Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF031419\
Data File : VF061944.D
Acq On : 14 Mar 2019 17:51
Operator : VA/AP
Sample : K1905-03
Misc : 5.86g/5mL/MSVOA-F/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId : RBR-200052

Quant Time: Mar 15 01:18:30 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F030419S.M
Quant Title : SW846 8260
QLast Update : Tue Mar 05 04:50:44 2019
Response via : Initial Calibration

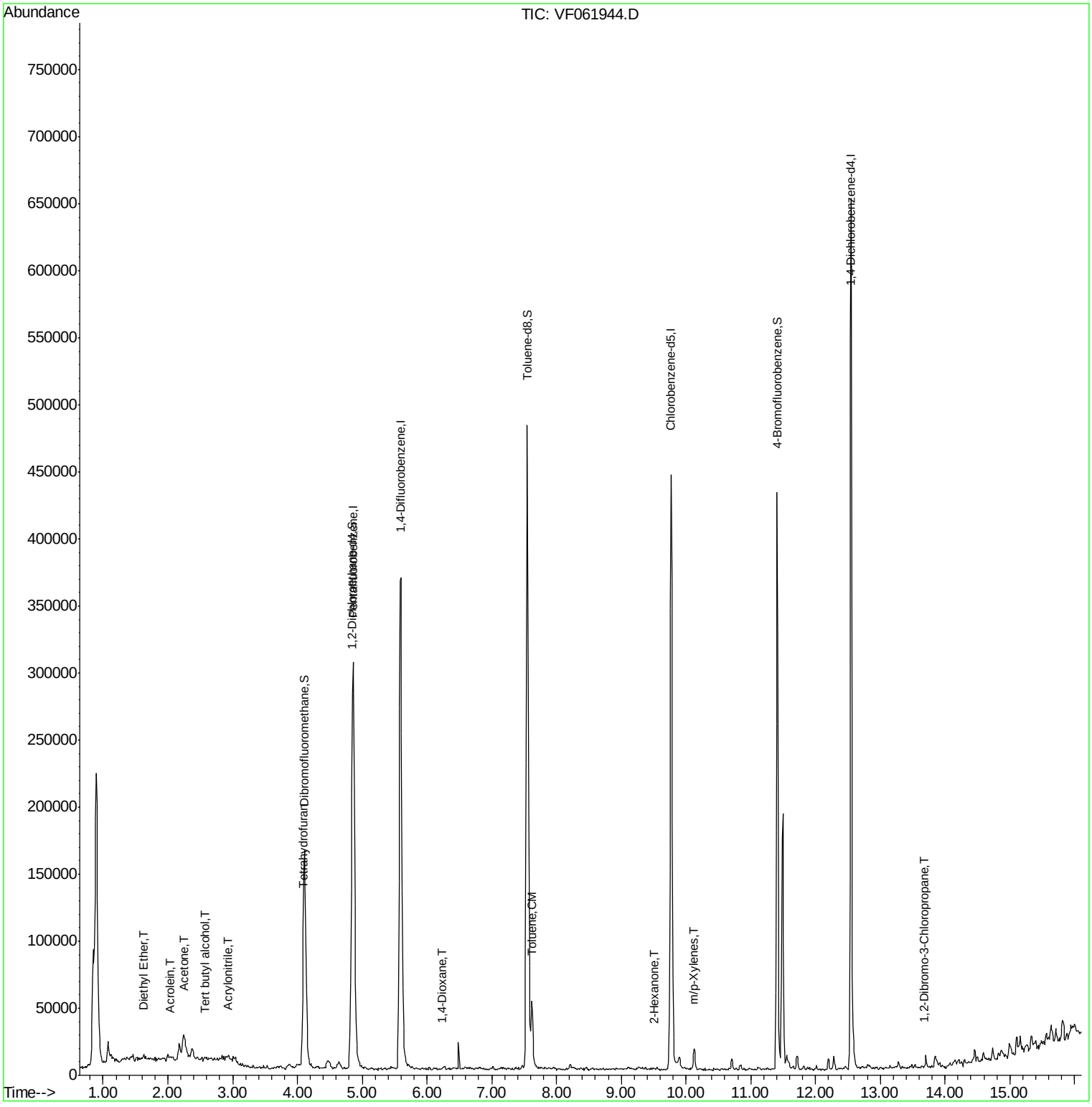
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.87	168	278425	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	5.60	114	467836	50.00	ug/l	-0.01
63) Chlorobenzene-d5	9.77	117	355502	50.00	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	12.55	152	187808	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.84	65	106248	52.40	ug/l	-0.01
Spiked Amount 50.000			Recovery = 104.80%			
35) Dibromofluoromethane	4.11	113	163472	50.07	ug/l	-0.01
Spiked Amount 50.000			Recovery = 100.14%			
50) Toluene-d8	7.55	98	425998	43.90	ug/l	-0.01
Spiked Amount 50.000			Recovery = 87.80%			
62) 4-Bromofluorobenzene	11.41	95	163516	43.01	ug/l	-0.01
Spiked Amount 50.000			Recovery = 86.02%			
Target Compounds						Qvalue
8) Diethyl Ether	1.62	74	1432	1.640	ug/l	56
11) Tert butyl alcohol	2.58	59	666	5.787	ug/l #	64
13) Acrolein	2.03	56	313	2.146	ug/l	86
15) Acrylonitrile	2.94	53	828	2.259	ug/l #	64
16) Acetone	2.24	43	18485	43.522	ug/l	98
18) Methyl Acetate	2.36	43	4041	Below Cal	#	62
20) Methylene Chloride	2.18	84	6175	Below Cal	#	84
29) Tetrahydrofuran	4.08	42	874	2.346	ug/l #	61
49) 1,4-Dioxane	6.23	88	75	5.670	ug/l #	3
52) Toluene	7.62	92	27466	4.019	ug/l	96
59) 2-Hexanone	9.51	43	1303	1.143	ug/l #	22
68) m/p-Xylenes	10.12	106	5850	1.349	ug/l	91
92) 1,2-Dibromo-3-Chloropropan	13.67	75	67	3.933	ug/l #	1

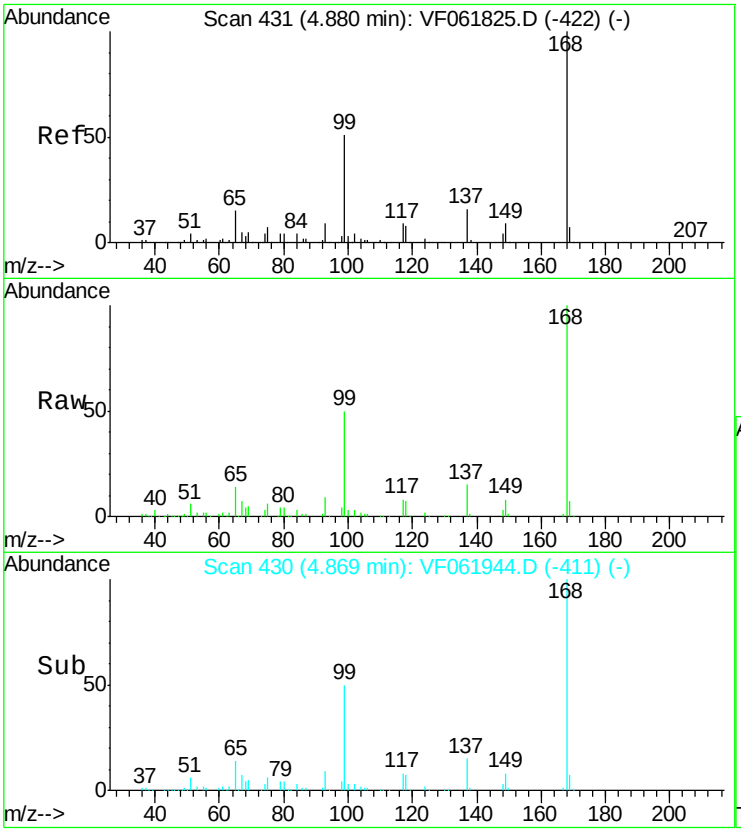
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF031419\
Data File : VF061944.D
Acq On : 14 Mar 2019 17:51
Operator : VA/AP
Sample : K1905-03
Misc : 5.86g/5mL/MSVOA-F/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :
RBR-200052

