Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF111518\
Data File : VF060750.D
Acq On : 15 Nov 2018 16:51
Operator : VA/AP
Sample : J5767-13
Misc : 6.54g/5mL/MSVOA-F/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId :

Quant Time: Nov 16 04:37:24 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	4.85	168	272480	50.00	ug/l	-0.03
34) 1,4-Difluorobenzene	5.58	114	457240	50.00	ug/l	-0.03
63) Chlorobenzene-d5	9.77	117	375901	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	12.55	152	200123	50.00	ug/l	-0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.83	65	119894	38.58	ug/l	-0.02
Spiked Amount 50.000			Recovery = 77.16%			
35) Dibromofluoromethane	4.09	113	140420	40.85	ug/l	-0.03
Spiked Amount 50.000			Recovery = 81.70%			
50) Toluene-d8	7.54	98	347026	38.50	ug/l	-0.03
Spiked Amount 50.000			Recovery = 77.00%			
62) 4-Bromofluorobenzene	11.40	95	158129	37.90	ug/l	-0.01
Spiked Amount 50.000			Recovery = 75.80%			
Target Compounds						Qvalue
8) Diethyl Ether	1.62	74	1783	2.326	ug/l	100
11) Tert butyl alcohol	2.55	59	626	4.426	ug/l #	26
13) Acrolein	1.97	56	297	2.296	ug/l	86
15) Acrylonitrile	2.89	53	514	1.705	ug/l #	8
16) Acetone	2.23	43	6696	10.080	ug/l	97
18) Methyl Acetate	2.36	43	3412	3.128	ug/l #	64
25) 2-Butanone	4.34	43	1925	1.762	ug/l #	84
29) Tetrahydrofuran	4.09	42	1601	3.552	ug/l #	36
30) Chloroform	3.84	83	15491	2.121	ug/l	87
41) Methacrylonitrile	4.69	41	724	Below Cal	#	52
49) 1,4-Dioxane	6.39	88	62	3.832	ug/l #	1
51) 4-Methyl-2-Pentanone	8.26	43	2477	1.310	ug/l #	77
52) Toluene	7.62	92	14303	1.806	ug/l	97
58) 2-Chloroethyl Vinyl ether	7.62	63	2281	9.714	ug/l	100
59) 2-Hexanone	9.48	43	2662	2.004	ug/l	84
68) m/p-Xylenes	10.12	106	5946	1.164	ug/l	78
95) Naphthalene	14.45	128	18521	2.248	ug/l #	94

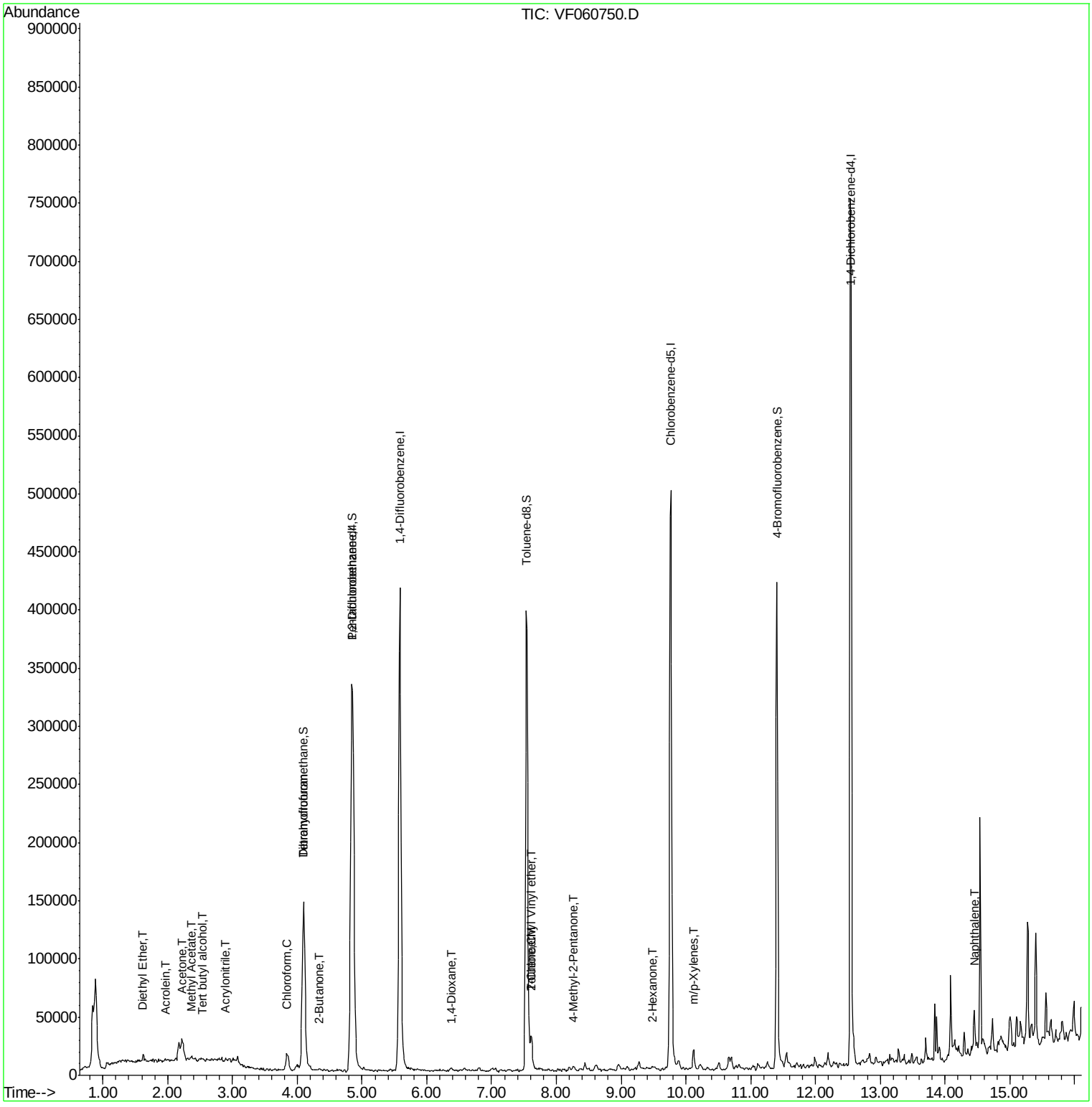
(#) = qualifier out of range (m) = manual integration (+) = signals summed

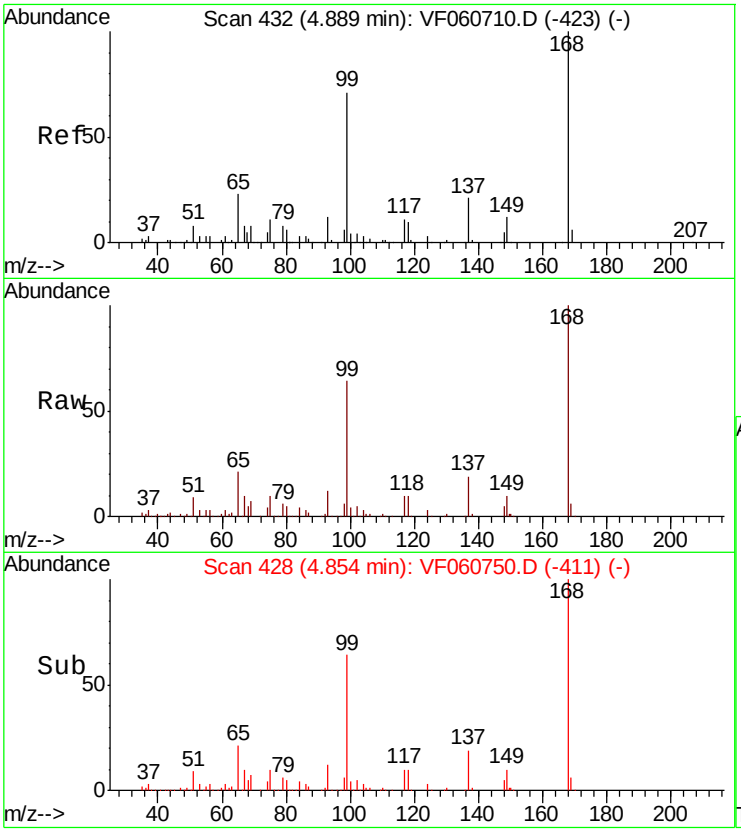
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF111518\
Data File : VF060750.D
Acq On : 15 Nov 2018 16:51
Operator : VA/AP
Sample : J5767-13
Misc : 6.54g/5mL/MSVOA-F/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :

Quant Time: Nov 16 04:37:24 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



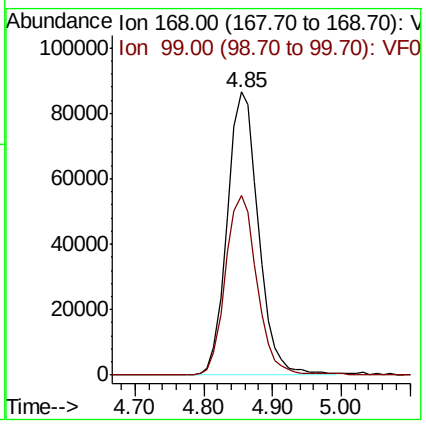


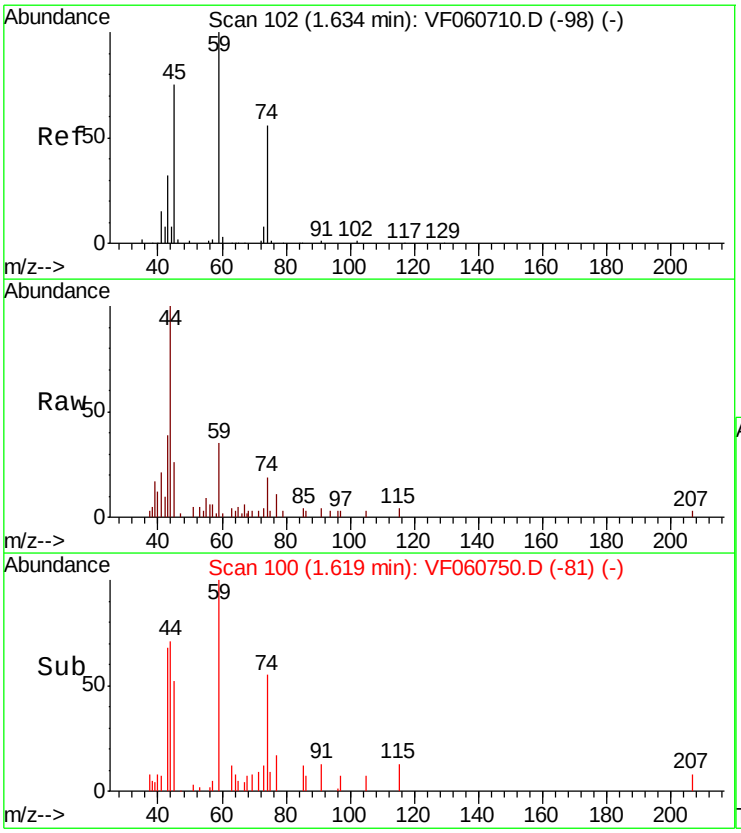
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 4.85 min Scan# 428
Delta R.T. -0.03 min
Lab File: VF060750.D
Acq: 15 Nov 2018 16:51

