Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF121718\
Data File : VF061054.D
Acq On : 17 Dec 2018 21:46
Operator : VA/AP
Sample : J6391-17RE
Misc : 2.75g/5mL/MSVOA-F/SOIL
ALS Vial : 21 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId :

Quant Time: Dec 18 03:10:35 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	4.89	168	74824	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	5.62	114	121531	50.00	ug/l	-0.02
63) Chlorobenzene-d5	9.79	117	82916	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	12.56	152	25734	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.87	65	52508	59.57	ug/l	0.00
Spiked Amount 50.000			Recovery = 119.14%			
35) Dibromofluoromethane	4.13	113	52026	53.96	ug/l	-0.02
Spiked Amount 50.000			Recovery = 107.92%			
50) Toluene-d8	7.57	98	107676	37.91	ug/l	-0.02
Spiked Amount 50.000			Recovery = 75.82%			
62) 4-Bromofluorobenzene	11.43	95	33891	26.26	ug/l	0.00
Spiked Amount 50.000			Recovery = 52.52%			
Target Compounds						Qvalue
5) Bromomethane	1.31	94	702	1.466	ug/l #	2
8) Diethyl Ether	1.67	74	216	1.031	ug/l	81
11) Tert butyl alcohol	2.58	59	70	1.937	ug/l #	62
13) Acrolein	1.99	56	315	9.201	ug/l	87
15) Acrylonitrile	2.97	53	699	8.629	ug/l #	34
16) Acetone	2.25	43	2785	17.134	ug/l	100
18) Methyl Acetate	2.38	43	2351	7.208	ug/l #	87
20) Methylene Chloride	2.24	84	2090	3.505	ug/l #	51
23) Vinyl Acetate	3.18	43	1006	1.095	ug/l #	80
25) 2-Butanone	4.35	43	297	1.056	ug/l #	57
29) Tetrahydrofuran	4.05	42	233	1.955	ug/l #	37
41) Methacrylonitrile	4.74	41	224	Below Cal	#	23
43) Isopropyl Acetate	6.98	43	146	Below Cal	#	49
49) 1,4-Dioxane	6.51	88	60	16.534	ug/l #	15
59) 2-Hexanone	9.53	43	877	2.475	ug/l	71
95) Naphthalene	14.47	128	1663	Below Cal	#	81

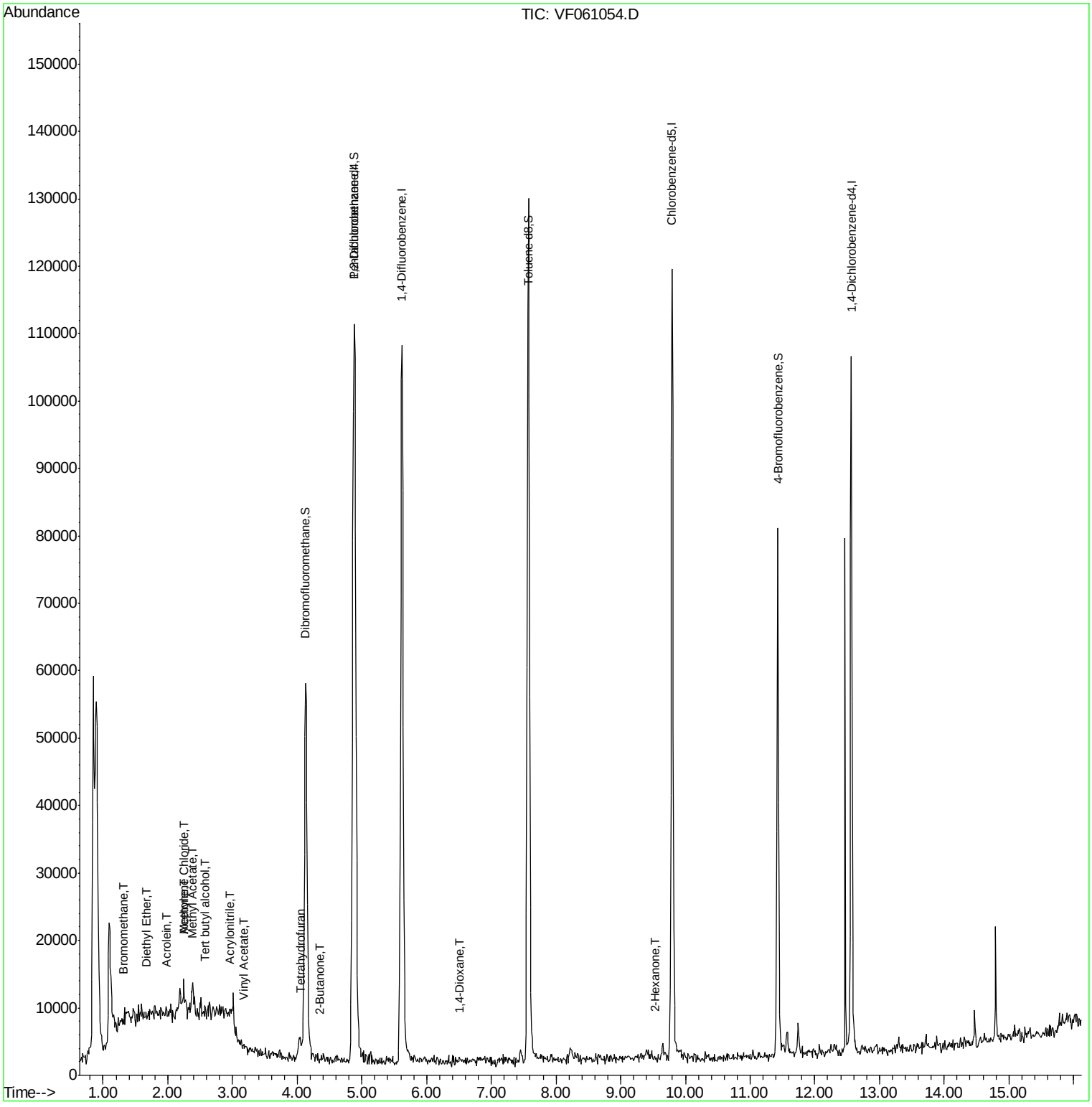
(#) = qualifier out of range (m) = manual integration (+) = signals summed

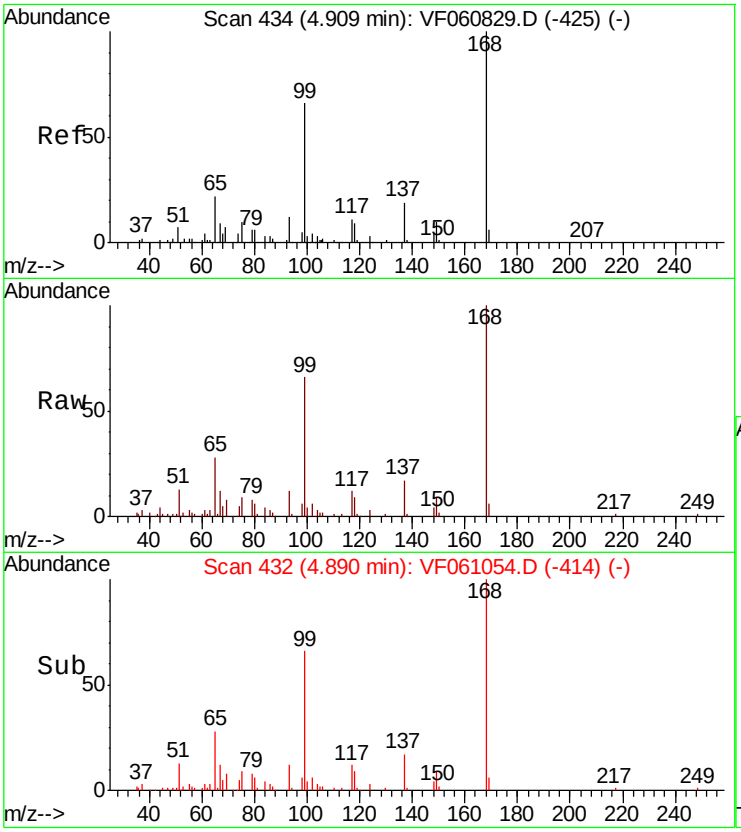
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF121718\
Data File : VF061054.D
Acq On : 17 Dec 2018 21:46
Operator : VA/AP
Sample : J6391-17RE
Misc : 2.75g/5mL/MSVOA-F/SOIL
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :

Quant Time: Dec 18 03:10:35 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