Quant Time: Mar 15 01:18:30 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F030419S.M
Quant Title : SW846 8260
QLast Update : Tue Mar 05 04:50:44 2019
Response via : Initial Calibration



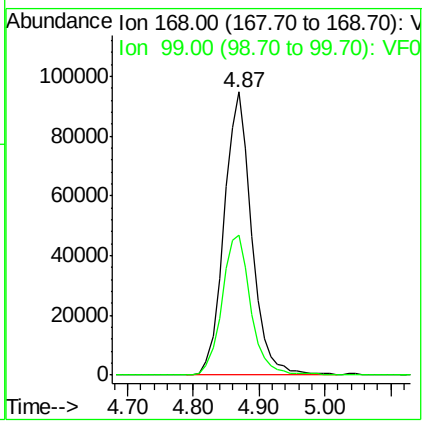


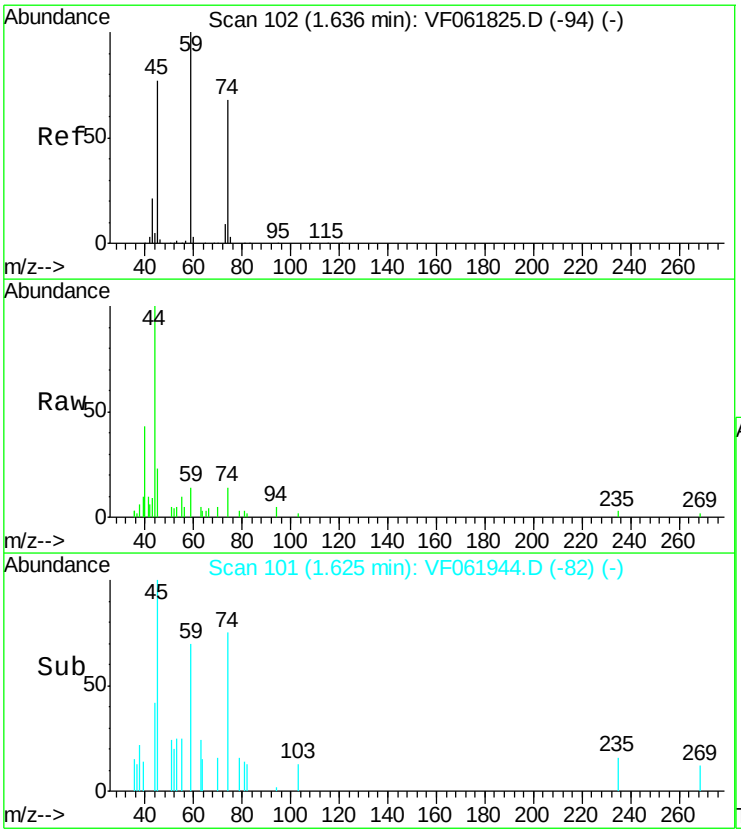
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 4.87 min Scan# 430
Delta R.T. -0.01 min
Lab File: VF061944.D
Acq: 14 Mar 2019 17:51

Instrument :
MSVOA_F
ClientSampleId :
RBR-200052

Tgt Ion:168 Resp: 278425

Ion	Ratio	Lower	Upper
168	100		
99	49.5	40.8	61.2

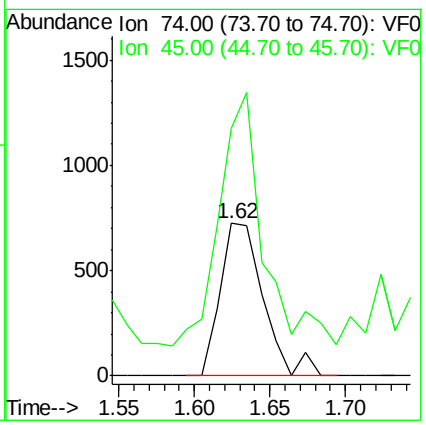


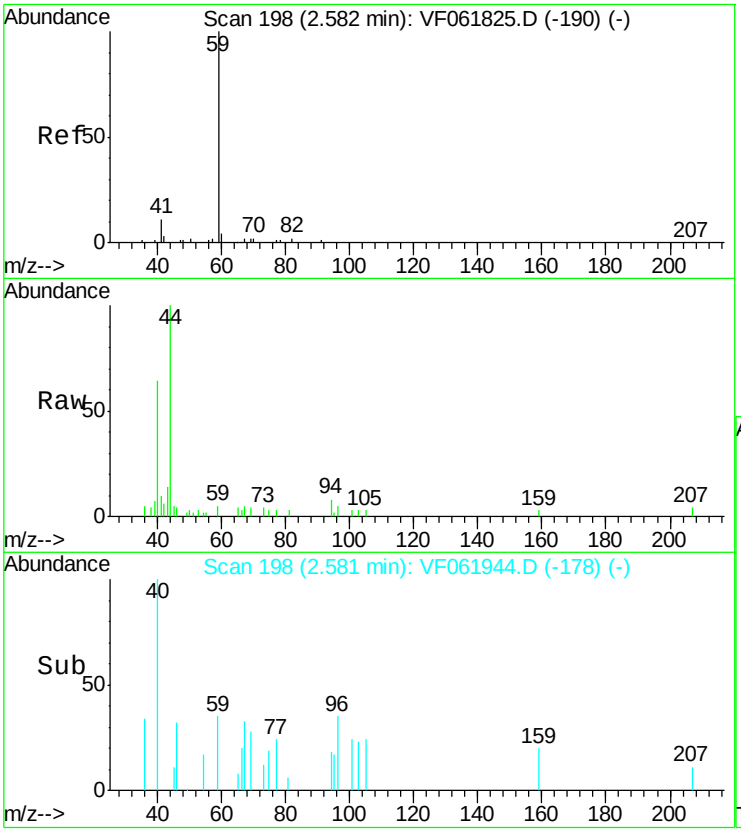


#8
Diethyl Ether
Concen: 1.640 ug/l
RT: 1.62 min Scan# 101
Delta R.T. -0.01 min
Lab File: VF061944.D
Acq: 14 Mar 2019 17:51

Tgt Ion: 74 Resp: 1432

Ion	Ratio	Lower	Upper
74	100		
45	161.8	57.2	171.6



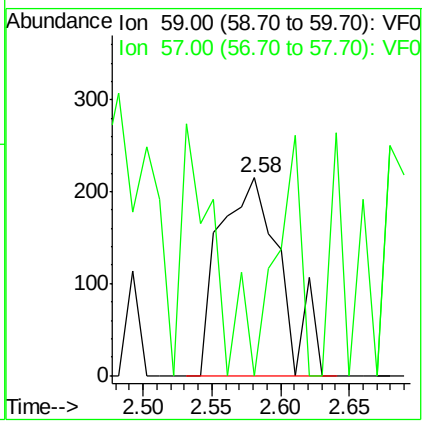


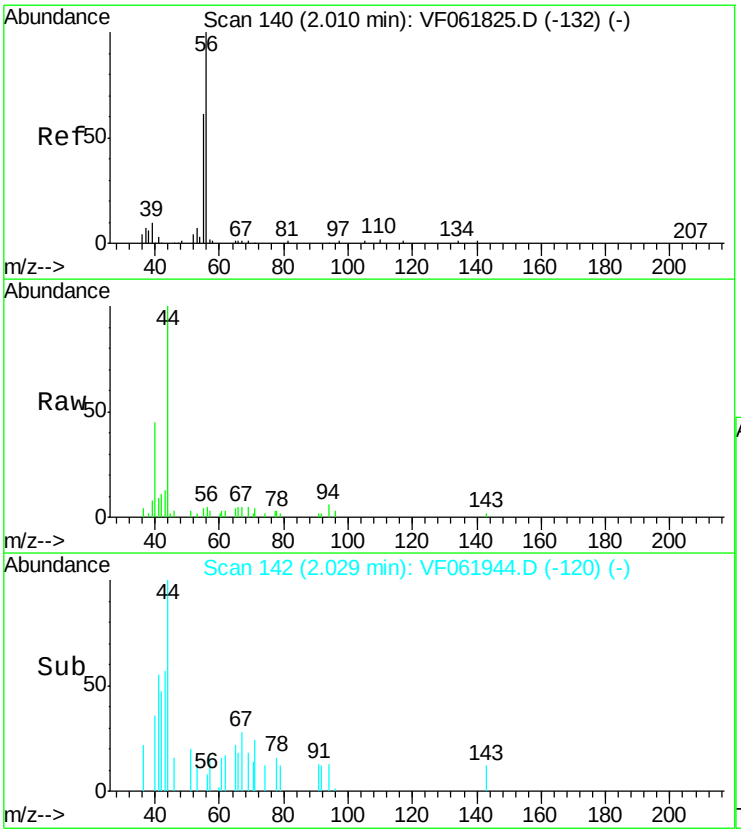
#11
Tert butyl alcohol
Concen: 5.787 ug/l
RT: 2.58 min Scan# 198
Delta R.T. -0.00 min
Lab File: VF061944.D
Acq: 14 Mar 2019 17:51