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion:168 Resp: 272480

Ion	Ratio	Lower	Upper
168	100		
99	63.5	57.2	85.8

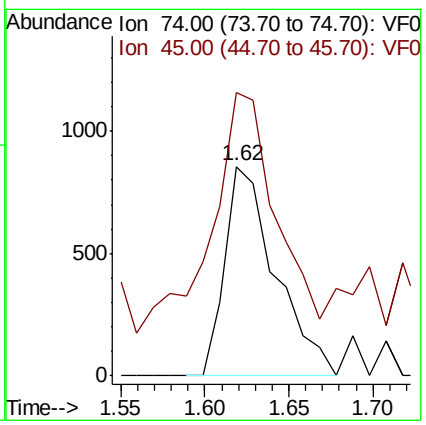


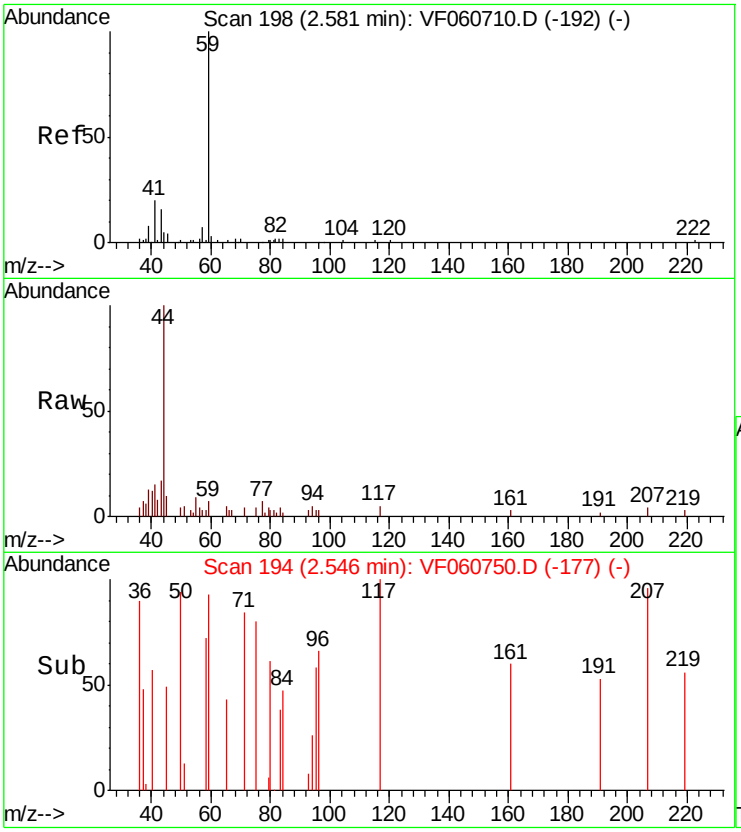


#8
Diethyl Ether
Concen: 2.326 ug/l
RT: 1.62 min Scan# 100
Delta R.T. -0.01 min
Lab File: VF060750.D
Acq: 15 Nov 2018 16:51

Tgt Ion: 74 Resp: 1783

Ion	Ratio	Lower	Upper
74	100		
45	135.2	67.7	203.1



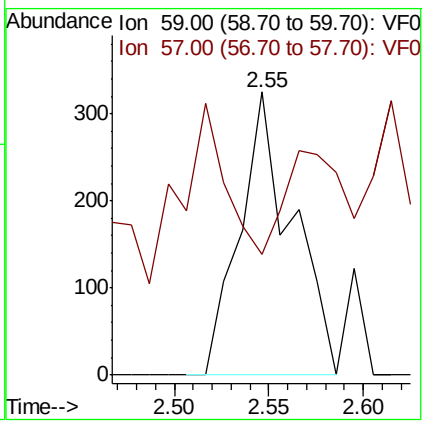


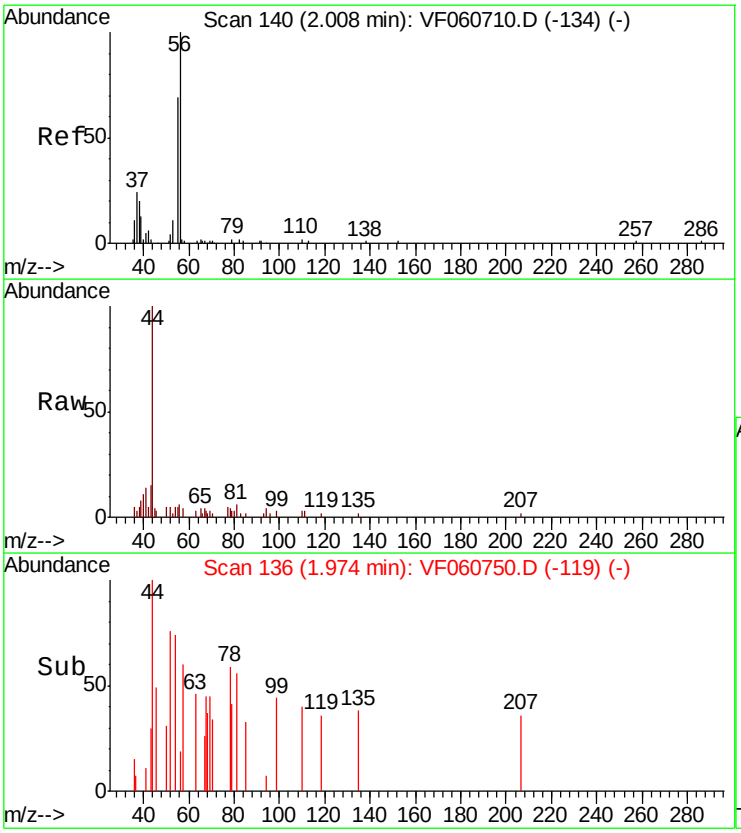
#11
Tert butyl alcohol
Concen: 4.426 ug/l
RT: 2.55 min Scan# 194
Delta R.T. -0.03 min
Lab File: VF060750.D
Acq: 15 Nov 2018 16:51

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 59 Resp: 626

Ion	Ratio	Lower	Upper
59	100		
57	42.5	10.5	15.7#

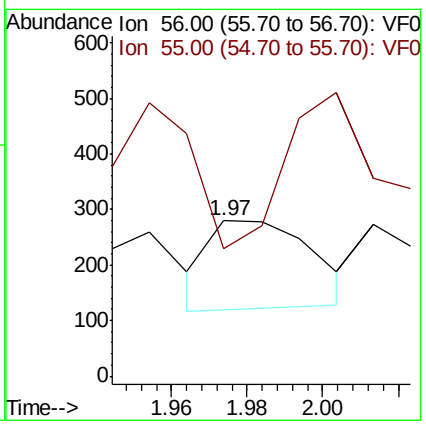


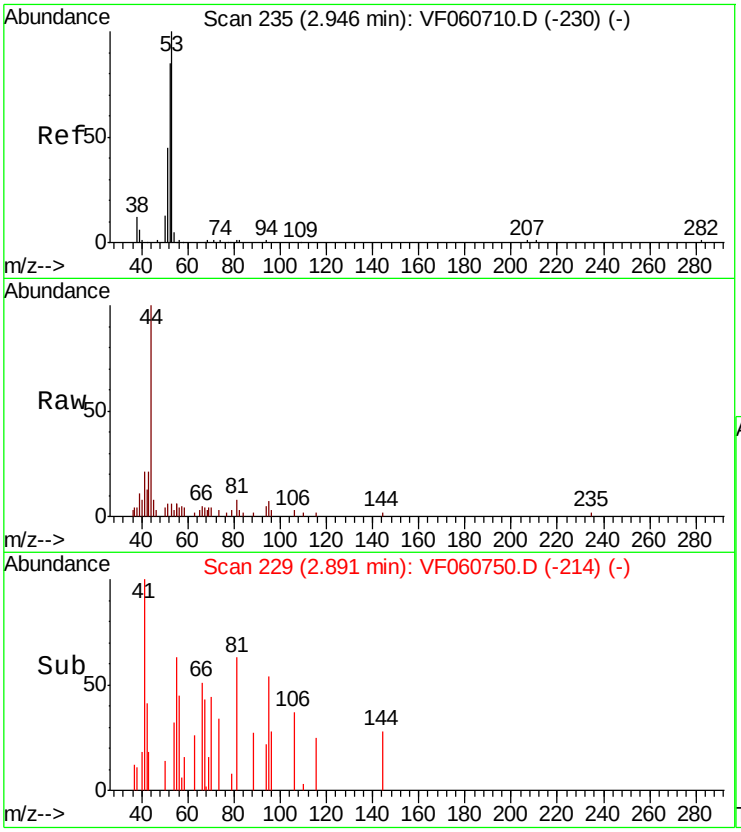


#13
Acrolein
Concen: 2.296 ug/l
RT: 1.97 min Scan# 136
Delta R.T. -0.03 min
Lab File: VF060750.D
Acq: 15 Nov 2018 16:51

