Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF120618\
Data File : VF060930.D
Acq On : 6 Dec 2018 21:27
Operator : VA/AP
Sample : J6214-27
Misc : 3.88g/5mL/MSVOA-F/SOIL
ALS Vial : 21 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId :

Quant Time: Dec 07 00:25:24 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	147224	50.00	ug/l	-0.05
34) 1,4-Difluorobenzene	5.60	114	260444	50.00	ug/l	-0.04
63) Chlorobenzene-d5	9.77	117	172849	50.00	ug/l	-0.04
72) 1,4-Dichlorobenzene-d4	12.55	152	45882	50.00	ug/l	-0.02
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.84	65	88930	51.28	ug/l	-0.04
Spiked Amount 50.000			Recovery = 102.56%			
35) Dibromofluoromethane	4.11	113	100865	48.82	ug/l	-0.04
Spiked Amount 50.000			Recovery = 97.64%			
50) Toluene-d8	7.55	98	191689	31.50	ug/l	-0.04
Spiked Amount 50.000			Recovery = 63.00%			
62) 4-Bromofluorobenzene	11.41	95	61005	22.05	ug/l	-0.03
Spiked Amount 50.000			Recovery = 44.10%			
Target Compounds						Qvalue
11) Tert butyl alcohol	2.57	59	80	1.125	ug/l #	1
13) Acrolein	2.01	56	495	7.349	ug/l	87
15) Acrylonitrile	2.95	53	369	2.315	ug/l #	14
16) Acetone	2.15	43	410	1.282	ug/l	94
18) Methyl Acetate	2.31	43	811	Below Cal		98
20) Methylene Chloride	2.26	84	4070	3.469	ug/l #	88
25) 2-Butanone	4.37	43	1001	1.810	ug/l #	53
29) Tetrahydrofuran	4.05	42	472	2.013	ug/l #	37
41) Methacrylonitrile	4.73	41	62	Below Cal #		16
43) Isopropyl Acetate	6.97	43	616	Below Cal #		49
51) 4-Methyl-2-Pentanone	8.24	43	1180	1.090	ug/l #	38
59) 2-Hexanone	9.52	43	1657	2.182	ug/l #	27
95) Naphthalene	14.46	128	9557	1.530	ug/l	97

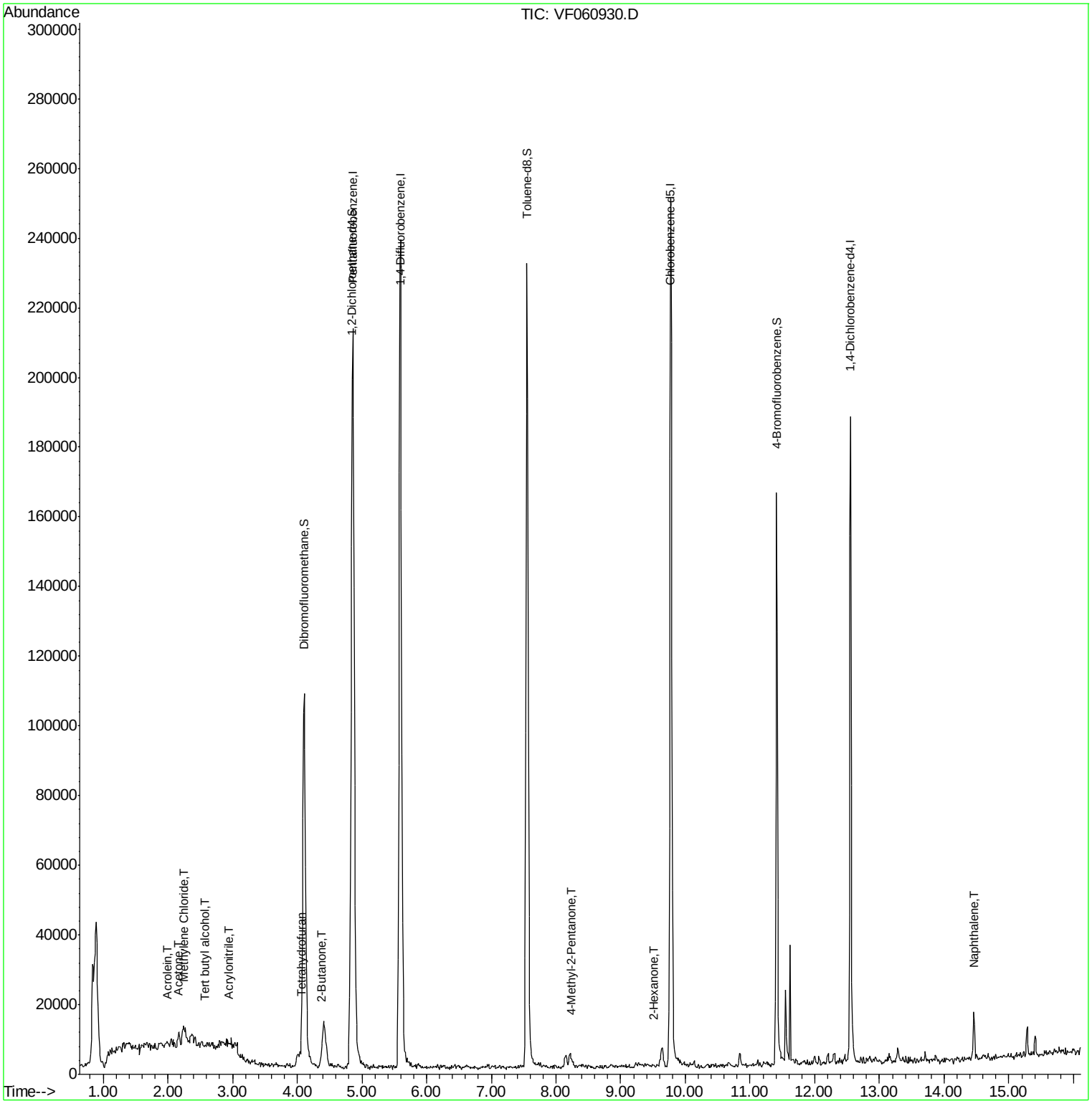
(#) = qualifier out of range (m) = manual integration (+) = signals summed

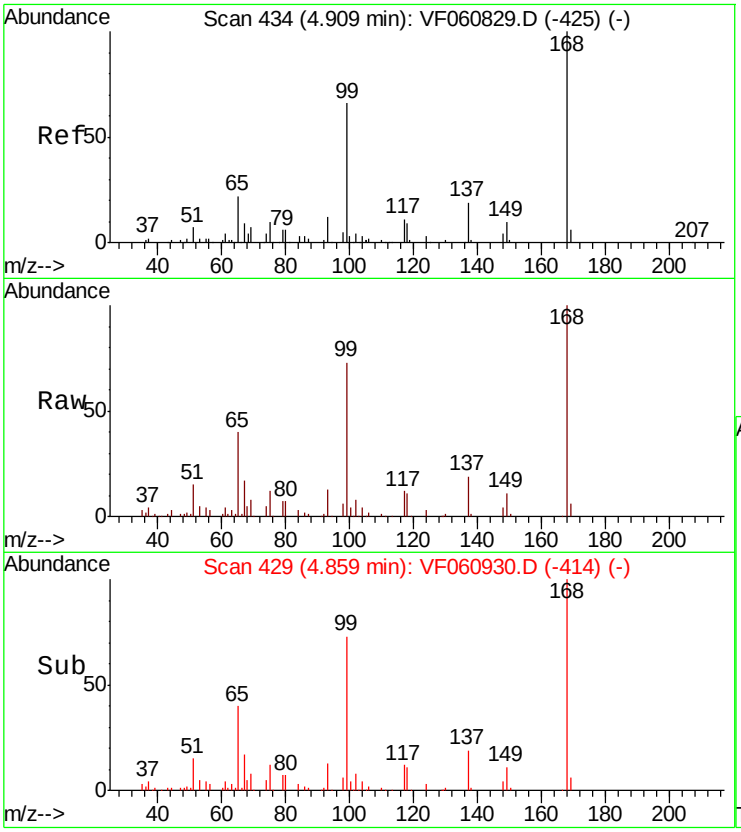
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF120618\
Data File : VF060930.D
Acq On : 6 Dec 2018 21:27
Operator : VA/AP
Sample : J6214-27
Misc : 3.88g/5mL/MSVOA-F/SOIL
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :

Quant Time: Dec 07 00:25:24 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



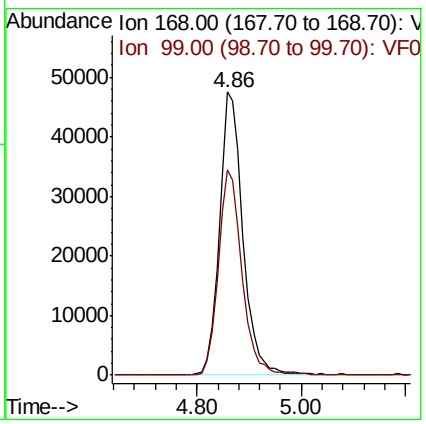


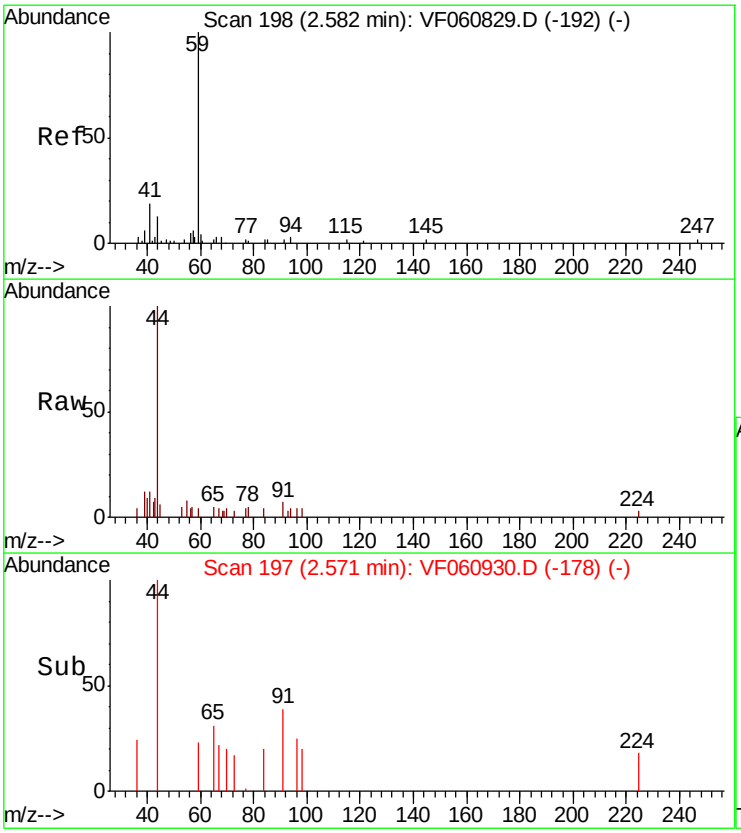
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 4.86 min Scan# 429
Delta R.T. -0.05 min
Lab File: VF060930.D
Acq: 6 Dec 2018 21:27

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion:168 Resp: 147224

Ion	Ratio	Lower	Upper
168	100		
99	72.7	52.6	79.0

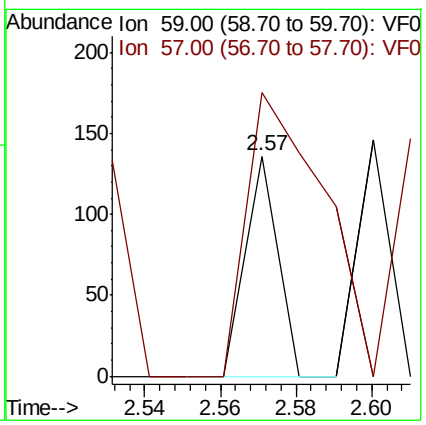


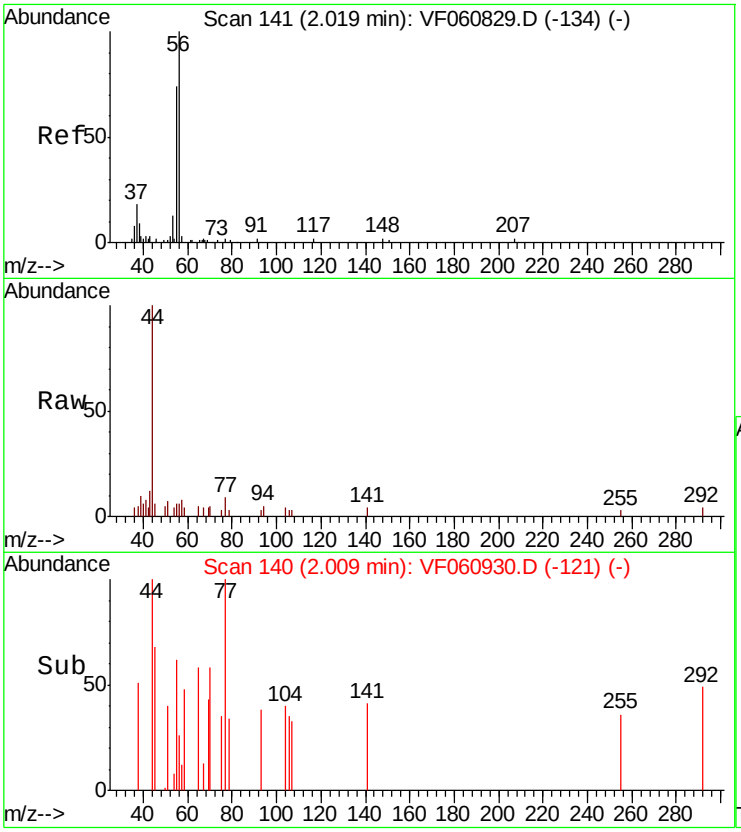


#11
Tert butyl alcohol
Concen: 1.125 ug/l
RT: 2.57 min Scan# 197
Delta R.T. -0.01 min
Lab File: VF060930.D
Acq: 6 Dec 2018 21:27

Tgt Ion: 59 Resp: 80

Ion	Ratio	Lower	Upper
59	100		
57	128.7	12.7	19.1#



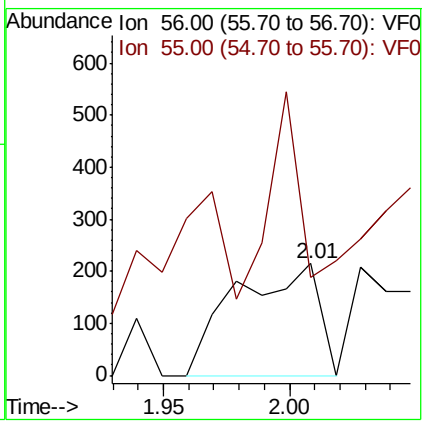


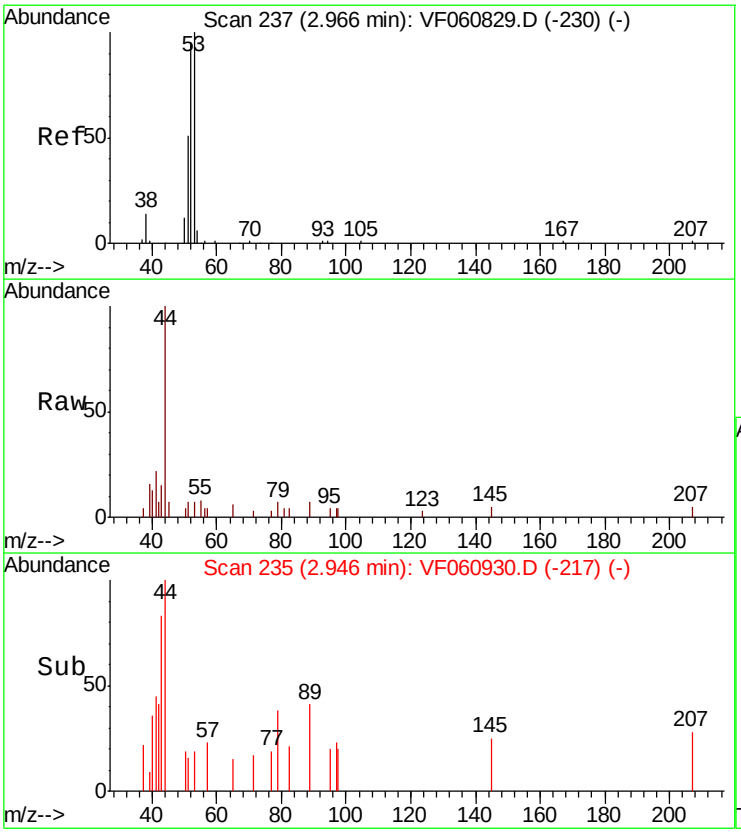
#13
Acrolein
Concen: 7.349 ug/l
RT: 2.01 min Scan# 140
Delta R.T. -0.01 min
Lab File: VF060930.D
Acq: 6 Dec 2018 21:27

