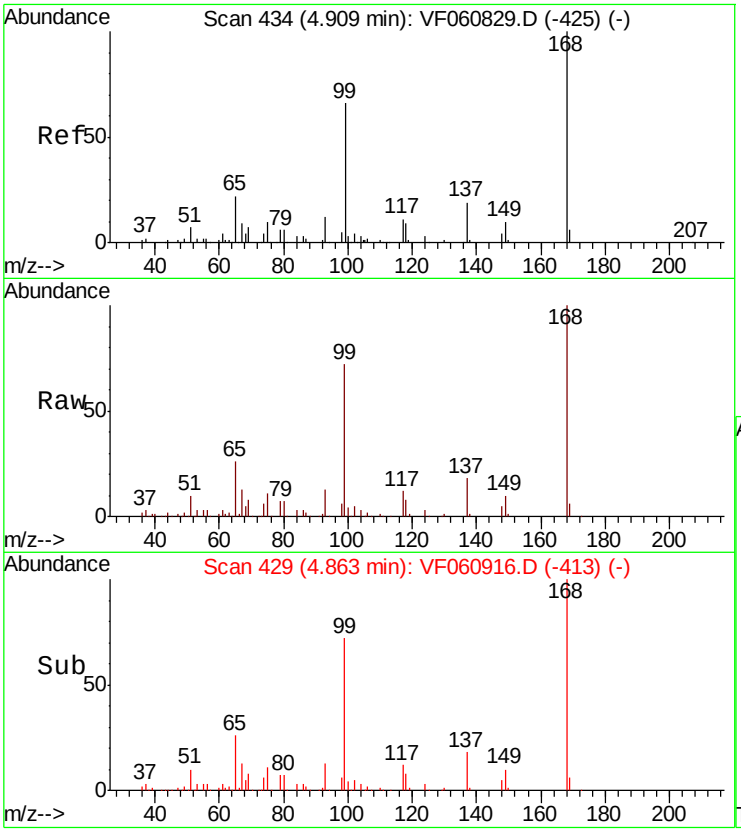
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF120618\
Data File : VF060916.D
Acq On : 6 Dec 2018 14:42
Operator : VA/AP
Sample : J6194-03RE
Misc : 6.66g/5mL/MSVOA-F/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :

Quant Time: Dec 06 15:46:45 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



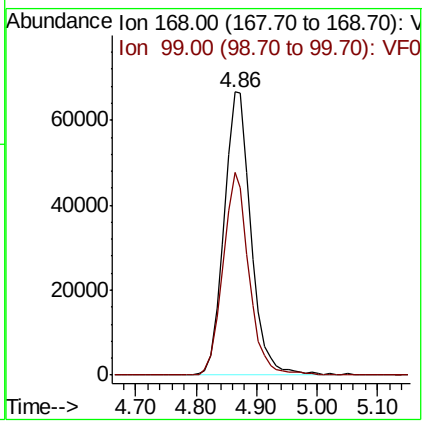


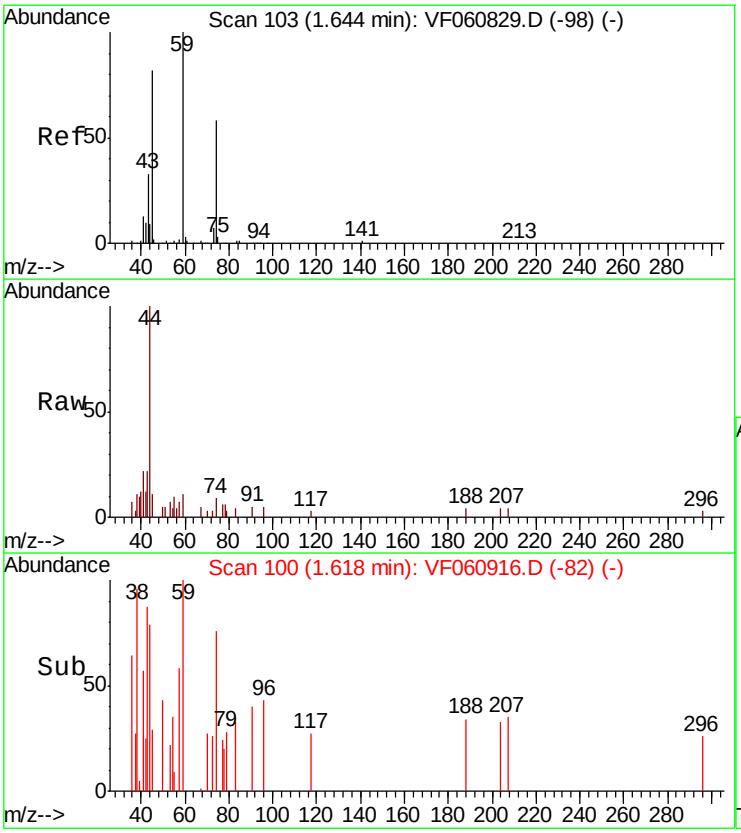
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 4.86 min Scan# 429
Delta R.T. -0.05 min
Lab File: VF060916.D
Acq: 6 Dec 2018 14:42

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion:168 Resp: 205619

Ion	Ratio	Lower	Upper
168	100		
99	71.6	52.6	79.0

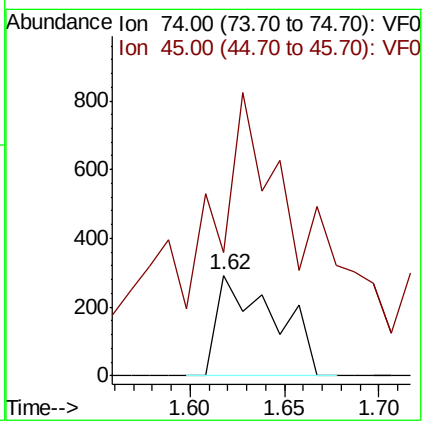


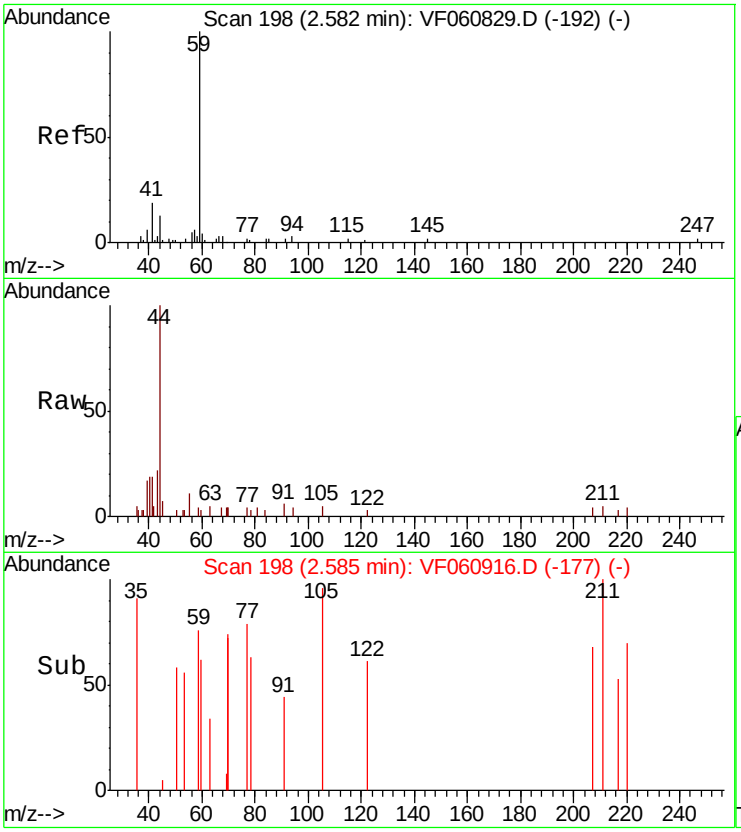


#8
Diethyl Ether
Concen: 1.066 ug/l
RT: 1.62 min Scan# 100
Delta R.T. -0.03 min
Lab File: VF060916.D
Acq: 6 Dec 2018 14:42