Tgt Ion: 56 Resp: 297

Ion	Ratio	Lower	Upper
56	100		
55	82.1	56.6	85.0



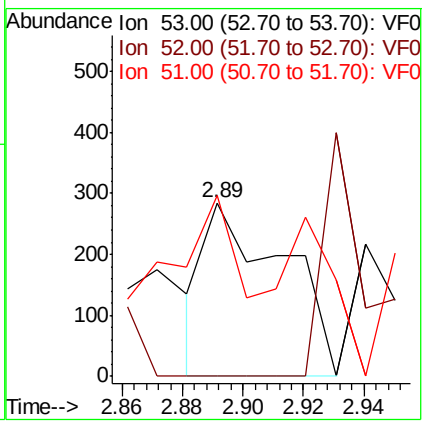


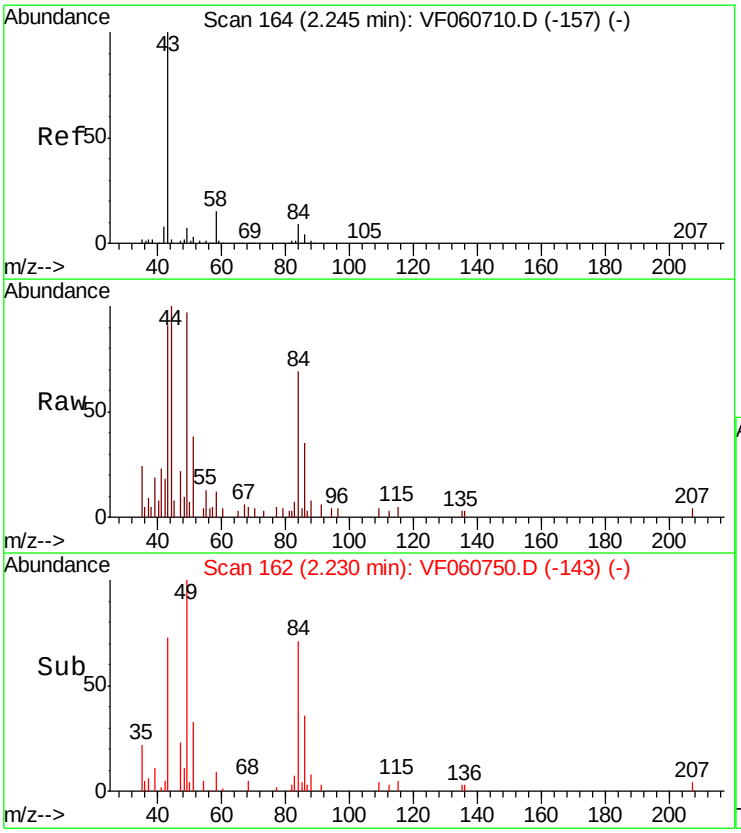
#15
Acrylonitrile
Concen: 1.705 ug/l
RT: 2.89 min Scan# 229
Delta R.T. -0.05 min
Lab File: VF060750.D
Acq: 15 Nov 2018 16:51

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 53 Resp: 514

Ion	Ratio	Lower	Upper
53	100		
52	0.0	68.8	103.2#
51	104.2	36.7	55.1#

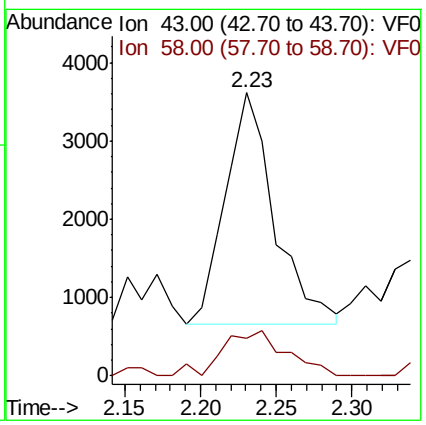


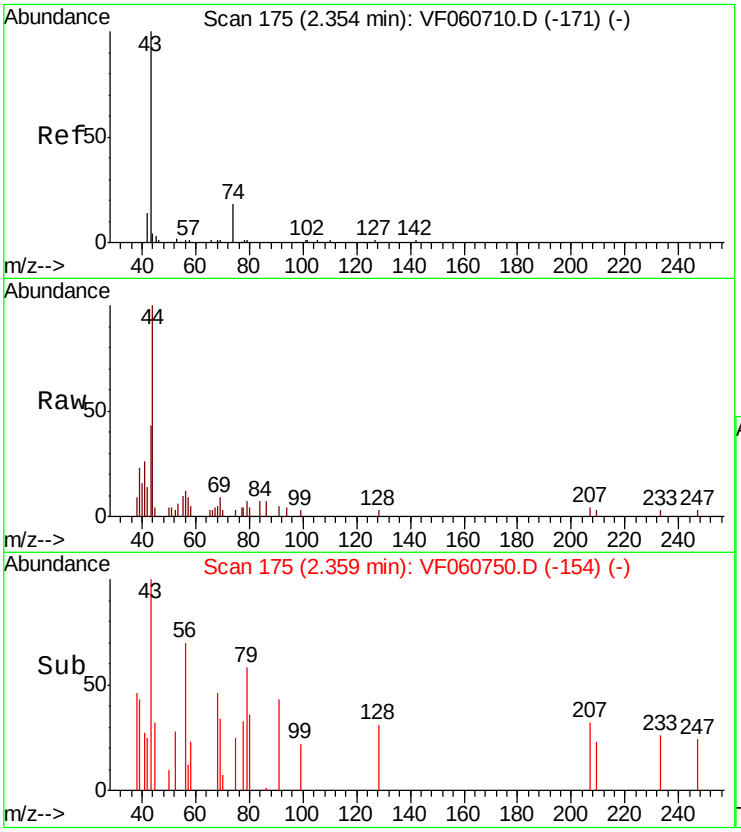


#16
Acetone
Concen: 10.080 ug/l
RT: 2.23 min Scan# 162
Delta R.T. -0.01 min
Lab File: VF060750.D
Acq: 15 Nov 2018 16:51

Tgt Ion: 43 Resp: 6696

Ion	Ratio	Lower	Upper
43	100		
58	13.4	11.6	17.4



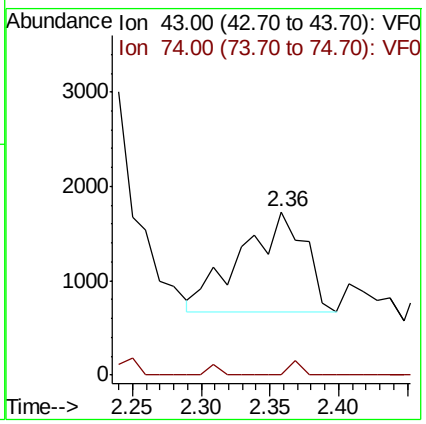


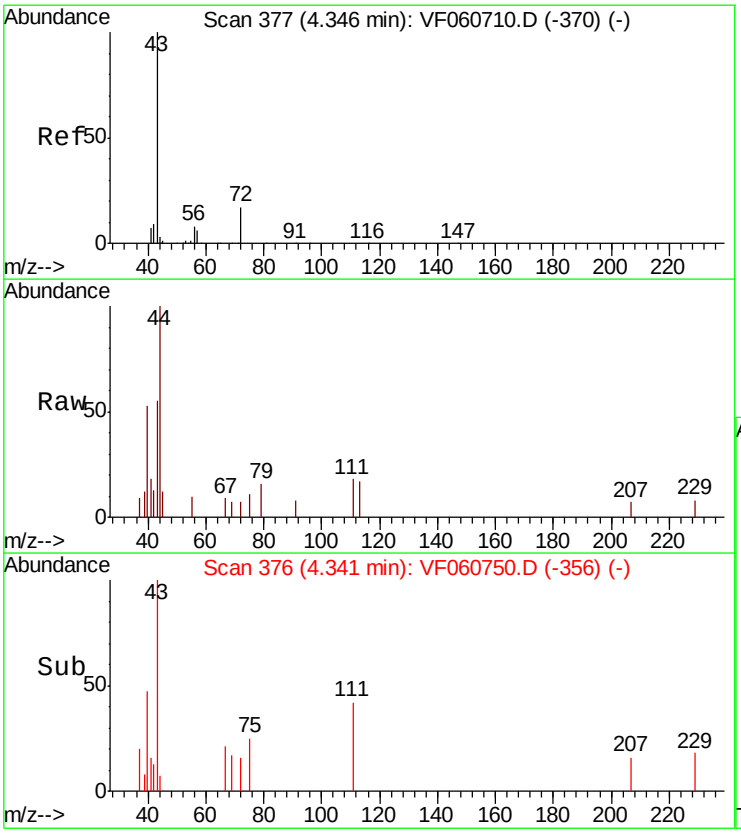
#18
Methyl Acetate
Concen: 3.128 ug/l
RT: 2.36 min Scan# 175
Delta R.T. 0.00 min
Lab File: VF060750.D
Acq: 15 Nov 2018 16:51

Instrument : MSVOA_F
ClientSampleId :

