Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF051519\
Data File : VF062604.D
Acq On : 15 May 2019 12:56
Operator : FY/SY
Sample : VF0515SBL01
Misc : 5.00g/5mL/MSVOA_F/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId : VF0515SBL01

Quant Time: May 15 13:17:58 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F051419S.M
Quant Title : SW846 8260
QLast Update : Wed May 15 05:06:28 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.08	168	685527	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.80	114	1145952	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.93	117	869996	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.63	152	389315	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.06	65	244072	47.13	ug/l	0.00
Spiked Amount 50.000			Recovery = 94.26%			
35) Dibromofluoromethane	4.33	113	433348	50.81	ug/l	0.00
Spiked Amount 50.000			Recovery = 101.62%			
50) Toluene-d8	7.73	98	942912	46.92	ug/l	0.00
Spiked Amount 50.000			Recovery = 93.84%			
62) 4-Bromofluorobenzene	11.50	95	347303	49.48	ug/l	0.00
Spiked Amount 50.000			Recovery = 98.96%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.01	85	914	Below Cal		99
11) Tert butyl alcohol	2.68	59	1598	5.125	ug/l #	1
13) Acrolein	2.26	56	609	2.947	ug/l	84
15) Acrylonitrile	3.10	53	1590	1.426	ug/l #	30
16) Acetone	2.37	43	3709	3.529	ug/l	89
17) Carbon Disulfide	1.93	76	1040	Below Cal	#	1
18) Methyl Acetate	2.47	43	1073	Below Cal	#	64
20) Methylene Chloride	2.30	84	2133	Below Cal	#	62
29) Tetrahydrofuran	4.30	42	3126	3.109	ug/l #	86
49) 1,4-Dioxane	6.91	88	687	19.752	ug/l #	59
51) 4-Methyl-2-Pentanone	8.43	43	4967	1.406	ug/l #	64
59) 2-Hexanone	9.65	43	10366	4.442	ug/l	89

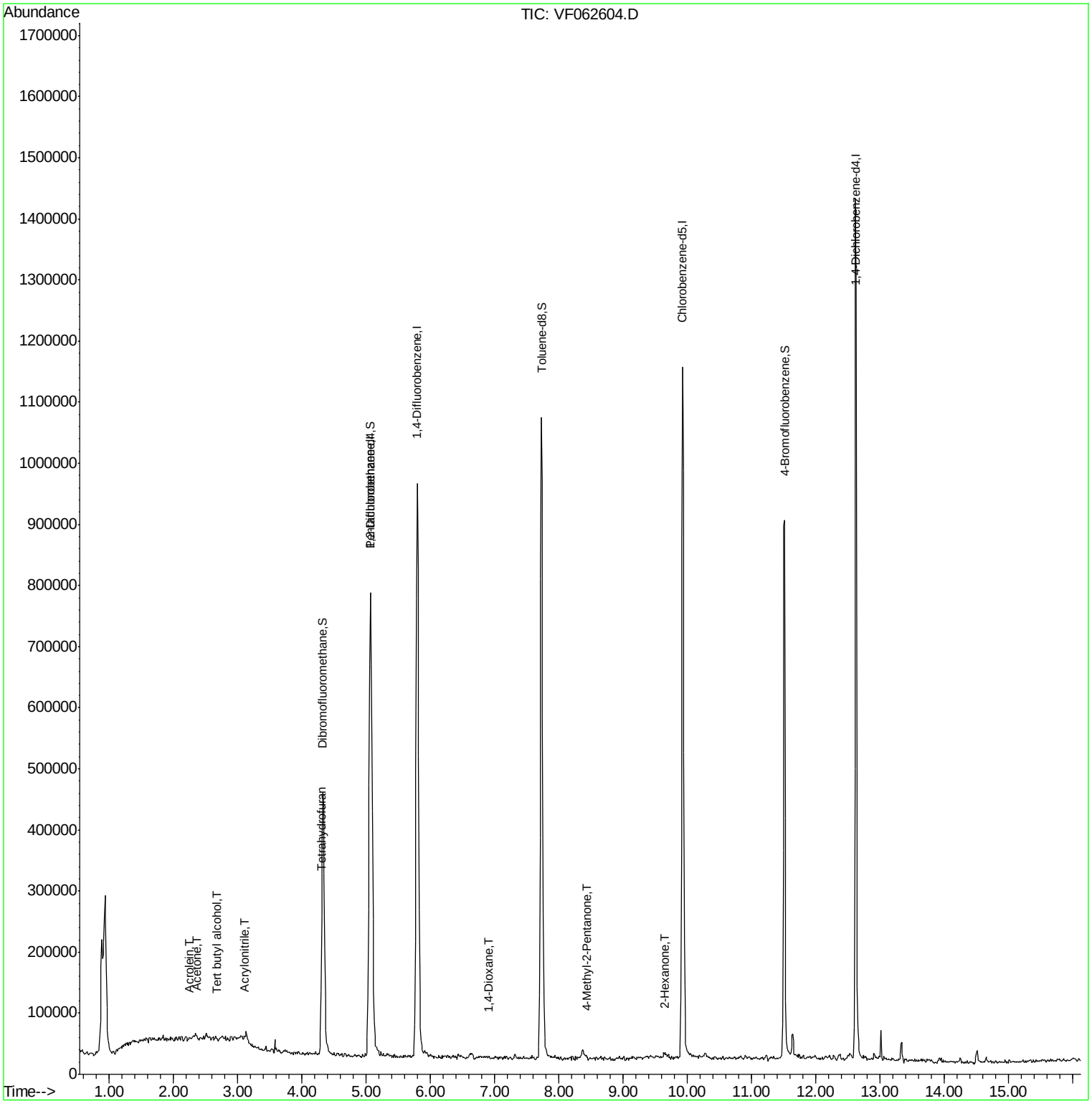
(#) = qualifier out of range (m) = manual integration (+) = signals summed