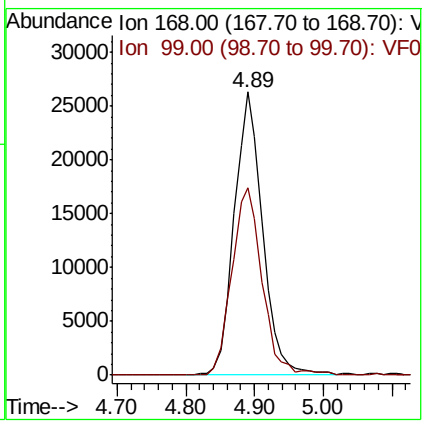


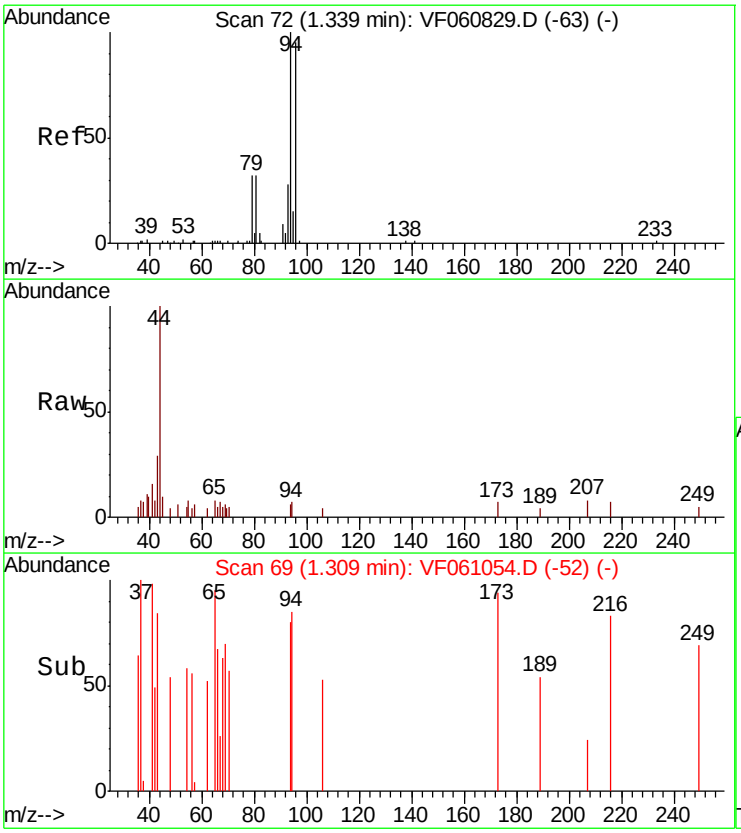
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 4.89 min Scan# 432
Delta R.T. -0.02 min
Lab File: VF061054.D
Acq: 17 Dec 2018 21:46

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion:168 Resp: 74824

Ion	Ratio	Lower	Upper
168	100		
99	66.3	52.6	79.0

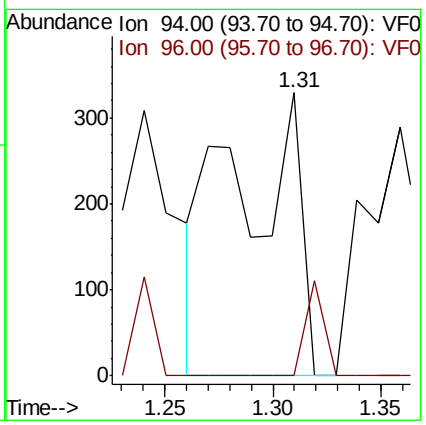


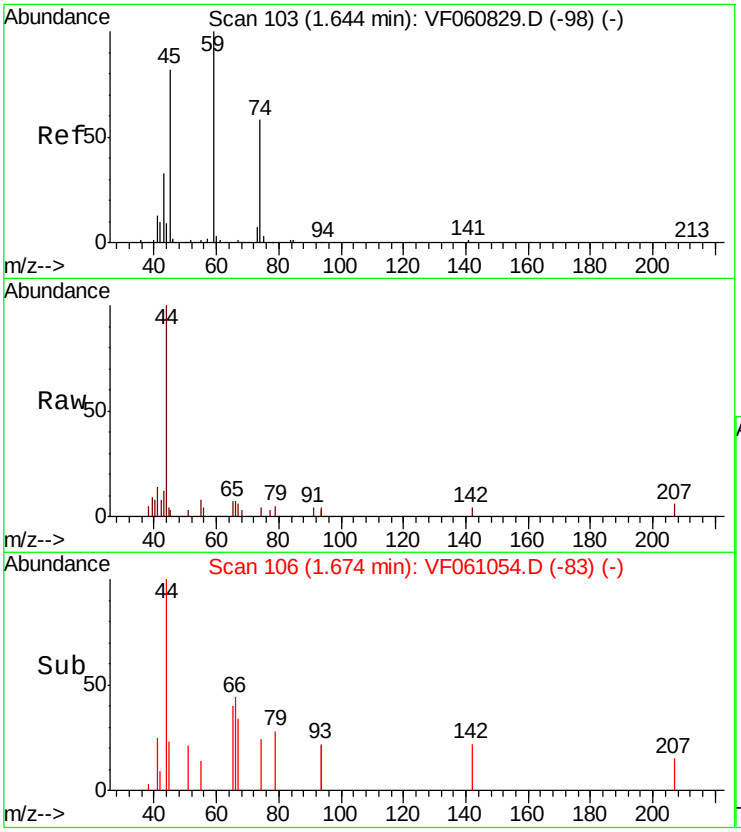


#5
Bromomethane
Concen: 1.466 ug/l
RT: 1.31 min Scan# 69
Delta R.T. -0.03 min
Lab File: VF061054.D
Acq: 17 Dec 2018 21:46

Tgt Ion: 94 Resp: 702

Ion	Ratio	Lower	Upper
94	100		
96	0.0	75.9	113.9#



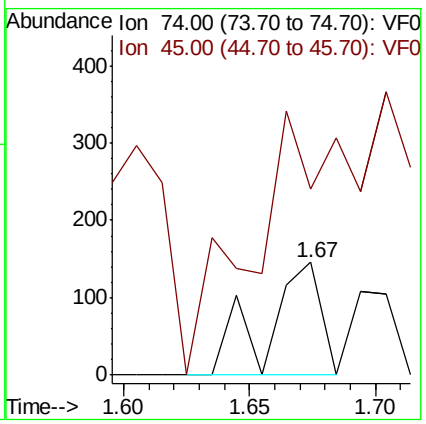


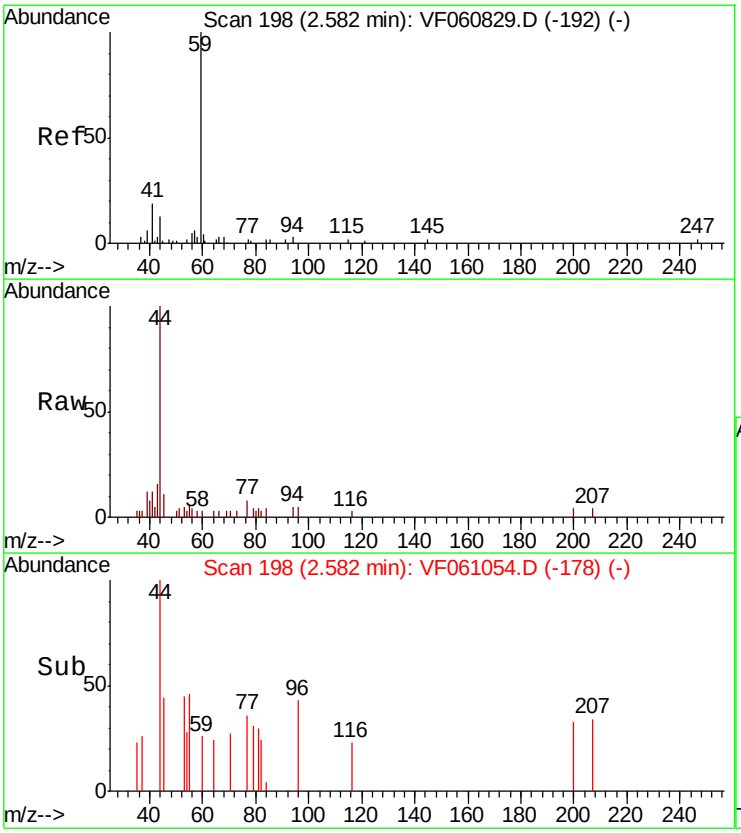
#8
Diethyl Ether
Concen: 1.031 ug/l
RT: 1.67 min Scan# 106
Delta R.T. 0.03 min
Lab File: VF061054.D
Acq: 17 Dec 2018 21:46

Instrument : MSVOA_F
ClientSampleId :

Tgt Ion: 74 Resp: 216

Ion	Ratio	Lower	Upper
74	100		
45	165.1	71.0	212.8

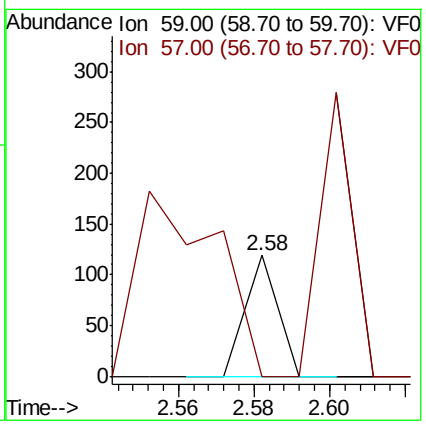


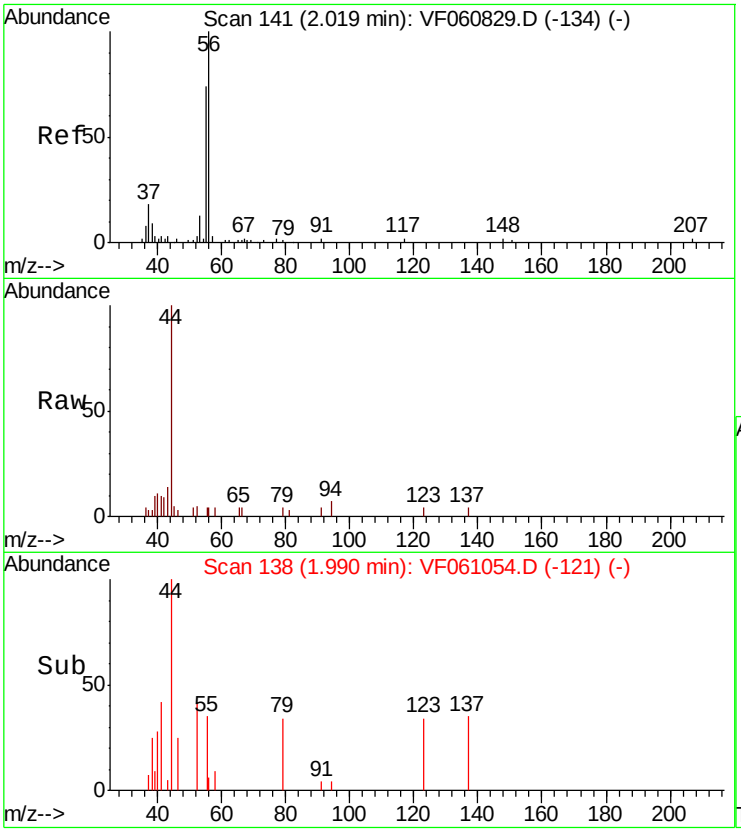


#11
Tert butyl alcohol
Concen: 1.937 ug/l
RT: 2.58 min Scan# 198
Delta R.T. 0.00 min
Lab File: VF061054.D
Acq: 17 Dec 2018 21:46

