Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF111918\
Data File : VF060796.D
Acq On : 20 Nov 2018 00:48
Operator : VA/AP
Sample : J5952-01
Misc : 3.88g/5mL/MSVOA-F/SOIL
ALS Vial : 20 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId : VTW-01(7-10)

Quant Time: Nov 20 02:22:40 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F111318S.M
Quant Title : SW846 8260
QLast Update : Wed Nov 14 03:11:14 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.89	168	175828	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.61	114	287046	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.79	117	208737	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.56	152	77705	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.86	65	92465	46.11	ug/l	0.00
Spiked Amount 50.000			Recovery = 92.22%			
35) Dibromofluoromethane	4.13	113	113526	52.61	ug/l	0.00
Spiked Amount 50.000			Recovery = 105.22%			
50) Toluene-d8	7.57	98	262975	47.30	ug/l	0.00
Spiked Amount 50.000			Recovery = 94.60%			
62) 4-Bromofluorobenzene	11.42	95	90616	34.21	ug/l	0.00
Spiked Amount 50.000			Recovery = 68.42%			
Target Compounds						Qvalue
11) Tert butyl alcohol	2.57	59	449	4.919	ug/l #	1
13) Acrolein	2.00	56	801	9.598	ug/l #	67
15) Acrylonitrile	2.97	53	979	5.034	ug/l #	34
16) Acetone	2.25	43	22774	53.128	ug/l #	91
18) Methyl Acetate	2.39	43	1809	2.570	ug/l #	64
25) 2-Butanone	4.35	43	9128	12.946	ug/l #	79
29) Tetrahydrofuran	4.09	42	337	1.159	ug/l #	56
41) Methacrylonitrile	4.75	41	388	Below Cal	#	21
51) 4-Methyl-2-Pentanone	8.28	43	1952	1.645	ug/l #	66

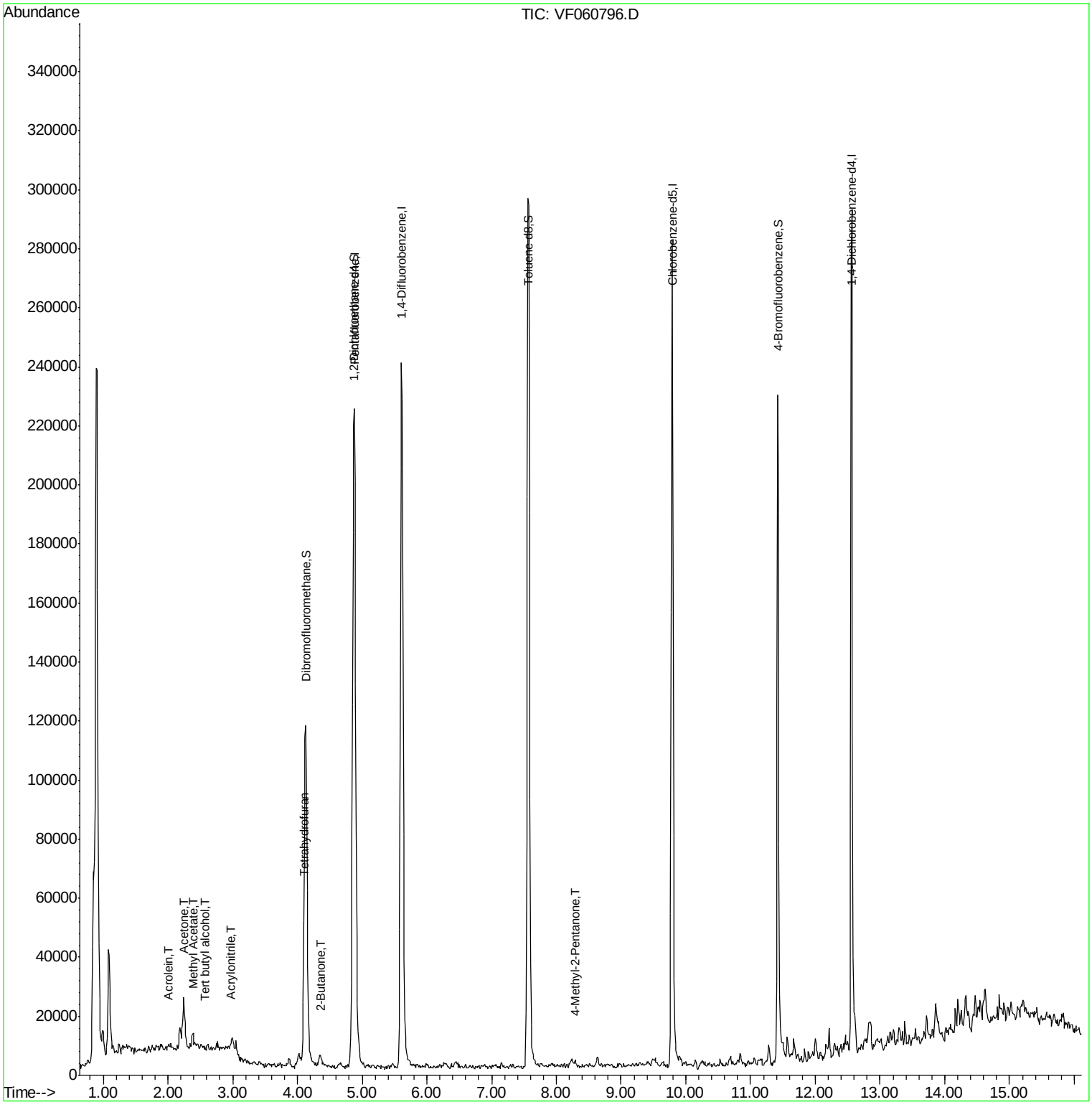
(#) = qualifier out of range (m) = manual integration (+) = signals summed

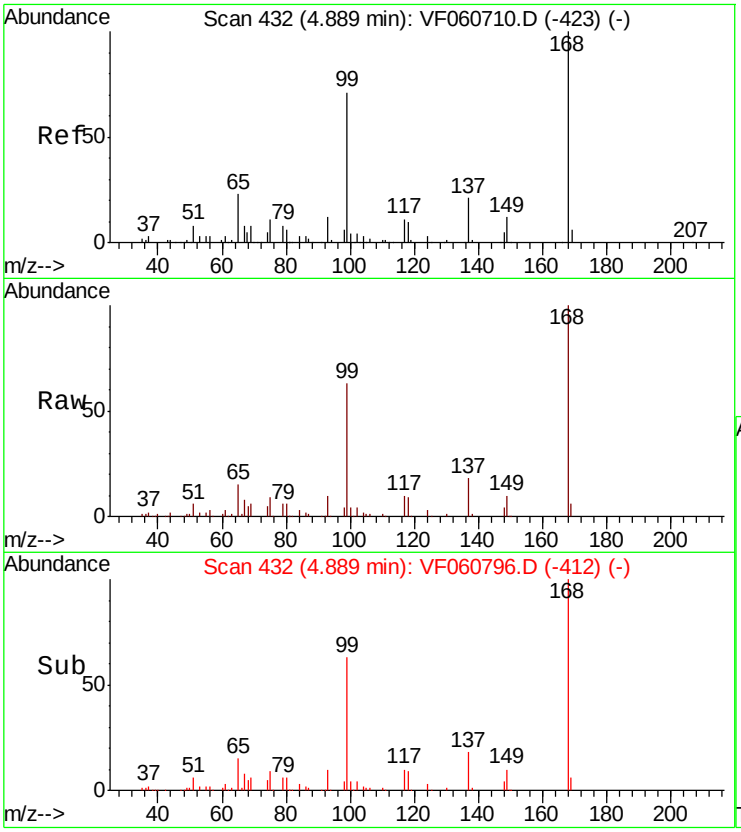
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF111918\
Data File : VF060796.D
Acq On : 20 Nov 2018 00:48
Operator : VA/AP
Sample : J5952-01
Misc : 3.88g/5mL/MSVOA-F/SOIL
ALS Vial : 20 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId : VTW-01(7-10)