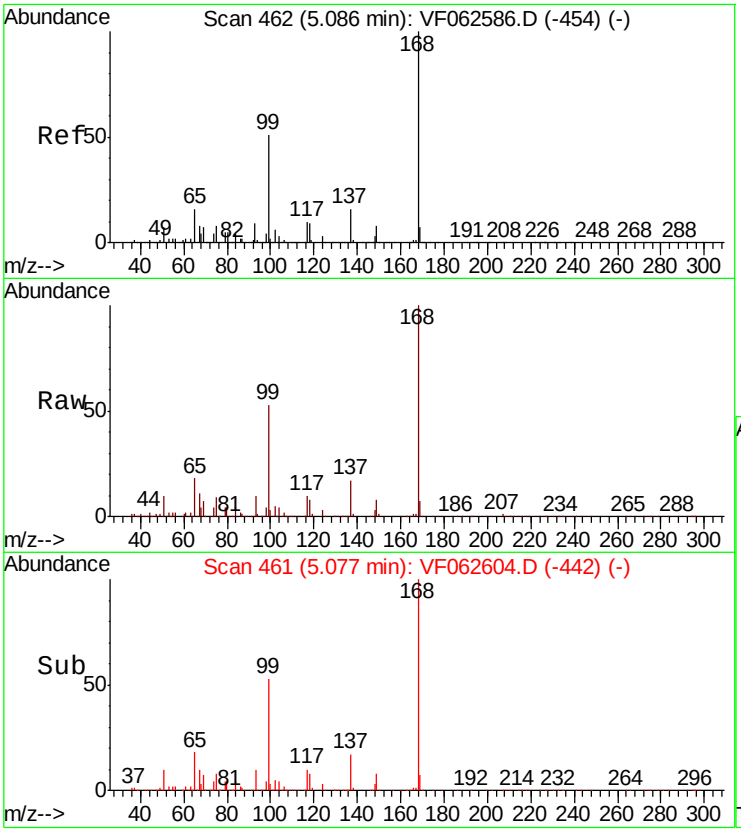
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF051519\
Data File : VF062604.D
Acq On : 15 May 2019 12:56
Operator : FY/SY
Sample : VF0515SBL01
Misc : 5.00g/5mL/MSVOA_F/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :
VF0515SBL01

Quant Time: May 15 13:17:58 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F051419S.M
Quant Title : SW846 8260
QLast Update : Wed May 15 05:06:28 2019
Response via : Initial Calibration