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 56 Resp: 495

Ion	Ratio	Lower	Upper
56	100		
55	87.9	61.2	91.8

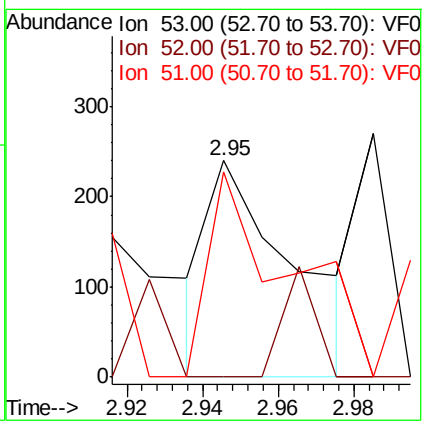


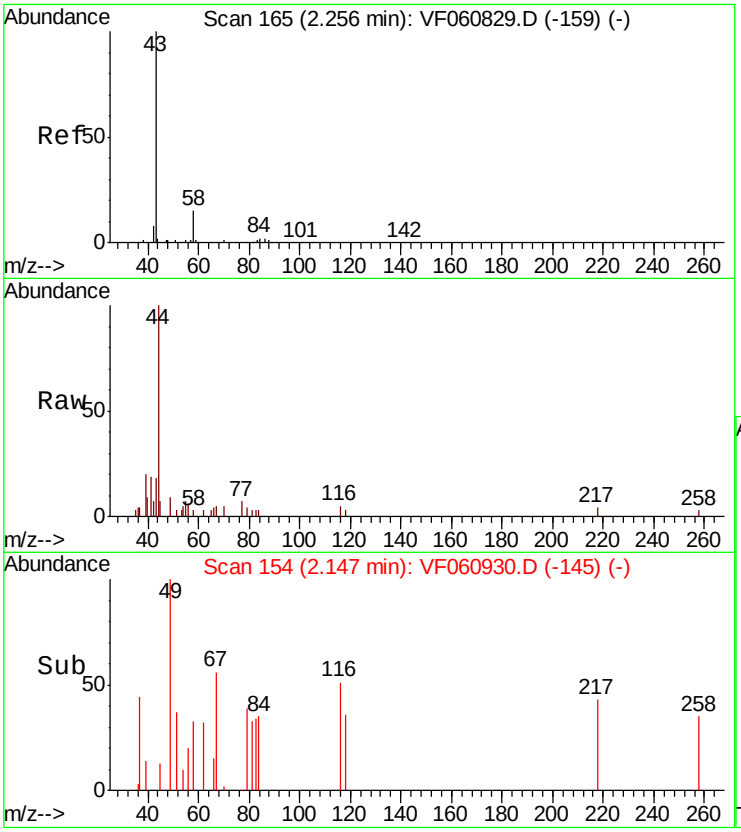


#15
Acrylonitrile
Concen: 2.315 ug/l
RT: 2.95 min Scan# 235
Delta R.T. -0.02 min
Lab File: VF060930.D
Acq: 6 Dec 2018 21:27

Tgt Ion: 53 Resp: 369

Ion	Ratio	Lower	Upper
53	100		
52	0.0	76.5	114.7#
51	94.6	40.7	61.1#



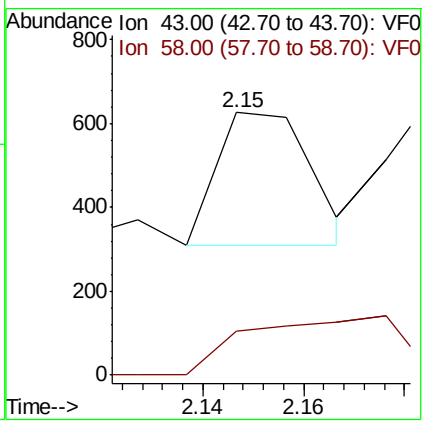


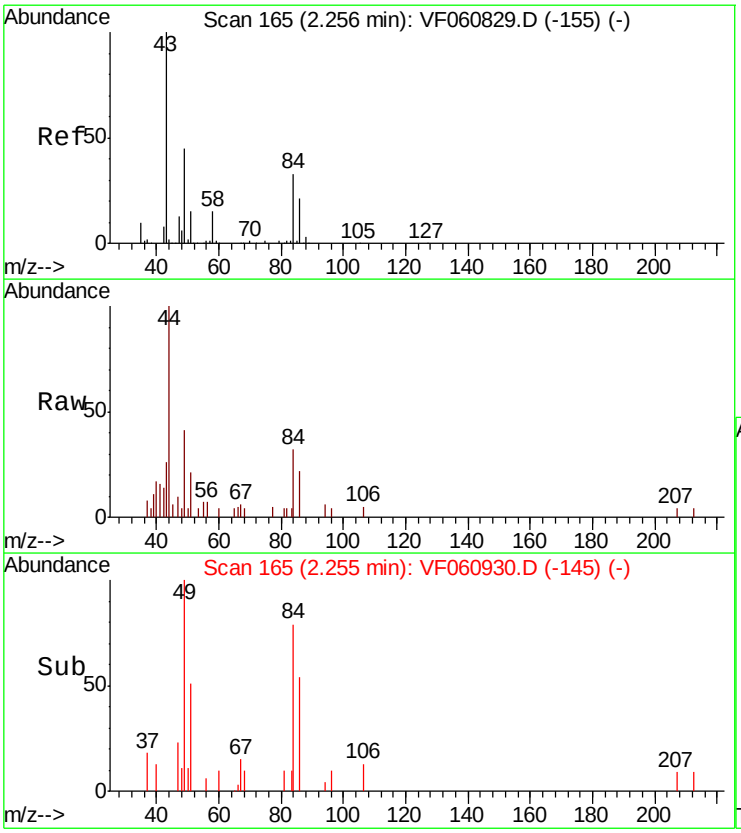
#16
Acetone
Concen: 1.282 ug/l
RT: 2.15 min Scan# 154
Delta R.T. -0.11 min
Lab File: VF060930.D
Acq: 6 Dec 2018 21:27

Instrument : MSVOA_F
ClientSampleId :