Instrument : MSVOA_F
ClientSampleId : RBR-200052

Tgt Ion: 59 Resp: 666

Ion	Ratio	Lower	Upper
59	100		
57	0.0	11.8	17.6#

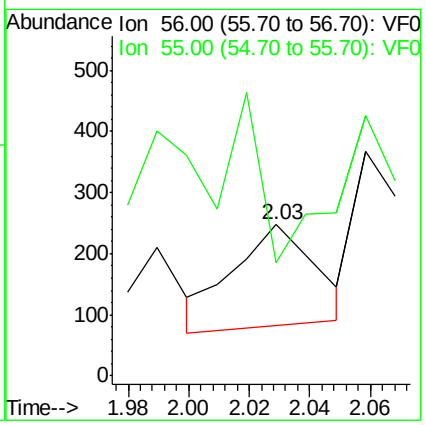


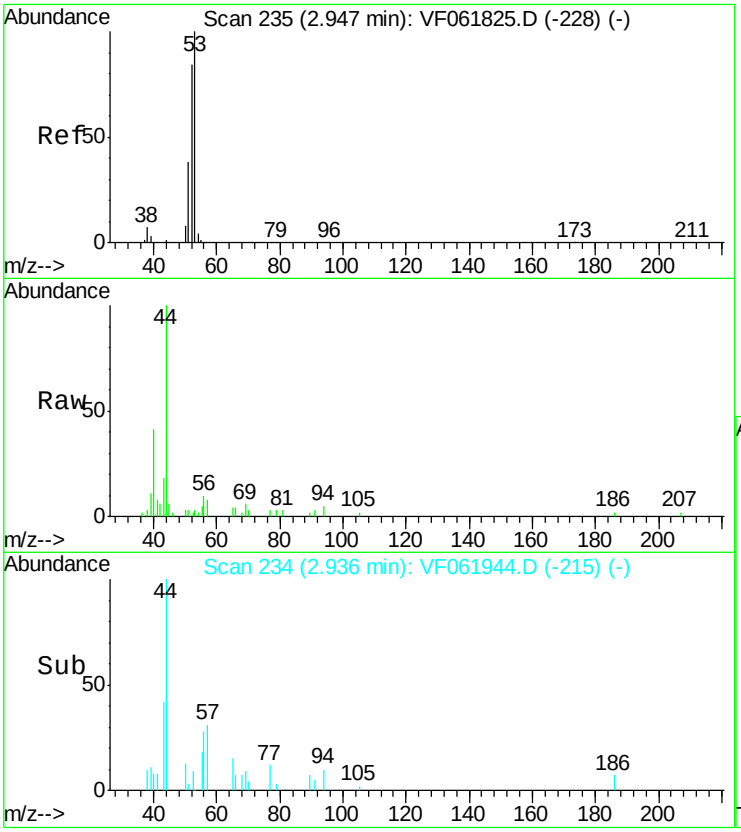


#13
Acrolein
Concen: 2.146 ug/l
RT: 2.03 min Scan# 142
Delta R.T. 0.02 min
Lab File: VF061944.D
Acq: 14 Mar 2019 17:51

Tgt Ion: 56 Resp: 313

Ion	Ratio	Lower	Upper
56	100		
55	74.9	51.3	76.9



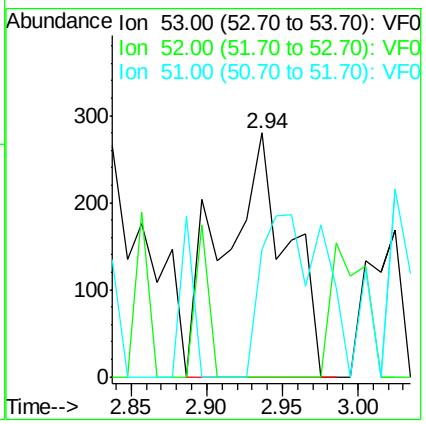


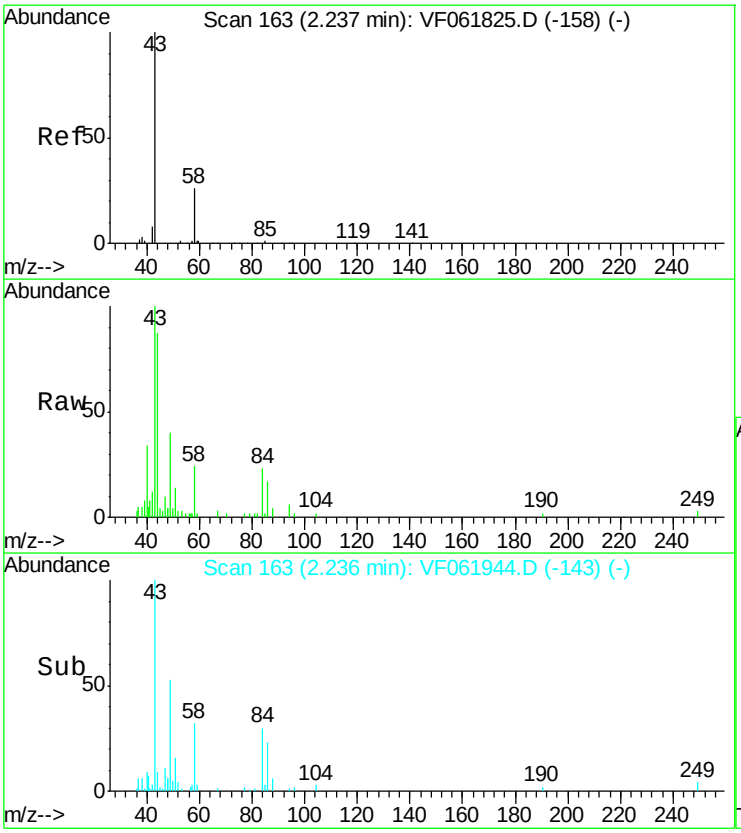
#15
Acrylonitrile
Concen: 2.259 ug/l
RT: 2.94 min Scan# 234
Delta R.T. -0.01 min
Lab File: VF061944.D
Acq: 14 Mar 2019 17:51