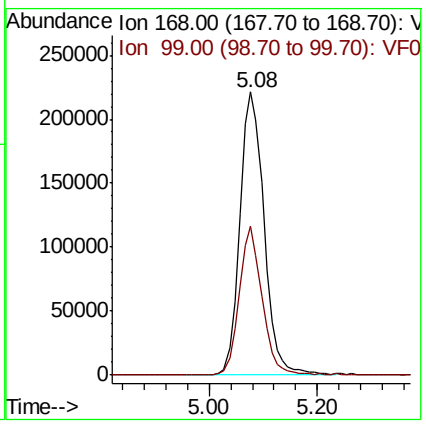


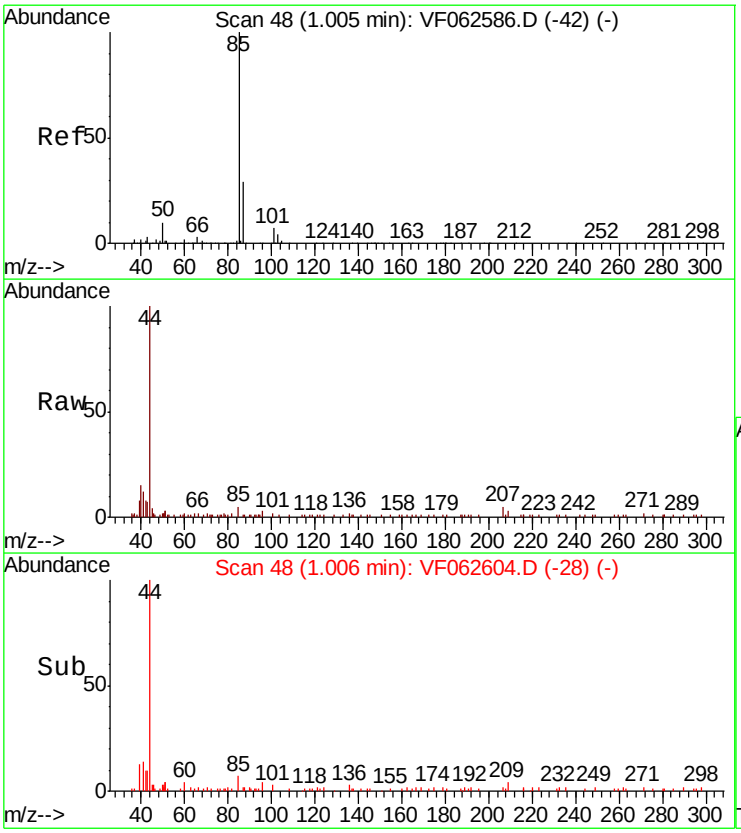
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.08 min Scan# 461
Delta R.T. -0.01 min
Lab File: VF062604.D
Acq: 15 May 2019 12:56