Tgt Ion: 43 Resp: 410

Ion	Ratio	Lower	Upper
43	100		
58	16.9	11.4	17.2

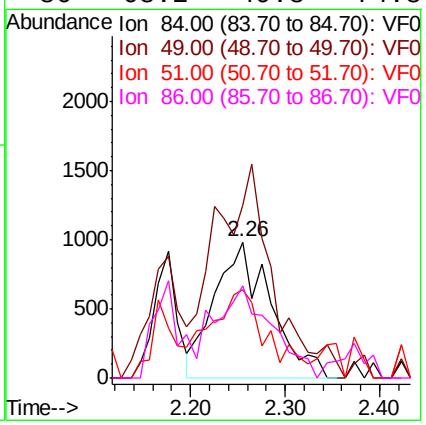


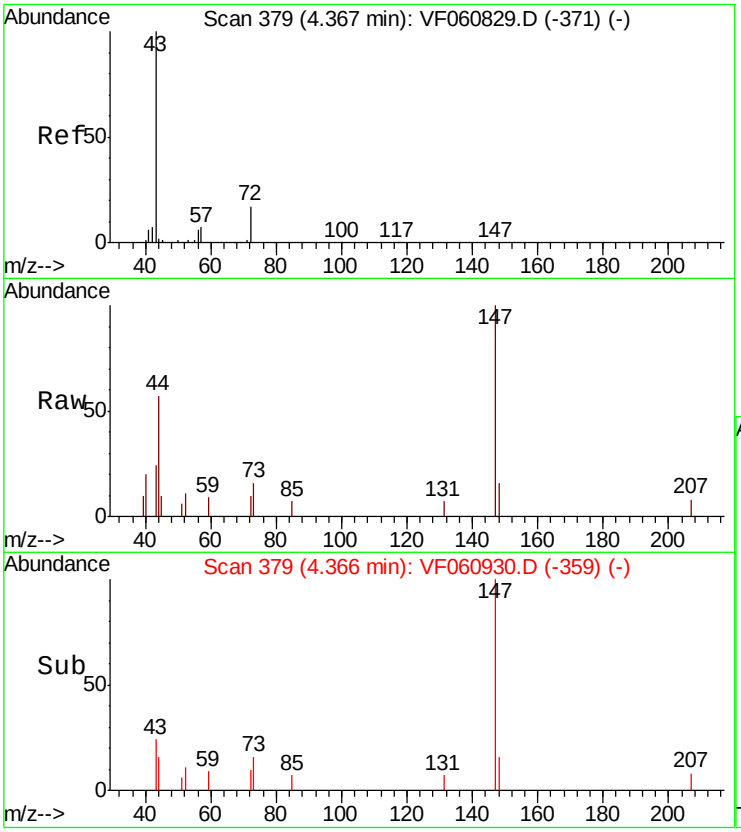


#20
Methylene Chloride
Concen: 3.469 ug/l
RT: 2.26 min Scan# 165
Delta R.T. -0.00 min
Lab File: VF060930.D
Acq: 6 Dec 2018 21:27

Tgt Ion: 84 Resp: 4070

Ion	Ratio	Lower	Upper
84	100		
49	127.4	111.3	166.9
51	65.3	38.0	57.0#
86	68.2	49.8	74.8



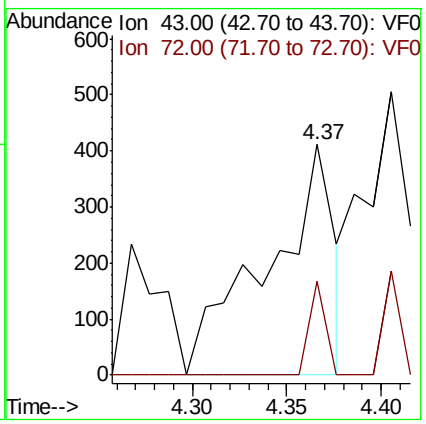


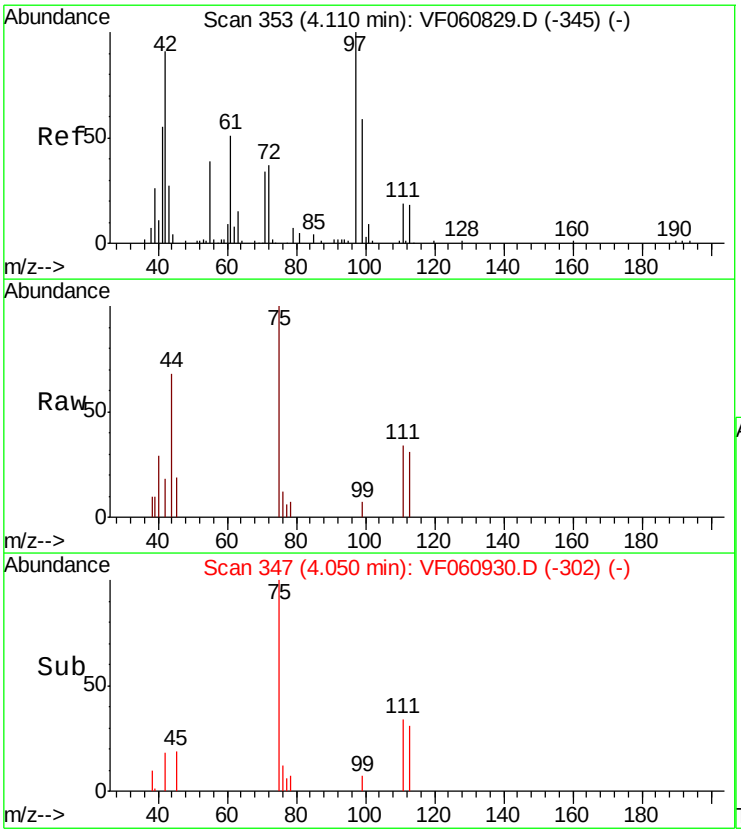
#25
2-Butanone
Concen: 1.810 ug/l
RT: 4.37 min Scan# 379
Delta R.T. -0.00 min
Lab File: VF060930.D
Acq: 6 Dec 2018 21:27

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 43 Resp: 1001

Ion	Ratio	Lower	Upper
43	100		
72	40.6	15.4	23.2#

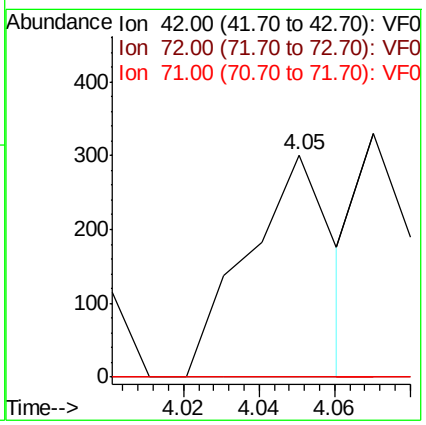


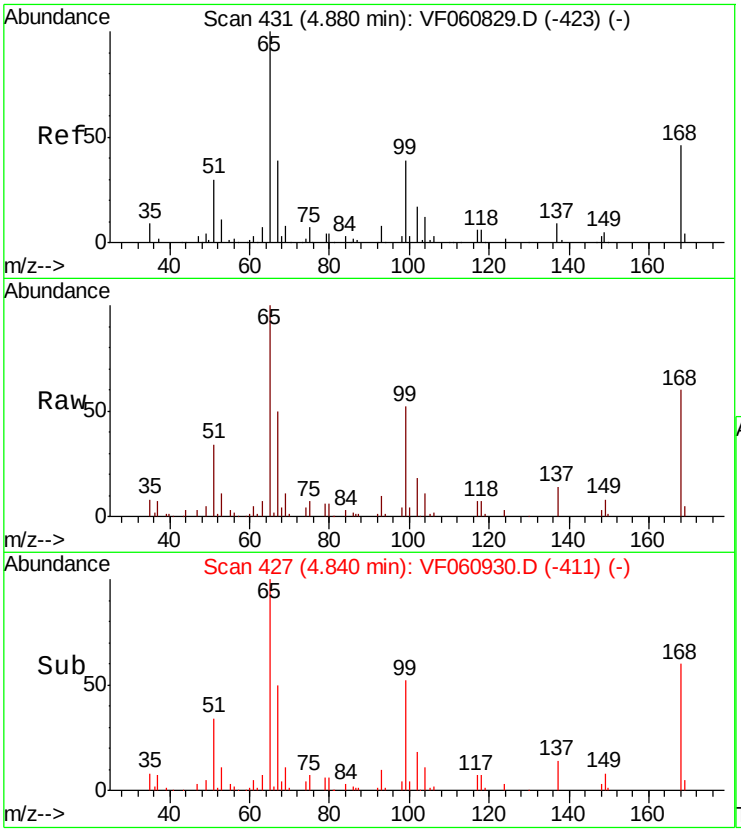


#29
Tetrahydrofuran
Concen: 2.013 ug/l
RT: 4.05 min Scan# 347
Delta R.T. -0.06 min
Lab File: VF060930.D
Acq: 6 Dec 2018 21:27