Tgt Ion: 43 Resp: 3412

Ion	Ratio	Lower	Upper
43	100		
74	0.0	11.8	17.8#

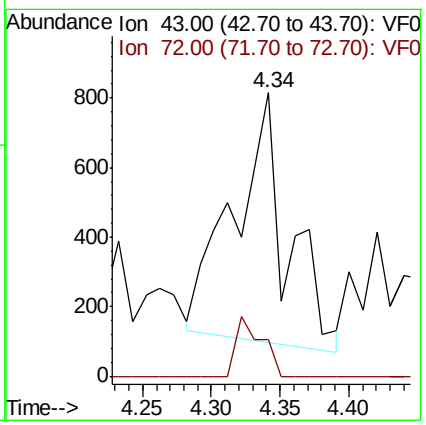


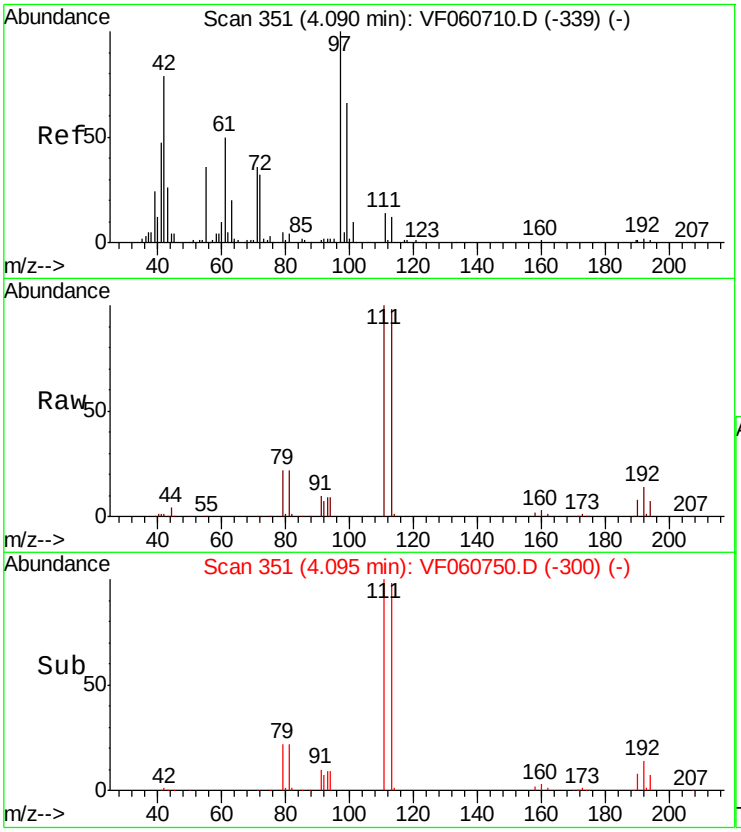


#25
2-Butanone
Concen: 1.762 ug/l
RT: 4.34 min Scan# 376
Delta R.T. -0.00 min
Lab File: VF060750.D
Acq: 15 Nov 2018 16:51

Tgt Ion: 43 Resp: 1925

Ion	Ratio	Lower	Upper
43	100		
72	12.8	16.1	24.1#



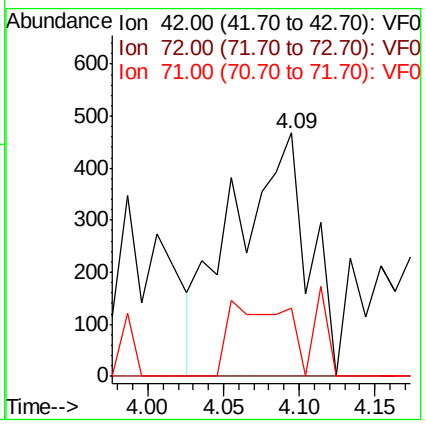


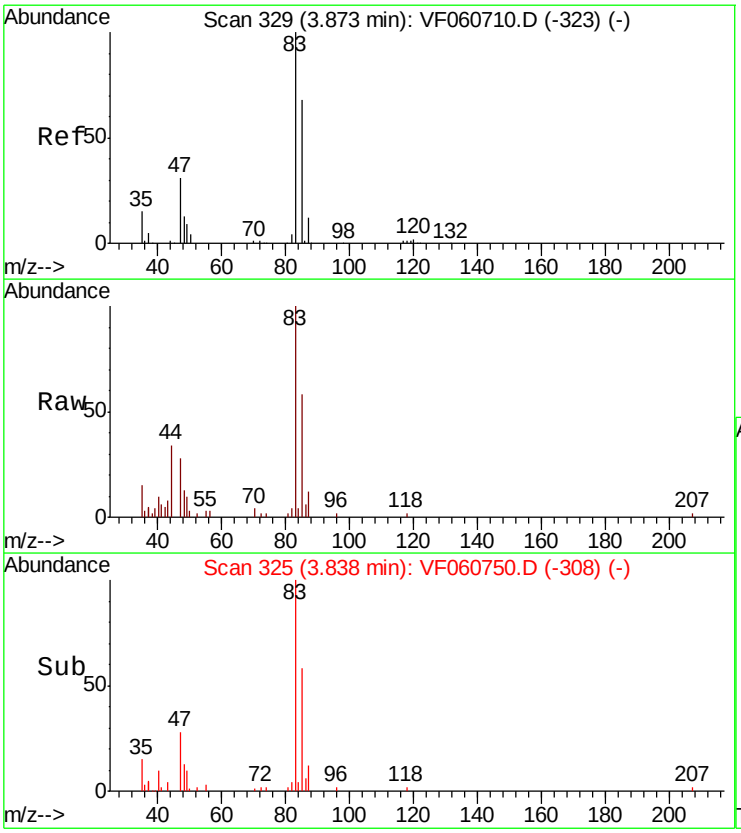
#29
Tetrahydrofuran
Concen: 3.552 ug/l
RT: 4.09 min Scan# 351
Delta R.T. 0.00 min
Lab File: VF060750.D
Acq: 15 Nov 2018 16:51

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 42 Resp: 1601

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

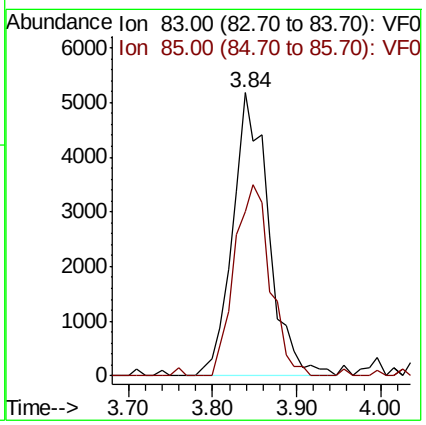


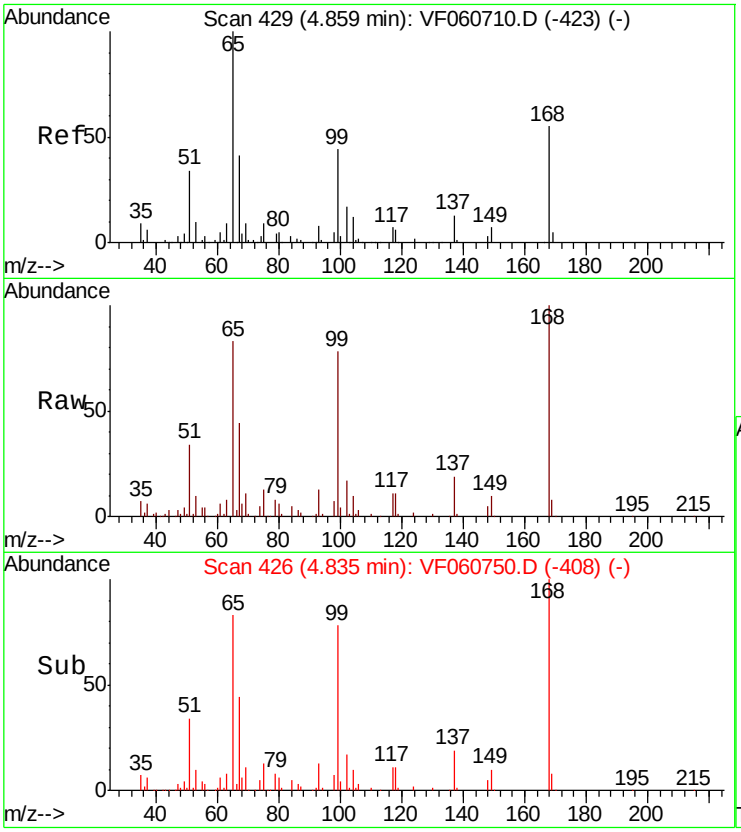


#30
Chloroform
Concen: 2.121 ug/l
RT: 3.84 min Scan# 325
Delta R.T. -0.03 min
Lab File: VF060750.D
Acq: 15 Nov 2018 16:51

Tgt Ion: 83 Resp: 15491

Ion	Ratio	Lower	Upper
83	100		
85	58.0	54.6	82.0



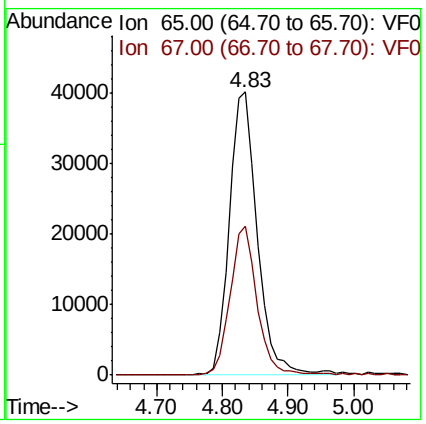


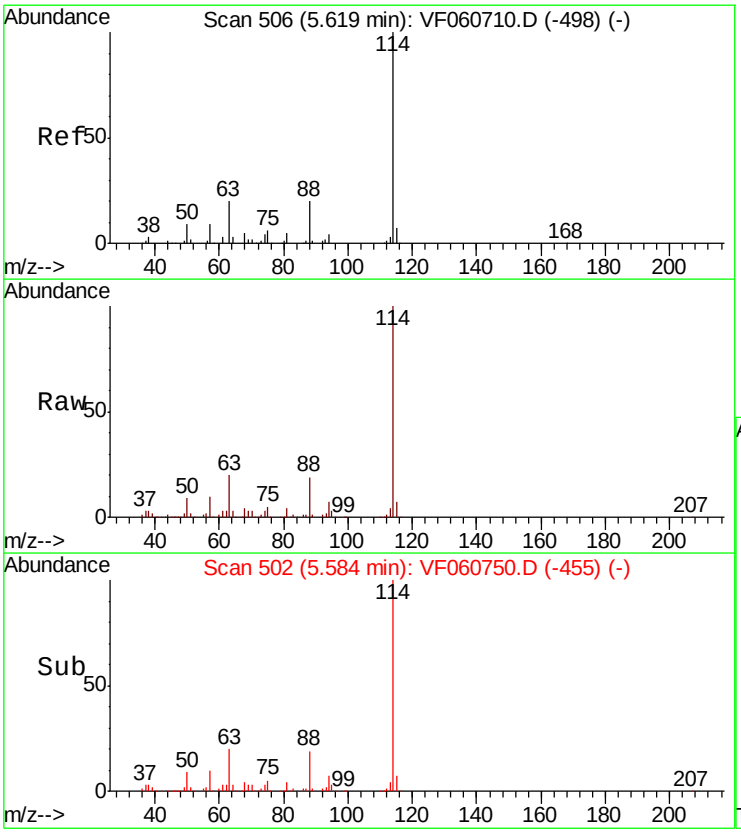
#33
1,2-Dichloroethane-d4
Concen: 38.577 ug/l
RT: 4.83 min Scan# 426
Delta R.T. -0.02 min
Lab File: VF060750.D
Acq: 15 Nov 2018 16:51