Quant Time: Nov 20 02:22:40 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F111318S.M
Quant Title : SW846 8260
QLast Update : Wed Nov 14 03:11:14 2018
Response via : Initial Calibration



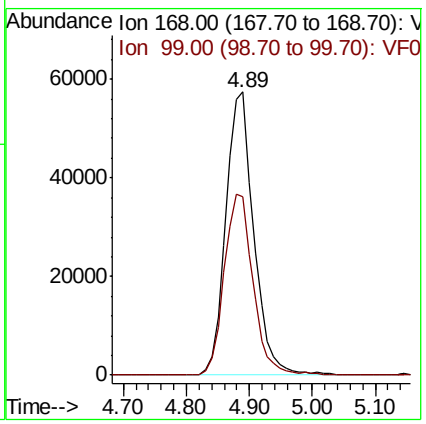


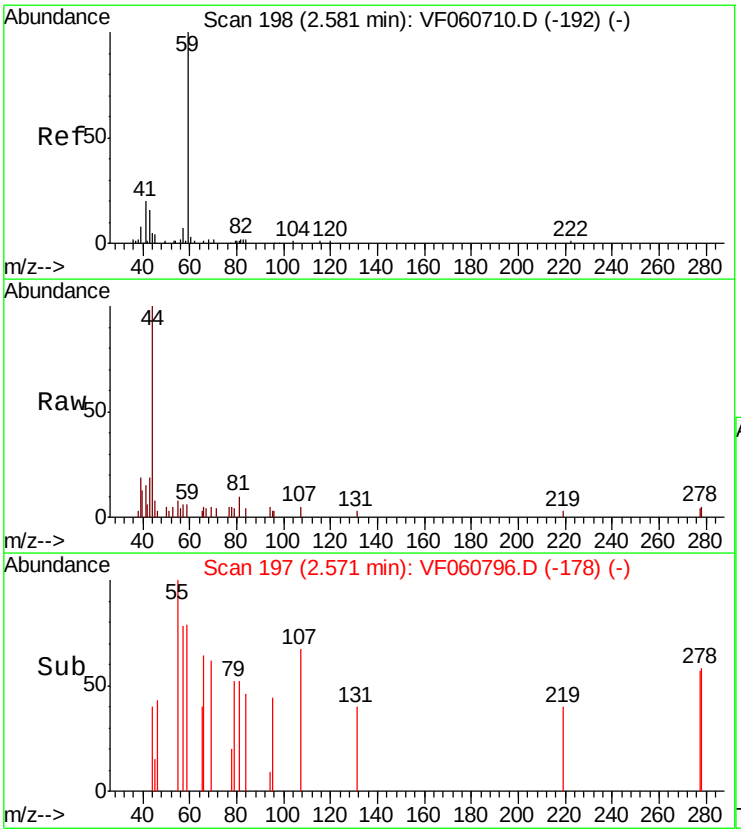
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 4.89 min Scan# 432
Delta R.T. 0.00 min
Lab File: VF060796.D
Acq: 20 Nov 2018 00:48

Instrument :
MSVOA_F
ClientSampleId :
VTW-01(7-10)

Tgt Ion:168 Resp: 175828

Ion	Ratio	Lower	Upper
168	100		
99	62.8	57.2	85.8

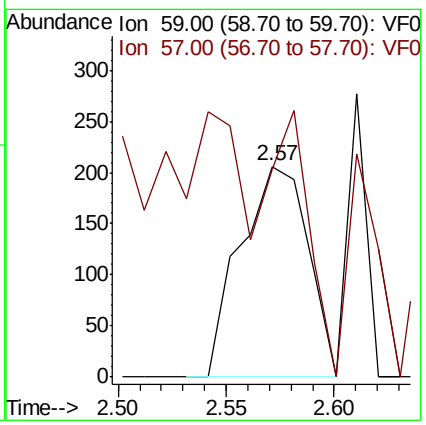


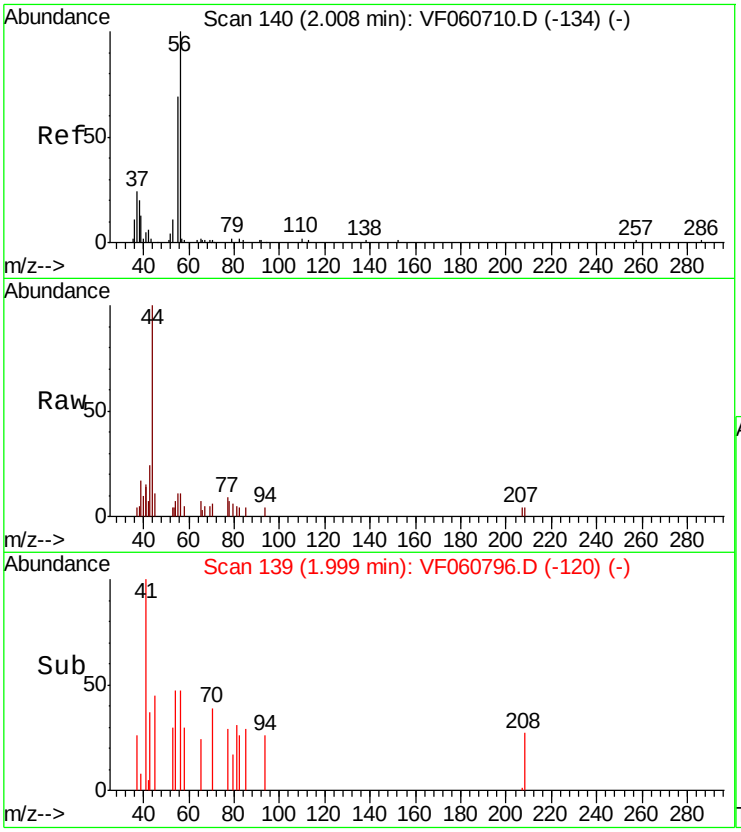


#11
Tert butyl alcohol
Concen: 4.919 ug/l
RT: 2.57 min Scan# 197
Delta R.T. -0.01 min
Lab File: VF060796.D
Acq: 20 Nov 2018 00:48