Tgt Ion: 42 Resp: 472

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



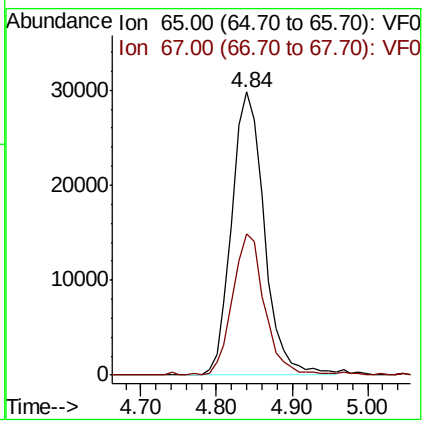


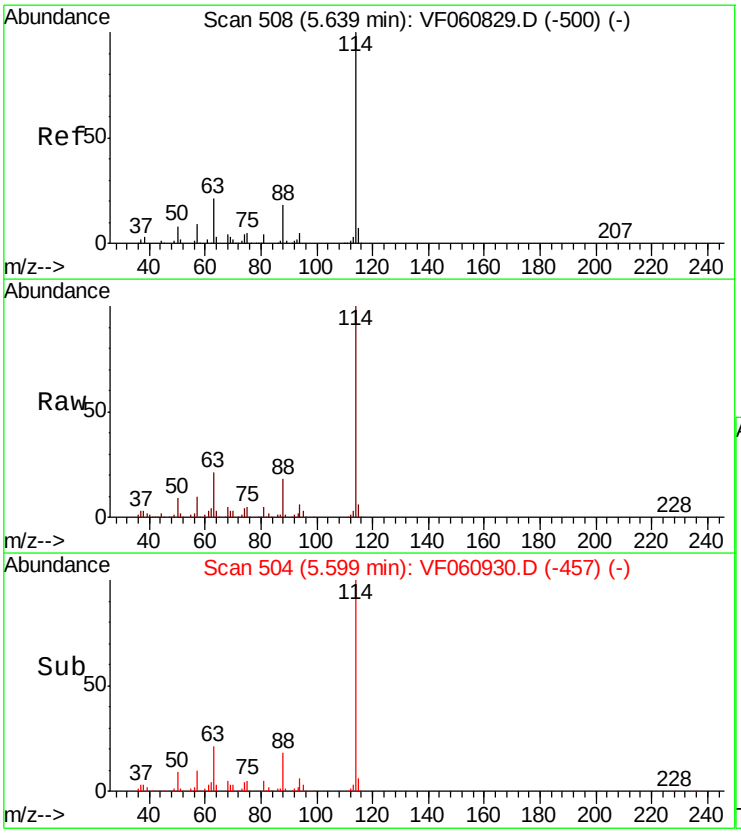
#33
1,2-Dichloroethane-d4
Concen: 51.276 ug/l
RT: 4.84 min Scan# 427
Delta R.T. -0.04 min
Lab File: VF060930.D
Acq: 6 Dec 2018 21:27

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 65 Resp: 88930

Ion	Ratio	Lower	Upper
65	100		
67	50.1	0.0	96.4

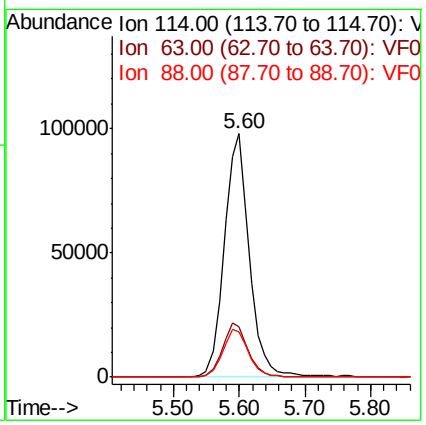


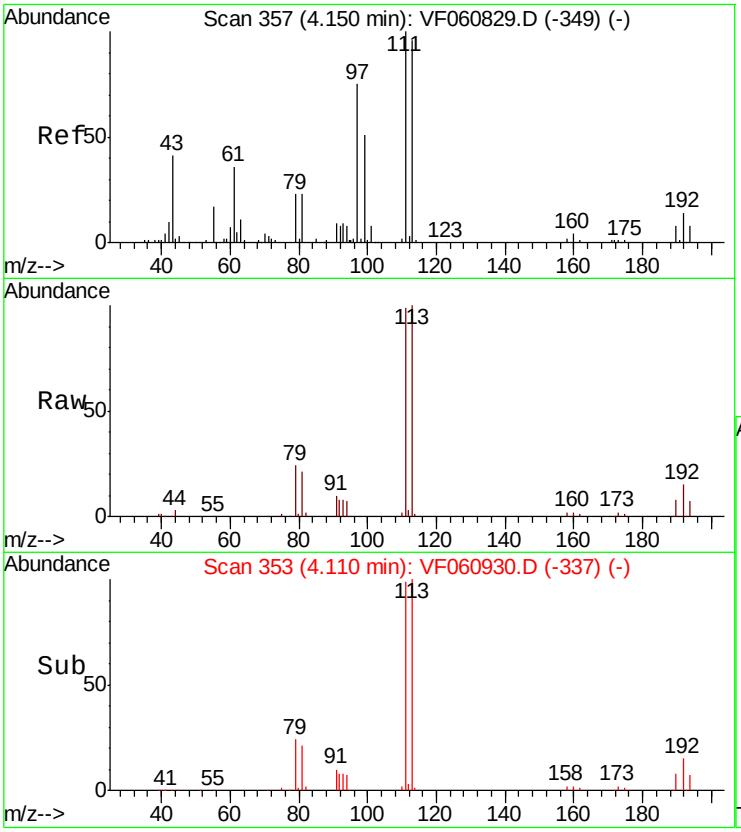


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.60 min Scan# 504
Delta R.T. -0.04 min
Lab File: VF060930.D
Acq: 6 Dec 2018 21:27

Tgt Ion:114 Resp: 260444

Ion	Ratio	Lower	Upper
114	100		
63	20.9	0.0	41.6
88	18.3	0.0	36.6



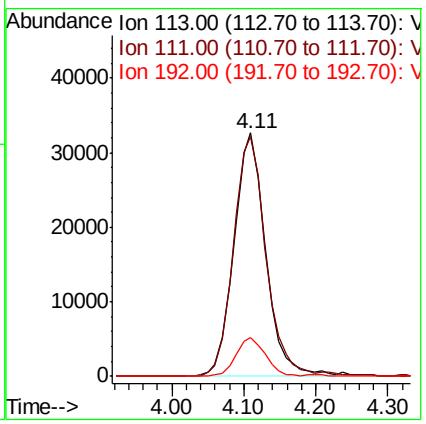


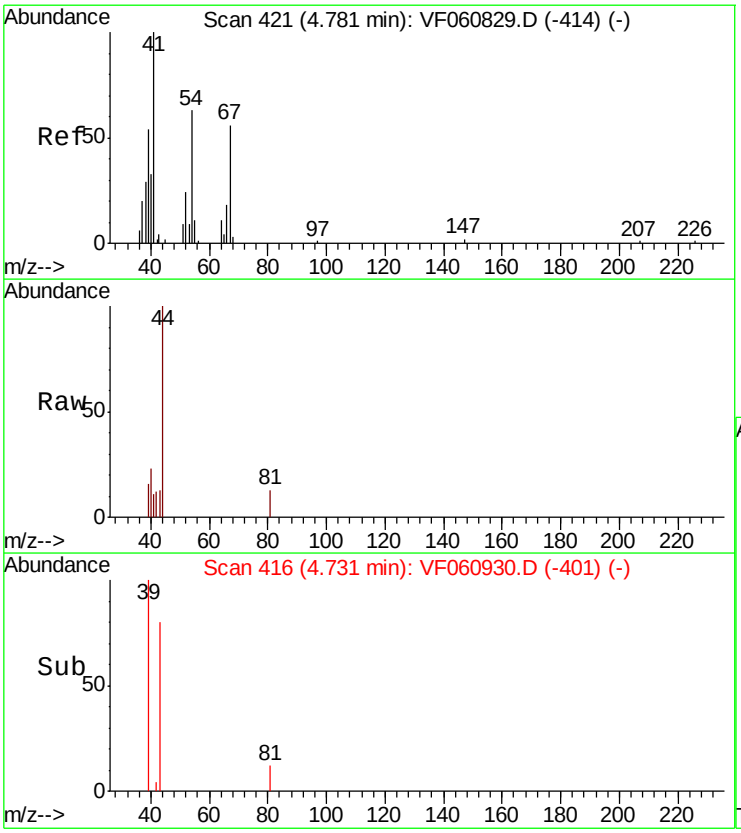
#35
Dibromofluoromethane
Concen: 48.817 ug/l
RT: 4.11 min Scan# 353
Delta R.T. -0.04 min
Lab File: VF060930.D
Acq: 6 Dec 2018 21:27