Instrument : MSVOA_F
ClientSampleId : VF0515SBL01

Tgt Ion:168 Resp: 685527

Ion	Ratio	Lower	Upper
168	100		
99	52.8	41.0	61.6

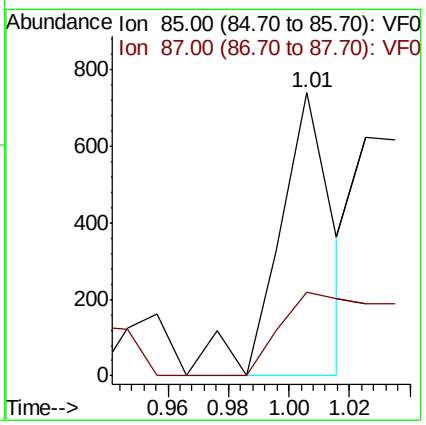


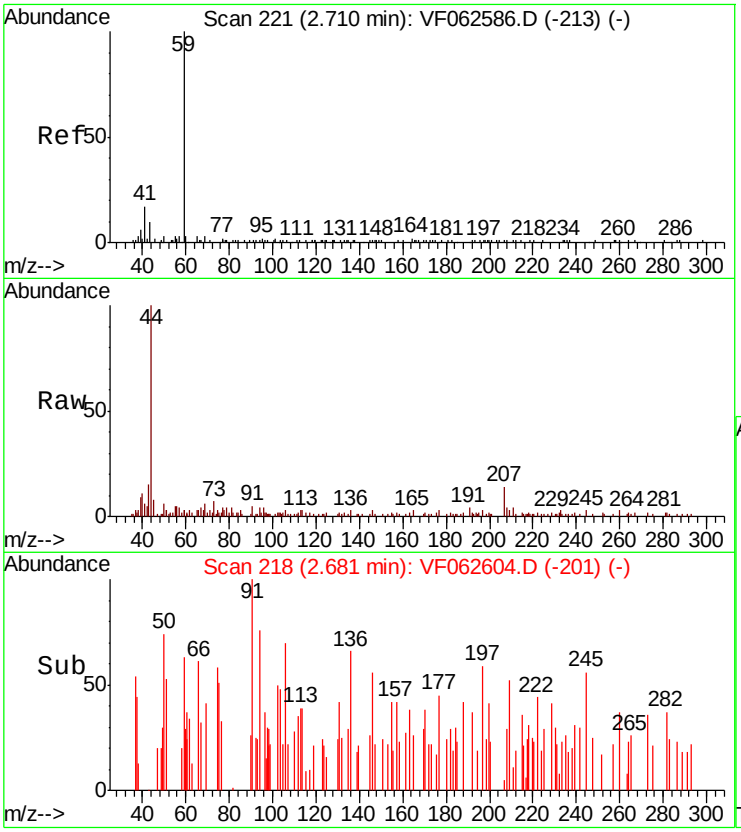


#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.01 min Scan# 48
Delta R.T. 0.00 min
Lab File: VF062604.D
Acq: 15 May 2019 12:56

Tgt Ion: 85 Resp: 914

Ion	Ratio	Lower	Upper
85	100		
87	29.6	14.6	43.8



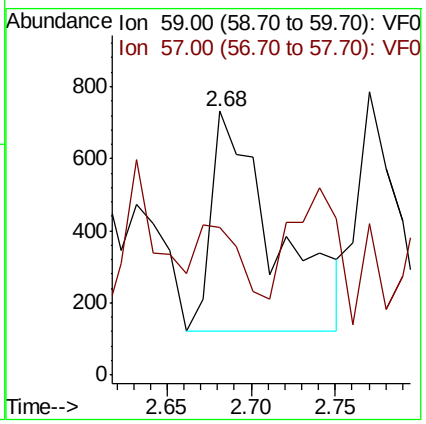


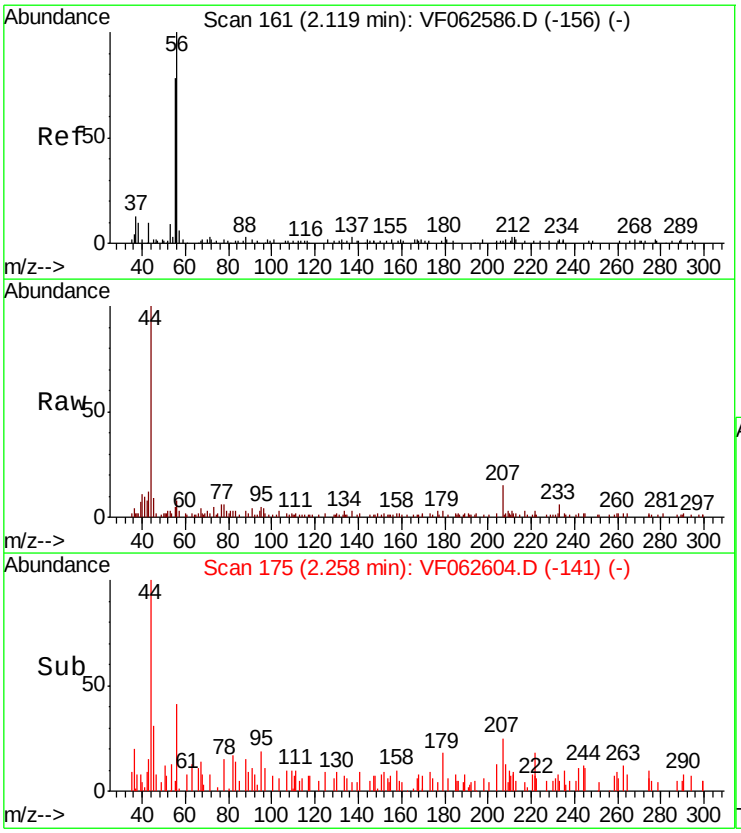
#11
Tert butyl alcohol
Concen: 5.125 ug/l
RT: 2.68 min Scan# 218
Delta R.T. -0.03 min
Lab File: VF062604.D
Acq: 15 May 2019 12:56