Tgt Ion: 59 Resp: 449

Ion	Ratio	Lower	Upper
59	100		
57	98.5	10.5	15.7#



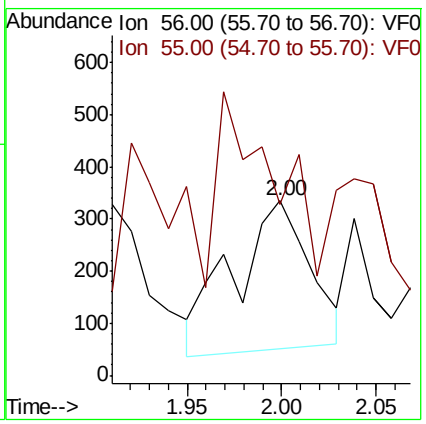


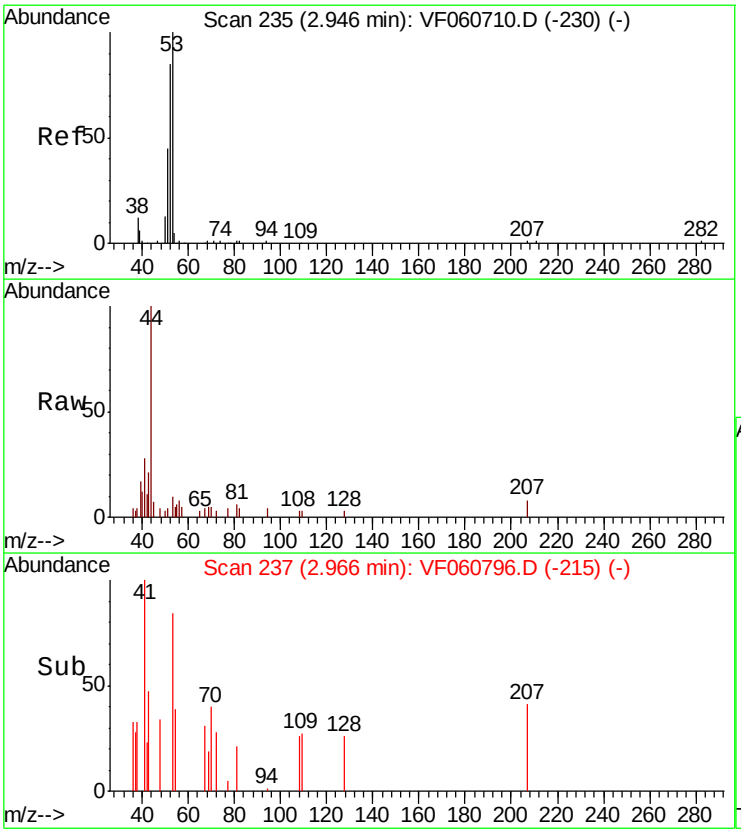
#13
Acrolein
Concen: 9.598 ug/l
RT: 2.00 min Scan# 139
Delta R.T. -0.01 min
Lab File: VF060796.D
Acq: 20 Nov 2018 00:48

Instrument : MSVOA_F
ClientSampleId : VTW-01(7-10)

Tgt Ion: 56 Resp: 801

Ion	Ratio	Lower	Upper
56	100		
55	97.9	56.6	85.0#

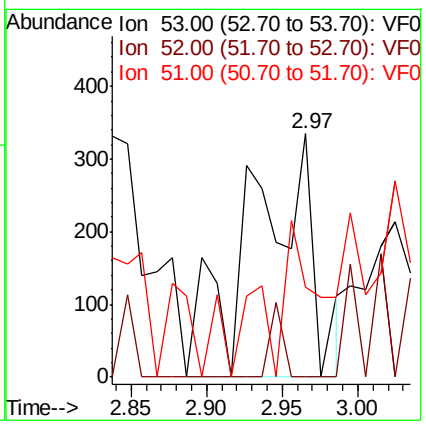


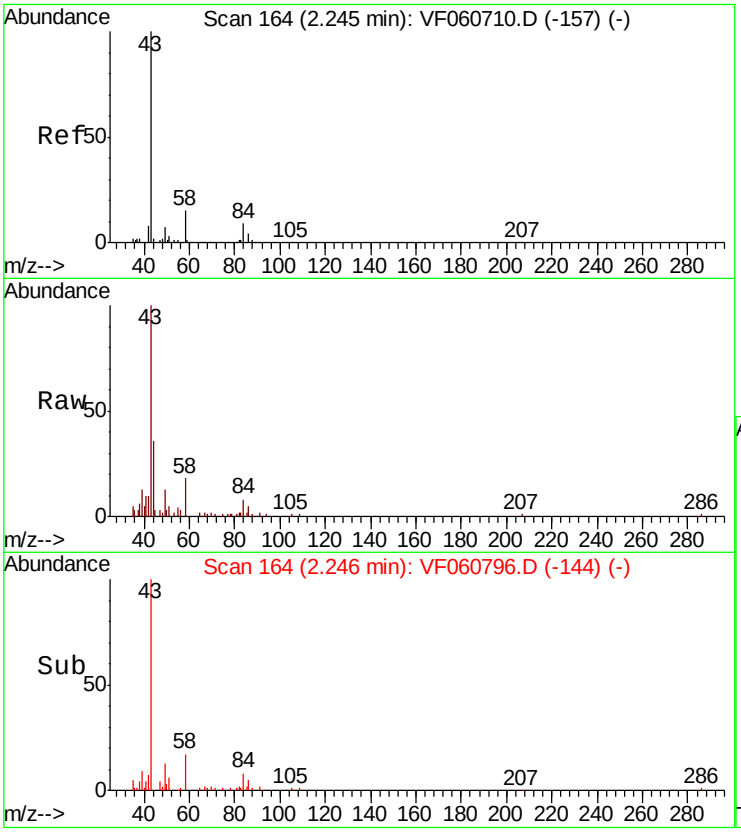


#15
Acrylonitrile
Concen: 5.034 ug/l
RT: 2.97 min Scan# 237
Delta R.T. 0.02 min
Lab File: VF060796.D
Acq: 20 Nov 2018 00:48