Tgt Ion: 74 Resp: 614

Ion	Ratio	Lower	Upper
74	100		
45	122.2	71.0	212.8



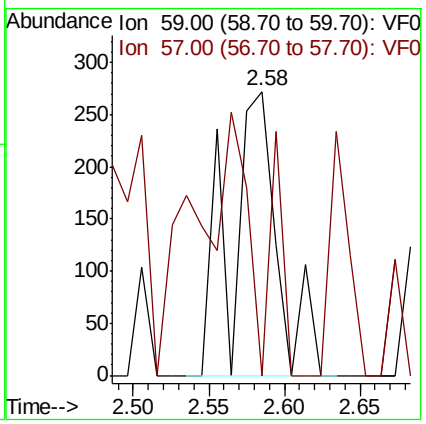


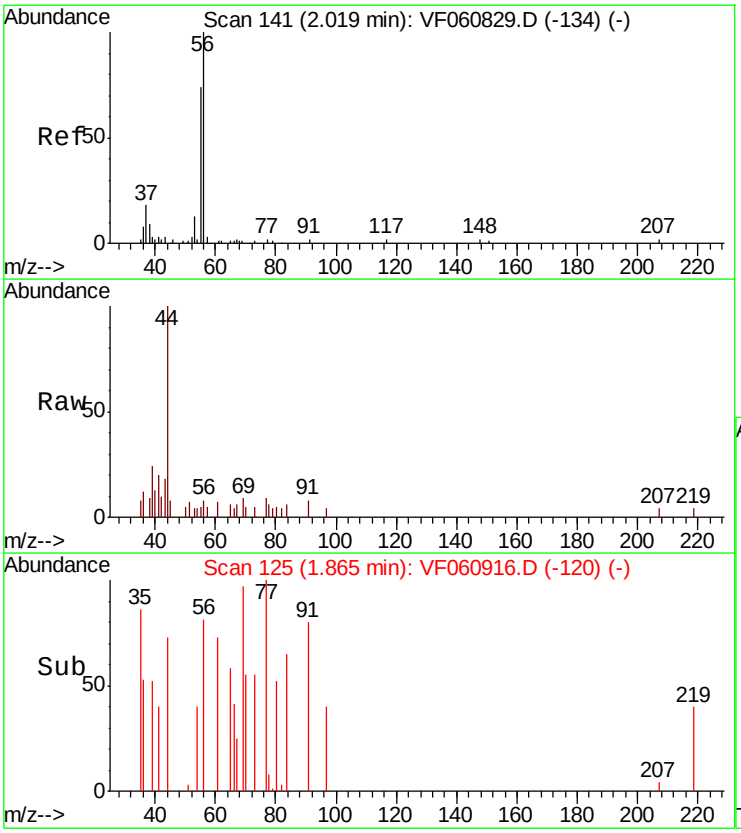
#11
Tert butyl alcohol
Concen: 5.912 ug/l
RT: 2.58 min Scan# 198
Delta R.T. 0.00 min
Lab File: VF060916.D
Acq: 6 Dec 2018 14:42

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 59 Resp: 587

Ion	Ratio	Lower	Upper
59	100		
57	0.0	12.7	19.1#

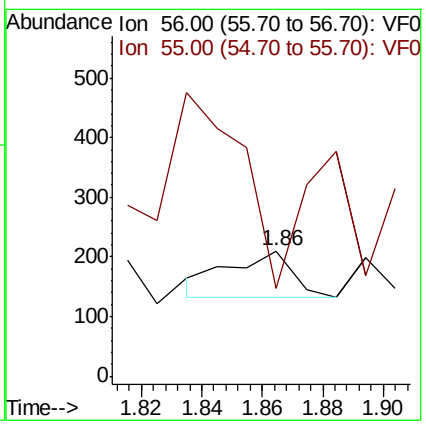


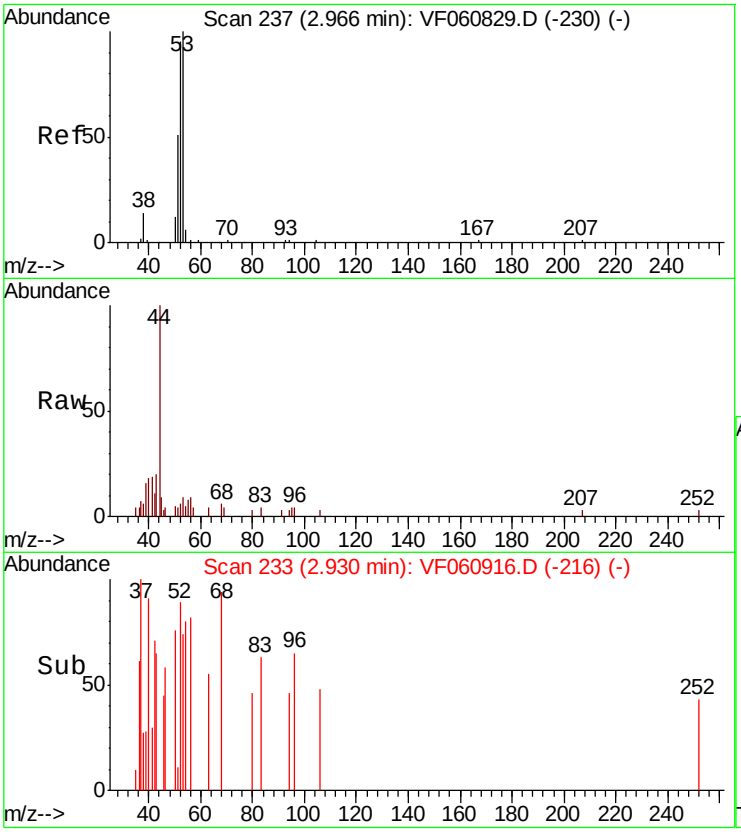


#13
Acrolein
Concen: 1.180 ug/l
RT: 1.86 min Scan# 125
Delta R.T. -0.15 min
Lab File: VF060916.D
Acq: 6 Dec 2018 14:42

Tgt Ion: 56 Resp: 111

Ion	Ratio	Lower	Upper
56	100		
55	70.5	61.2	91.8



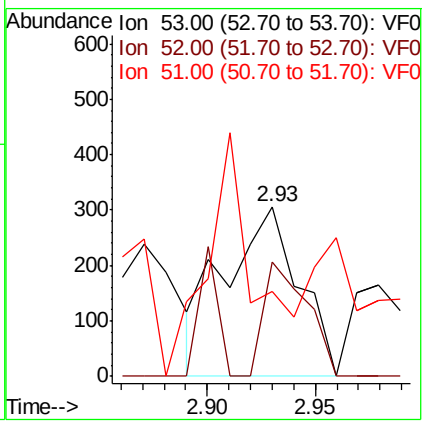


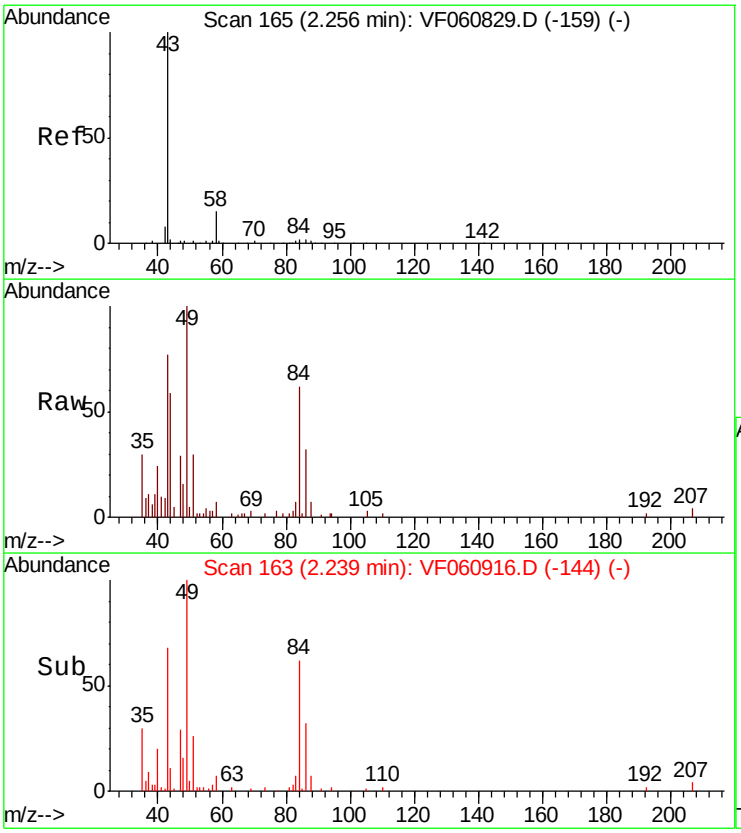
#15
Acrylonitrile
Concen: 3.261 ug/l
RT: 2.93 min Scan# 233
Delta R.T. -0.04 min
Lab File: VF060916.D
Acq: 6 Dec 2018 14:42