Instrument : MSVOA_F
ClientSampleId : RBR-200052

Tgt Ion: 53 Resp: 828

Ion	Ratio	Lower	Upper
53	100		
52	46.1	67.4	101.0#
51	52.5	30.7	46.1#

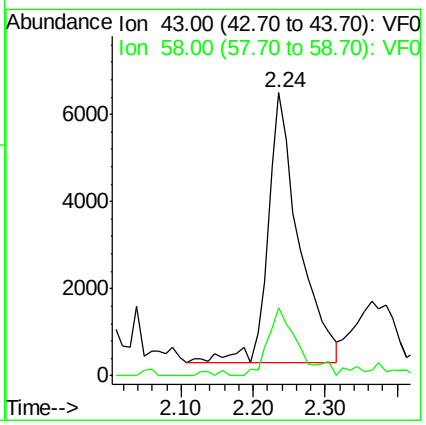


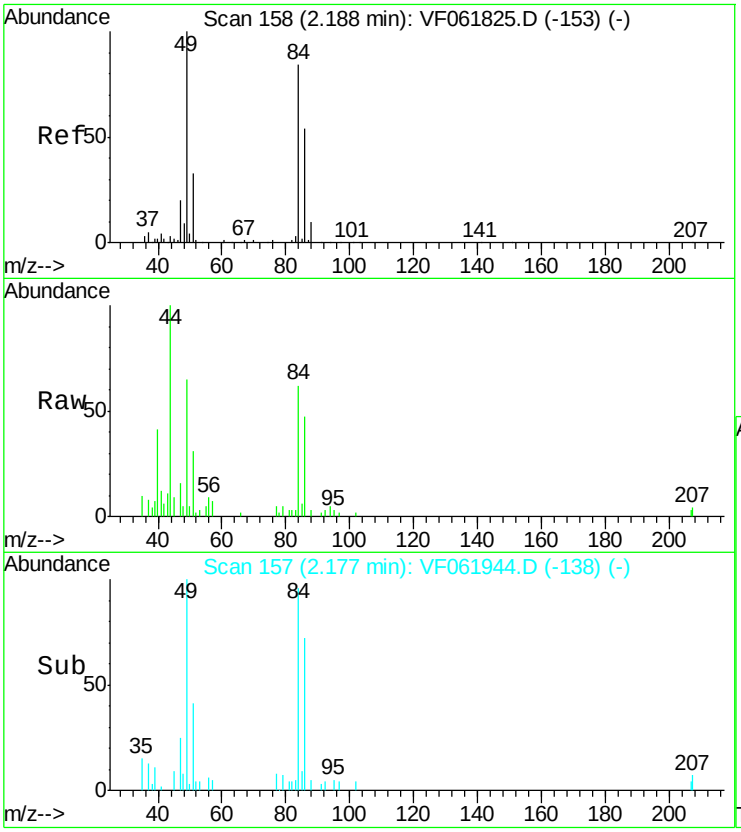


#16
Acetone
Concen: 43.522 ug/l
RT: 2.24 min Scan# 163
Delta R.T. -0.00 min
Lab File: VF061944.D
Acq: 14 Mar 2019 17:51

Tgt Ion: 43 Resp: 18485

Ion	Ratio	Lower	Upper
43	100		
58	24.2	20.3	30.5



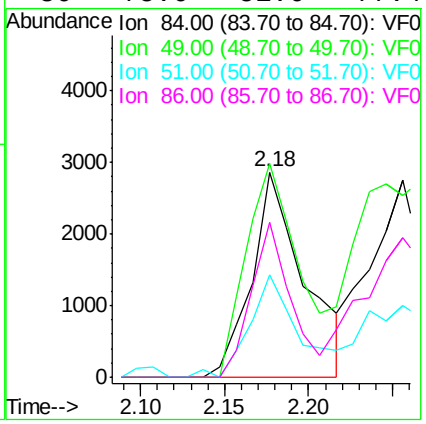


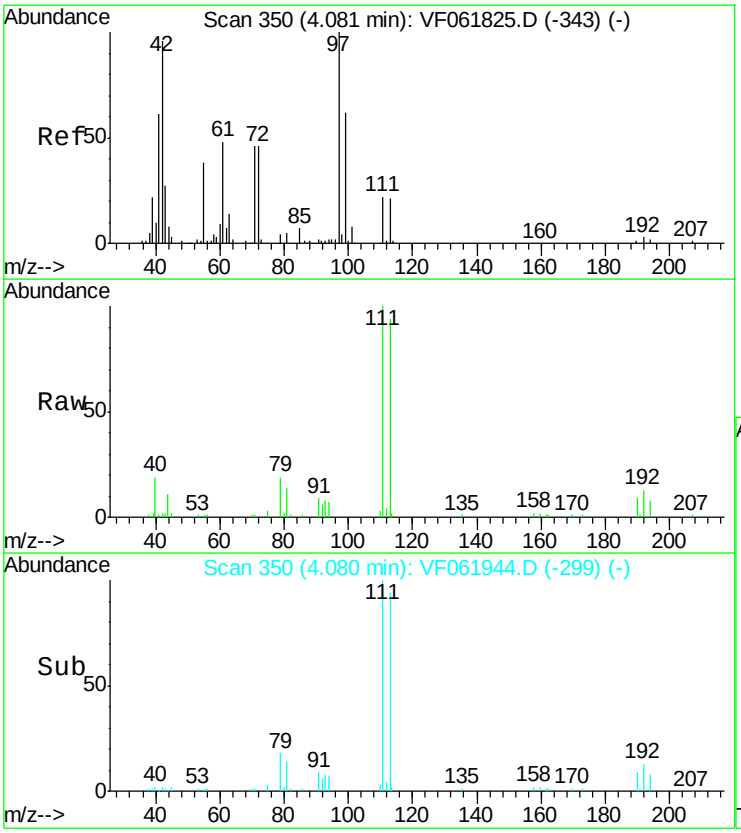
#20
Methylene Chloride
Concen: Below Cal
RT: 2.18 min Scan# 157
Delta R.T. -0.01 min
Lab File: VF061944.D
Acq: 14 Mar 2019 17:51

Instrument : MSVOA_F
ClientSampleId : RBR-200052

Tgt Ion: 84 Resp: 6175

Ion	Ratio	Lower	Upper
84	100		
49	104.3	96.8	145.2
51	54.0	31.8	47.6#
86	75.6	51.6	77.4

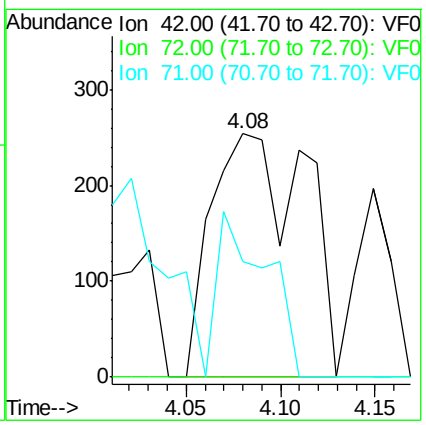


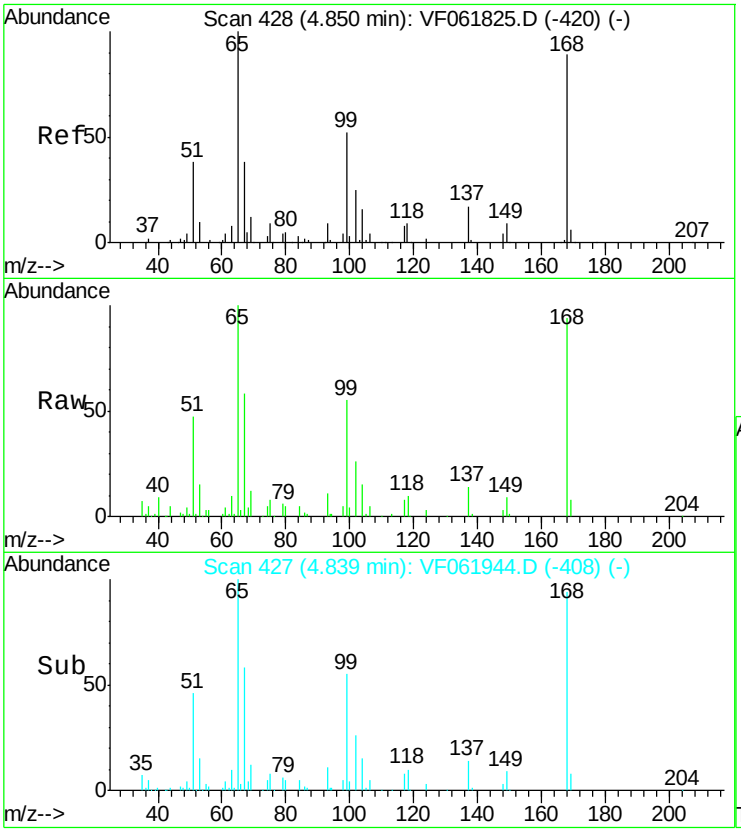


#29
Tetrahydrofuran
Concen: 2.346 ug/l
RT: 4.08 min Scan# 350
Delta R.T. -0.00 min
Lab File: VF061944.D
Acq: 14 Mar 2019 17:51