Tgt Ion: 59 Resp: 70

Ion	Ratio	Lower	Upper
59	100		
57	0.0	12.7	19.1#



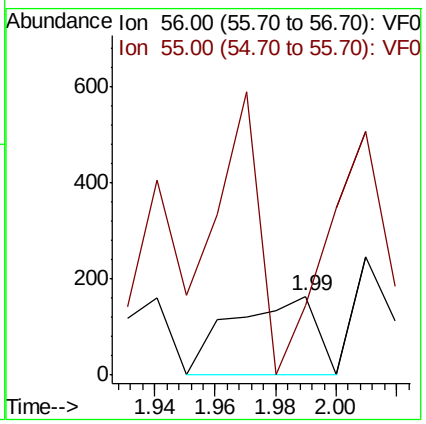


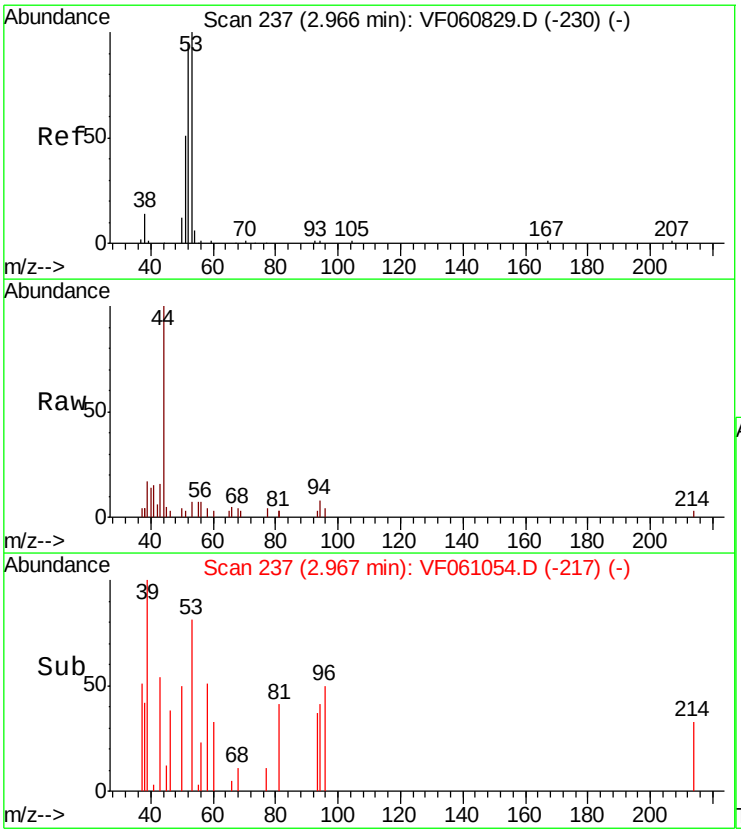
#13
Acrolein
Concen: 9.201 ug/l
RT: 1.99 min Scan# 138
Delta R.T. -0.03 min
Lab File: VF061054.D
Acq: 17 Dec 2018 21:46

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 56 Resp: 315

Ion	Ratio	Lower	Upper
56	100		
55	87.8	61.2	91.8

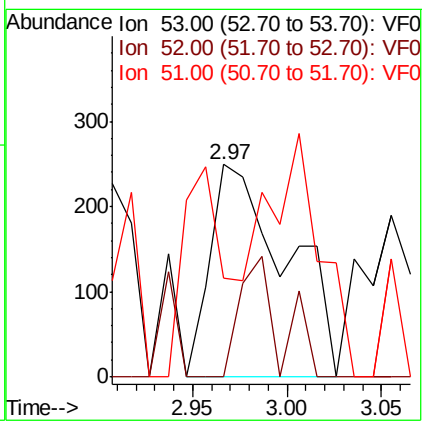


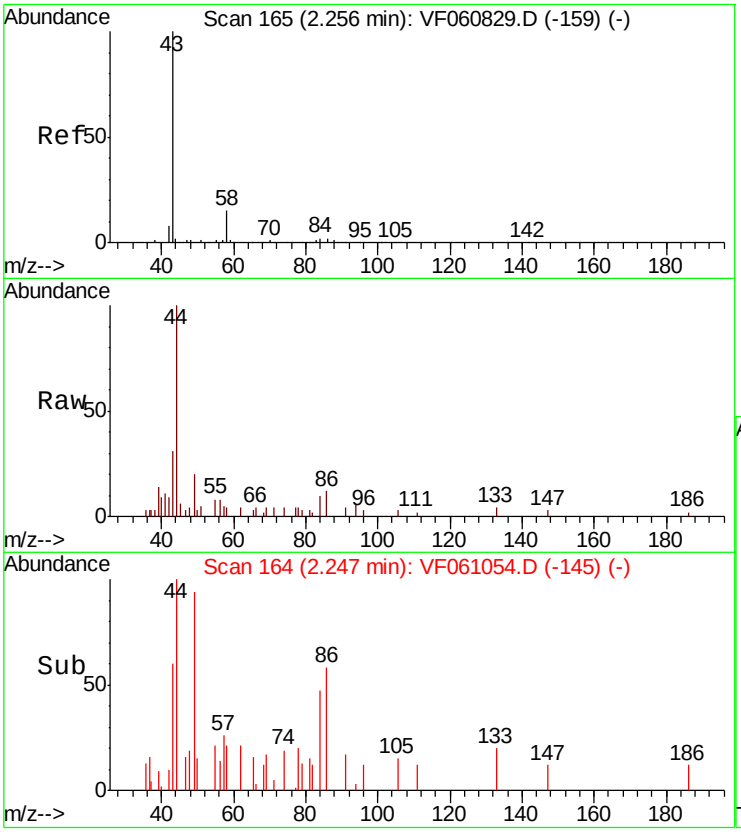


#15
Acrylonitrile
Concen: 8.629 ug/l
RT: 2.97 min Scan# 237
Delta R.T. 0.00 min
Lab File: VF061054.D
Acq: 17 Dec 2018 21:46

Tgt Ion: 53 Resp: 699

Ion	Ratio	Lower	Upper
53	100		
52	0.0	76.5	114.7#
51	46.6	40.7	61.1

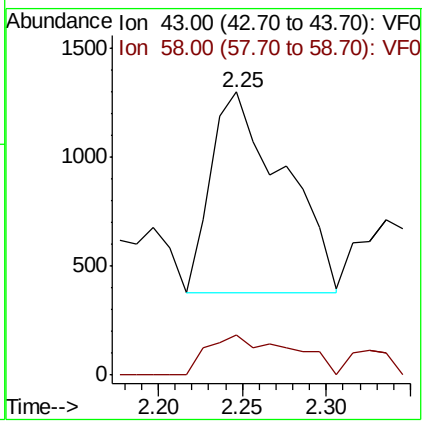




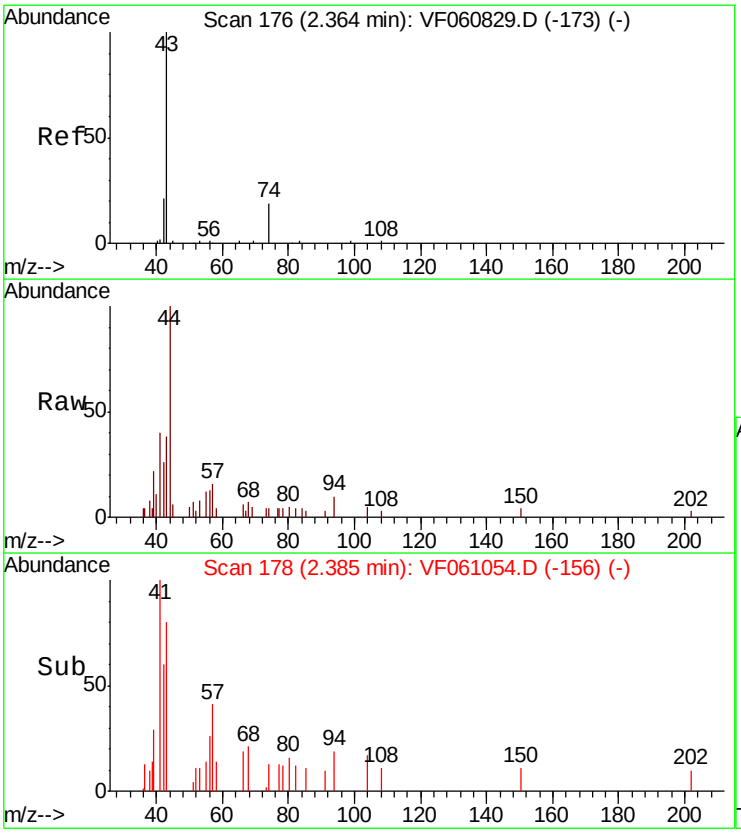
#16
Acetone
Concen: 17.134 ug/l
RT: 2.25 min Scan# 164
Delta R.T. -0.01 min
Lab File: VF061054.D
Acq: 17 Dec 2018 21:46