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 53 Resp: 726

Ion	Ratio	Lower	Upper
53	100		
52	67.6	76.5	114.7#
51	50.0	40.7	61.1

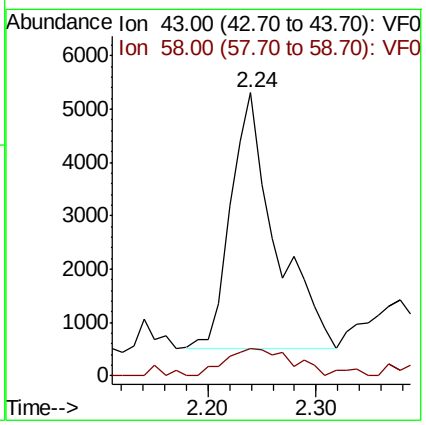


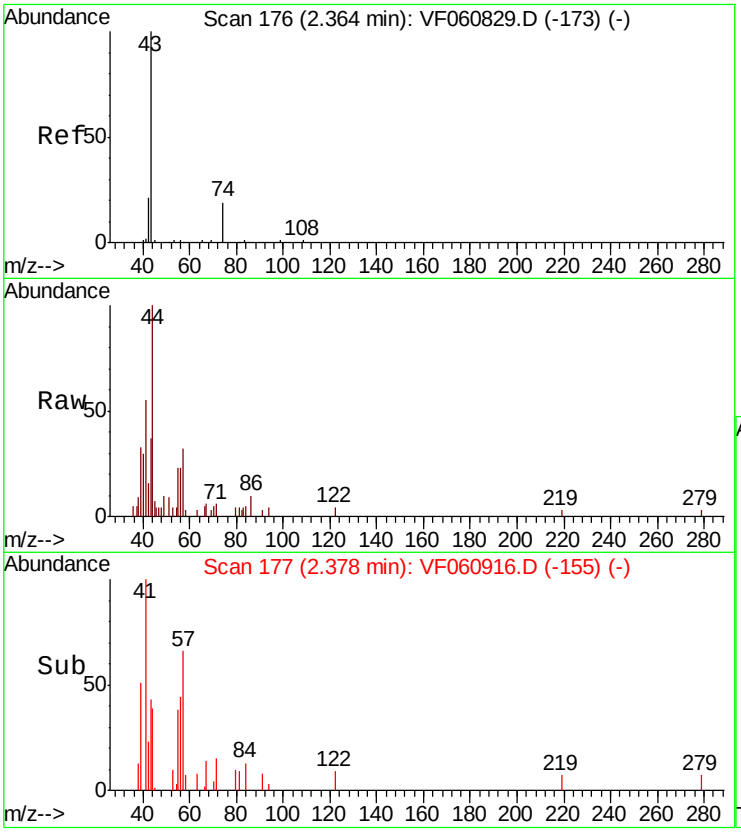


#16
Acetone
Concen: 30.917 ug/l
RT: 2.24 min Scan# 163
Delta R.T. -0.02 min
Lab File: VF060916.D
Acq: 6 Dec 2018 14:42

Tgt Ion: 43 Resp: 13810

Ion	Ratio	Lower	Upper
43	100		
58	9.7	11.4	17.2#



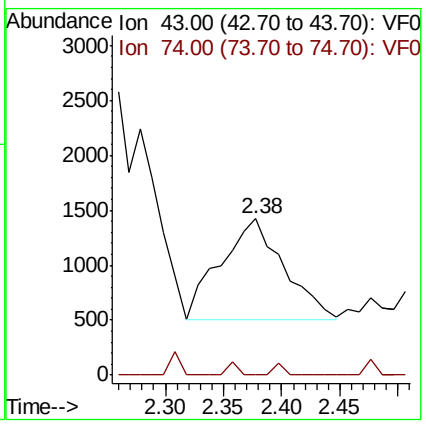


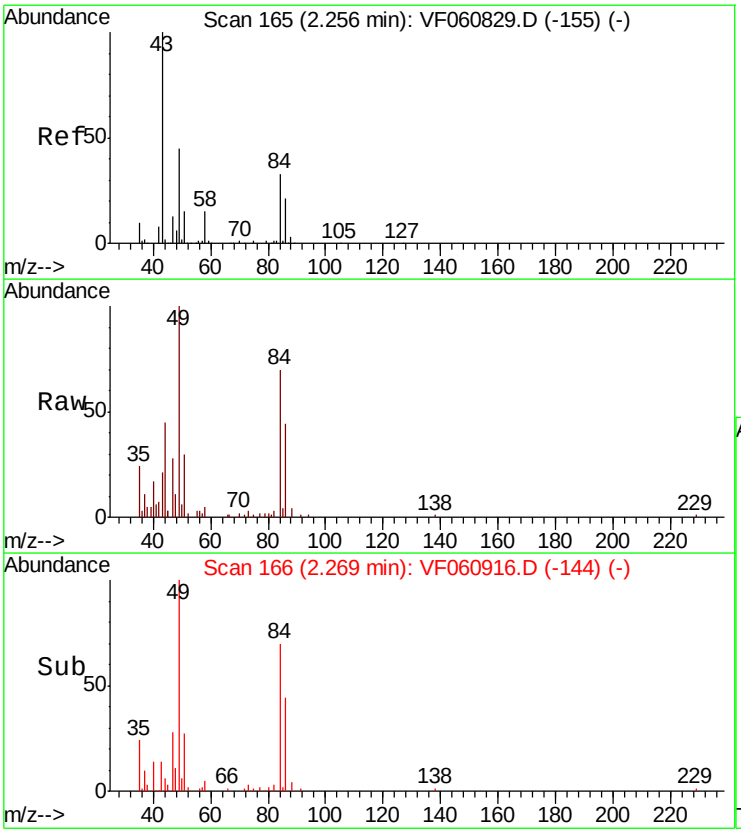
#18
Methyl Acetate
Concen: 3.109 ug/l
RT: 2.38 min Scan# 177
Delta R.T. 0.01 min
Lab File: VF060916.D
Acq: 6 Dec 2018 14:42

Instrument : MSVOA_F
ClientSampleId :

Tgt Ion: 43 Resp: 3490

Ion	Ratio	Lower	Upper
43	100		
74	0.0	13.3	19.9#

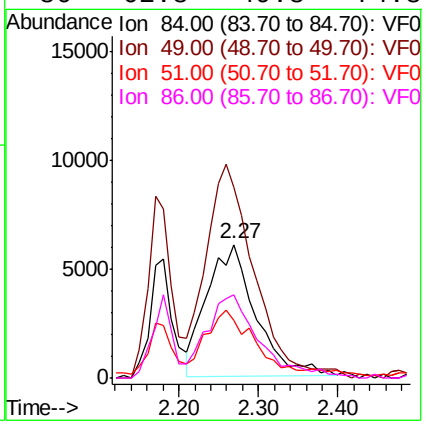


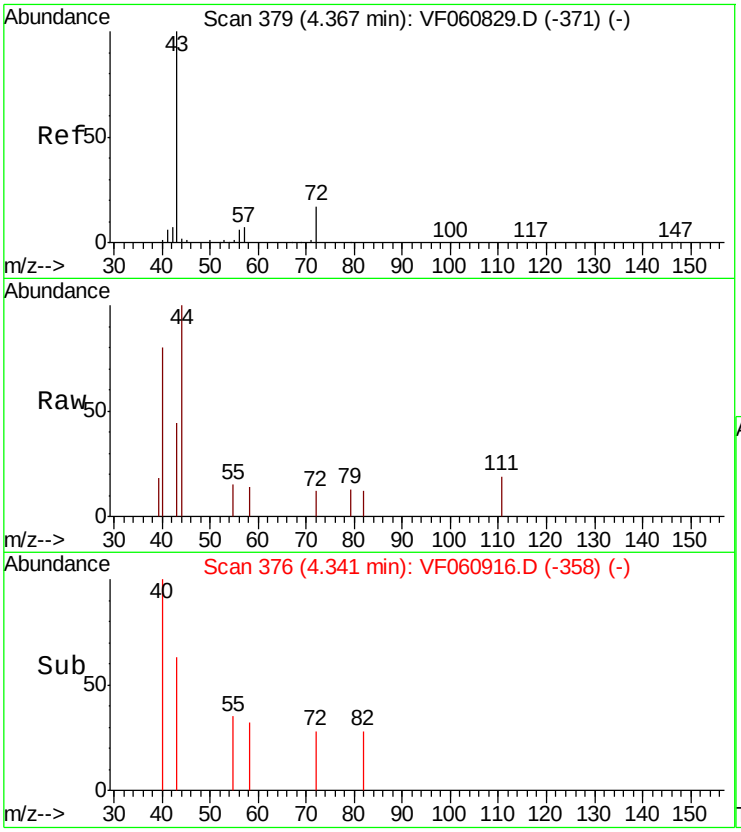


#20
Methylene Chloride
Concen: 15.806 ug/l
RT: 2.27 min Scan# 166
Delta R.T. 0.01 min
Lab File: VF060916.D
Acq: 6 Dec 2018 14:42

Tgt Ion: 84 Resp: 25901

Ion	Ratio	Lower	Upper
84	100		
49	142.5	111.3	166.9
51	43.2	38.0	57.0
86	62.8	49.8	74.8



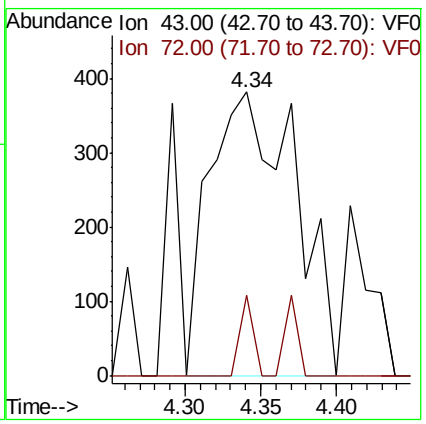


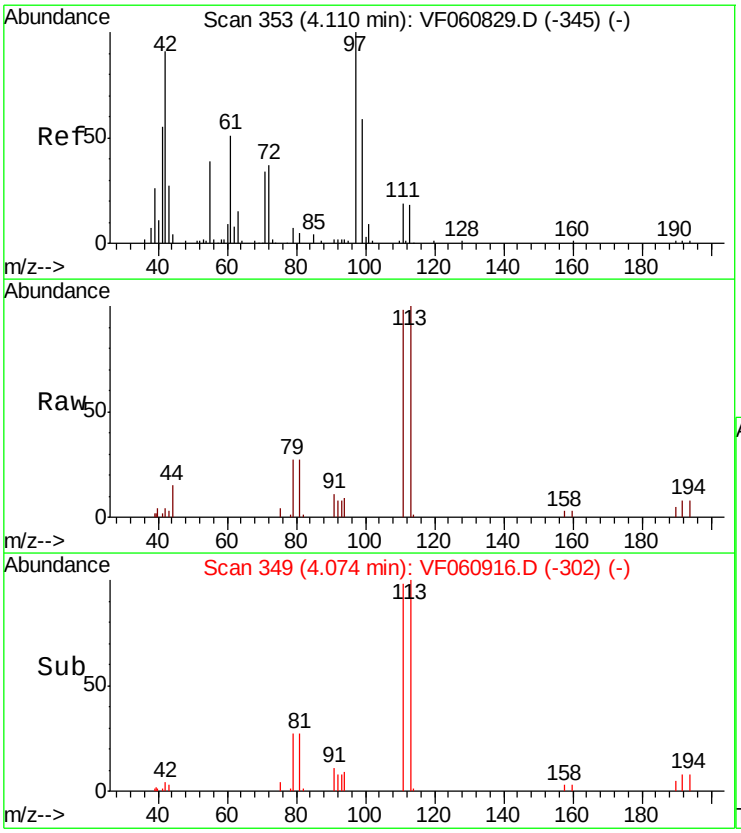
#25
2-Butanone
Concen: 1.962 ug/l
RT: 4.34 min Scan# 376
Delta R.T. -0.03 min
Lab File: VF060916.D
Acq: 6 Dec 2018 14:42