Instrument :
MSVOA_F
ClientSampleId :
VF0515SBL01

Tgt Ion: 59 Resp: 1598

Ion	Ratio	Lower	Upper
59	100		
57	56.2	8.0	12.0#

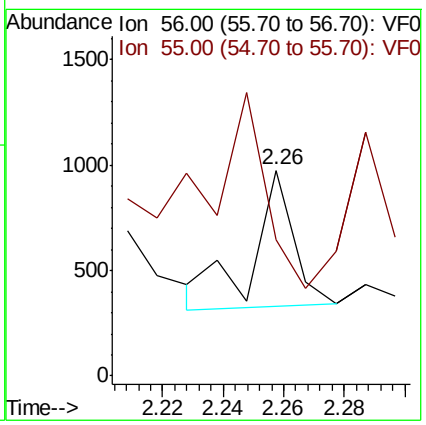


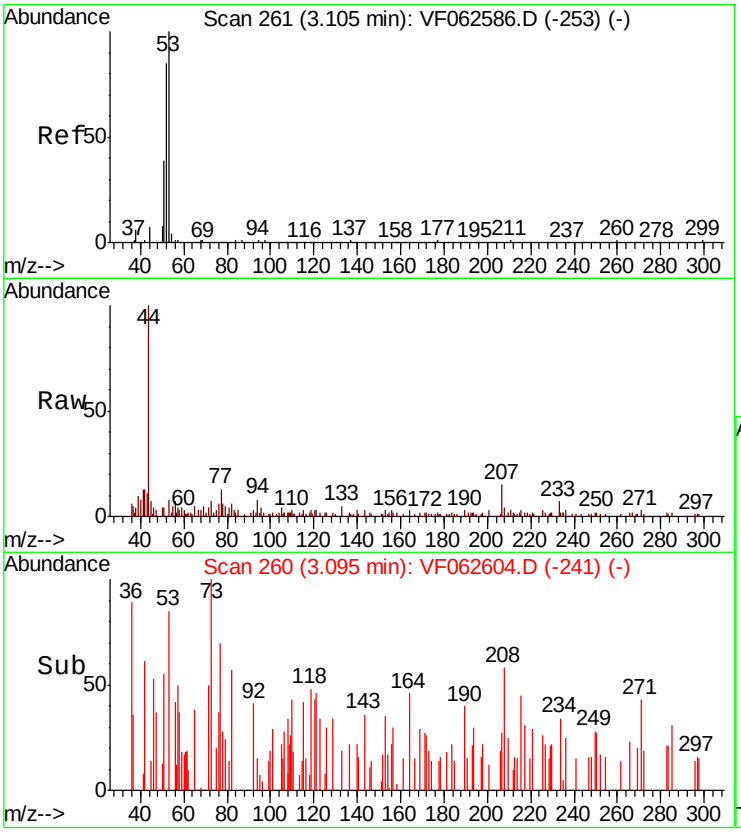


#13
Acrolein
Concen: 2.947 ug/l
RT: 2.26 min Scan# 175
Delta R.T. 0.14 min
Lab File: VF062604.D
Acq: 15 May 2019 12:56