Tgt Ion: 53 Resp: 979

Ion	Ratio	Lower	Upper
53	100		
52	0.0	68.8	103.2#
51	37.0	36.7	55.1



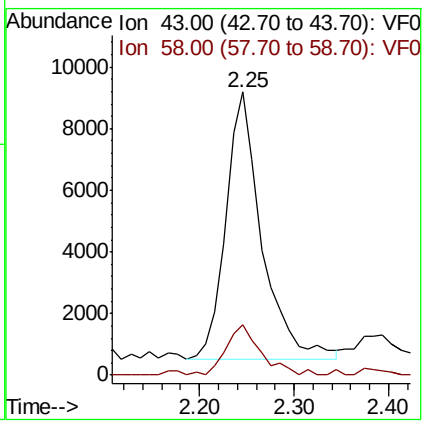


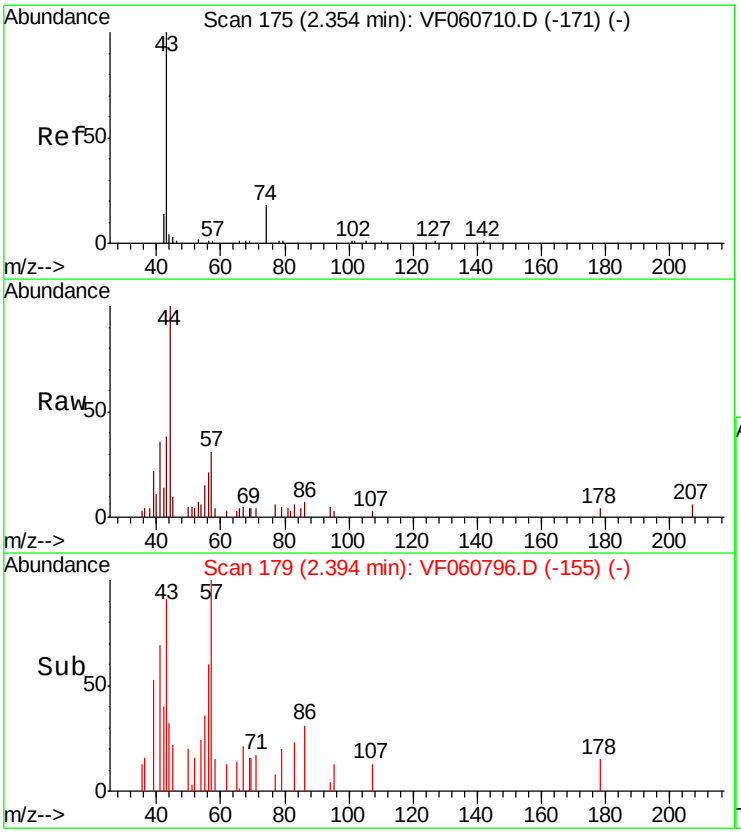
#16
Acetone
Concen: 53.128 ug/l
RT: 2.25 min Scan# 164
Delta R.T. 0.00 min
Lab File: VF060796.D
Acq: 20 Nov 2018 00:48

Instrument :
MSVOA_F
ClientSampleId :
VTW-01(7-10)

Tgt Ion: 43 Resp: 22774

Ion	Ratio	Lower	Upper
43	100		
58	18.0	11.6	17.4#

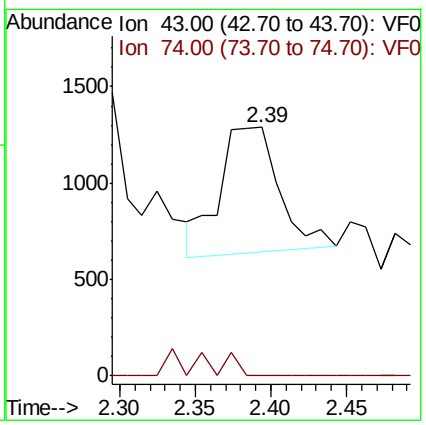


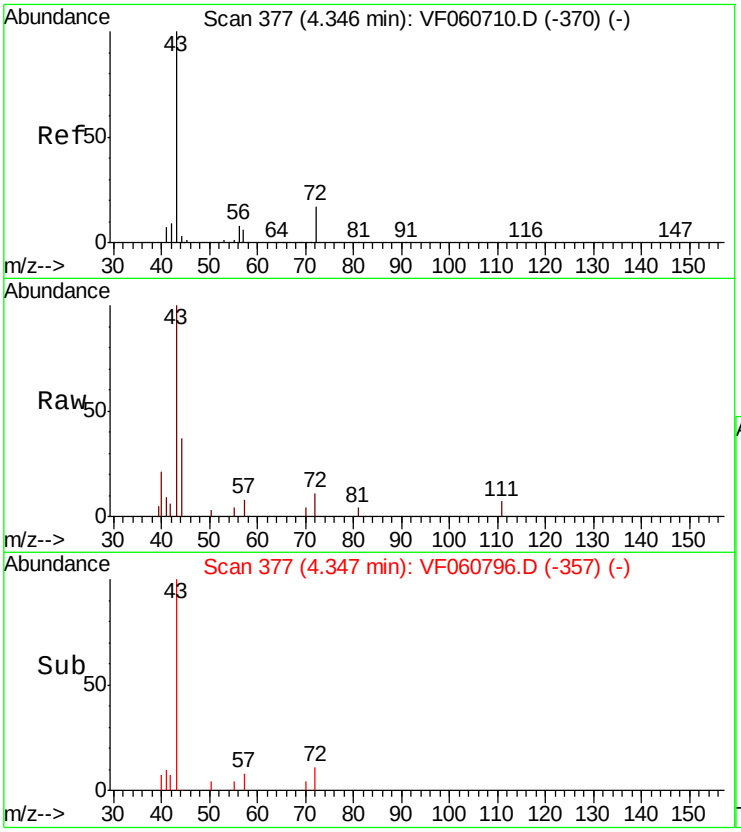


#18
Methyl Acetate
Concen: 2.570 ug/l
RT: 2.39 min Scan# 179
Delta R.T. 0.04 min
Lab File: VF060796.D
Acq: 20 Nov 2018 00:48

Tgt Ion: 43 Resp: 1809

Ion	Ratio	Lower	Upper
43	100		
74	0.0	11.8	17.8#



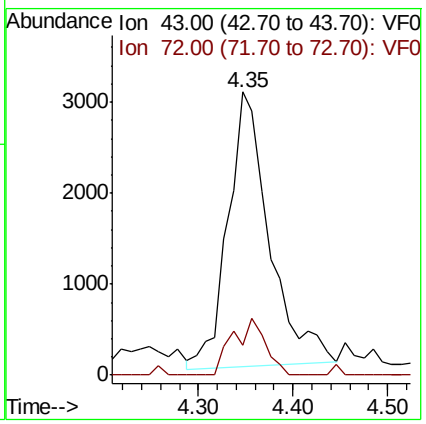


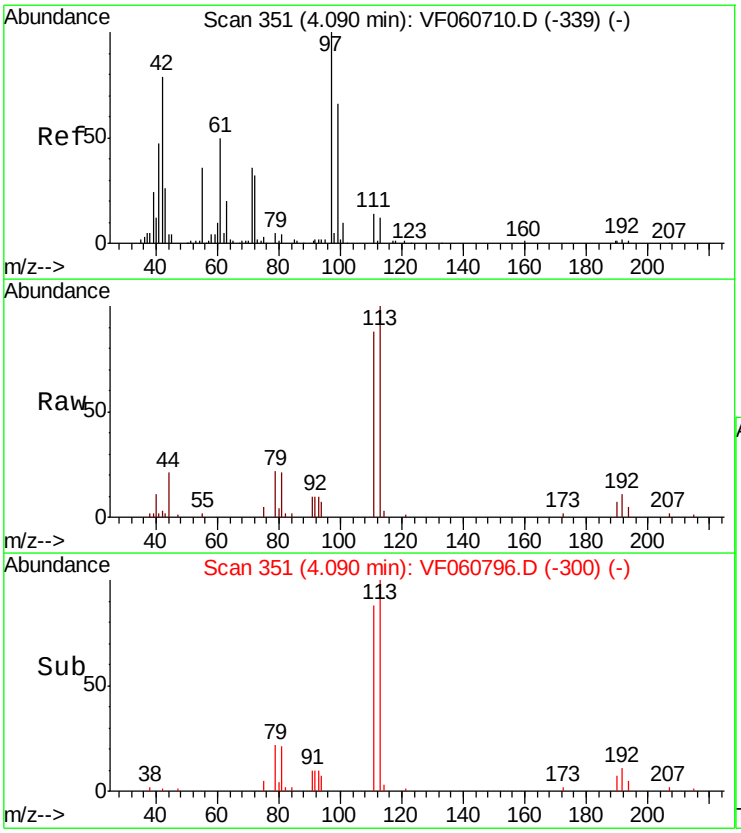
#25
2-Butanone
Concen: 12.946 ug/l
RT: 4.35 min Scan# 377
Delta R.T. 0.00 min
Lab File: VF060796.D
Acq: 20 Nov 2018 00:48