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 65 Resp: 119894

Ion	Ratio	Lower	Upper
65	100		
67	52.5	0.0	90.2

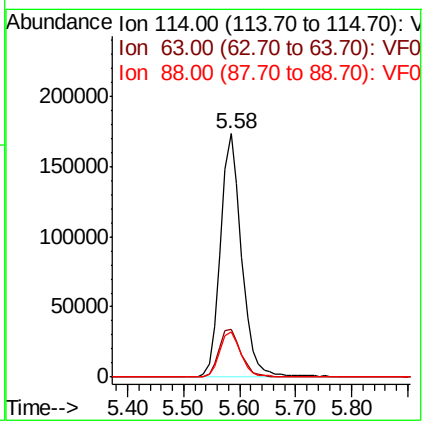


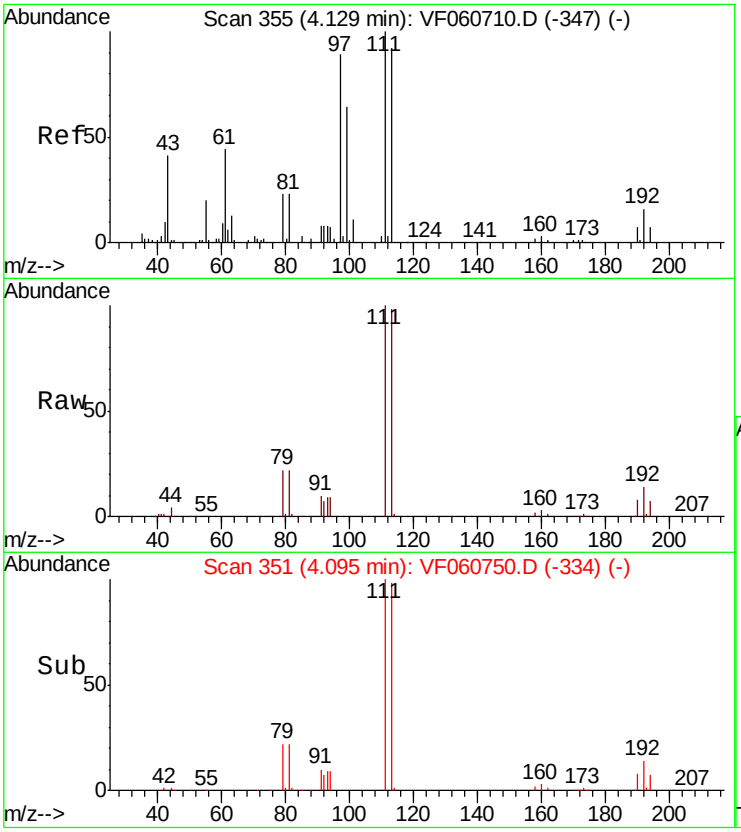


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.58 min Scan# 502
Delta R.T. -0.03 min
Lab File: VF060750.D
Acq: 15 Nov 2018 16:51

Tgt Ion:114 Resp: 457240

Ion	Ratio	Lower	Upper
114	100		
63	19.9	0.0	40.8
88	18.5	0.0	39.6



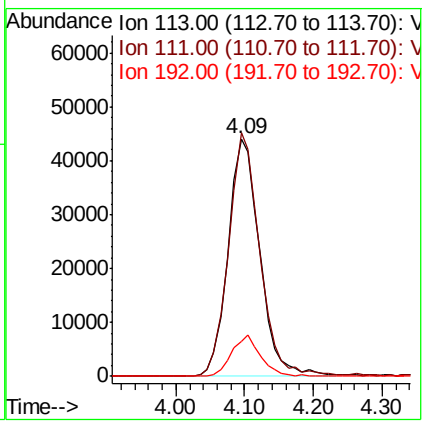


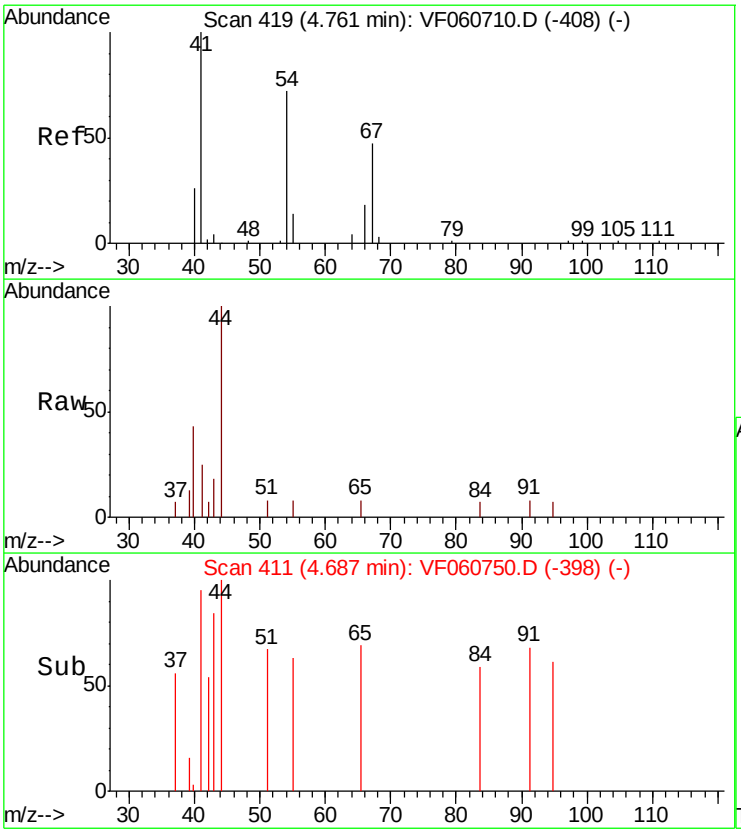
#35
Dibromofluoromethane
Concen: 40.855 ug/l
RT: 4.09 min Scan# 351
Delta R.T. -0.03 min
Lab File: VF060750.D
Acq: 15 Nov 2018 16:51

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion:113 Resp: 140420

Ion	Ratio	Lower	Upper
113	100		
111	102.5	87.1	130.7
192	14.7	13.8	20.6

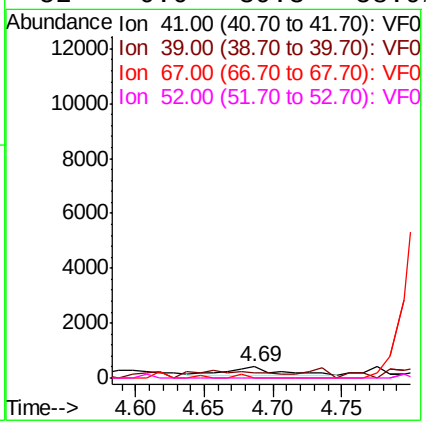


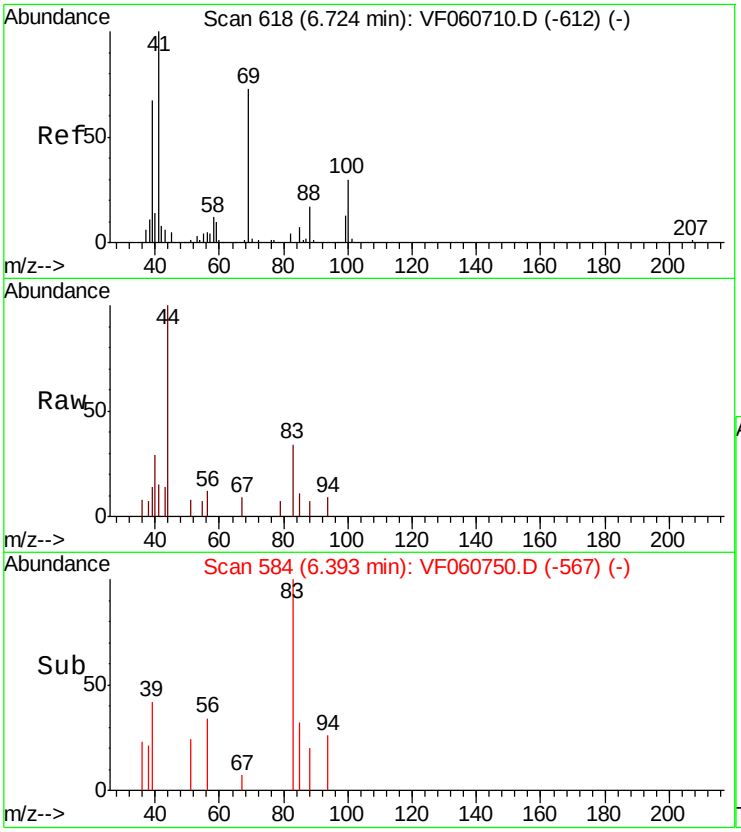


#41
Methacrylonitrile
Concen: Below Cal
RT: 4.69 min Scan# 411
Delta R.T. -0.07 min
Lab File: VF060750.D
Acq: 15 Nov 2018 16:51

Tgt Ion: 41 Resp: 724

Ion	Ratio	Lower	Upper
41	100		
39	50.6	47.1	70.7
67	0.0	37.1	55.7#
52	0.0	39.3	58.9#