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 43 Resp: 1516

Ion	Ratio	Lower	Upper
43	100		
72	28.3	15.4	23.2#

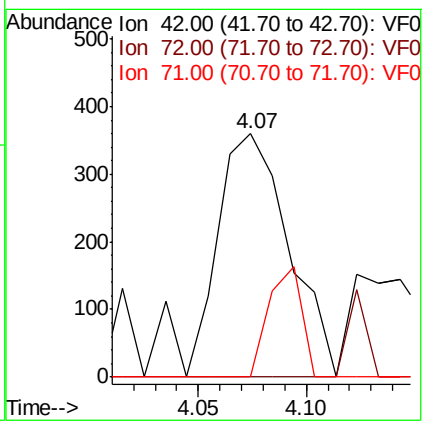


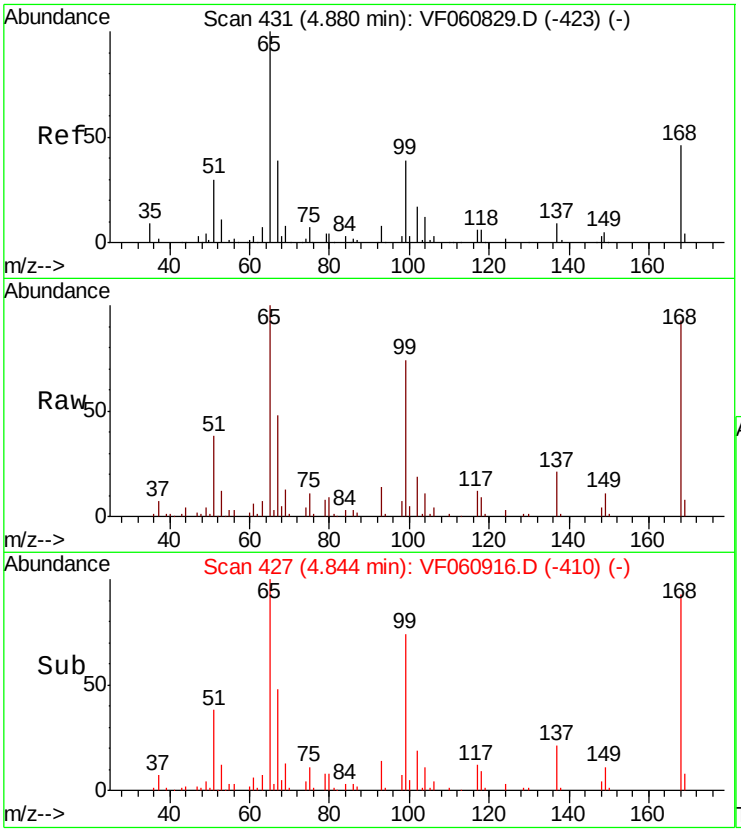


#29
Tetrahydrofuran
Concen: 2.504 ug/l
RT: 4.07 min Scan# 349
Delta R.T. -0.04 min
Lab File: VF060916.D
Acq: 6 Dec 2018 14:42

Tgt Ion: 42 Resp: 820

Ion	Ratio	Lower	Upper
42	100		
72	0.0	31.9	47.9#
71	21.0	28.7	43.1#



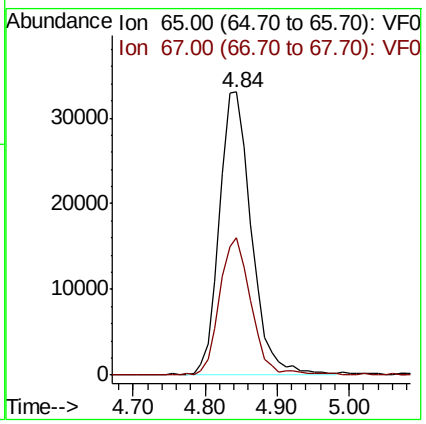


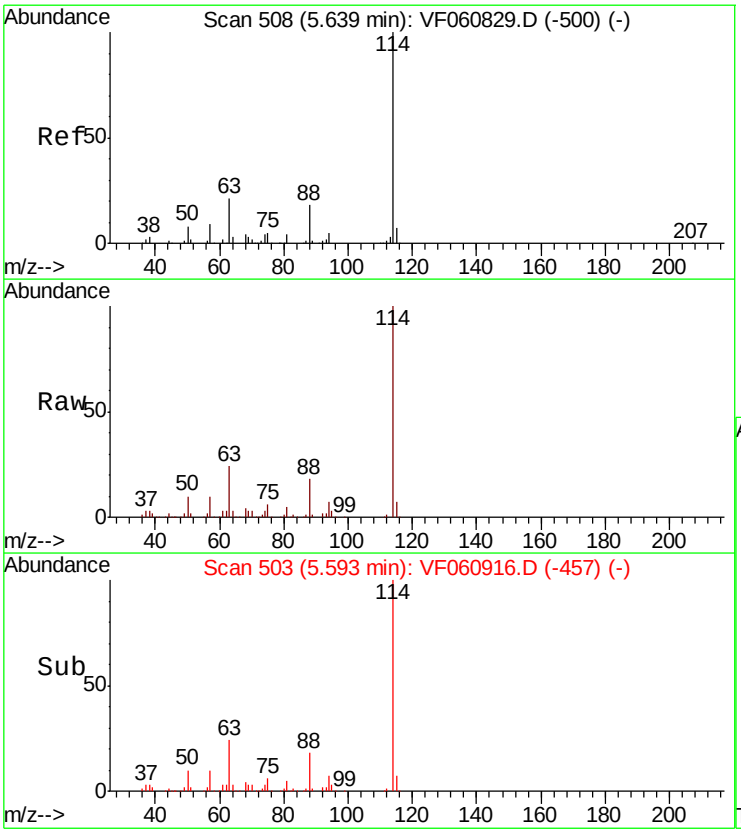
#33
1,2-Dichloroethane-d4
Concen: 42.142 ug/l
RT: 4.84 min Scan# 427
Delta R.T. -0.04 min
Lab File: VF060916.D
Acq: 6 Dec 2018 14:42

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 65 Resp: 102079

Ion	Ratio	Lower	Upper
65	100		
67	48.4	0.0	96.4

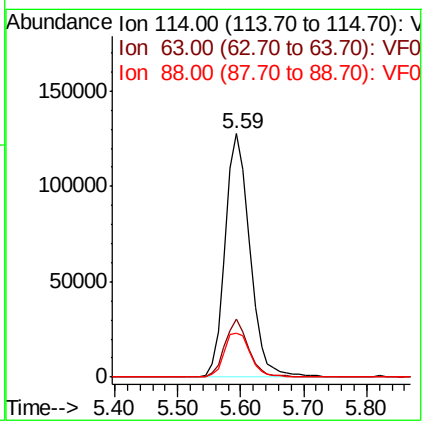


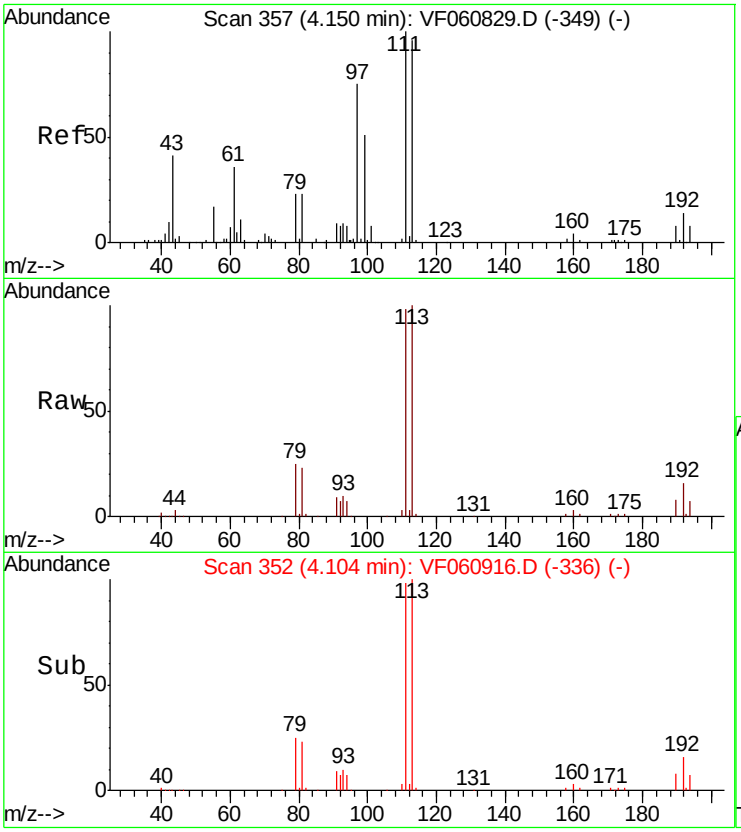


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.59 min Scan# 503
Delta R.T. -0.05 min
Lab File: VF060916.D
Acq: 6 Dec 2018 14:42