Instrument : MSVOA_F
ClientSampleId : VTW-01(7-10)

Tgt Ion: 43 Resp: 9128

Ion	Ratio	Lower	Upper
43	100		
72	10.6	16.1	24.1#

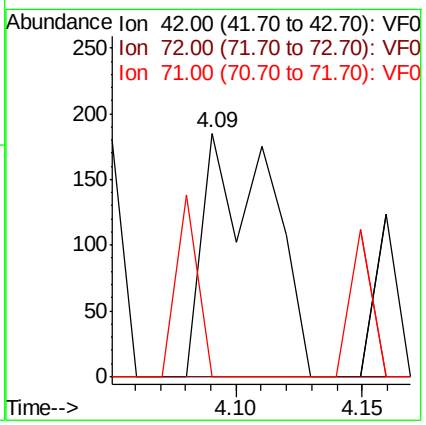


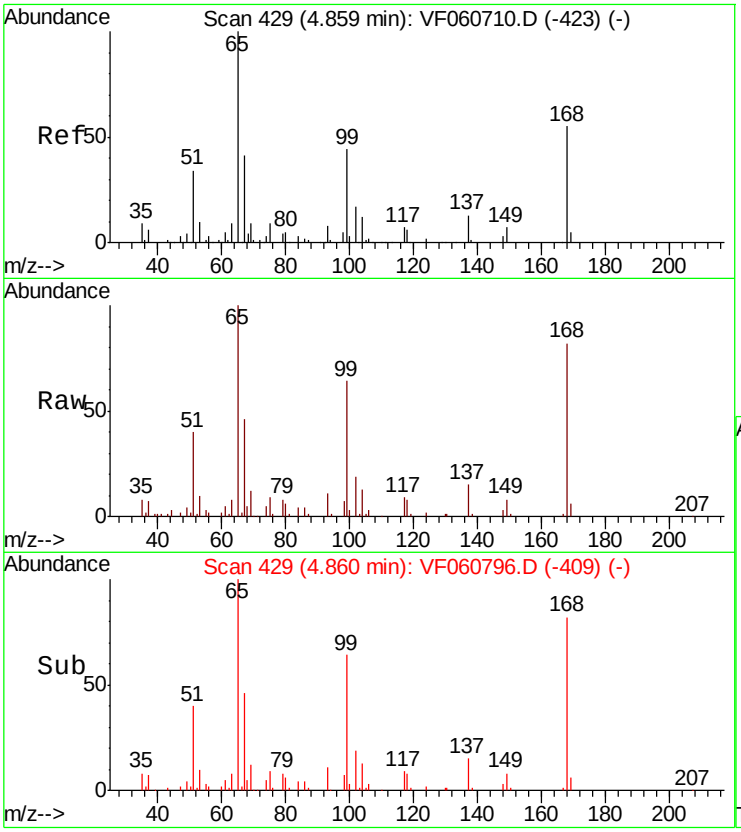


#29
Tetrahydrofuran
Concen: 1.159 ug/l
RT: 4.09 min Scan# 351
Delta R.T. 0.00 min
Lab File: VF060796.D
Acq: 20 Nov 2018 00:48

Tgt Ion: 42 Resp: 337

Ion	Ratio	Lower	Upper
42	100		
72	0.0	30.3	45.5#
71	24.3	32.2	48.2#



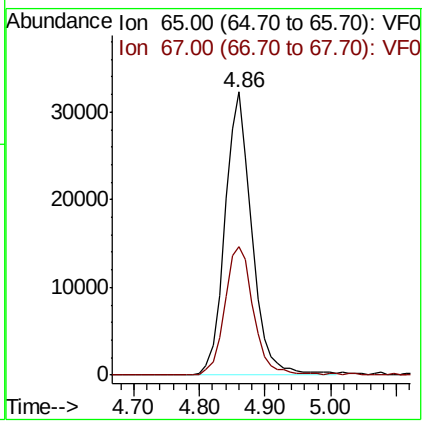


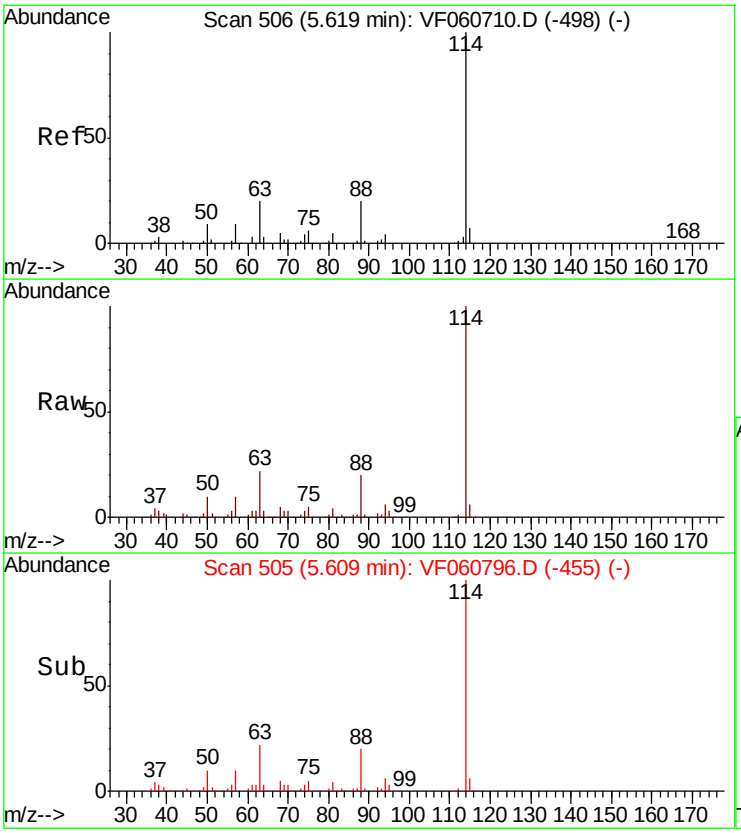
#33
1,2-Dichloroethane-d4
Concen: 46.105 ug/l
RT: 4.86 min Scan# 429
Delta R.T. 0.00 min
Lab File: VF060796.D
Acq: 20 Nov 2018 00:48

Instrument : MSVOA_F
ClientSampleId : VTW-01(7-10)