Tgt Ion: 43 Resp: 2785

Ion	Ratio	Lower	Upper
43	100		
58	14.4	11.4	17.2



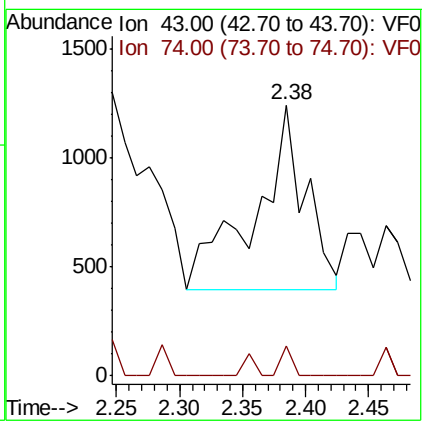
Instrument :
MSVOA_F
ClientSampleId :

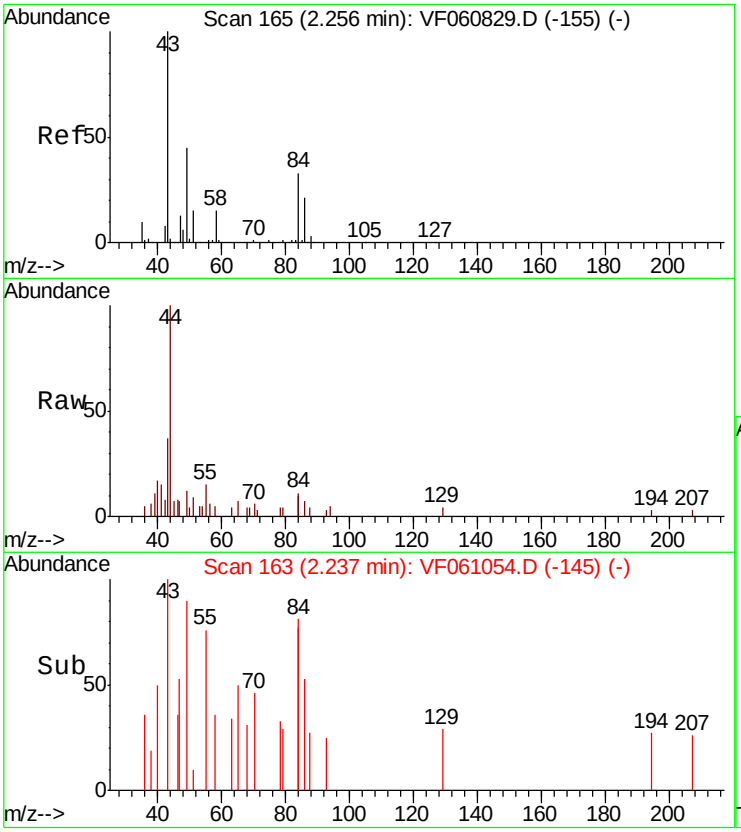


#18
Methyl Acetate
Concen: 7.208 ug/l
RT: 2.38 min Scan# 178
Delta R.T. 0.02 min
Lab File: VF061054.D
Acq: 17 Dec 2018 21:46

Tgt Ion: 43 Resp: 2351

Ion	Ratio	Lower	Upper
43	100		
74	11.1	13.3	19.9#



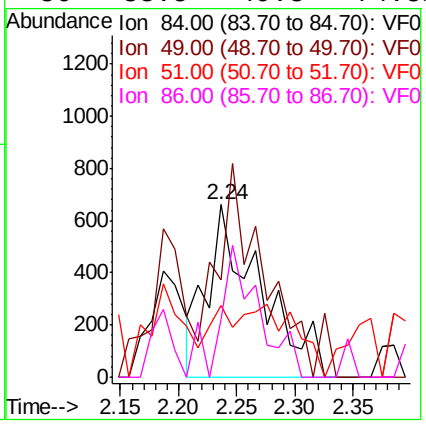


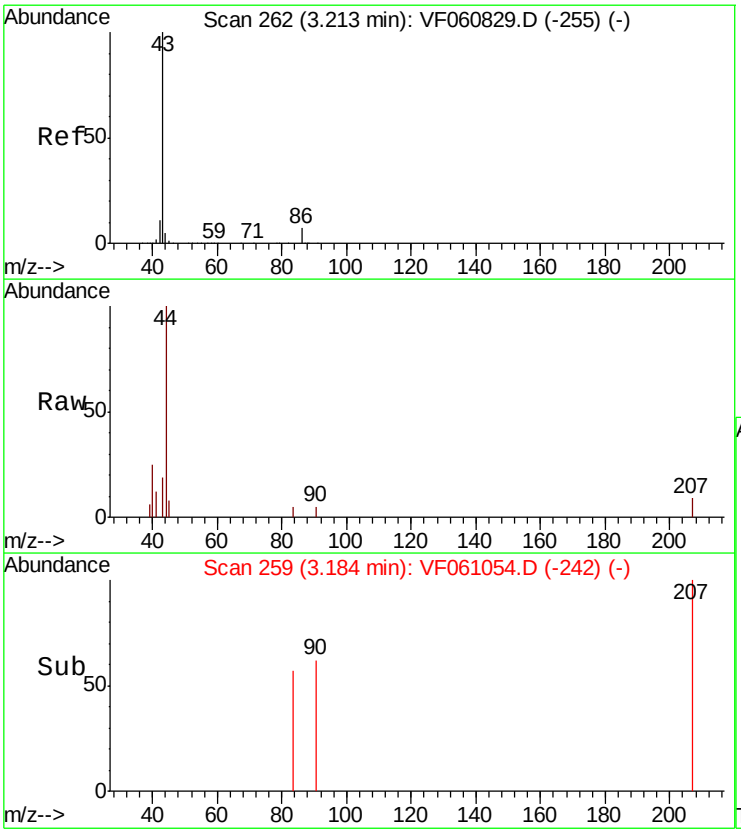
#20
Methylene Chloride
Concen: 3.505 ug/l
RT: 2.24 min Scan# 163
Delta R.T. -0.02 min
Lab File: VF061054.D
Acq: 17 Dec 2018 21:46

Instrument : MSVOA_F
ClientSampleId :

Tgt Ion: 84 Resp: 2090

Ion	Ratio	Lower	Upper
84	100		
49	56.8	111.3	166.9#
51	41.7	38.0	57.0
86	33.5	49.8	74.8#

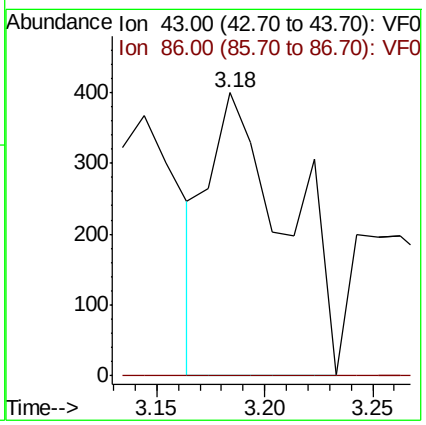


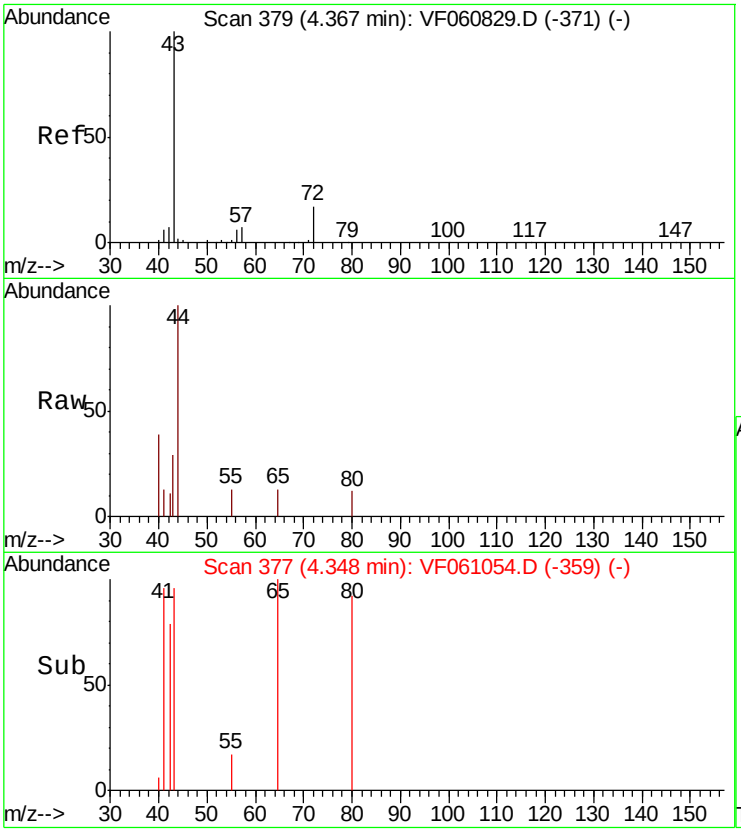


#23
Vinyl Acetate
Concen: 1.095 ug/l
RT: 3.18 min Scan# 259
Delta R.T. -0.03 min
Lab File: VF061054.D
Acq: 17 Dec 2018 21:46