Tgt Ion: 42 Resp: 874

Ion	Ratio	Lower	Upper
42	100		
72	0.0	34.4	51.6#
71	35.8	34.6	52.0



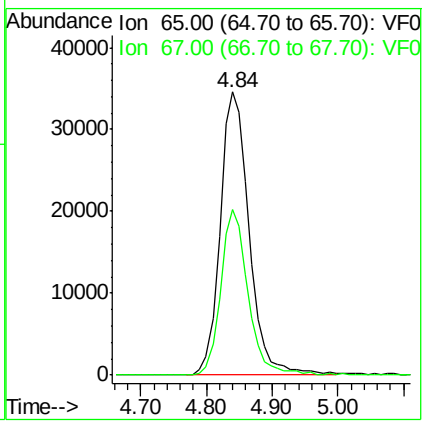


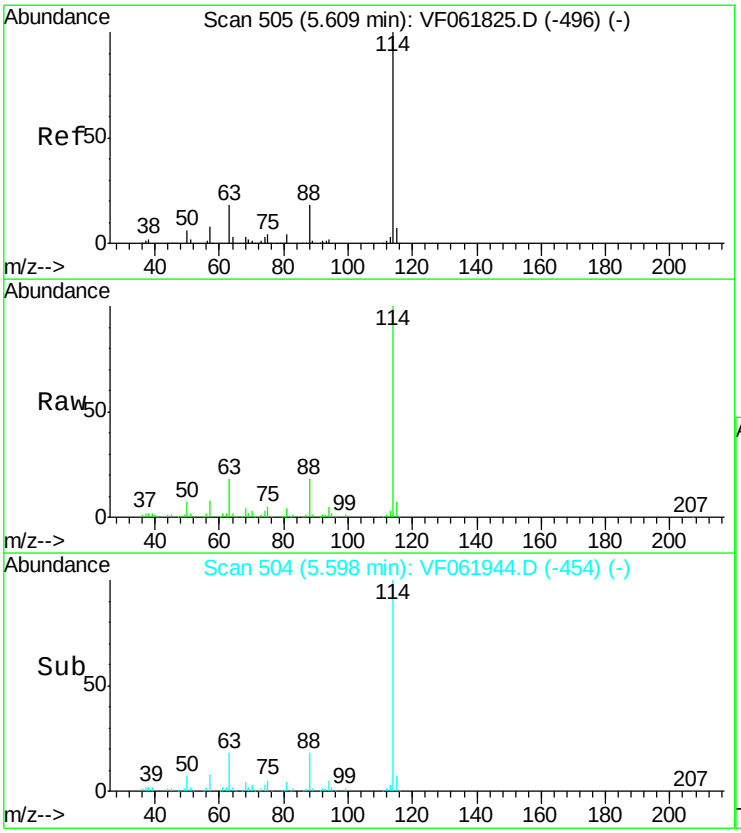
#33
1,2-Dichloroethane-d4
Concen: 52.400 ug/l
RT: 4.84 min Scan# 427
Delta R.T. -0.01 min
Lab File: VF061944.D
Acq: 14 Mar 2019 17:51

Instrument : MSVOA_F
ClientSampleId : RBR-200052

Tgt Ion: 65 Resp: 106248

Ion	Ratio	Lower	Upper
65	100		
67	58.4	0.0	108.6

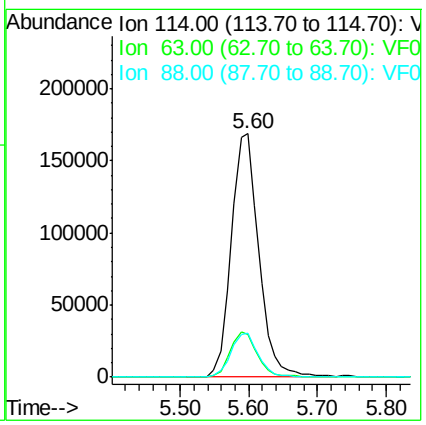


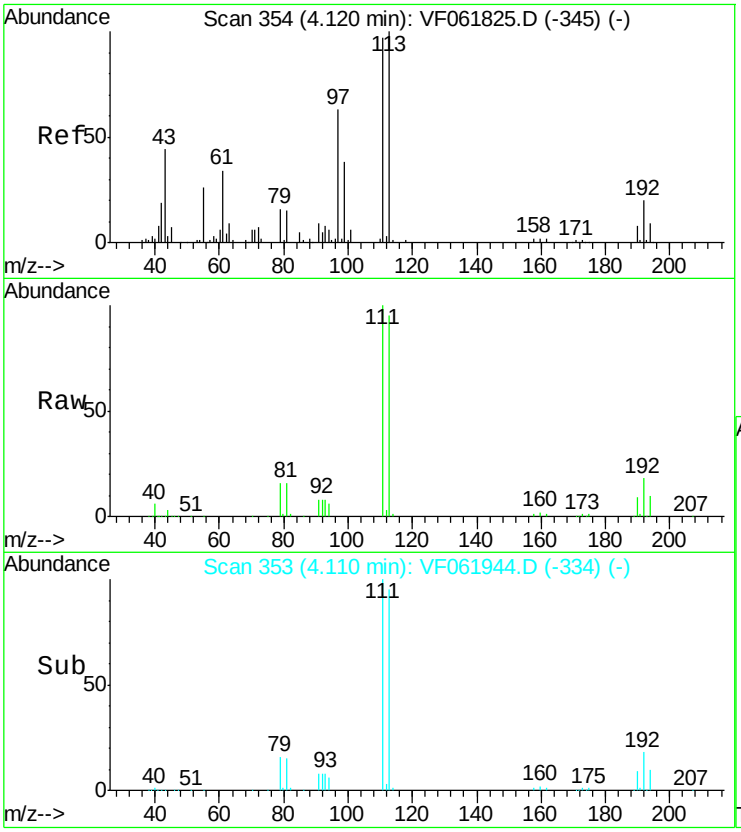


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.60 min Scan# 504
Delta R.T. -0.01 min
Lab File: VF061944.D
Acq: 14 Mar 2019 17:51

Tgt Ion:114 Resp: 467836

Ion	Ratio	Lower	Upper
114	100		
63	17.7	0.0	35.6
88	18.3	0.0	35.6



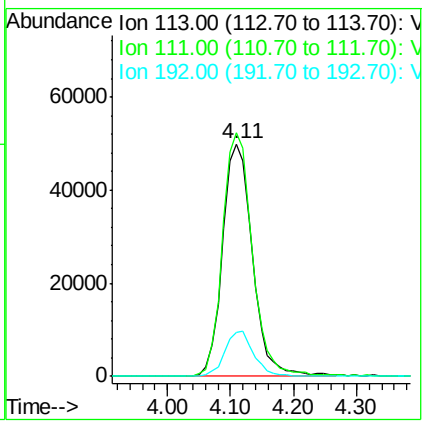


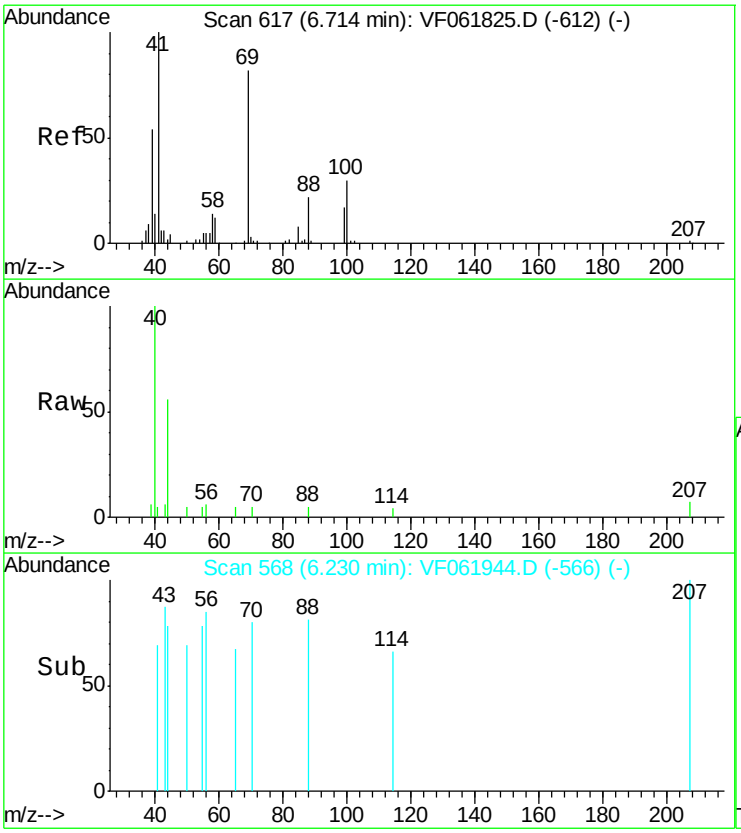
#35
Dibromofluoromethane
Concen: 50.070 ug/l
RT: 4.11 min Scan# 353
Delta R.T. -0.01 min
Lab File: VF061944.D
Acq: 14 Mar 2019 17:51