Tgt Ion: 65 Resp: 92465

Ion	Ratio	Lower	Upper
65	100		
67	45.5	0.0	90.2

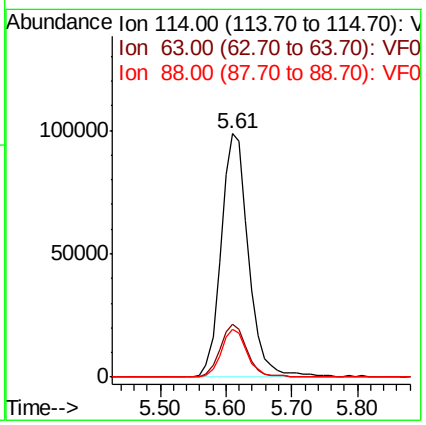


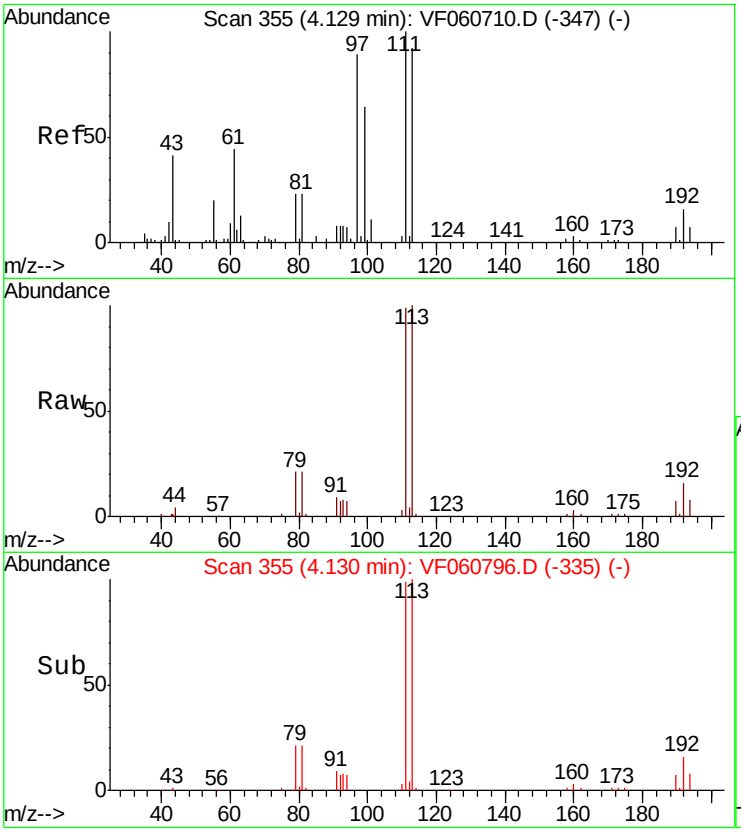


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.61 min Scan# 505
Delta R.T. -0.01 min
Lab File: VF060796.D
Acq: 20 Nov 2018 00:48

Tgt Ion:114 Resp: 287046

Ion	Ratio	Lower	Upper
114	100		
63	21.5	0.0	40.8
88	19.6	0.0	39.6



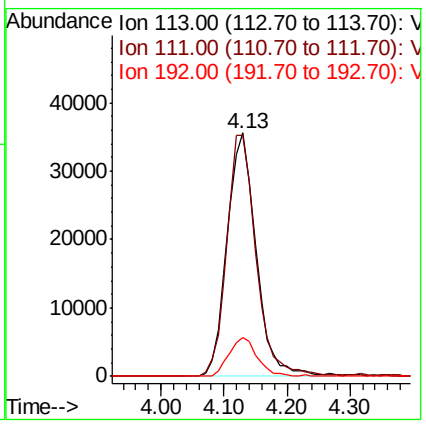


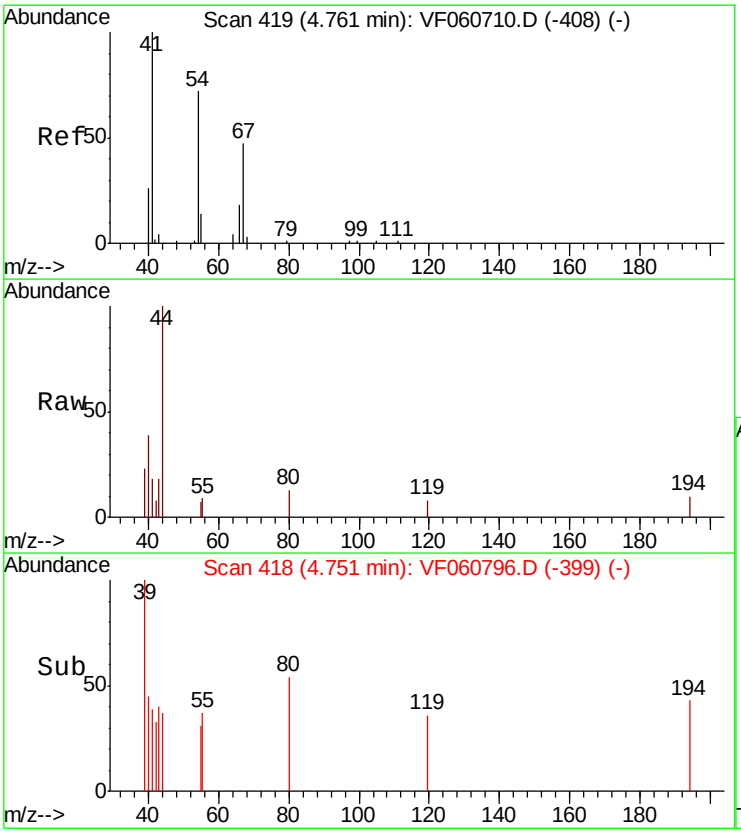
#35
Dibromofluoromethane
Concen: 52.614 ug/l
RT: 4.13 min Scan# 355
Delta R.T. 0.00 min
Lab File: VF060796.D
Acq: 20 Nov 2018 00:48

Instrument :
MSVOA_F
ClientSampleId :
VTW-01(7-10)