Tgt Ion: 43 Resp: 1006

Ion	Ratio	Lower	Upper
43	100		
86	0.0	5.4	8.0#



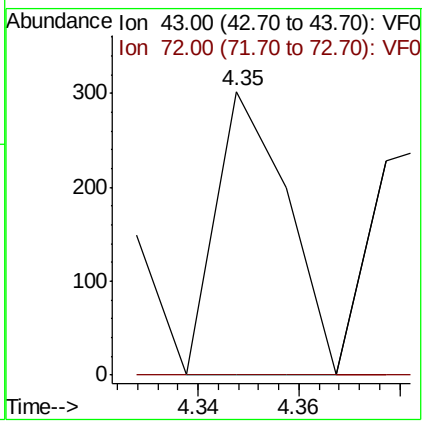


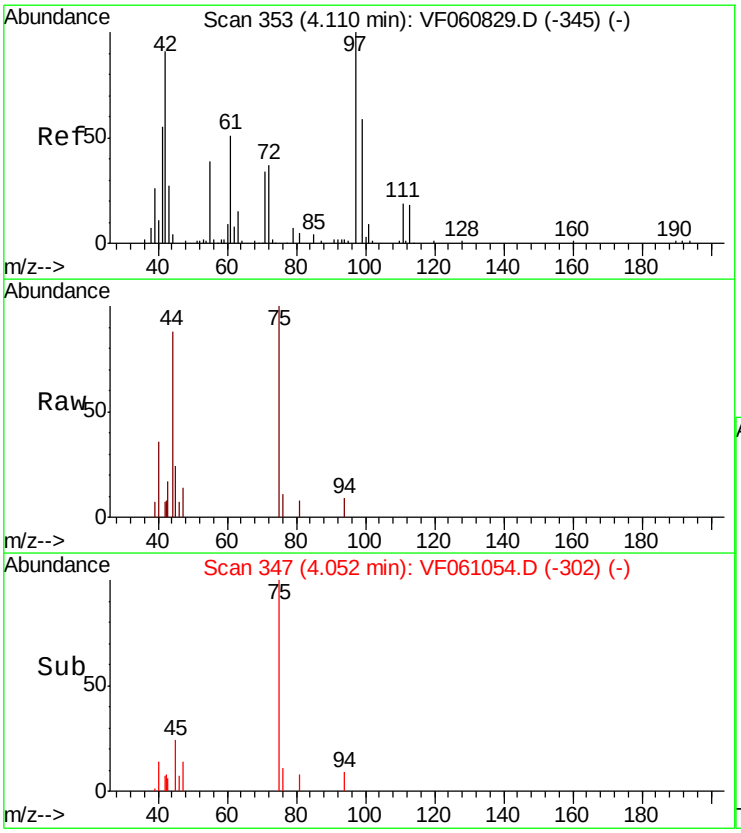
#25
2-Butanone
Concen: 1.056 ug/l
RT: 4.35 min Scan# 377
Delta R.T. -0.02 min
Lab File: VF061054.D
Acq: 17 Dec 2018 21:46

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 43 Resp: 297

Ion	Ratio	Lower	Upper
43	100		
72	0.0	15.4	23.2#

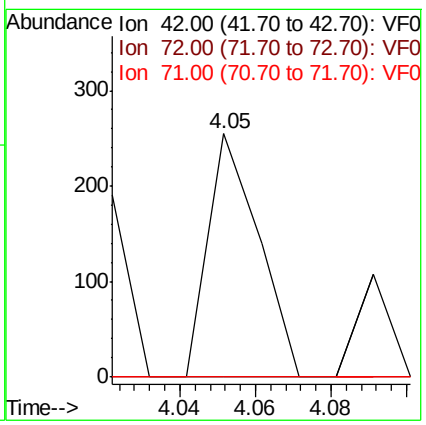


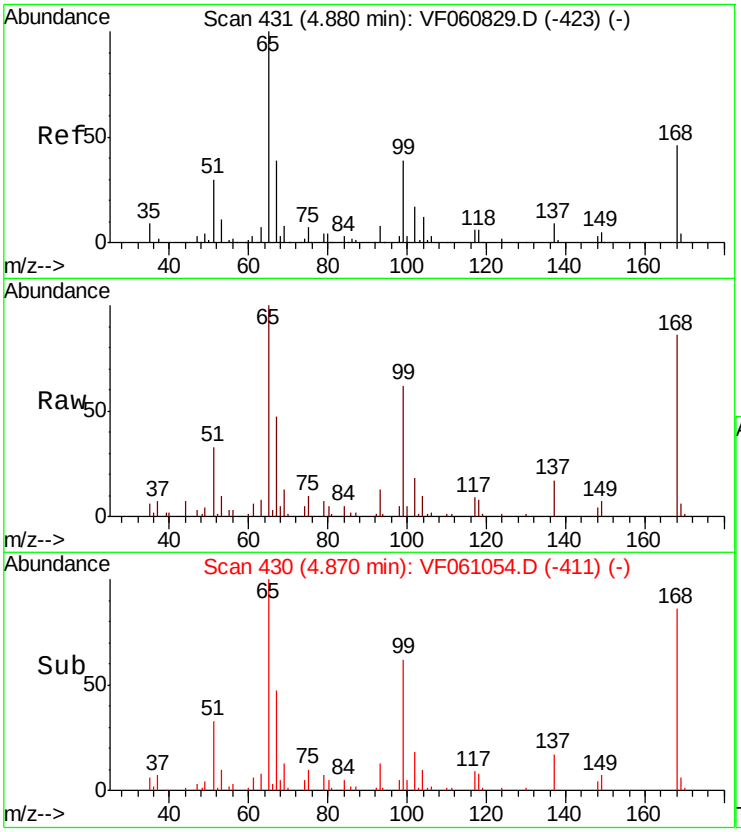


#29
Tetrahydrofuran
Concen: 1.955 ug/l
RT: 4.05 min Scan# 347
Delta R.T. -0.06 min
Lab File: VF061054.D
Acq: 17 Dec 2018 21:46

Tgt Ion: 42 Resp: 233

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



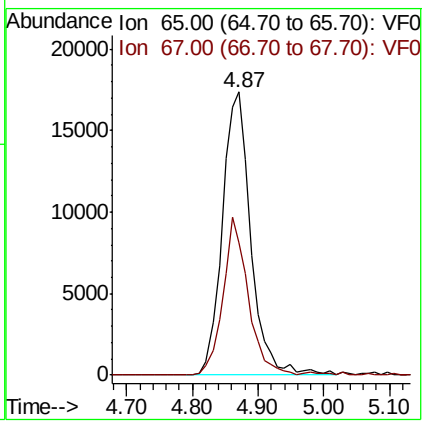


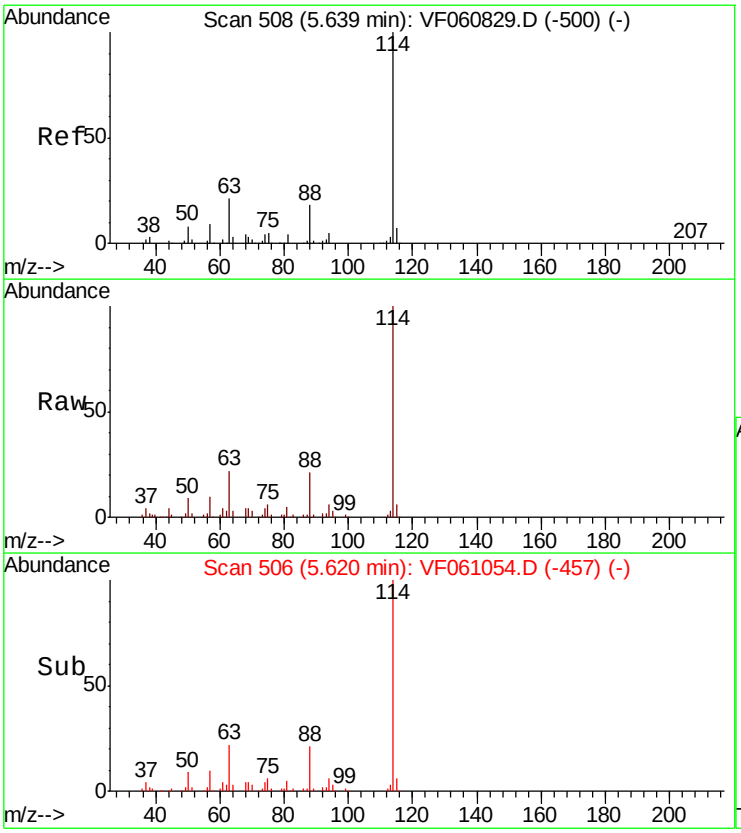
#33
1,2-Dichloroethane-d4
Concen: 59.570 ug/l
RT: 4.87 min Scan# 430
Delta R.T. -0.01 min
Lab File: VF061054.D
Acq: 17 Dec 2018 21:46