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion:113 Resp: 100865

Ion	Ratio	Lower	Upper
113	100		
111	98.7	83.0	124.6
192	16.0	12.3	18.5

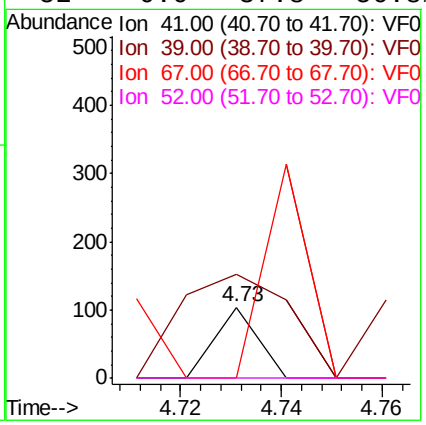


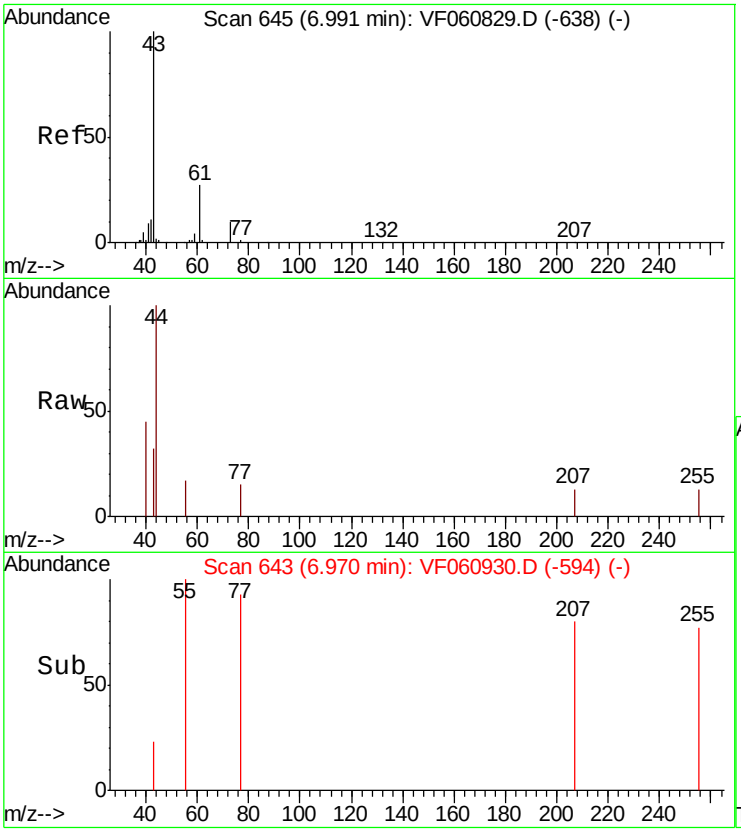


#41
Methacrylonitrile
Concen: Below Cal
RT: 4.73 min Scan# 416
Delta R.T. -0.05 min
Lab File: VF060930.D
Acq: 6 Dec 2018 21:27

Tgt Ion: 41 Resp: 62

Ion	Ratio	Lower	Upper
41	100		
39	146.2	53.0	79.6#
67	0.0	43.8	65.6#
52	0.0	37.8	56.8#



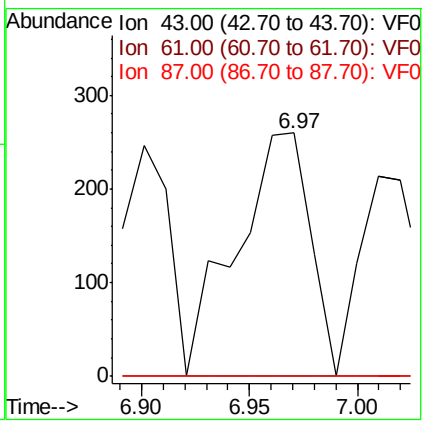


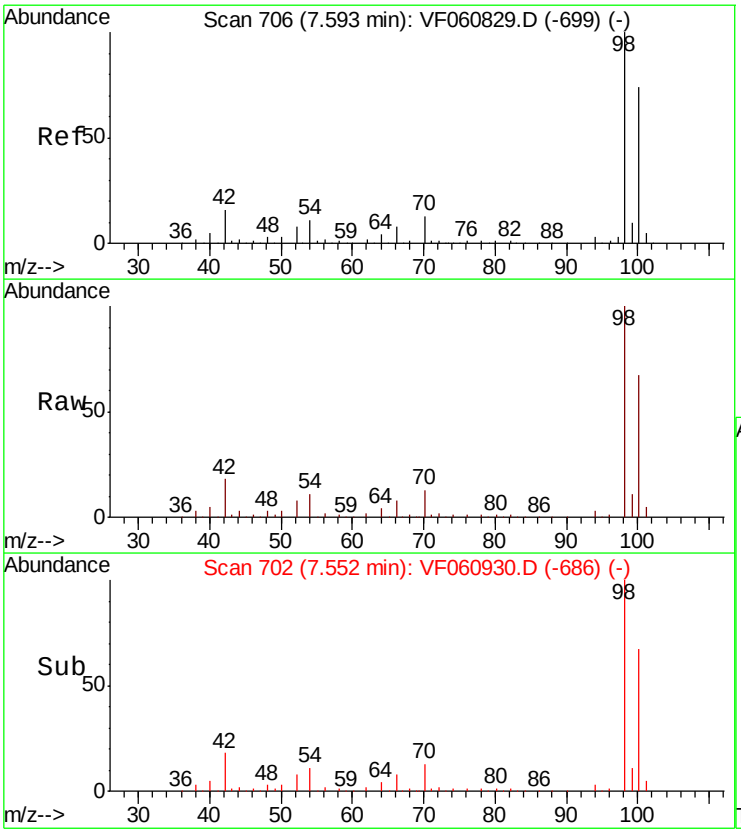
#43
Isopropyl Acetate
Concen: Below Cal
RT: 6.97 min Scan# 643
Delta R.T. -0.02 min
Lab File: VF060930.D
Acq: 6 Dec 2018 21:27

Instrument : MSVOA_F
ClientSampleId :

Tgt Ion: 43 Resp: 616

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

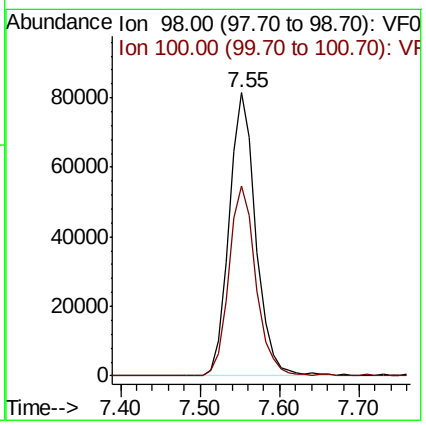


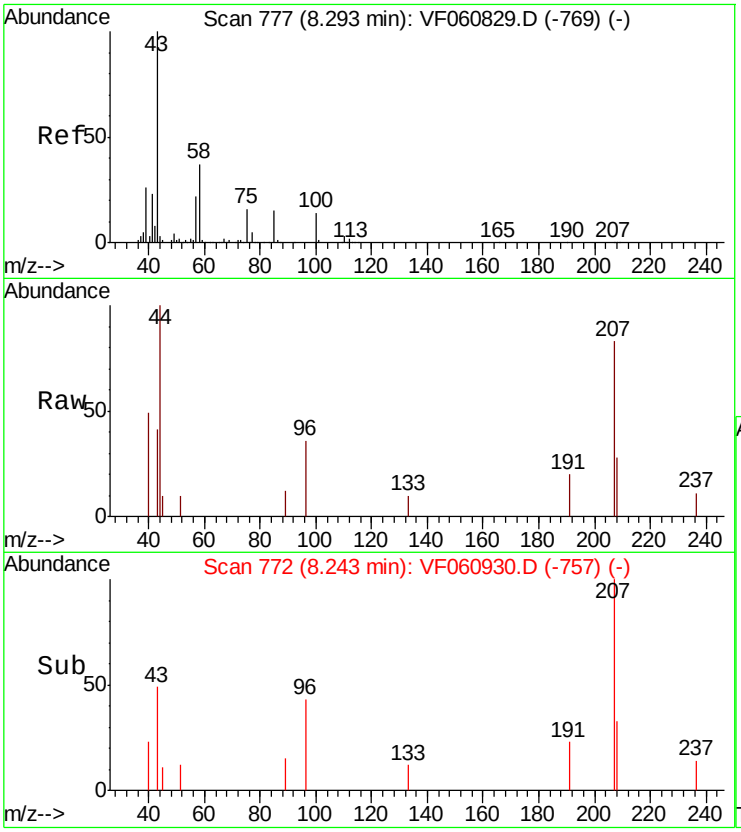


#50
Toluene-d8
Concen: 31.495 ug/l
RT: 7.55 min Scan# 702
Delta R.T. -0.04 min
Lab File: VF060930.D
Acq: 6 Dec 2018 21:27