Tgt Ion:113 Resp: 113526

Ion	Ratio	Lower	Upper
113	100		
111	98.9	87.1	130.7
192	16.1	13.8	20.6

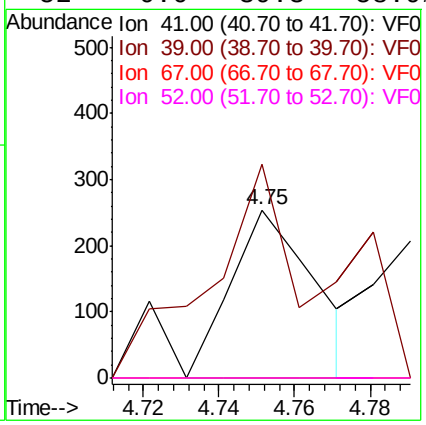


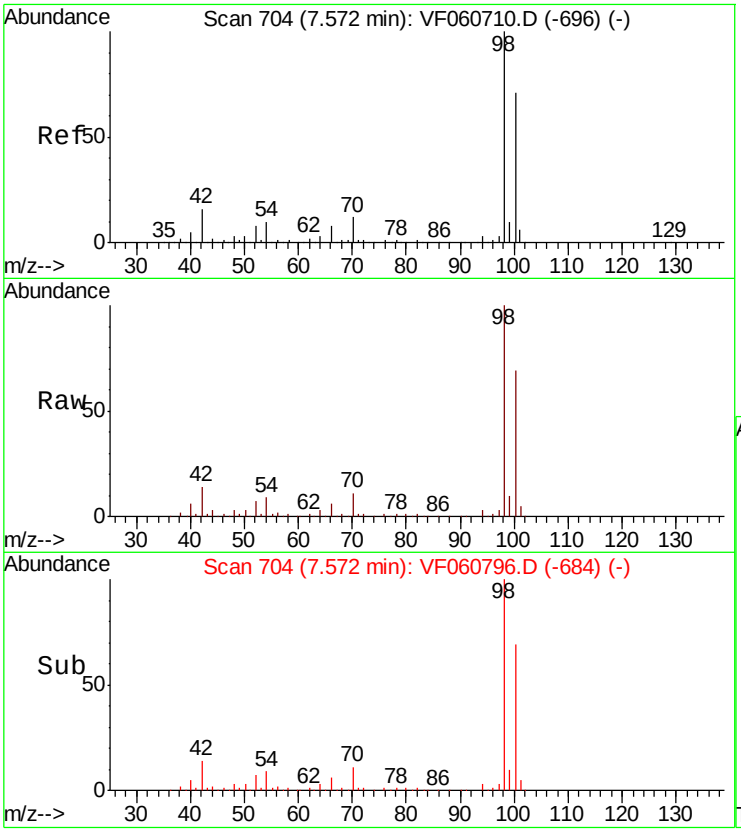


#41
Methacrylonitrile
Concen: Below Cal
RT: 4.75 min Scan# 418
Delta R.T. -0.01 min
Lab File: VF060796.D
Acq: 20 Nov 2018 00:48

Tgt Ion: 41 Resp: 388

Ion	Ratio	Lower	Upper
41	100		
39	127.2	47.1	70.7#
67	0.0	37.1	55.7#
52	0.0	39.3	58.9#



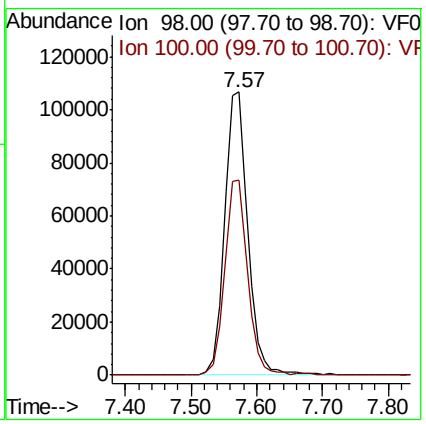


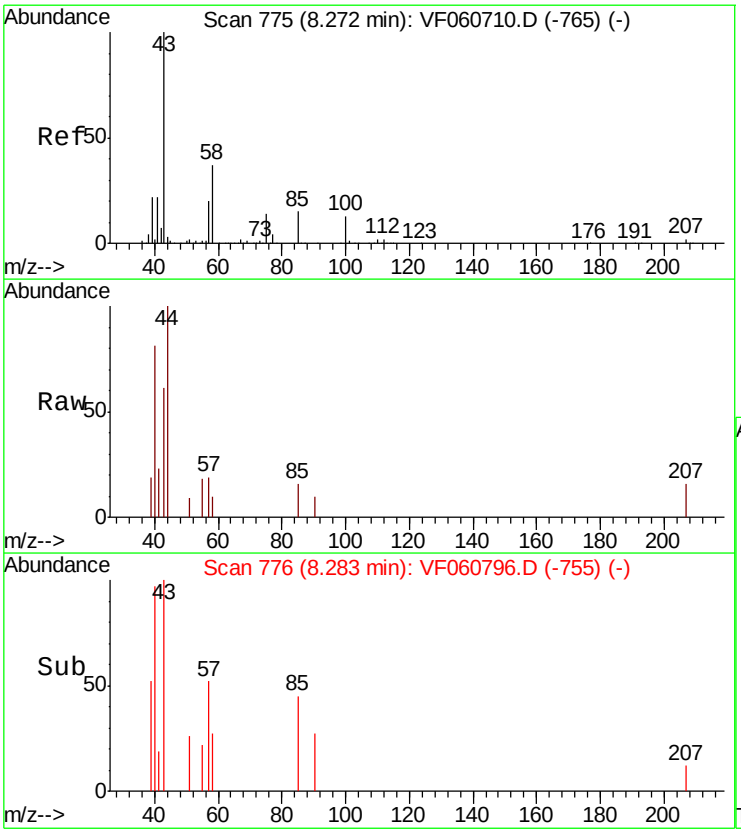
#50
Toluene-d8
Concen: 47.296 ug/l
RT: 7.57 min Scan# 704
Delta R.T. 0.00 min
Lab File: VF060796.D
Acq: 20 Nov 2018 00:48

Instrument :
MSVOA_F
ClientSampleId :
VTW-01(7-10)

Tgt Ion: 98 Resp: 262975

Ion	Ratio	Lower	Upper
98	100		
100	68.8	56.5	84.7

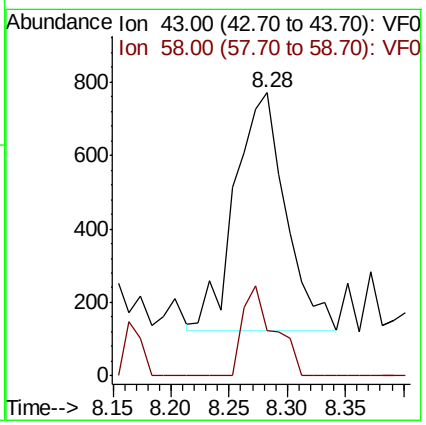


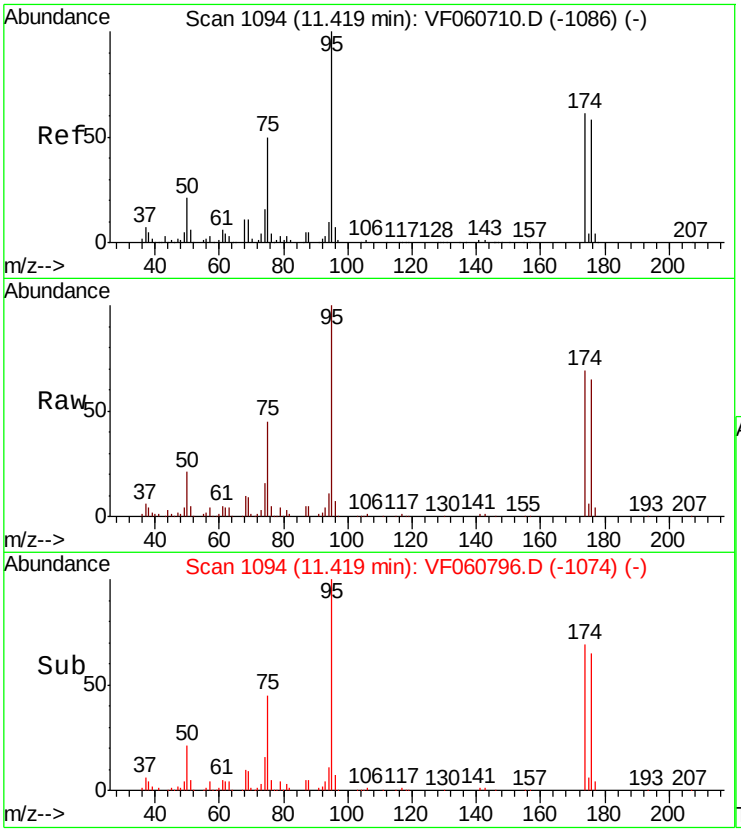


#51
4-Methyl-2-Pentanone
Concen: 1.645 ug/l
RT: 8.28 min Scan# 776
Delta R.T. 0.01 min
Lab File: VF060796.D
Acq: 20 Nov 2018 00:48