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 65 Resp: 52508

Ion	Ratio	Lower	Upper
65	100		
67	46.9	0.0	96.4

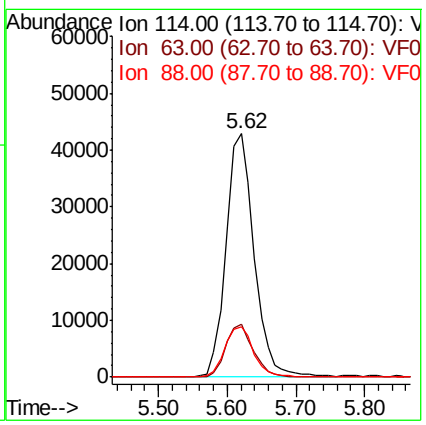


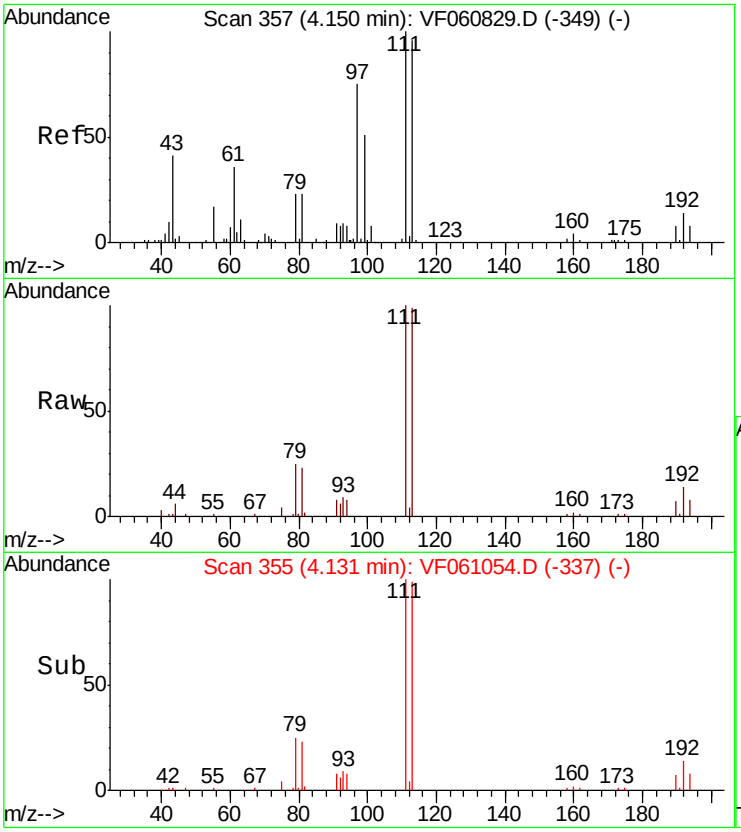


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.62 min Scan# 506
Delta R.T. -0.02 min
Lab File: VF061054.D
Acq: 17 Dec 2018 21:46

Tgt Ion:114 Resp: 121531

Ion	Ratio	Lower	Upper
114	100		
63	21.6	0.0	41.6
88	20.8	0.0	36.6



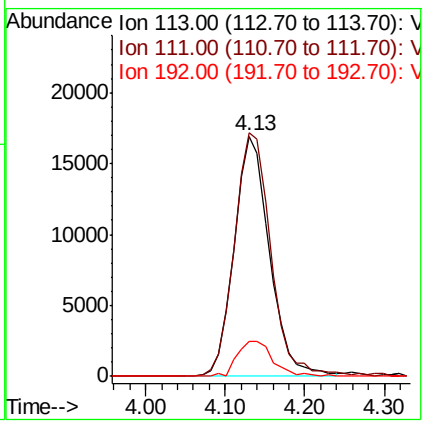


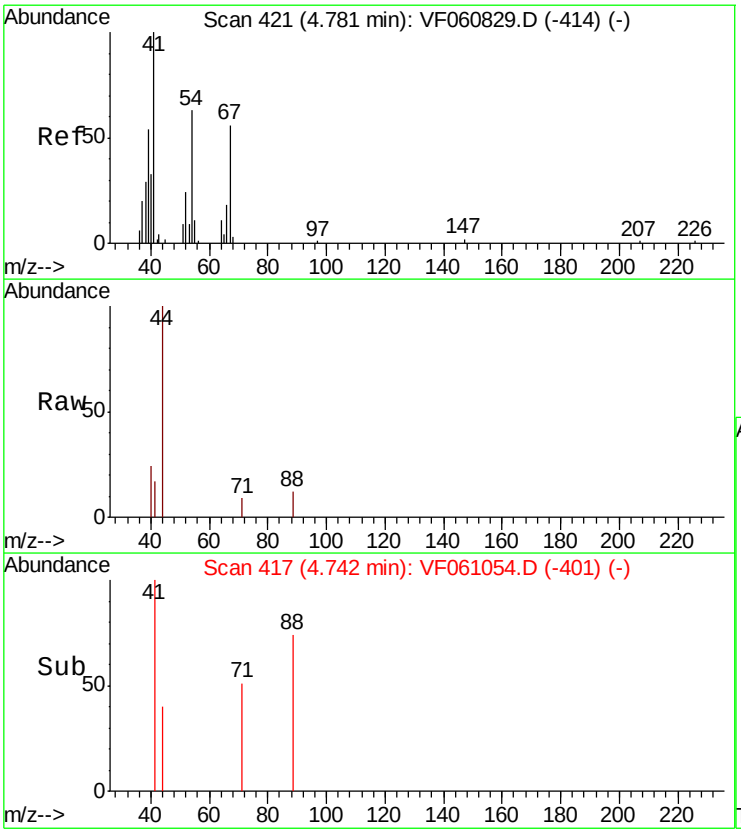
#35
Dibromofluoromethane
Concen: 53.961 ug/l
RT: 4.13 min Scan# 355
Delta R.T. -0.02 min
Lab File: VF061054.D
Acq: 17 Dec 2018 21:46

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion:113 Resp: 52026

Ion	Ratio	Lower	Upper
113	100		
111	101.4	83.0	124.6
192	14.3	12.3	18.5

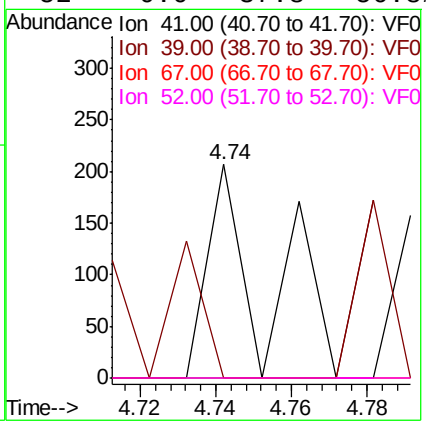


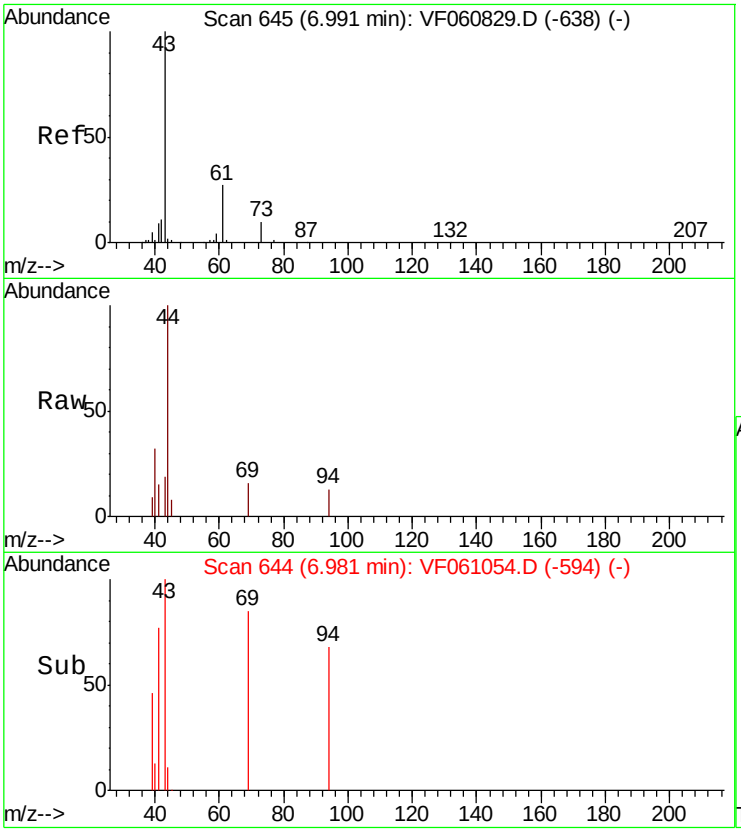


#41
Methacrylonitrile
Concen: Below Cal
RT: 4.74 min Scan# 417
Delta R.T. -0.04 min
Lab File: VF061054.D
Acq: 17 Dec 2018 21:46

Tgt Ion: 41 Resp: 224

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#



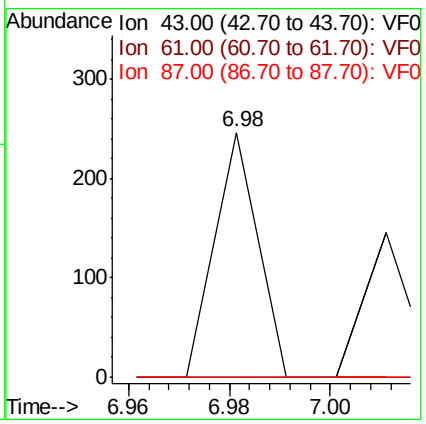


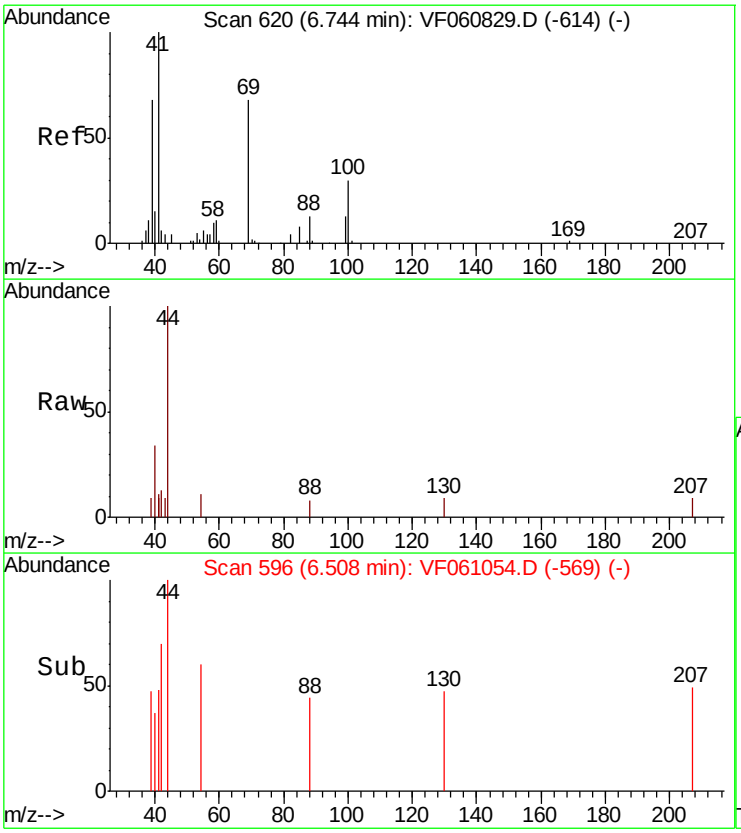
#43
Isopropyl Acetate
Concen: Below Cal
RT: 6.98 min Scan# 644
Delta R.T. -0.01 min
Lab File: VF061054.D
Acq: 17 Dec 2018 21:46