Tgt Ion:114 Resp: 345990

Ion	Ratio	Lower	Upper
114	100		
63	24.0	0.0	41.6
88	18.3	0.0	36.6



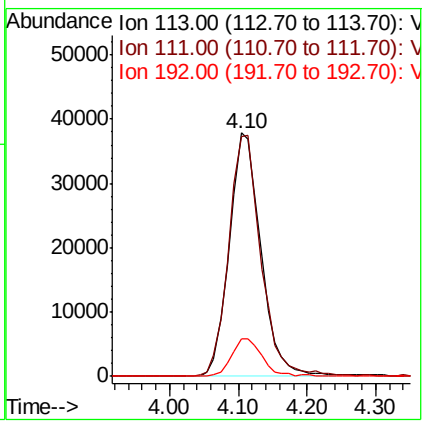


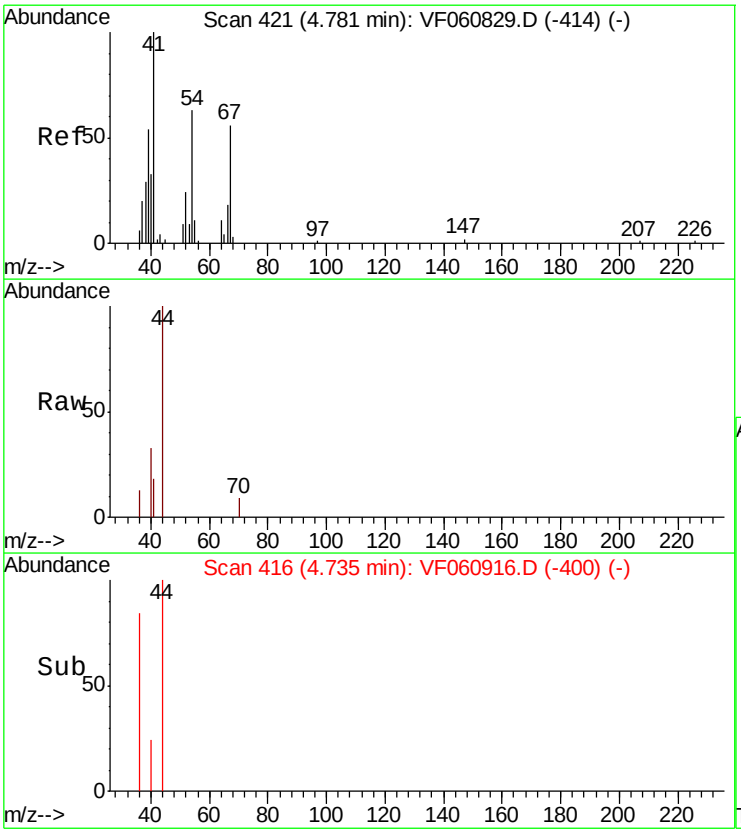
#35
Dibromofluoromethane
Concen: 44.050 ug/l
RT: 4.10 min Scan# 352
Delta R.T. -0.05 min
Lab File: VF060916.D
Acq: 6 Dec 2018 14:42

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion:113 Resp: 120909

Ion	Ratio	Lower	Upper
113	100		
111	98.4	83.0	124.6
192	16.1	12.3	18.5

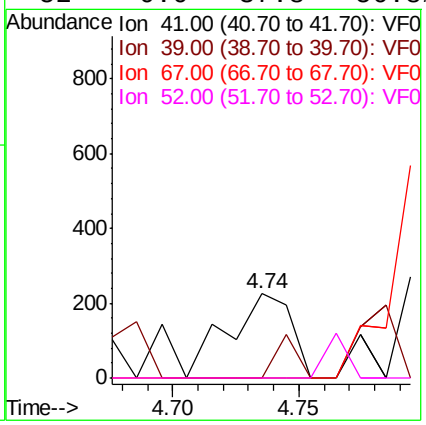


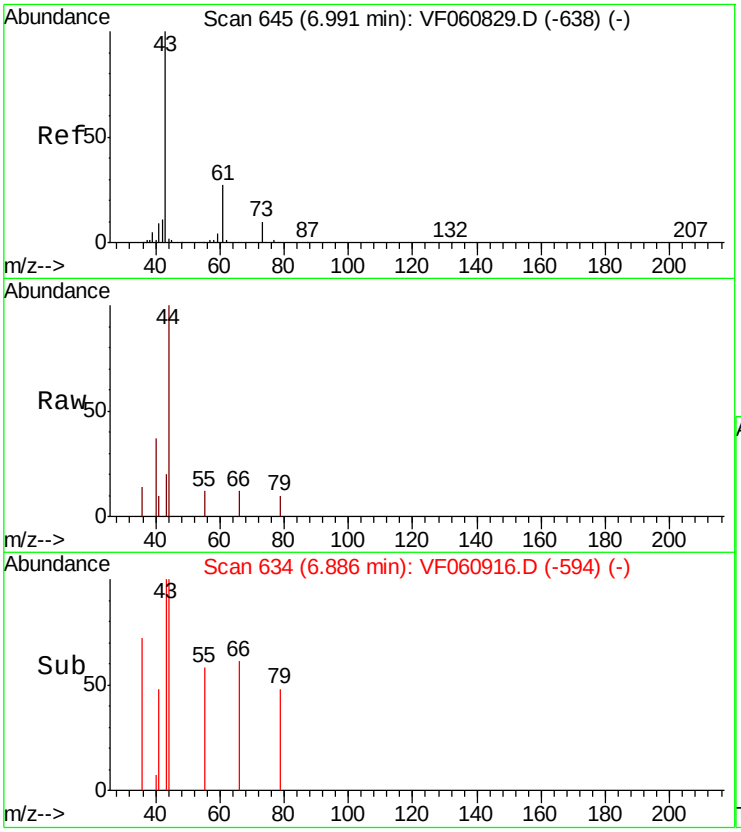


#41
Methacrylonitrile
Concen: Below Cal
RT: 4.74 min Scan# 416
Delta R.T. -0.05 min
Lab File: VF060916.D
Acq: 6 Dec 2018 14:42

Tgt Ion: 41 Resp: 397

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#



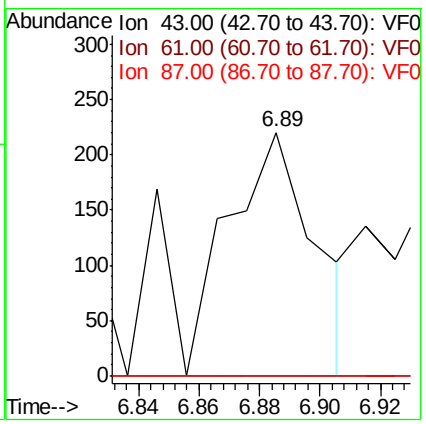


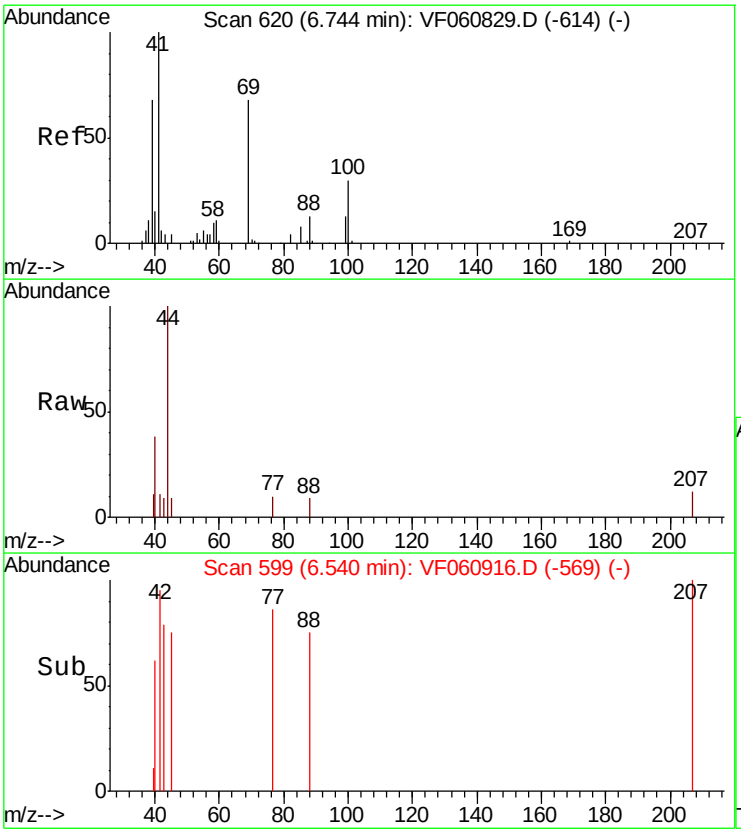
#43
Isopropyl Acetate
Concen: Below Cal
RT: 6.89 min Scan# 634
Delta R.T. -0.10 min
Lab File: VF060916.D
Acq: 6 Dec 2018 14:42