Tgt Ion: 98 Resp: 191689

Ion	Ratio	Lower	Upper
98	100		
100	67.1	59.3	88.9



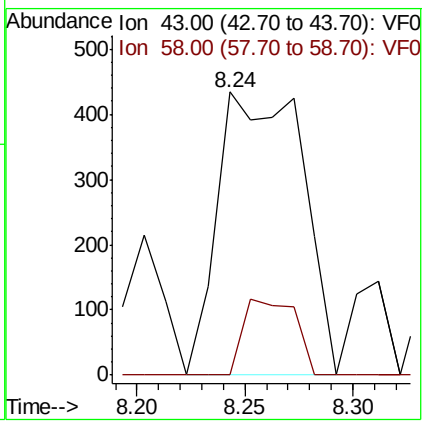


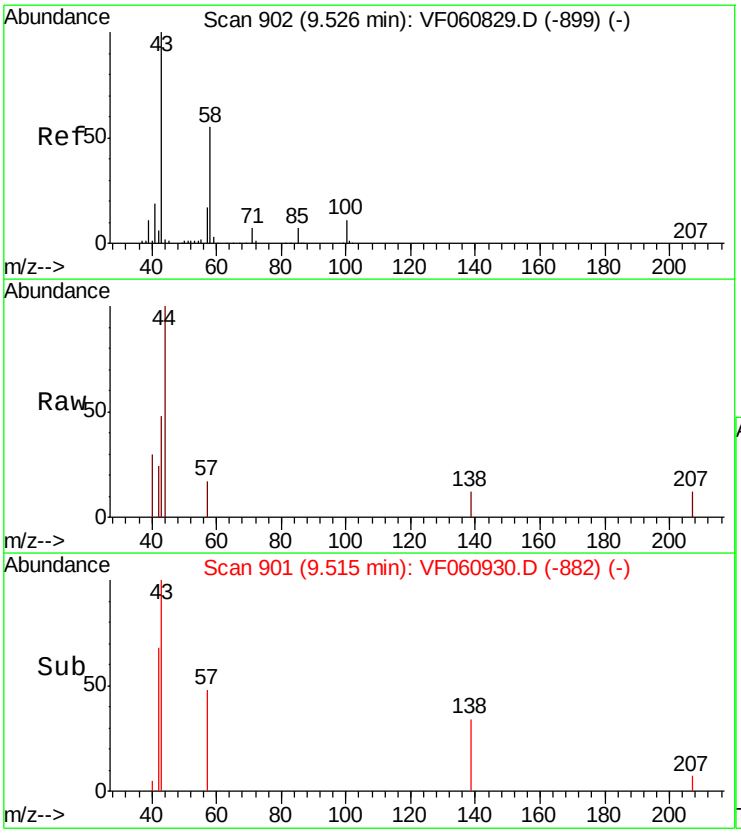
#51
4-Methyl-2-Pentanone
Concen: 1.090 ug/l
RT: 8.24 min Scan# 772
Delta R.T. -0.05 min
Lab File: VF060930.D
Acq: 6 Dec 2018 21:27

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 43 Resp: 1180

Ion	Ratio	Lower	Upper
43	100		
58	0.0	29.7	44.5#

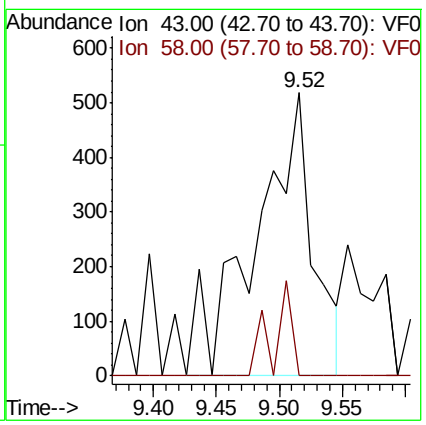


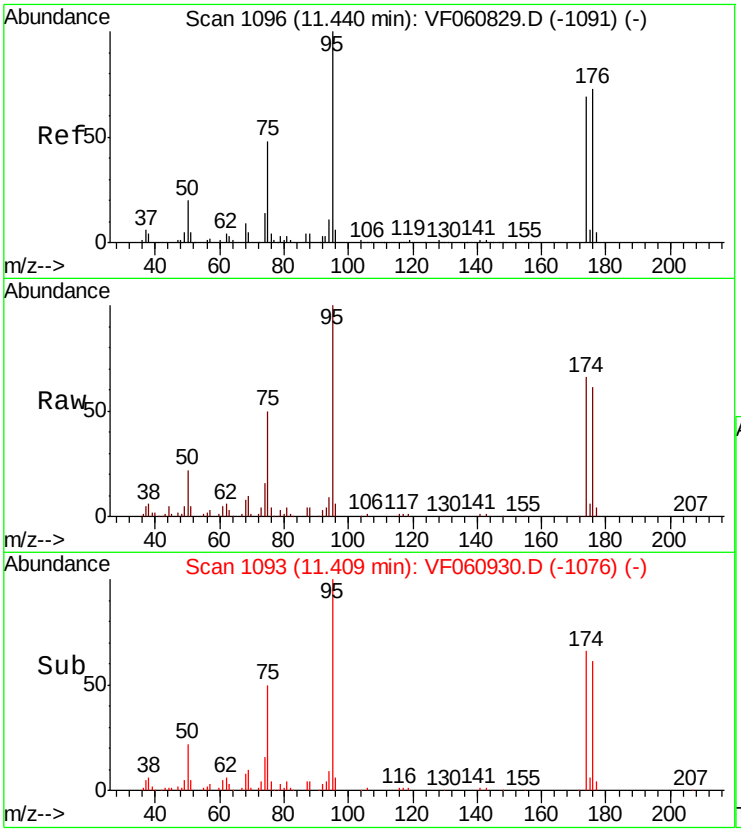


#59
2-Hexanone
Concen: 2.182 ug/l
RT: 9.52 min Scan# 901
Delta R.T. -0.01 min
Lab File: VF060930.D
Acq: 6 Dec 2018 21:27