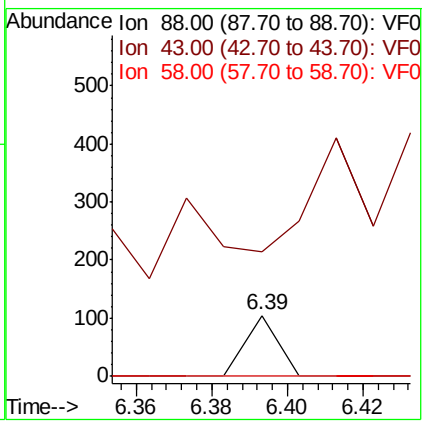


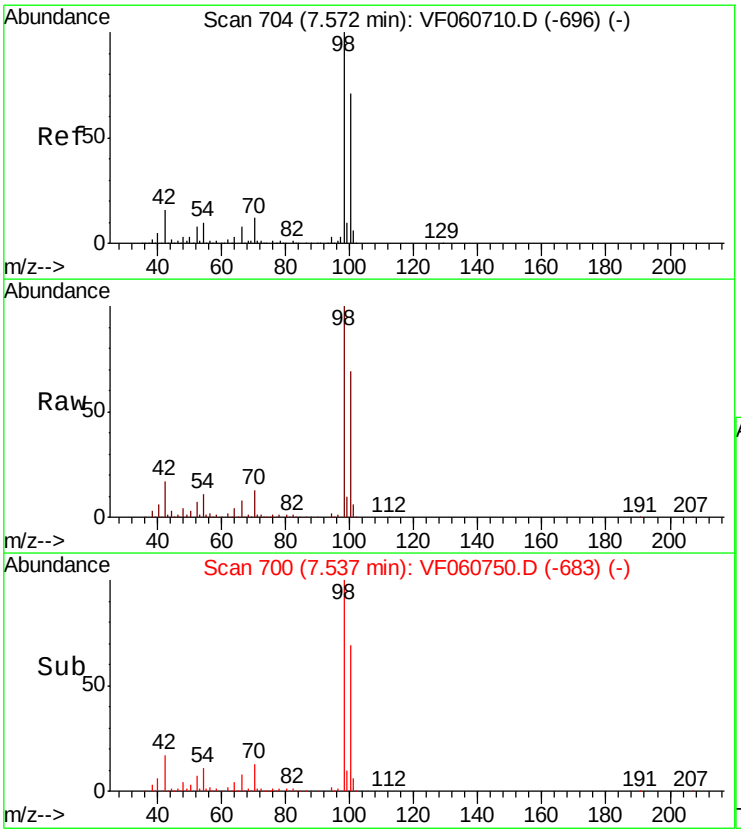
#49
1,4-Dioxane
Concen: 3.832 ug/l
RT: 6.39 min Scan# 584
Delta R.T. -0.33 min
Lab File: VF060750.D
Acq: 15 Nov 2018 16:51

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 88 Resp: 62

Ion	Ratio	Lower	Upper
88	100		
43	203.8	44.6	66.8#
58	0.0	54.5	81.7#

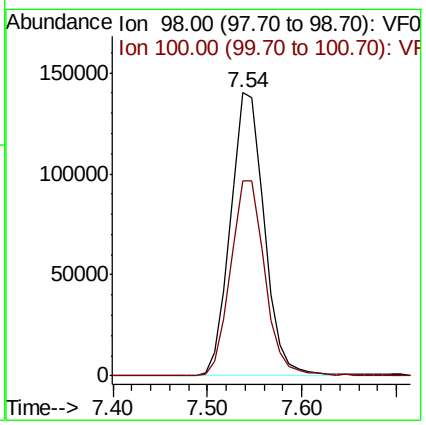


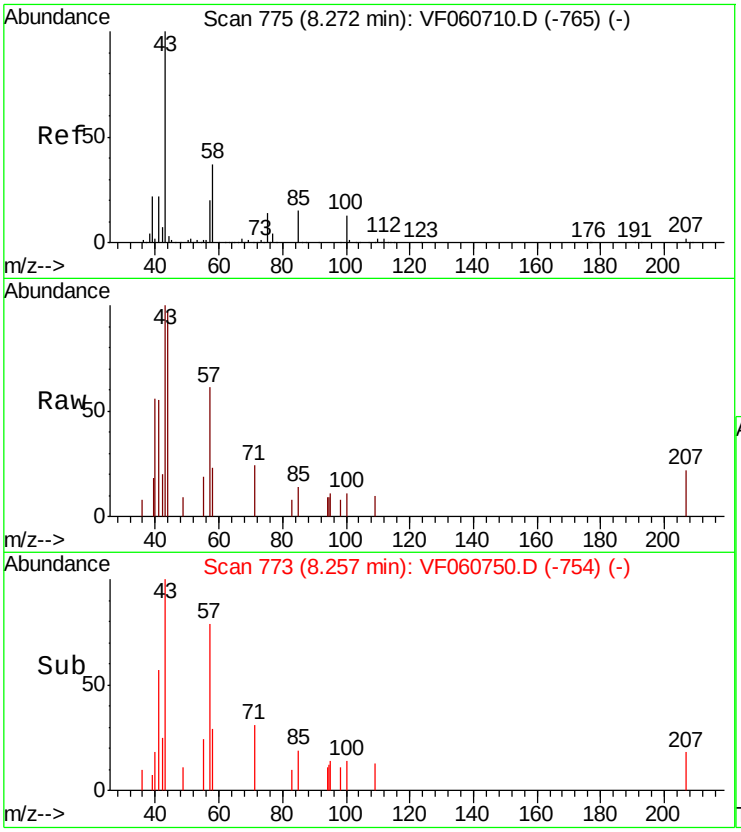


#50
Toluene-d8
Concen: 38.501 ug/l
RT: 7.54 min Scan# 700
Delta R.T. -0.03 min
Lab File: VF060750.D
Acq: 15 Nov 2018 16:51

Tgt Ion: 98 Resp: 347026

Ion	Ratio	Lower	Upper
98	100		
100	68.9	56.5	84.7



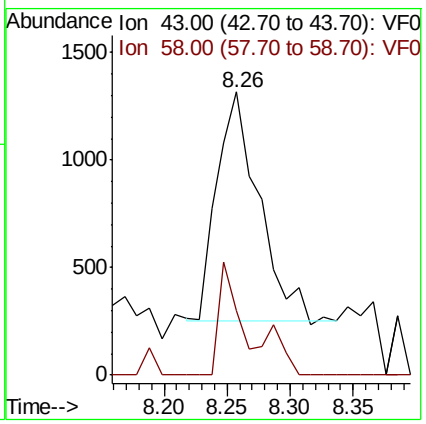


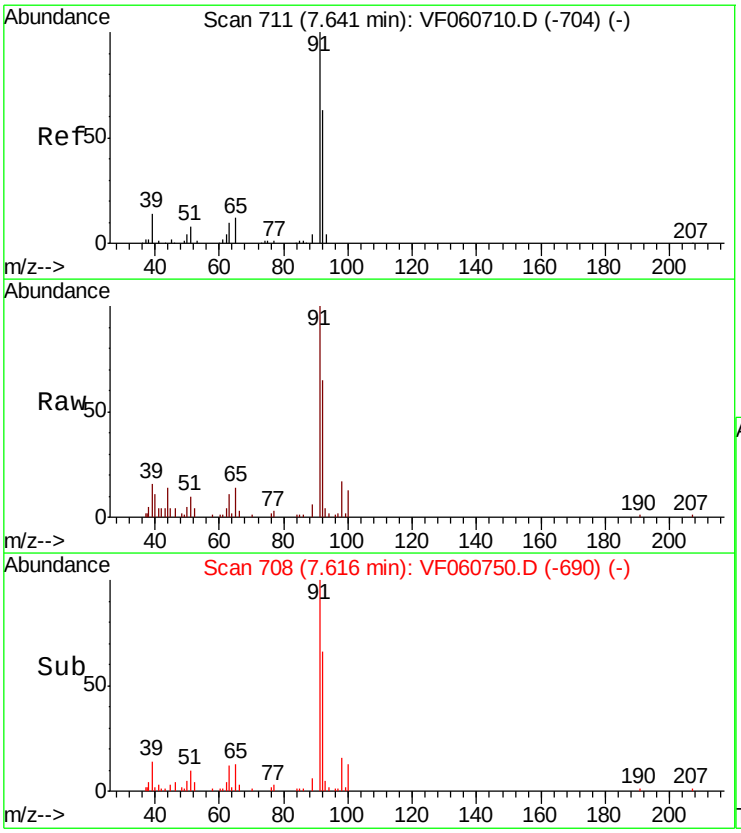
#51
4-Methyl-2-Pentanone
Concen: 1.310 ug/l
RT: 8.26 min Scan# 773
Delta R.T. -0.01 min
Lab File: VF060750.D
Acq: 15 Nov 2018 16:51

Instrument : MSVOA_F
ClientSampleId :