Instrument : MSVOA_F
ClientSampleId :

Tgt Ion: 43 Resp: 438

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

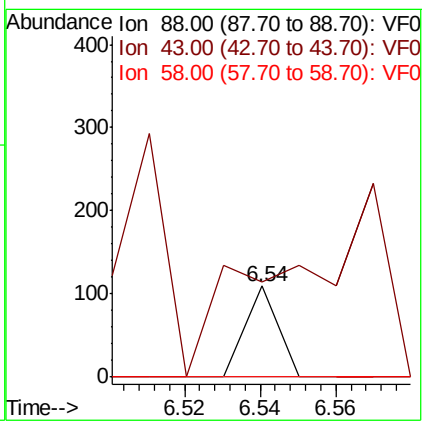


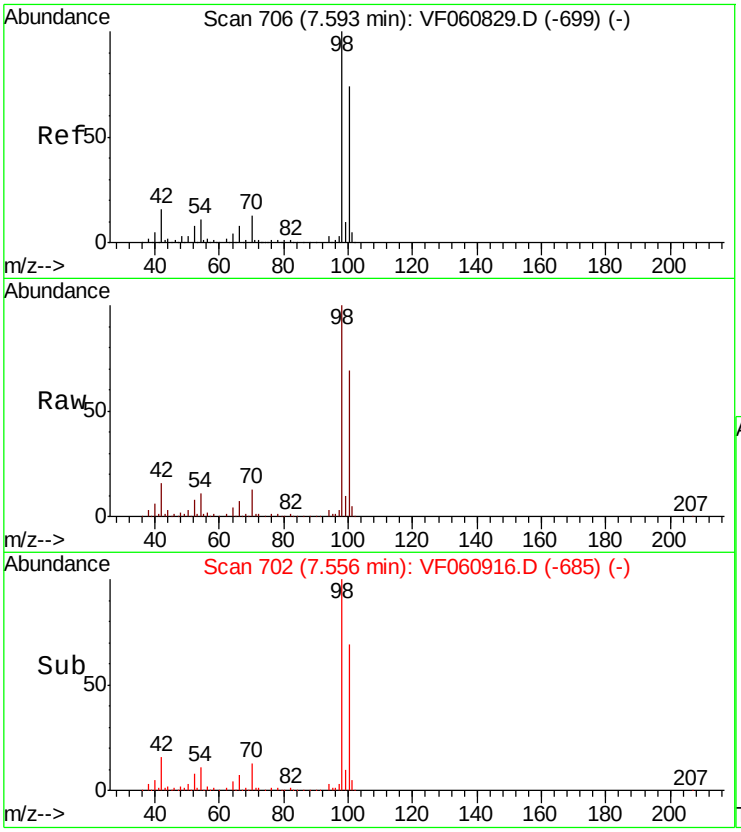


#49
1,4-Dioxane
Concen: 6.292 ug/l
RT: 6.54 min Scan# 599
Delta R.T. -0.20 min
Lab File: VF060916.D
Acq: 6 Dec 2018 14:42

Tgt Ion: 88 Resp: 65

Ion	Ratio	Lower	Upper
88	100		
43	105.5	42.0	63.0#
58	0.0	61.8	92.8#



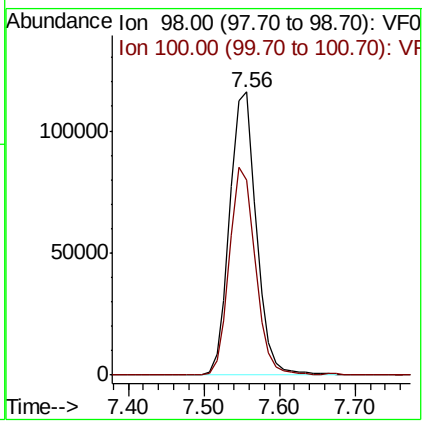


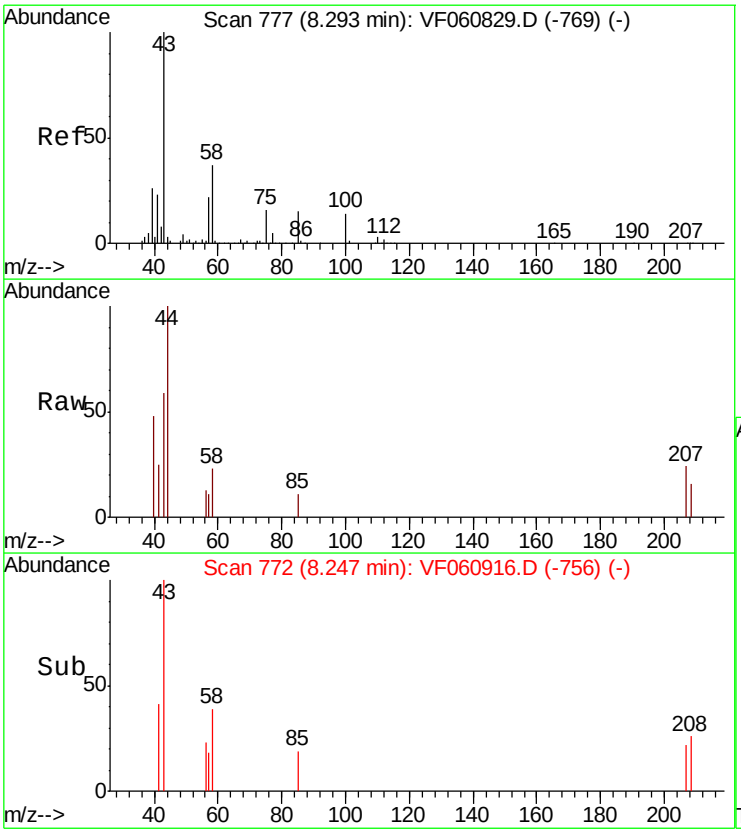
#50
Toluene-d8
Concen: 34.997 ug/l
RT: 7.56 min Scan# 702
Delta R.T. -0.04 min
Lab File: VF060916.D
Acq: 6 Dec 2018 14:42

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 98 Resp: 282968

Ion	Ratio	Lower	Upper
98	100		
100	68.9	59.3	88.9

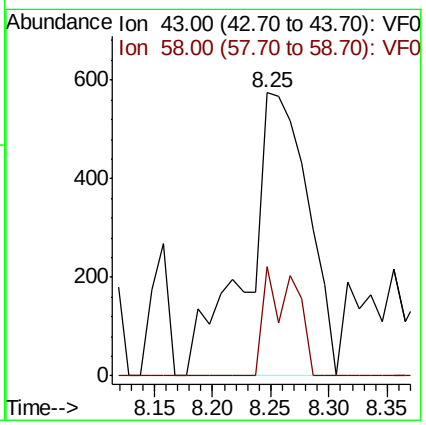


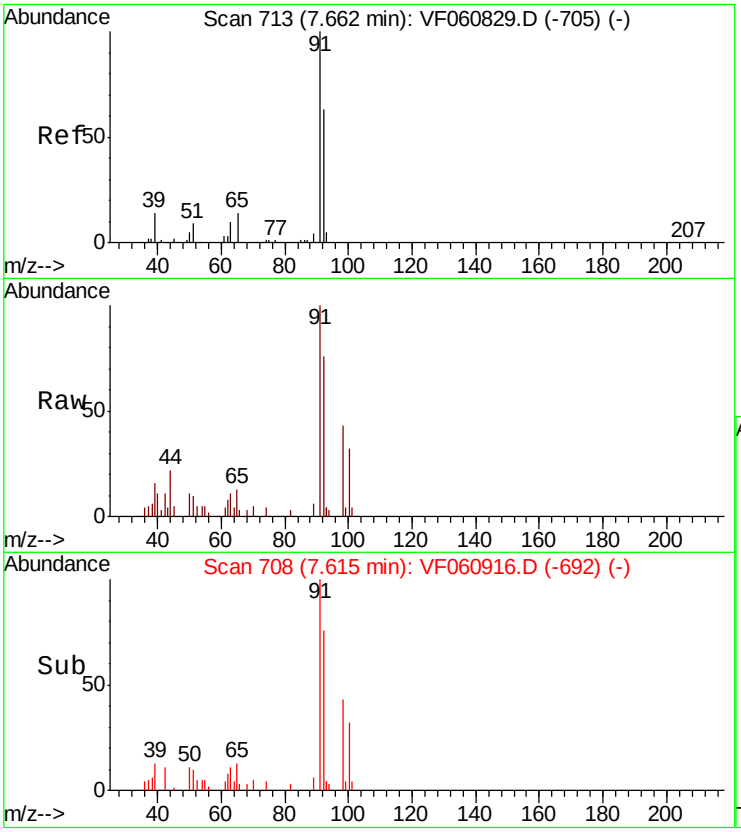


#51
4-Methyl-2-Pentanone
Concen: 1.448 ug/l
RT: 8.25 min Scan# 772
Delta R.T. -0.05 min
Lab File: VF060916.D
Acq: 6 Dec 2018 14:42