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 43 Resp: 146

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

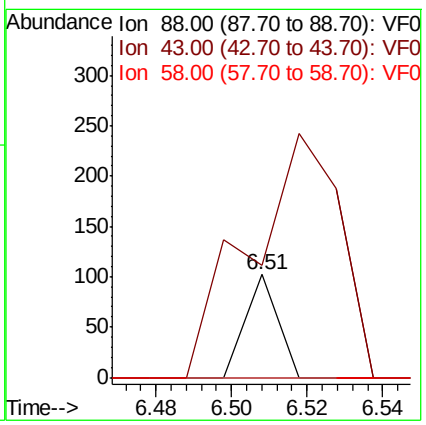


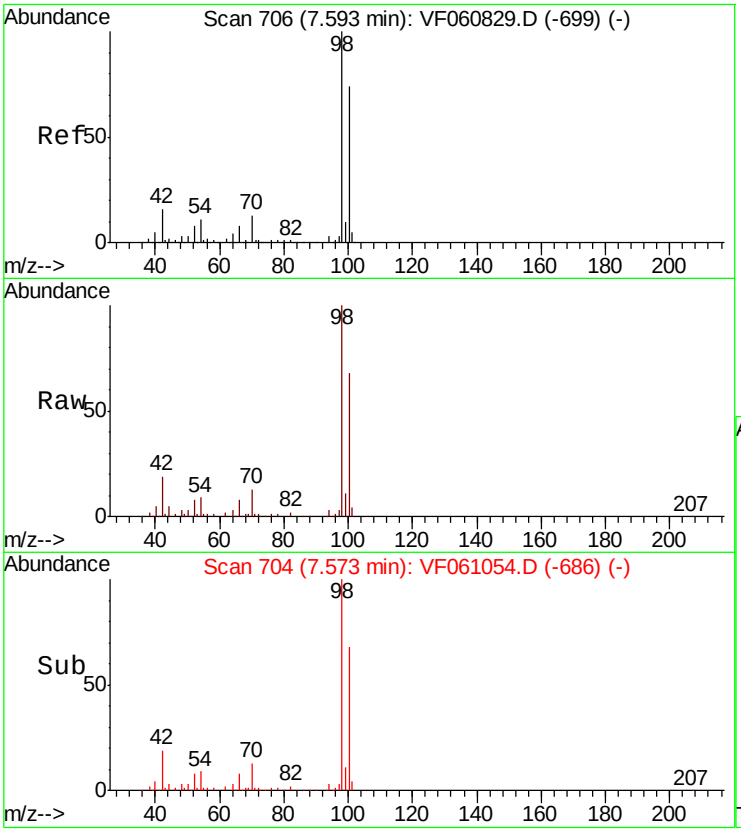


#49
1,4-Dioxane
Concen: 16.534 ug/l
RT: 6.51 min Scan# 596
Delta R.T. -0.24 min
Lab File: VF061054.D
Acq: 17 Dec 2018 21:46

Tgt Ion: 88 Resp: 60

Ion	Ratio	Lower	Upper
88	100		
43	108.8	42.0	63.0#
58	0.0	61.8	92.8#



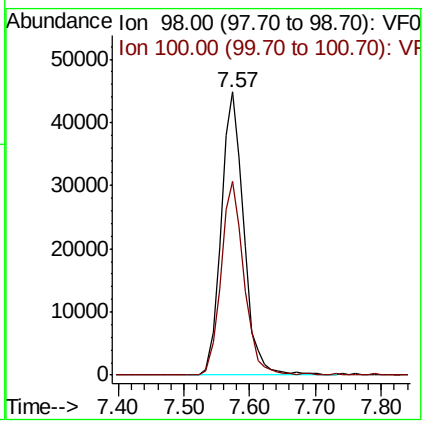


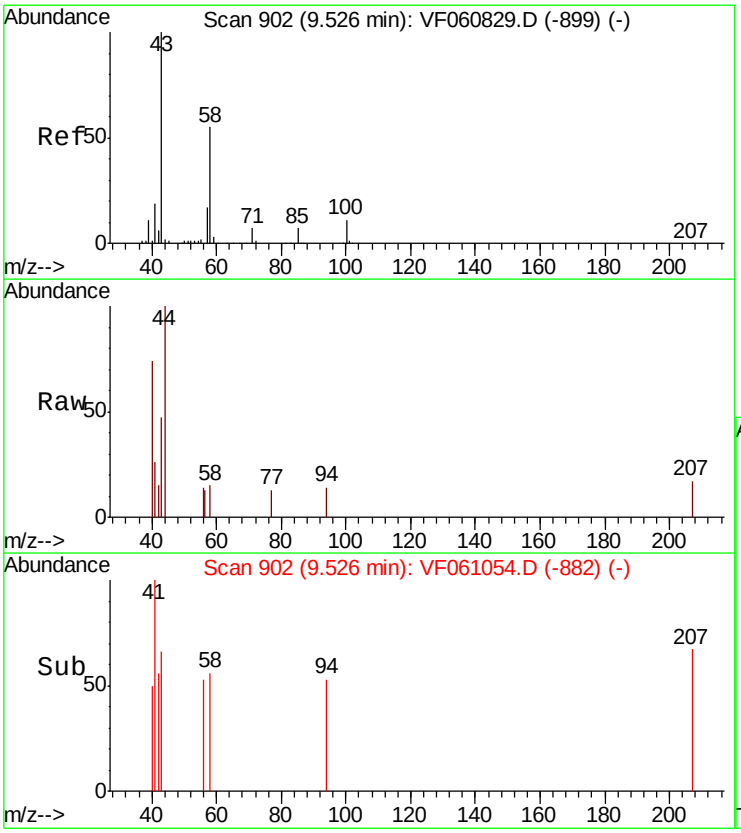
#50
Toluene-d8
Concen: 37.913 ug/l
RT: 7.57 min Scan# 704
Delta R.T. -0.02 min
Lab File: VF061054.D
Acq: 17 Dec 2018 21:46

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 98 Resp: 107676

Ion	Ratio	Lower	Upper
98	100		
100	68.4	59.3	88.9

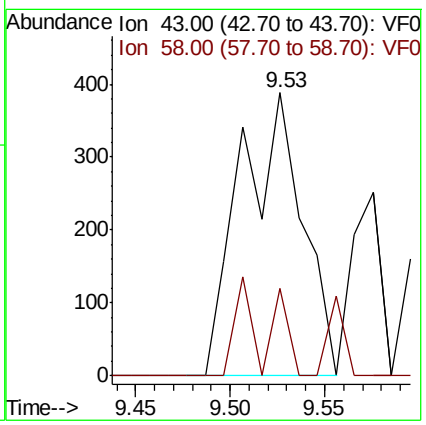


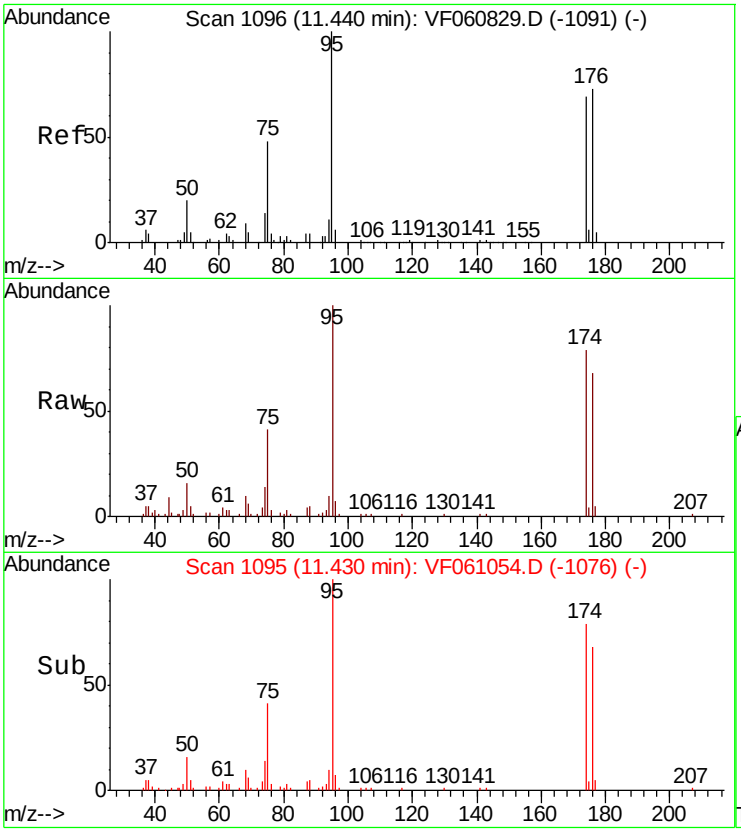


#59
2-Hexanone
Concen: 2.475 ug/l
RT: 9.53 min Scan# 902
Delta R.T. 0.00 min
Lab File: VF061054.D
Acq: 17 Dec 2018 21:46