Tgt Ion: 43 Resp: 1952

Ion	Ratio	Lower	Upper
43	100		
58	16.2	29.2	43.8#



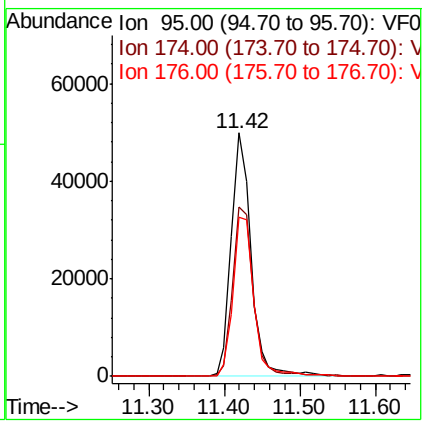


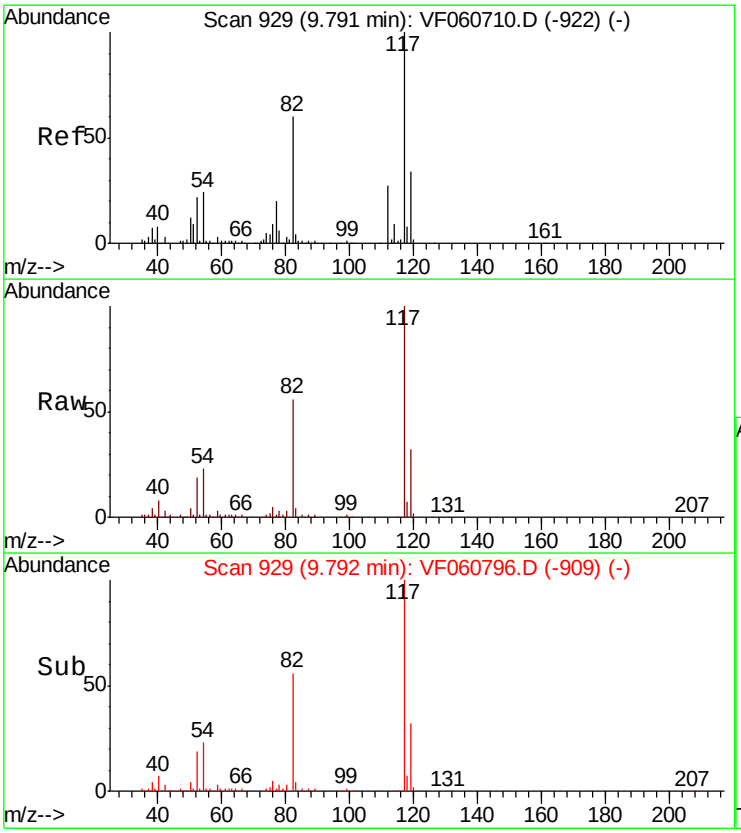
#62
4-Bromofluorobenzene
Concen: 34.211 ug/l
RT: 11.42 min Scan# 1094
Delta R.T. 0.00 min
Lab File: VF060796.D
Acq: 20 Nov 2018 00:48

Instrument :
MSVOA_F
ClientSampleId :
VTW-01(7-10)

Tgt Ion: 95 Resp: 90616

Ion	Ratio	Lower	Upper
95	100		
174	69.3	0.0	121.6
176	65.2	0.0	115.2

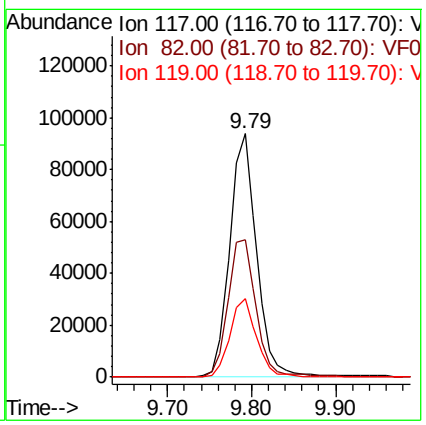


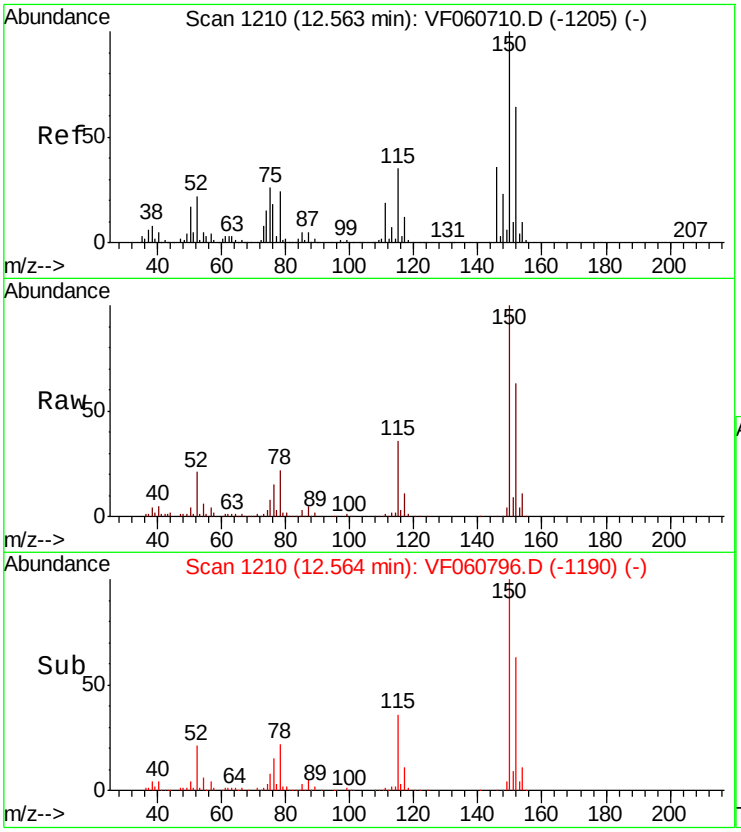


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.79 min Scan# 929
Delta R.T. 0.00 min
Lab File: VF060796.D
Acq: 20 Nov 2018 00:48

Tgt Ion:117 Resp: 208737

Ion	Ratio	Lower	Upper
117	100		
82	56.5	47.9	71.9
119	32.0	26.8	40.2





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.56 min Scan# 1210
Delta R.T. 0.00 min
Lab File: VF060796.D
Acq: 20 Nov 2018 00:48

Instrument :
MSVOA_F
ClientSampleId :
VTW-01(7-10)

Tgt Ion:152 Resp: 77705

Ion	Ratio	Lower	Upper
152	100		
115	56.8	27.9	83.7
150	159.8	0.0	316.4