Tgt Ion: 43 Resp: 2477

Ion	Ratio	Lower	Upper
43	100		
58	22.7	29.2	43.8#

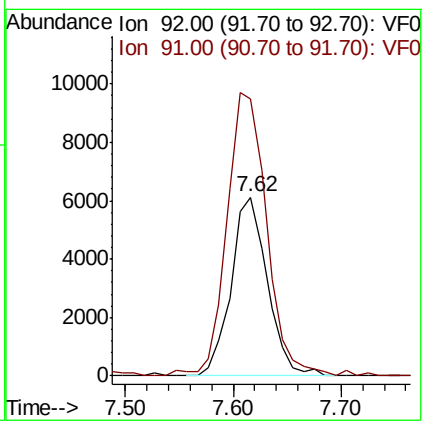


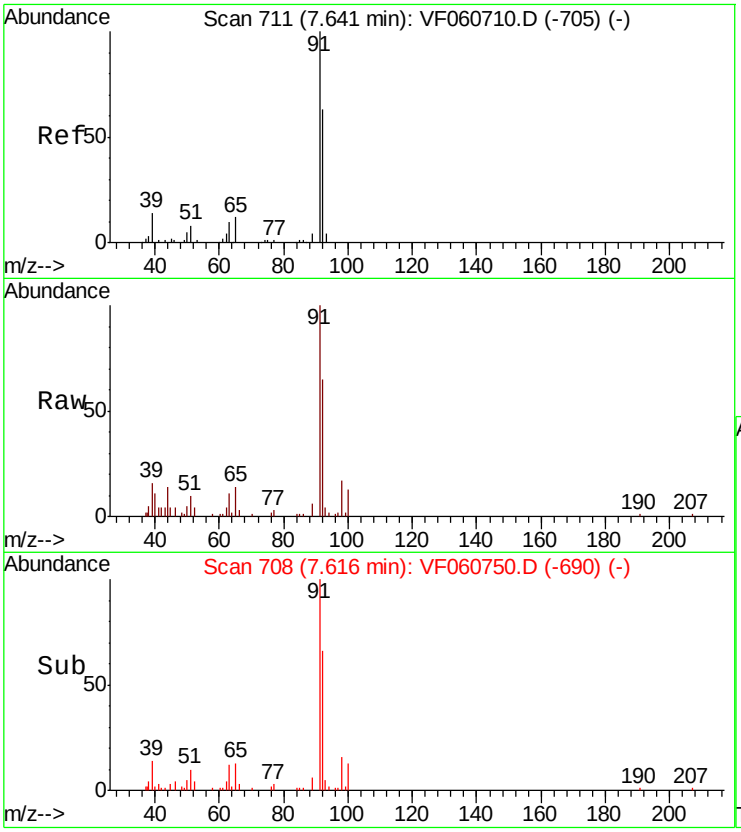


#52
Toluene
Concen: 1.806 ug/l
RT: 7.62 min Scan# 708
Delta R.T. -0.02 min
Lab File: VF060750.D
Acq: 15 Nov 2018 16:51

Tgt Ion: 92 Resp: 14303

Ion	Ratio	Lower	Upper
92	100		
91	154.7	126.7	190.1



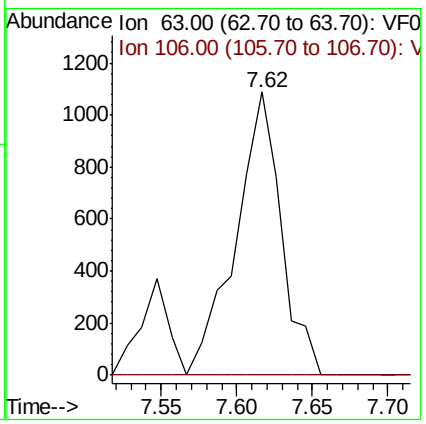


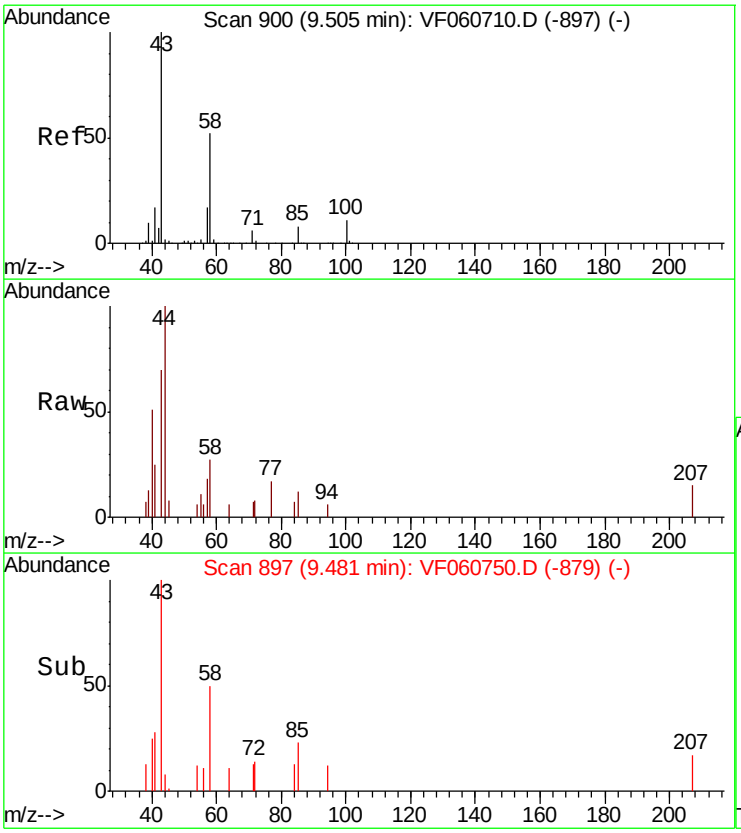
#58
2-Chloroethyl Vinyl ether
Concen: 9.714 ug/l
RT: 7.62 min Scan# 708
Delta R.T. -0.02 min
Lab File: VF060750.D
Acq: 15 Nov 2018 16:51

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 63 Resp: 2281

Ion	Ratio	Lower	Upper
63	100		
106	0.0	0.0	0.0

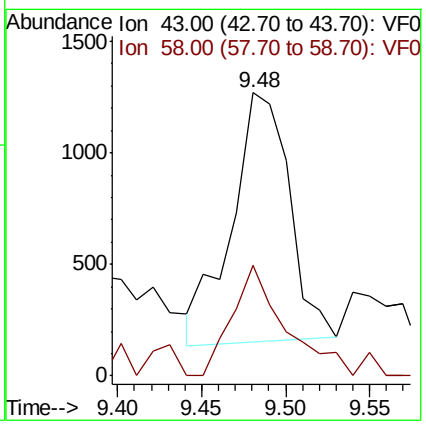


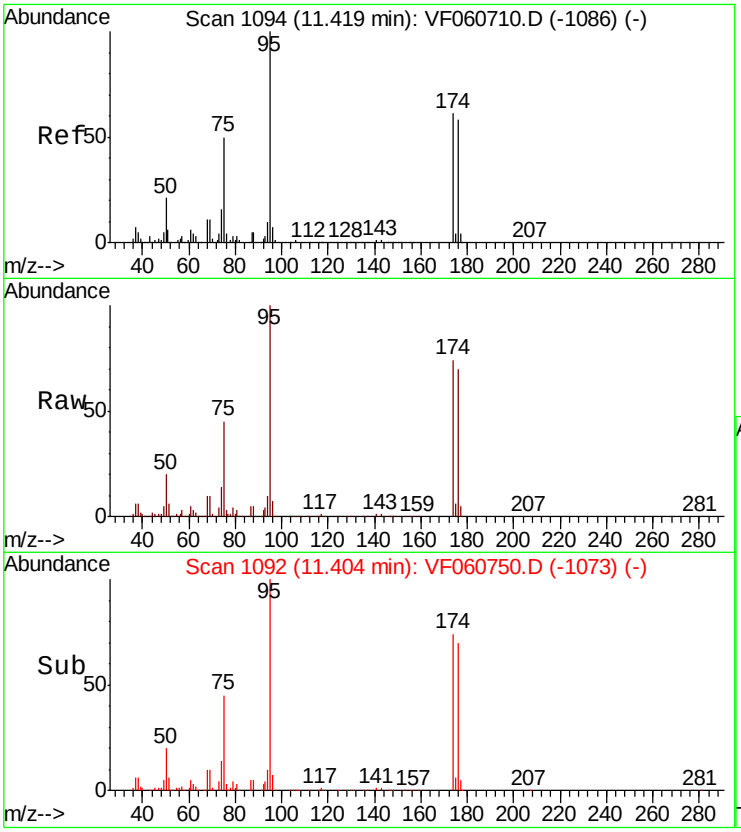


#59
2-Hexanone
Concen: 2.004 ug/l
RT: 9.48 min Scan# 897
Delta R.T. -0.02 min
Lab File: VF060750.D
Acq: 15 Nov 2018 16:51

Tgt Ion: 43 Resp: 2662

Ion	Ratio	Lower	Upper
43	100		
58	39.1	24.9	74.7



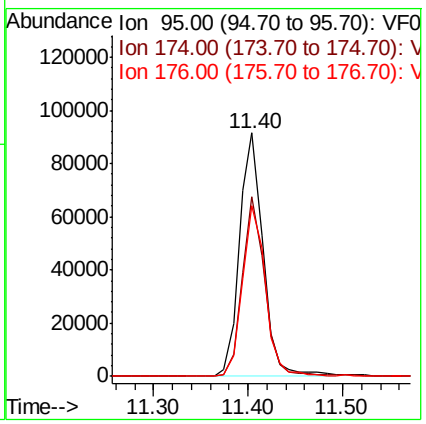


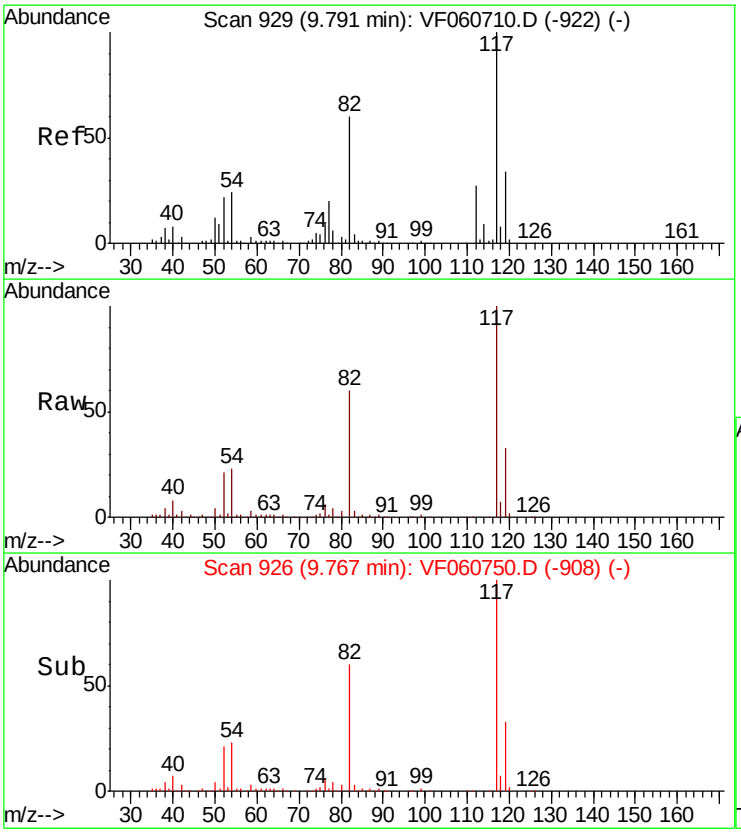
#62
4-Bromofluorobenzene
Concen: 37.899 ug/l
RT: 11.40 min Scan# 1092
Delta R.T. -0.01 min
Lab File: VF060750.D
Acq: 15 Nov 2018 16:51