Tgt Ion: 43 Resp: 2083

Ion	Ratio	Lower	Upper
43	100		
58	38.9	29.7	44.5



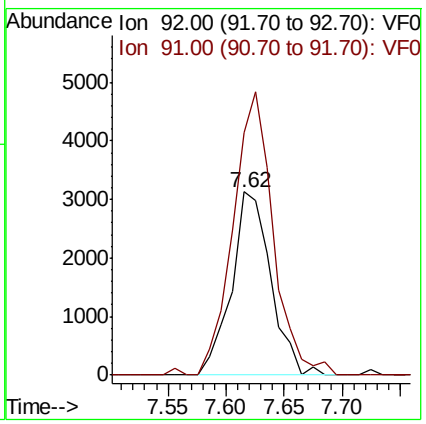


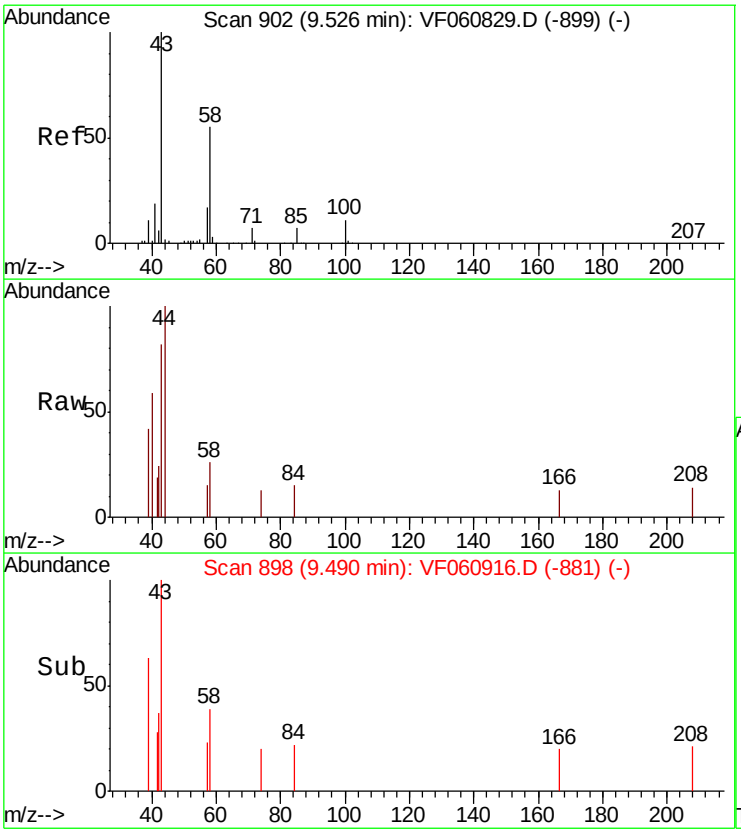
#52
Toluene
Concen: 1.220 ug/l
RT: 7.62 min Scan# 708
Delta R.T. -0.05 min
Lab File: VF060916.D
Acq: 6 Dec 2018 14:42

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 92 Resp: 7267

Ion	Ratio	Lower	Upper
92	100		
91	132.4	126.2	189.2

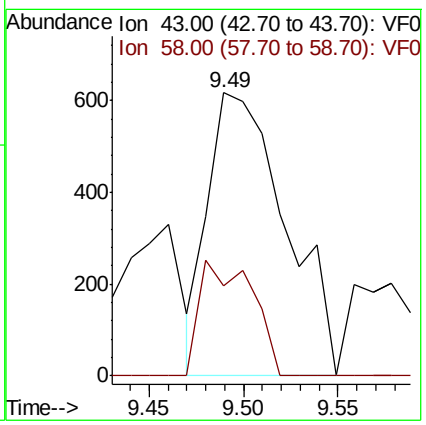


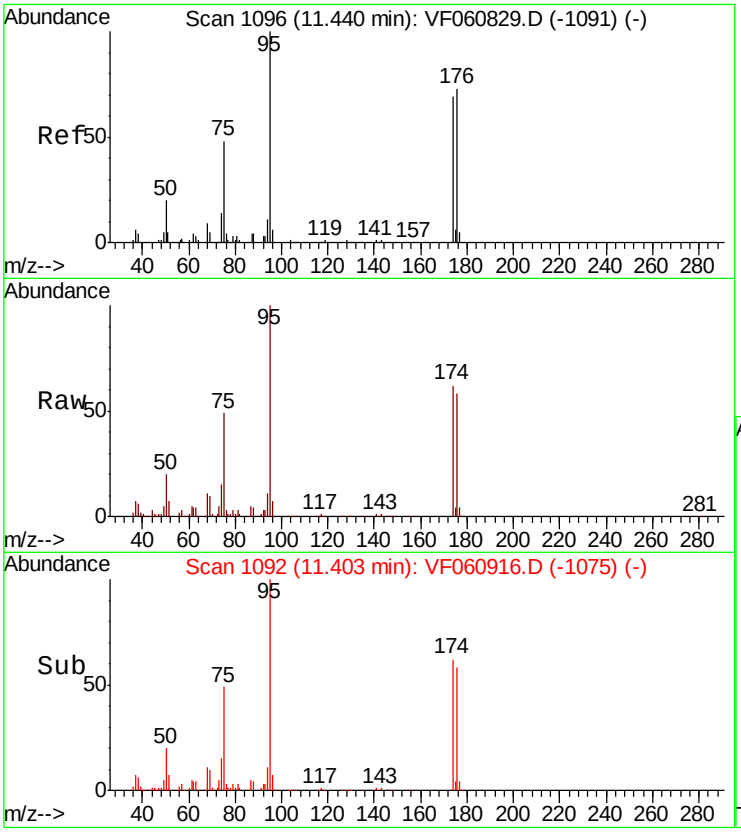


#59
2-Hexanone
Concen: 1.740 ug/l
RT: 9.49 min Scan# 898
Delta R.T. -0.04 min
Lab File: VF060916.D
Acq: 6 Dec 2018 14:42

Tgt Ion: 43 Resp: 1756

Ion	Ratio	Lower	Upper
43	100		
58	31.8	25.6	76.6



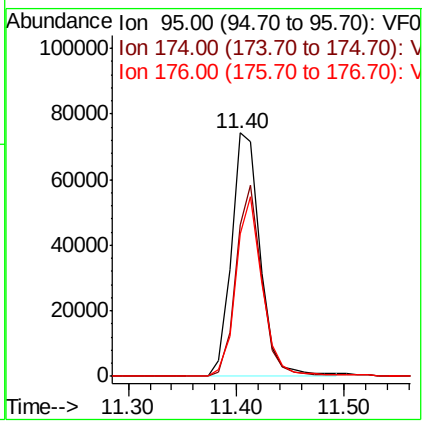


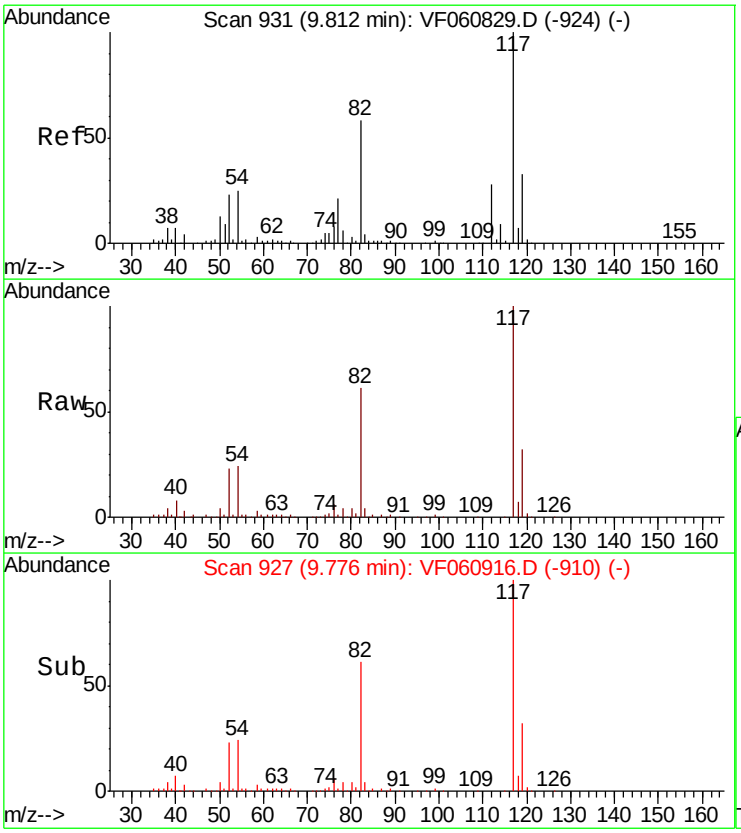
#62
4-Bromofluorobenzene
Concen: 37.400 ug/l
RT: 11.40 min Scan# 1092
Delta R.T. -0.04 min
Lab File: VF060916.D
Acq: 6 Dec 2018 14:42