Tgt Ion: 56 Resp: 609

Ion	Ratio	Lower	Upper
56	100		
55	66.1	64.6	96.8



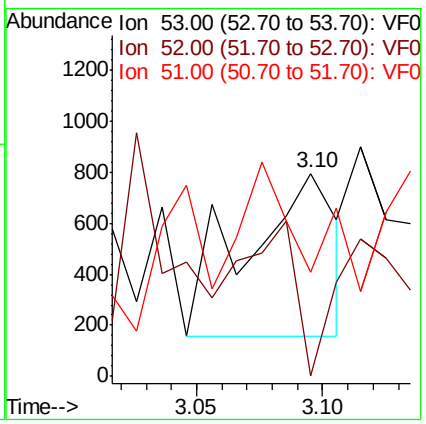


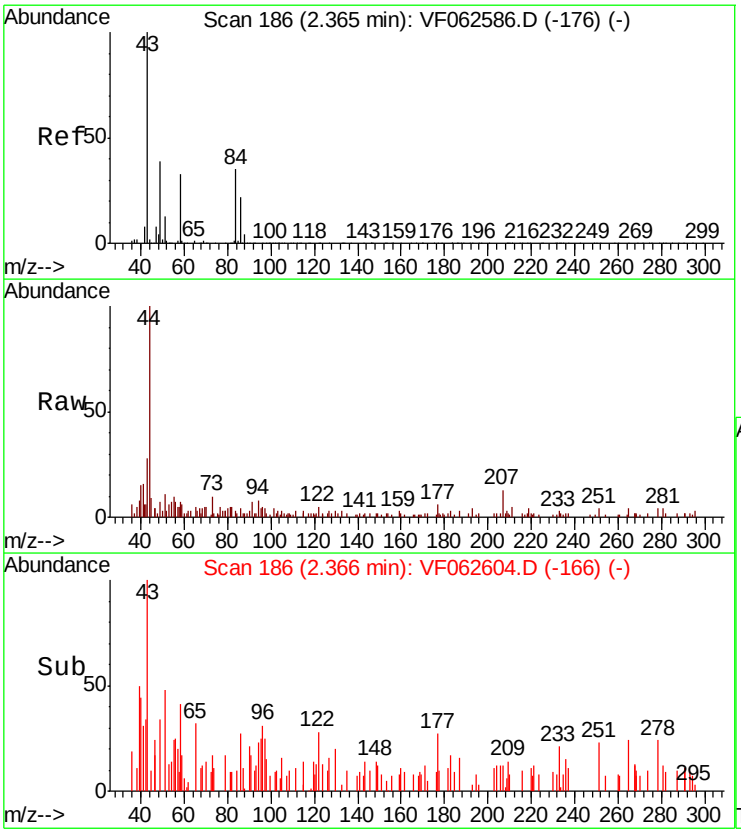
#15
Acrylonitrile
Concen: 1.426 ug/l
RT: 3.10 min Scan# 260
Delta R.T. -0.01 min
Lab File: VF062604.D
Acq: 15 May 2019 12:56