Tgt Ion: 43 Resp: 1657

Ion	Ratio	Lower	Upper
43	100		
58	0.0	25.6	76.6#



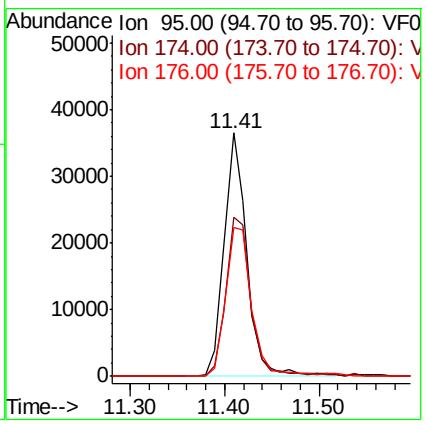


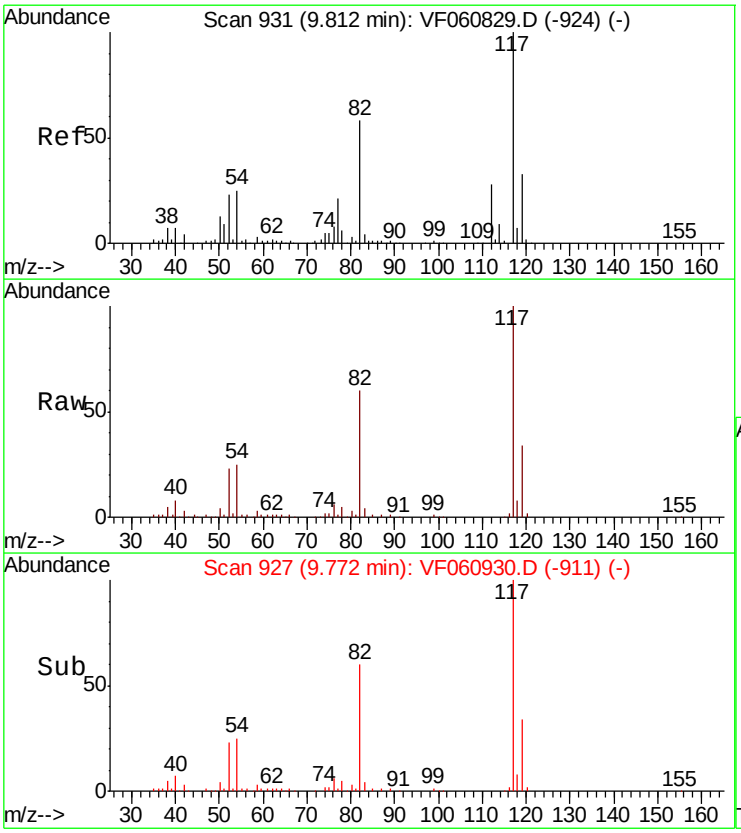
#62
4-Bromofluorobenzene
Concen: 22.054 ug/l
RT: 11.41 min Scan# 1093
Delta R.T. -0.03 min
Lab File: VF060930.D
Acq: 6 Dec 2018 21:27

Instrument : MSVOA_F
ClientSampleId :

Tgt Ion: 95 Resp: 61005

Ion	Ratio	Lower	Upper
95	100		
174	65.5	0.0	138.2
176	61.2	0.0	146.2

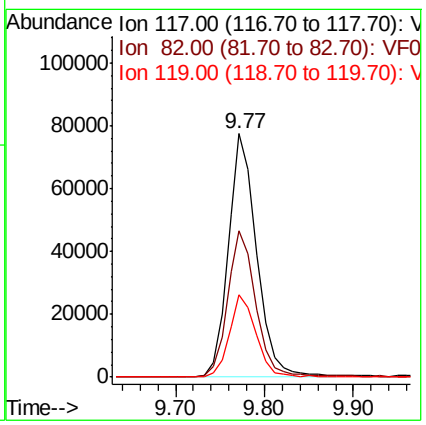


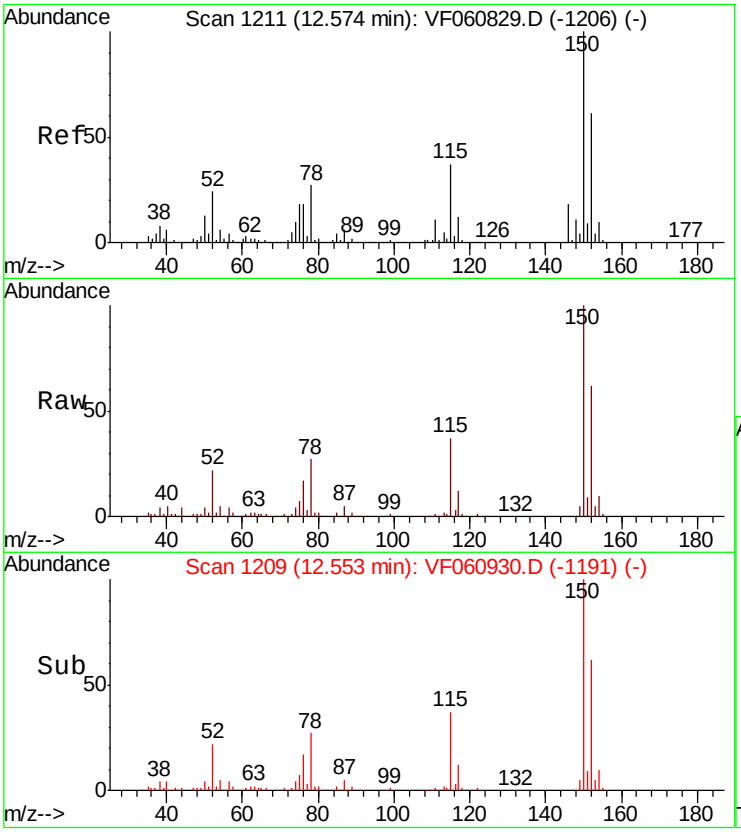


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.77 min Scan# 927
Delta R.T. -0.04 min
Lab File: VF060930.D
Acq: 6 Dec 2018 21:27

Tgt Ion:117 Resp: 172849

Ion	Ratio	Lower	Upper
117	100		
82	59.9	46.6	69.8
119	34.0	26.4	39.6



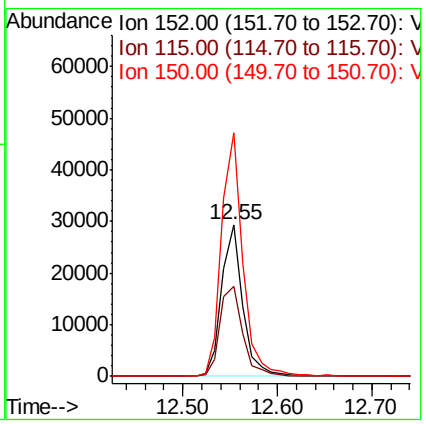


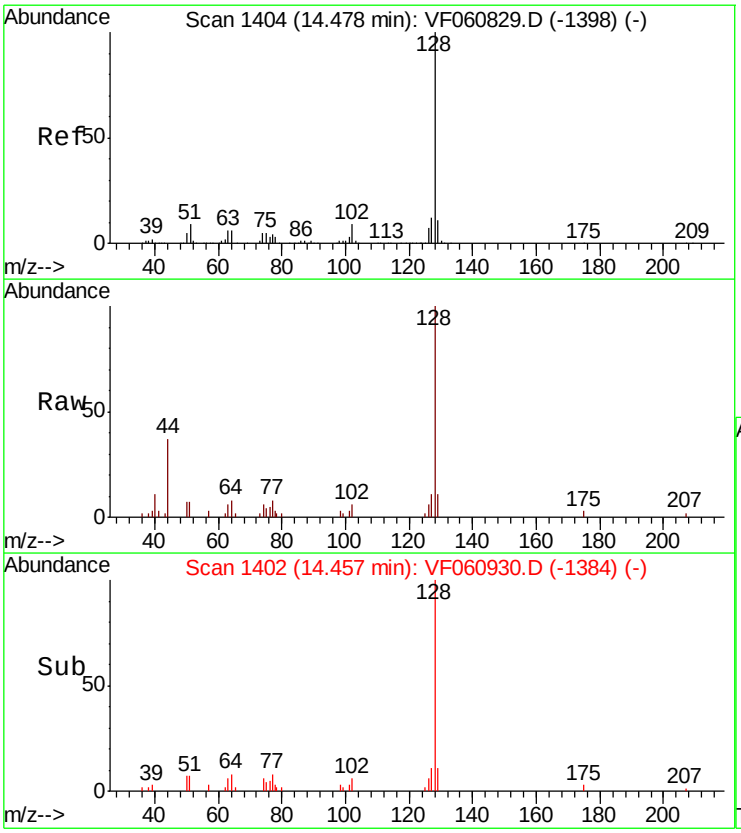
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.55 min Scan# 1209
Delta R.T. -0.02 min
Lab File: VF060930.D
Acq: 6 Dec 2018 21:27

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion:152 Resp: 45882

Ion	Ratio	Lower	Upper
152	100		
115	59.0	30.1	90.5
150	160.6	0.0	327.6





#95
Naphthalene
Concen: 1.530 ug/l
RT: 14.46 min Scan# 1402
Delta R.T. -0.02 min
Lab File: VF060930.D
Acq: 6 Dec 2018 21:27

Tgt Ion:128 Resp: 9557

Ion	Ratio	Lower	Upper
128	100		
127	10.7	9.9	14.9
129	10.6	9.1	13.7