Instrument :
MSVOA_F
ClientSampleId :
RBR-200052

Tgt Ion:113 Resp: 163472

Ion	Ratio	Lower	Upper
113	100		
111	104.9	77.6	116.4
192	18.7	15.9	23.9

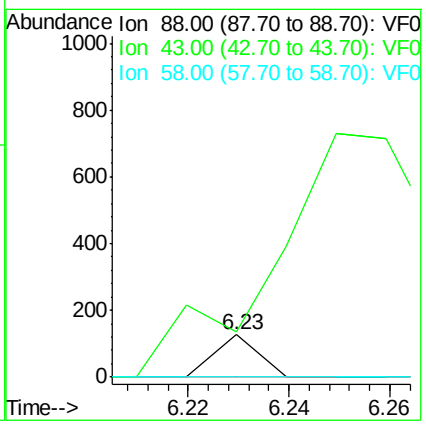


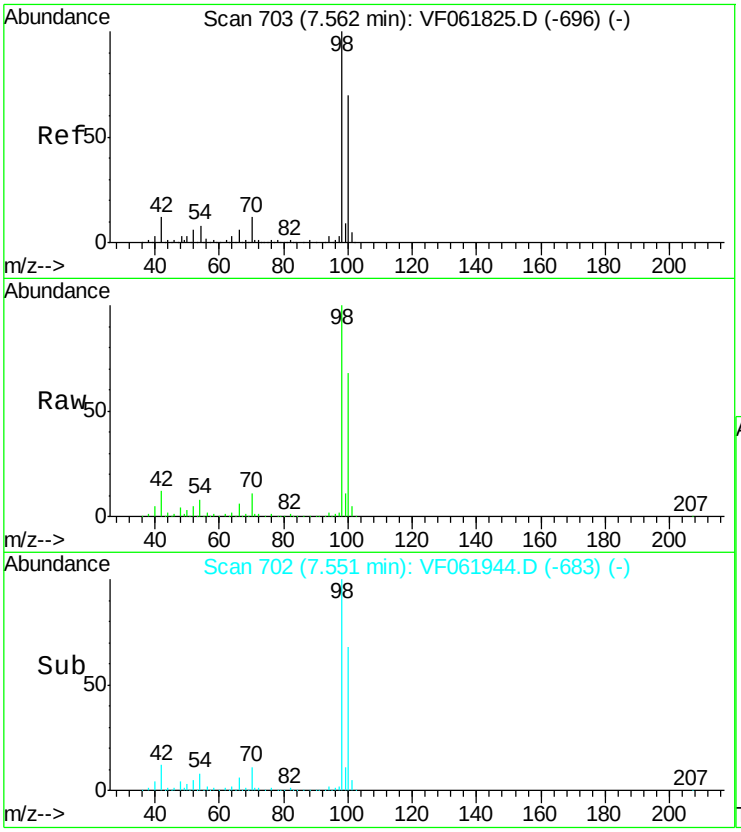


#49
1,4-Dioxane
Concen: 5.670 ug/l
RT: 6.23 min Scan# 568
Delta R.T. -0.48 min
Lab File: VF061944.D
Acq: 14 Mar 2019 17:51

Tgt Ion: 88 Resp: 75

Ion	Ratio	Lower	Upper
88	100		
43	107.9	28.4	42.6#
58	0.0	50.7	76.1#



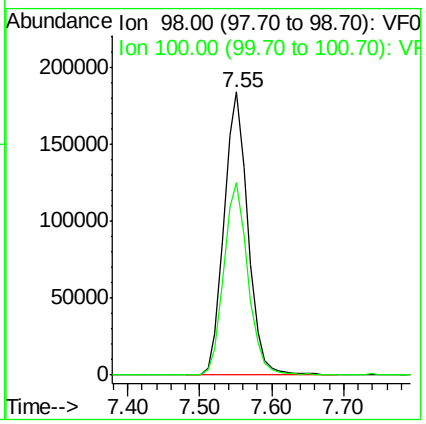


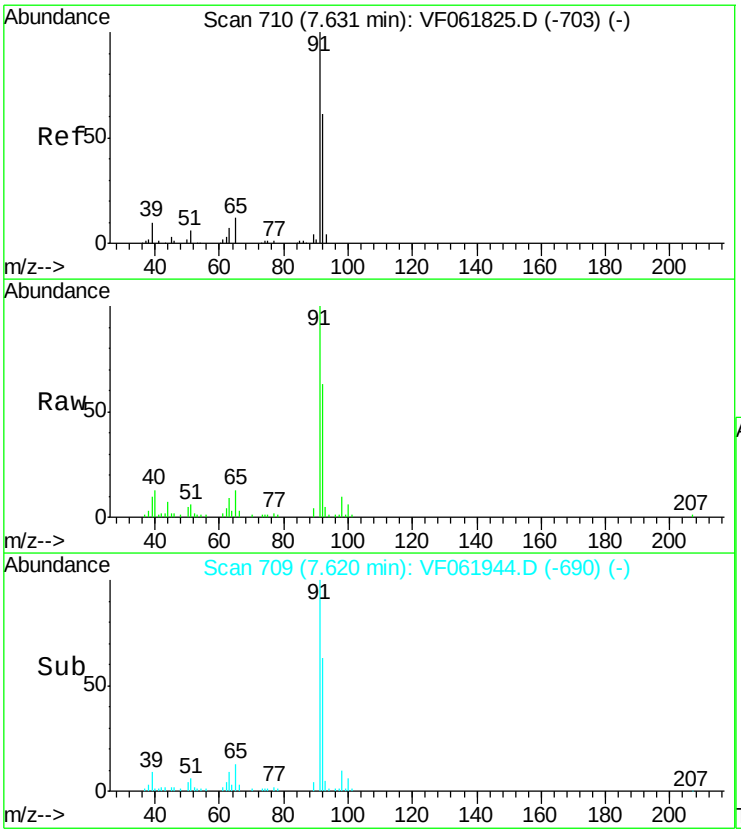
#50
Toluene-d8
Concen: 43.898 ug/l
RT: 7.55 min Scan# 702
Delta R.T. -0.01 min
Lab File: VF061944.D
Acq: 14 Mar 2019 17:51

Instrument :
MSVOA_F
ClientSampleId :
RBR-200052

Tgt Ion: 98 Resp: 425998

Ion	Ratio	Lower	Upper
98	100		
100	68.2	56.0	84.0

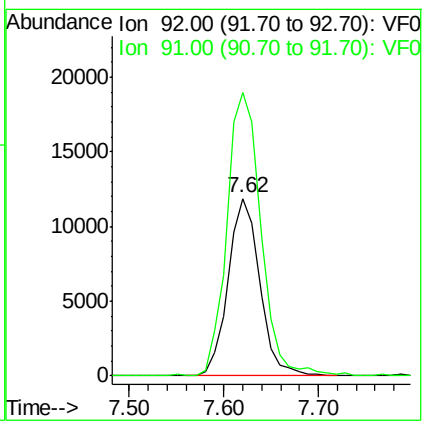


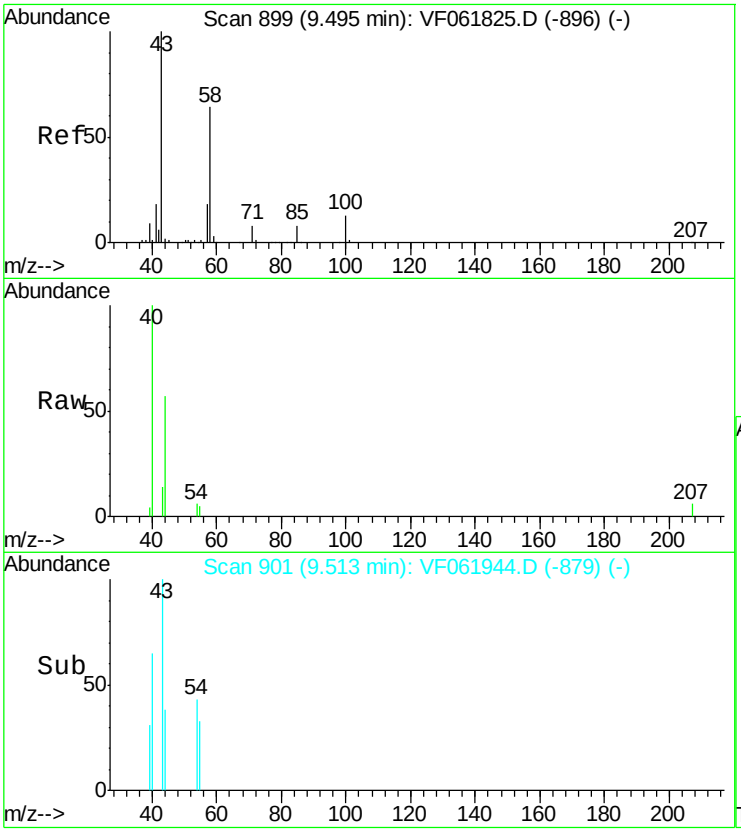


#52
Toluene
Concen: 4.019 ug/l
RT: 7.62 min Scan# 709
Delta R.T. -0.01 min
Lab File: VF061944.D
Acq: 14 Mar 2019 17:51