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 95 Resp: 158129

Ion	Ratio	Lower	Upper
95	100		
174	73.9	0.0	121.6
176	70.0	0.0	115.2

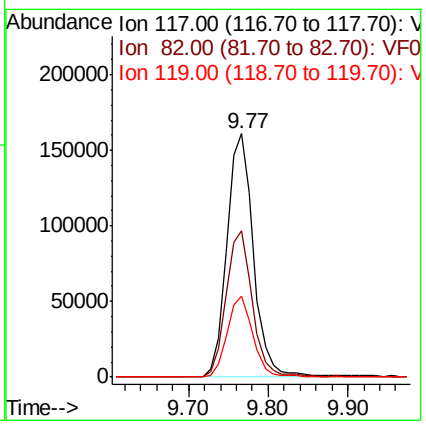


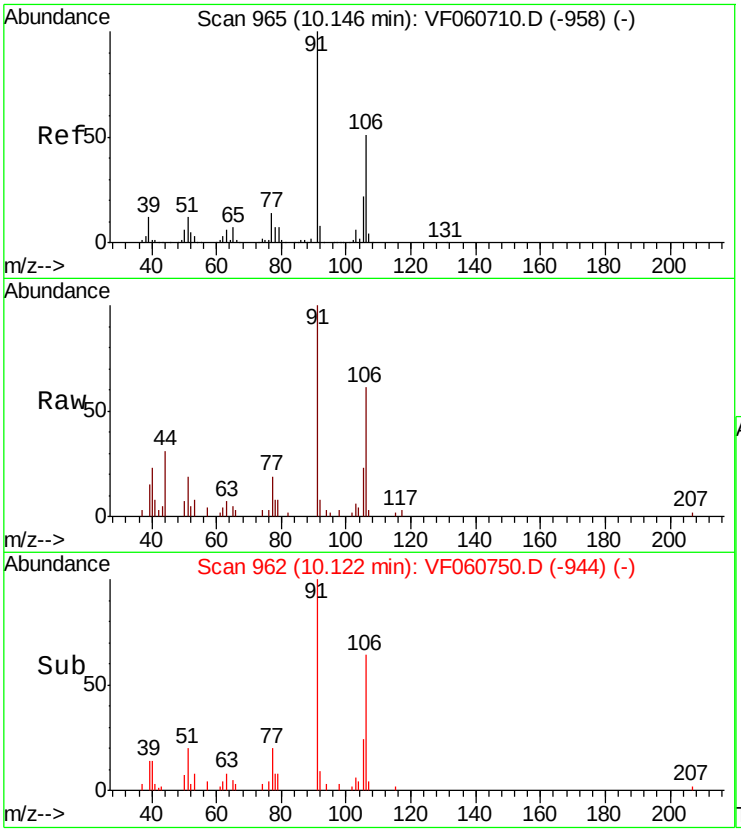


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.77 min Scan# 926
Delta R.T. -0.02 min
Lab File: VF060750.D
Acq: 15 Nov 2018 16:51

Tgt Ion:117 Resp: 375901

Ion	Ratio	Lower	Upper
117	100		
82	60.3	47.9	71.9
119	33.3	26.8	40.2



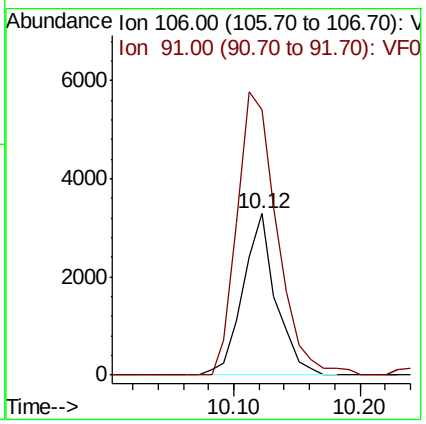


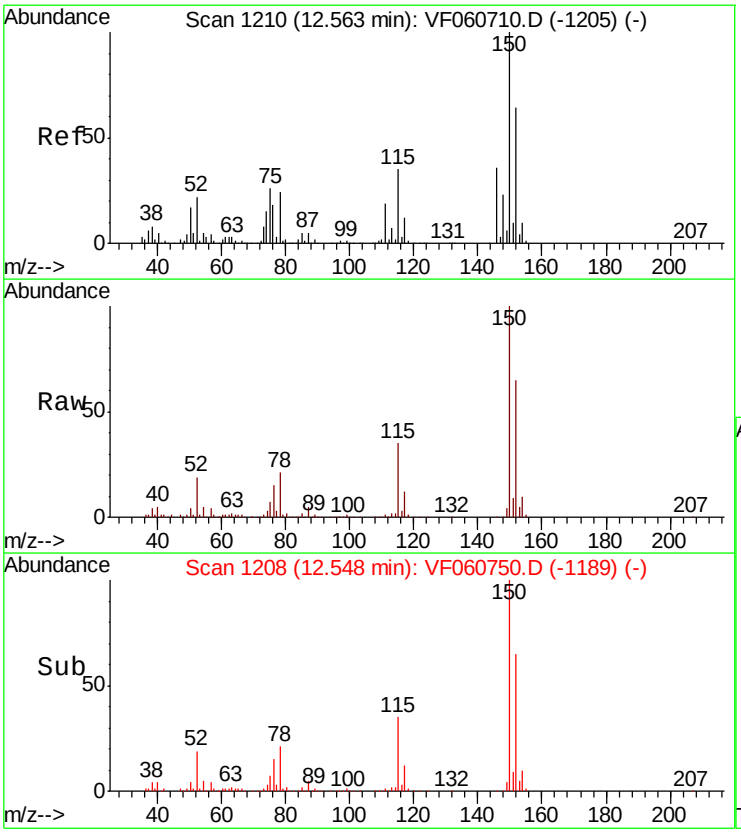
#68
m/p-Xylenes
Concen: 1.164 ug/l
RT: 10.12 min Scan# 962
Delta R.T. -0.02 min
Lab File: VF060750.D
Acq: 15 Nov 2018 16:51

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion:106 Resp: 5946

Ion	Ratio	Lower	Upper
106	100		
91	163.9	158.2	237.2

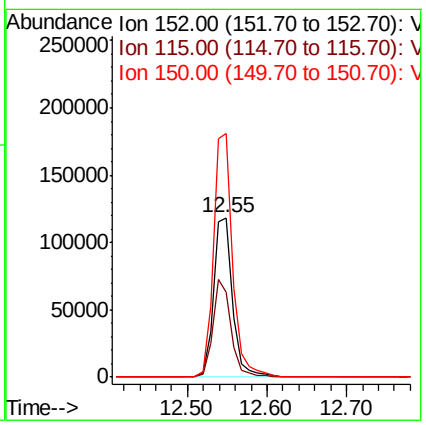


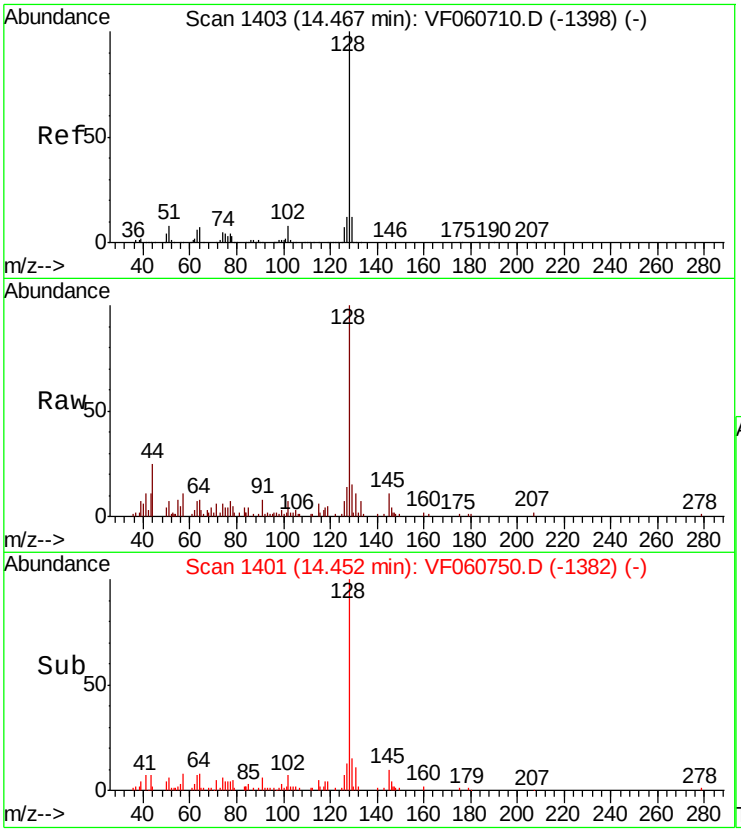


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.55 min Scan# 1208
Delta R.T. -0.01 min
Lab File: VF060750.D
Acq: 15 Nov 2018 16:51

Tgt Ion:152 Resp: 200123

Ion	Ratio	Lower	Upper
152	100		
115	53.2	27.9	83.7
150	152.8	0.0	316.4





#95
Naphthalene
Concen: 2.248 ug/l
RT: 14.45 min Scan# 1401
Delta R.T. -0.01 min
Lab File: VF060750.D
Acq: 15 Nov 2018 16:51

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion:128 Resp: 18521

Ion	Ratio	Lower	Upper
128	100		
127	13.5	9.8	14.6
129	14.7	9.3	13.9#