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 95 Resp: 137435

Ion	Ratio	Lower	Upper
95	100		
174	62.0	0.0	138.2
176	58.5	0.0	146.2

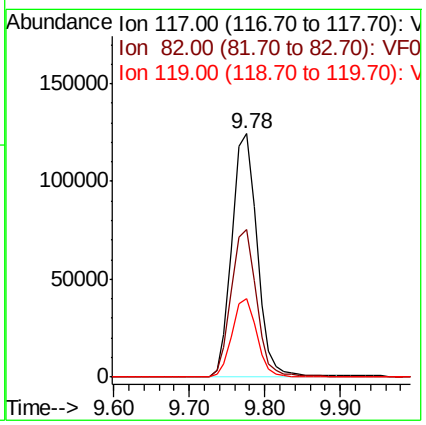


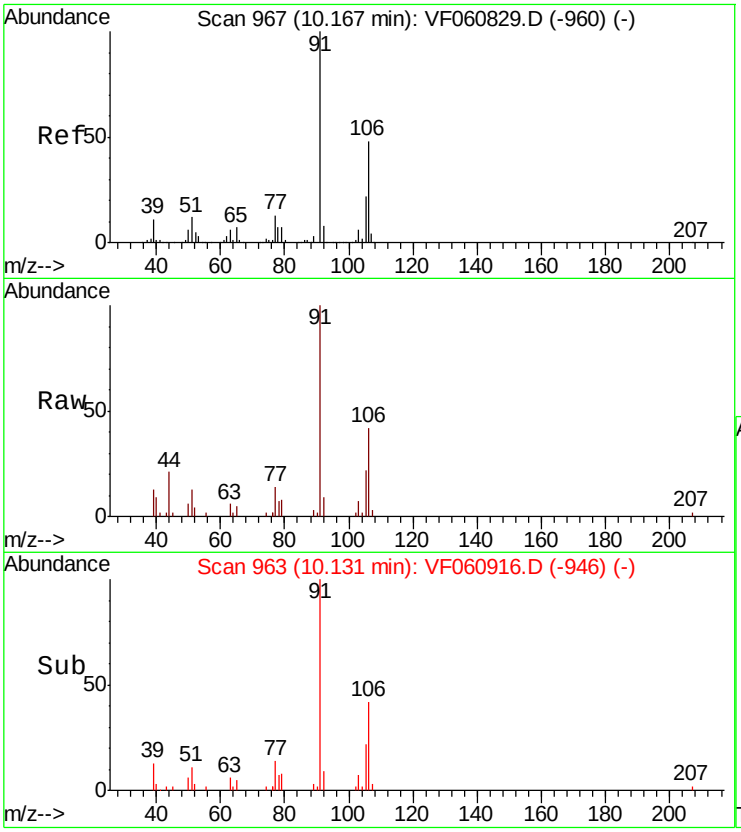


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.78 min Scan# 927
Delta R.T. -0.04 min
Lab File: VF060916.D
Acq: 6 Dec 2018 14:42

Tgt Ion:117 Resp: 288700

Ion	Ratio	Lower	Upper
117	100		
82	60.7	46.6	69.8
119	32.5	26.4	39.6



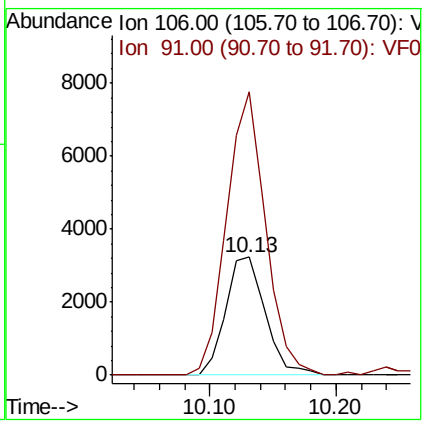


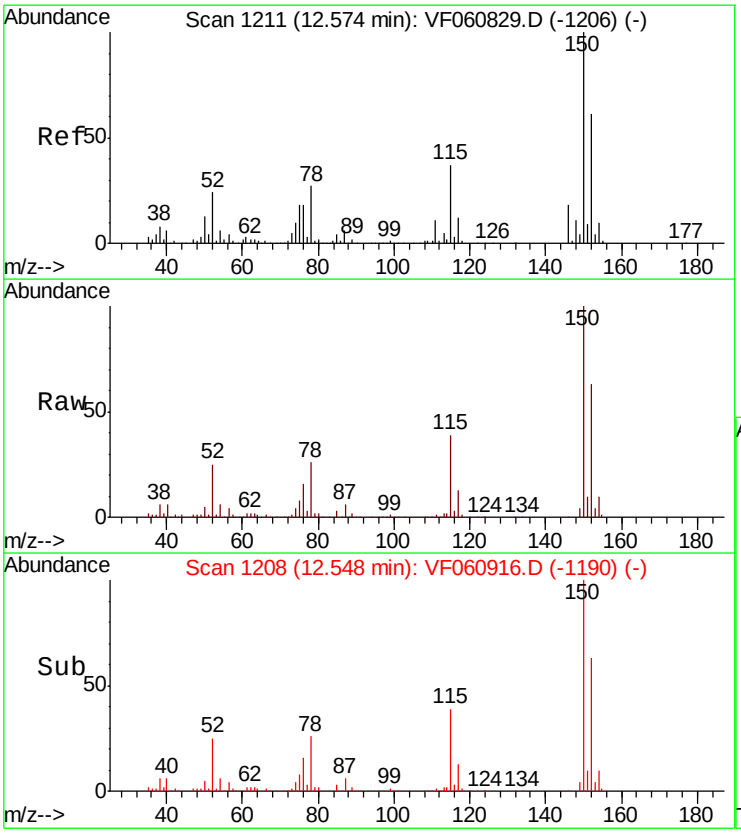
#68
m/p-Xylenes
Concen: 1.863 ug/l
RT: 10.13 min Scan# 963
Delta R.T. -0.04 min
Lab File: VF060916.D
Acq: 6 Dec 2018 14:42

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion:106 Resp: 7007

Ion	Ratio	Lower	Upper
106	100		
91	240.6	166.7	250.1

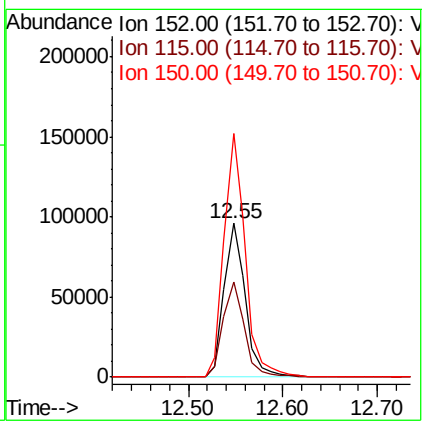


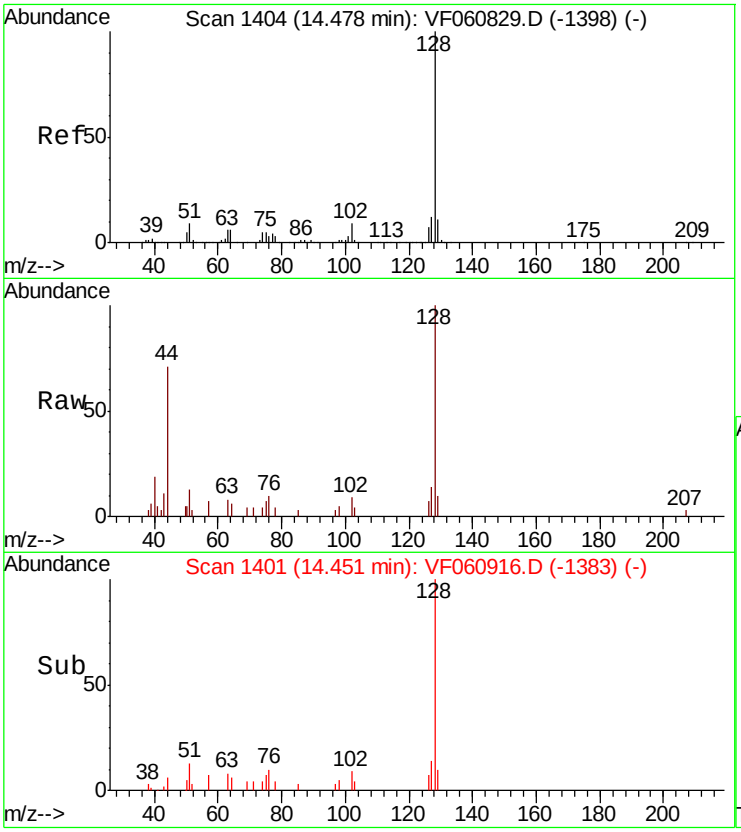


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.55 min Scan# 1208
Delta R.T. -0.03 min
Lab File: VF060916.D
Acq: 6 Dec 2018 14:42

Tgt Ion:152 Resp: 149389

Ion	Ratio	Lower	Upper
152	100		
115	62.3	30.1	90.5
150	158.7	0.0	327.6





#95
Naphthalene
Concen: Below Cal
RT: 14.45 min Scan# 1401
Delta R.T. -0.03 min
Lab File: VF060916.D
Acq: 6 Dec 2018 14:42

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion:128 Resp: 5654

Ion	Ratio	Lower	Upper
128	100		
127	13.8	9.9	14.9
129	10.3	9.1	13.7