Tgt Ion: 92 Resp: 27466

Ion	Ratio	Lower	Upper
92	100		
91	159.7	132.0	198.0



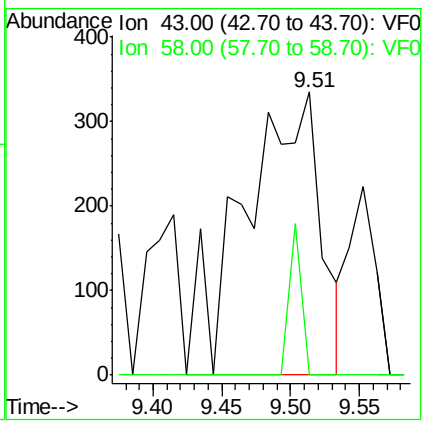


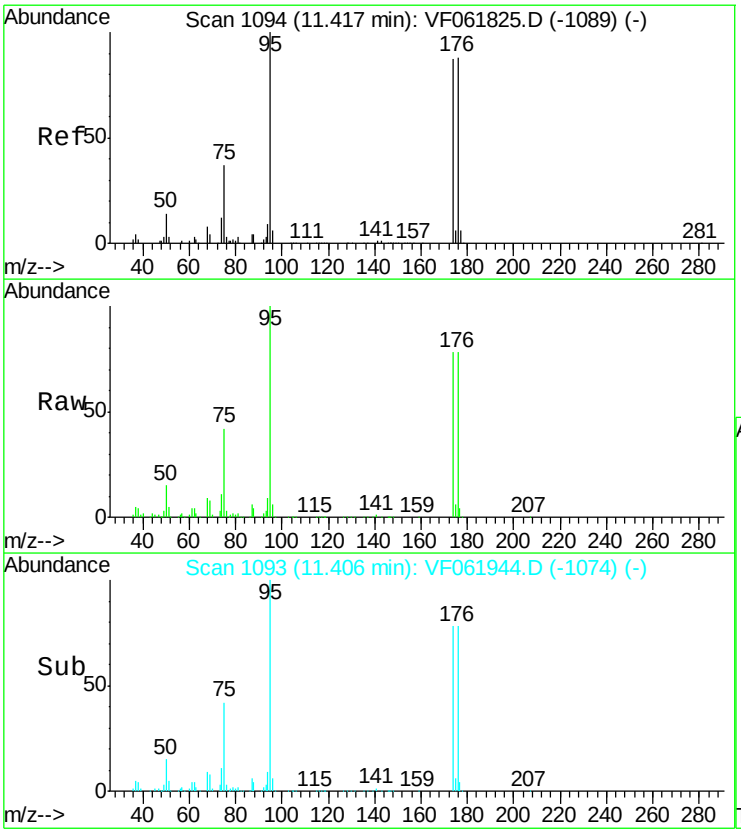
#59
2-Hexanone
Concen: 1.143 ug/l
RT: 9.51 min Scan# 901
Delta R.T. 0.02 min
Lab File: VF061944.D
Acq: 14 Mar 2019 17:51

Instrument : MSVOA_F
ClientSampleId : RBR-200052

Tgt Ion: 43 Resp: 1303

Ion	Ratio	Lower	Upper
43	100		
58	0.0	28.8	86.4#

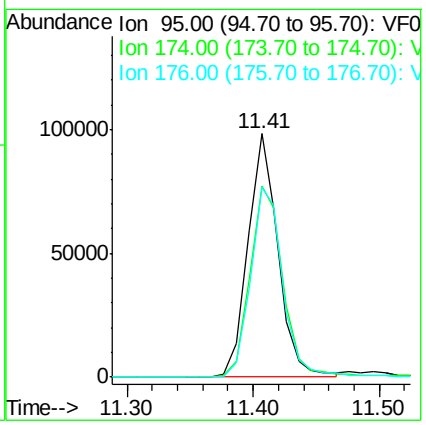


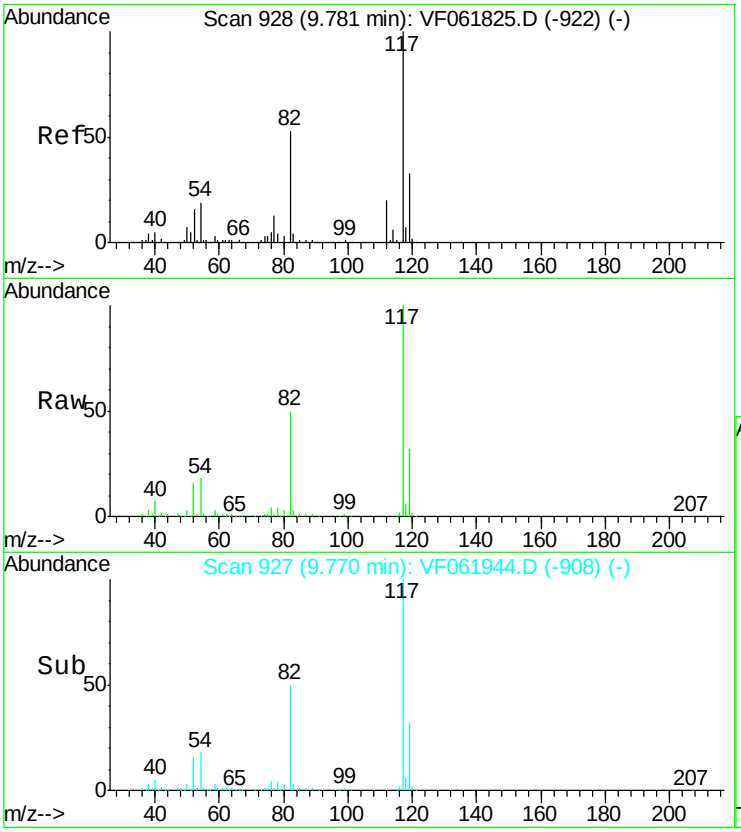


#62
4-Bromofluorobenzene
Concen: 43.015 ug/l
RT: 11.41 min Scan# 1093
Delta R.T. -0.01 min
Lab File: VF061944.D
Acq: 14 Mar 2019 17:51