Tgt Ion: 43 Resp: 877

Ion	Ratio	Lower	Upper
43	100		
58	30.9	25.6	76.6



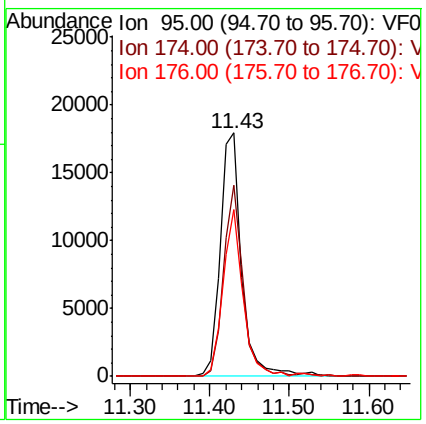


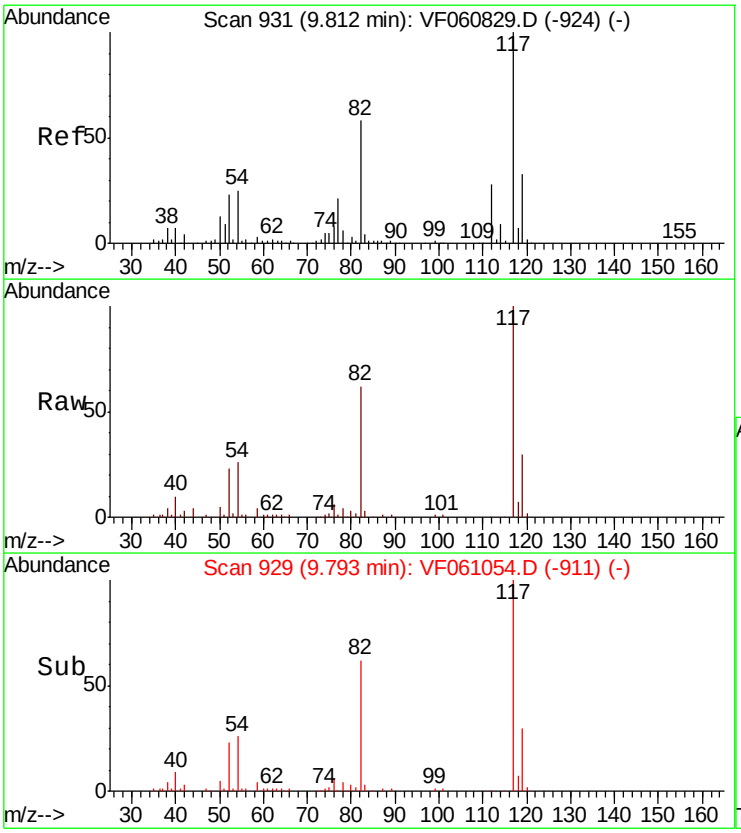
#62
4-Bromofluorobenzene
Concen: 26.257 ug/l
RT: 11.43 min Scan# 1095
Delta R.T. -0.01 min
Lab File: VF061054.D
Acq: 17 Dec 2018 21:46

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 95 Resp: 33891

Ion	Ratio	Lower	Upper
95	100		
174	78.8	0.0	138.2
176	68.5	0.0	146.2

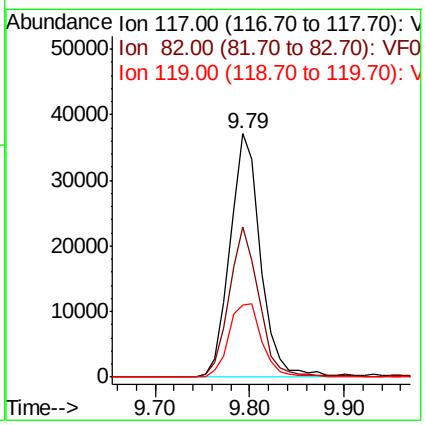


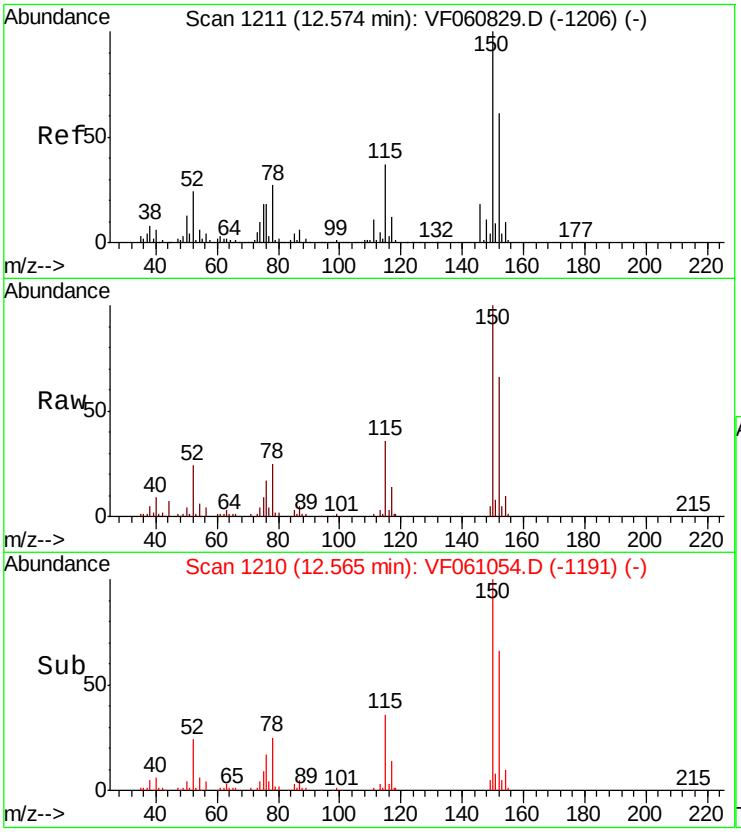


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.79 min Scan# 929
Delta R.T. -0.02 min
Lab File: VF061054.D
Acq: 17 Dec 2018 21:46

Tgt Ion:117 Resp: 82916

Ion	Ratio	Lower	Upper
117	100		
82	61.8	46.6	69.8
119	29.5	26.4	39.6



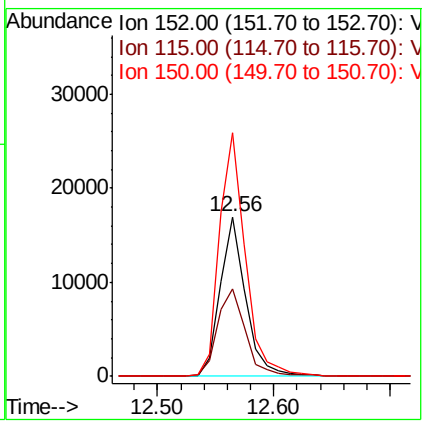


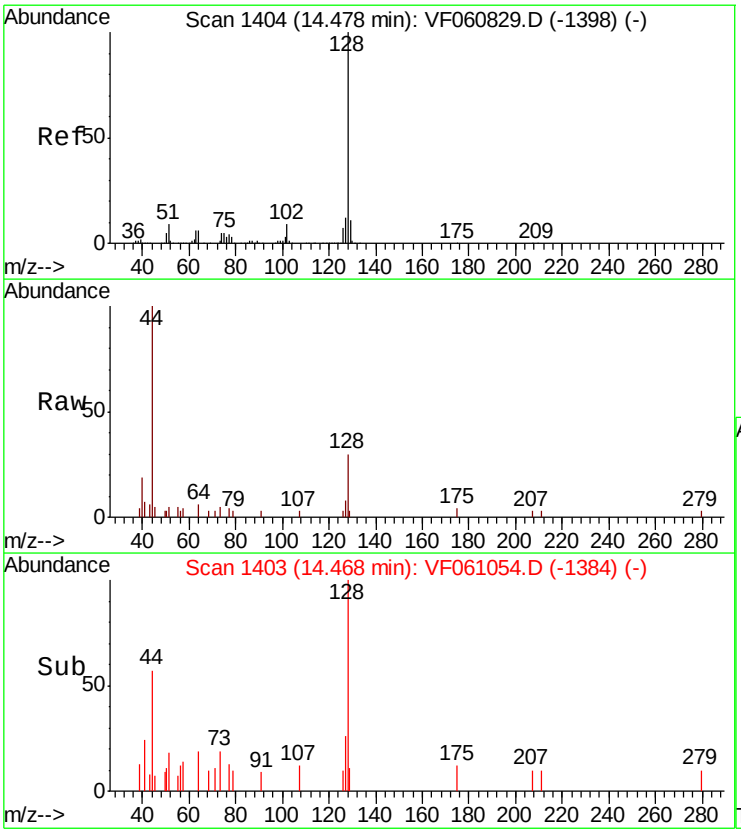
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.56 min Scan# 1210
Delta R.T. -0.01 min
Lab File: VF061054.D
Acq: 17 Dec 2018 21:46

Instrument : MSVOA_F
ClientSampleId :

Tgt Ion:152 Resp: 25734

Ion	Ratio	Lower	Upper
152	100		
115	54.6	30.1	90.5
150	152.6	0.0	327.6





#95
Naphthalene
Concen: Below Cal
RT: 14.47 min Scan# 1403
Delta R.T. -0.01 min
Lab File: VF061054.D
Acq: 17 Dec 2018 21:46

Tgt Ion:128 Resp: 1663

Ion	Ratio	Lower	Upper
128	100		
127	26.0	9.9	14.9#
129	10.8	9.1	13.7