Tgt Ion: 95 Resp: 163516

Ion	Ratio	Lower	Upper
95	100		
174	78.4	0.0	174.0
176	77.8	0.0	175.2



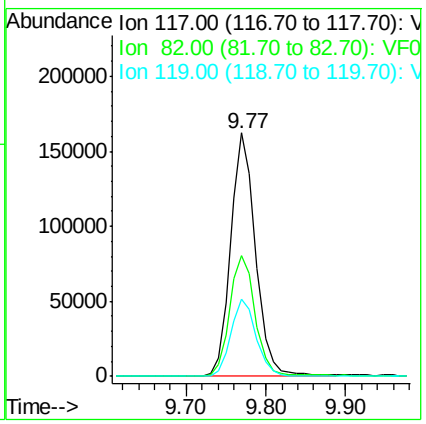


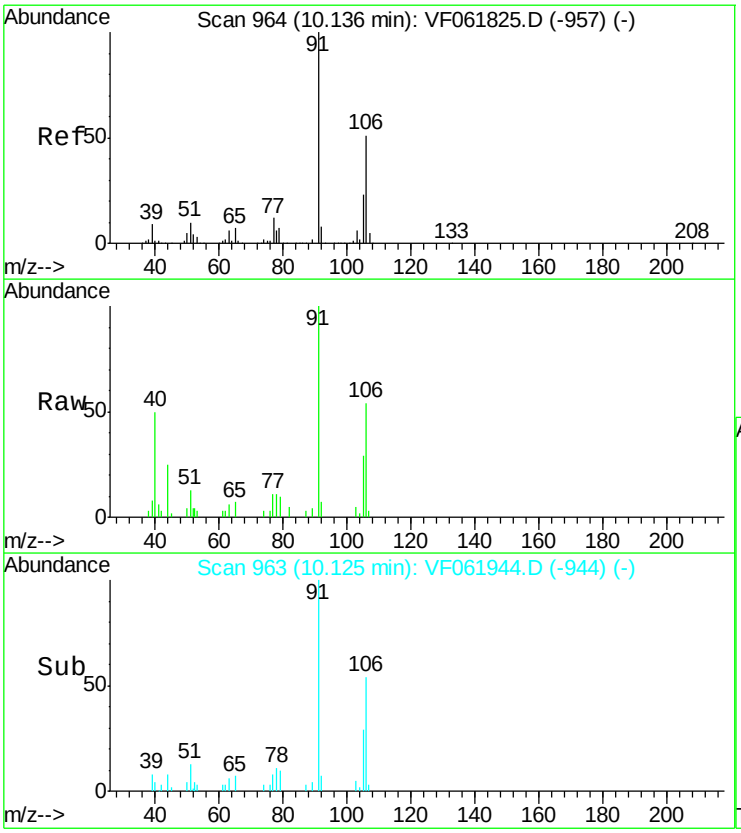
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.77 min Scan# 927
Delta R.T. -0.01 min
Lab File: VF061944.D
Acq: 14 Mar 2019 17:51

Instrument : MSVOA_F
ClientSampleId : RBR-200052

Tgt Ion:117 Resp: 355502

Ion	Ratio	Lower	Upper
117	100		
82	49.7	42.6	63.8
119	31.8	26.0	39.0

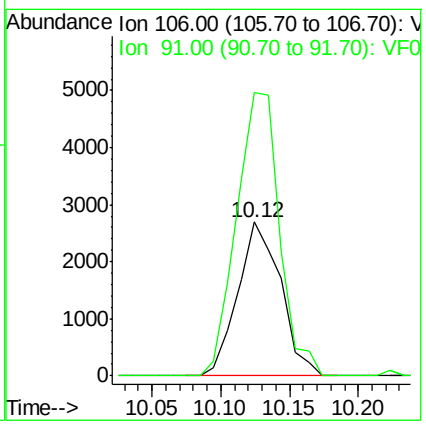


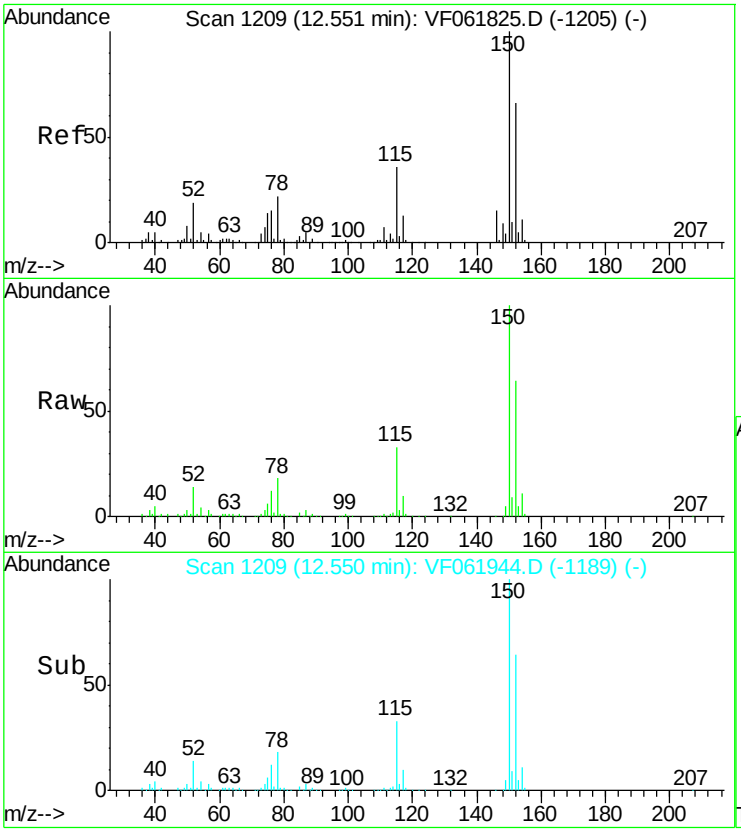


#68
m/p-Xylenes
Concen: 1.349 ug/l
RT: 10.12 min Scan# 963
Delta R.T. -0.01 min
Lab File: VF061944.D
Acq: 14 Mar 2019 17:51

Tgt Ion:106 Resp: 5850

Ion	Ratio	Lower	Upper
106	100		
91	183.9	157.5	236.3



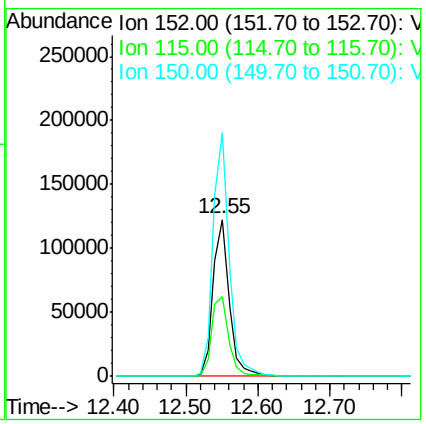


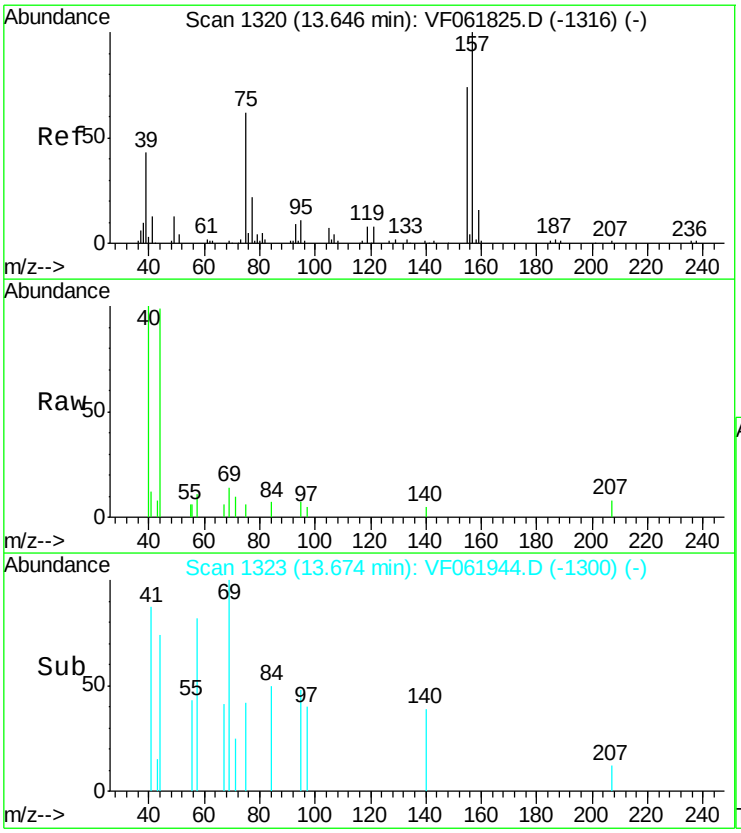
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.55 min Scan# 1209
Delta R.T. -0.00 min
Lab File: VF061944.D
Acq: 14 Mar 2019 17:51

Instrument : MSVOA_F
ClientSampleId : RBR-200052

Tgt Ion:152 Resp: 187808

Ion	Ratio	Lower	Upper
152	100		
115	50.8	27.7	83.1
150	155.2	0.0	304.2





#92
1,2-Dibromo-3-Chloropropane
Concen: 3.933 ug/l
RT: 13.67 min Scan# 1323
Delta R.T. 0.03 min
Lab File: VF061944.D
Acq: 14 Mar 2019 17:51

Tgt Ion: 75 Resp: 67

Ion	Ratio	Lower	Upper
75	100		
155	0.0	59.8	179.4#
157	0.0	81.2	243.4#