Instrument :
MSVOA_F
ClientSampleId :
VF0515SBL01

Tgt Ion: 53 Resp: 1590

Ion	Ratio	Lower	Upper
53	100		
52	0.0	68.3	102.5#
51	51.1	31.5	47.3#

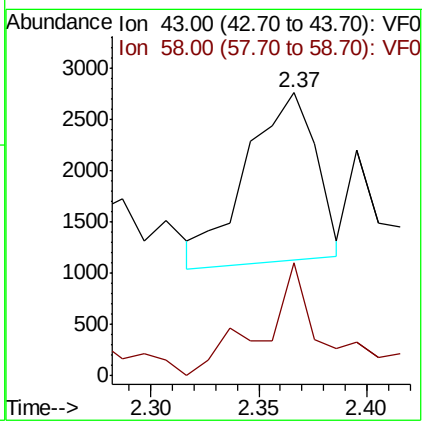


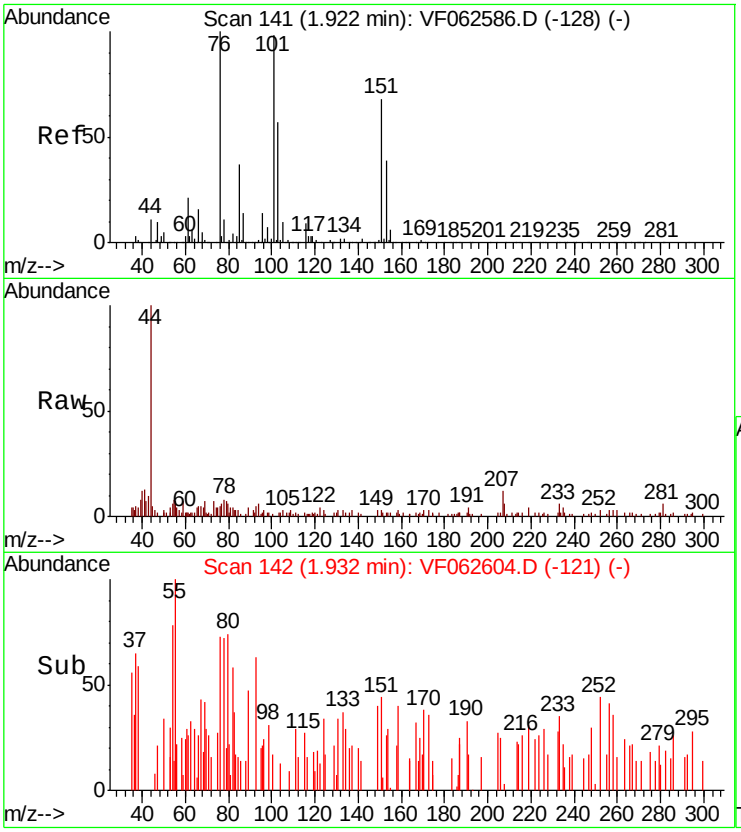


#16
Acetone
Concen: 3.529 ug/l
RT: 2.37 min Scan# 186
Delta R.T. 0.00 min
Lab File: VF062604.D
Acq: 15 May 2019 12:56

Tgt Ion: 43 Resp: 3709

Ion	Ratio	Lower	Upper
43	100		
58	39.7	26.7	40.1



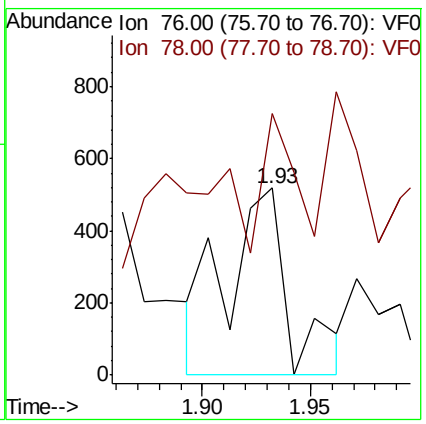


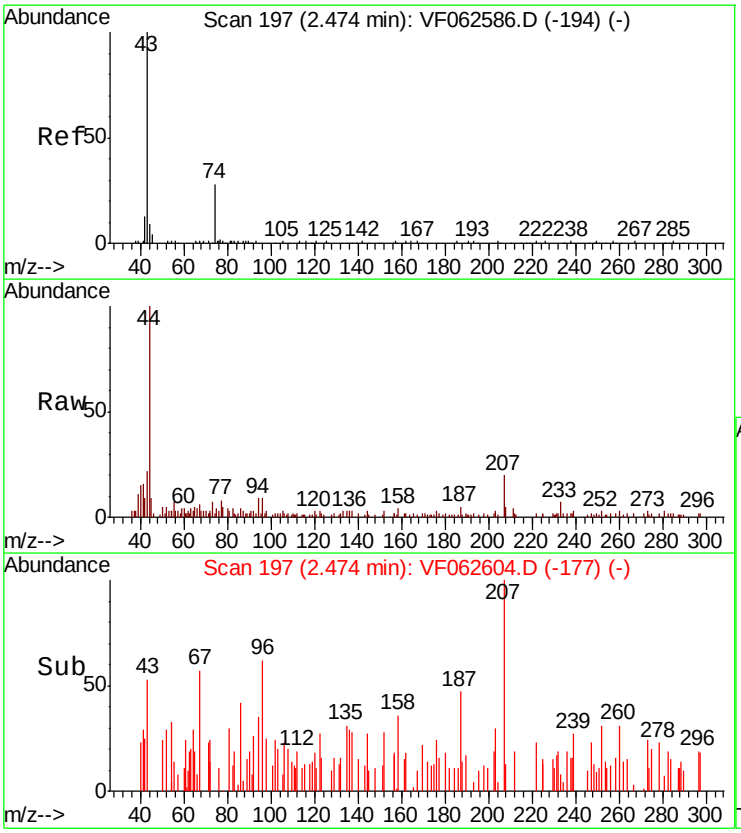
#17
Carbon Disulfide
Concen: Below Cal
RT: 1.93 min Scan# 142
Delta R.T. 0.01 min
Lab File: VF062604.D
Acq: 15 May 2019 12:56

Instrument :
MSVOA_F
ClientSampleId :
VF0515SBL01

Tgt Ion: 76 Resp: 1040

Ion	Ratio	Lower	Upper
76	100		
78	140.0	9.0	13.4#

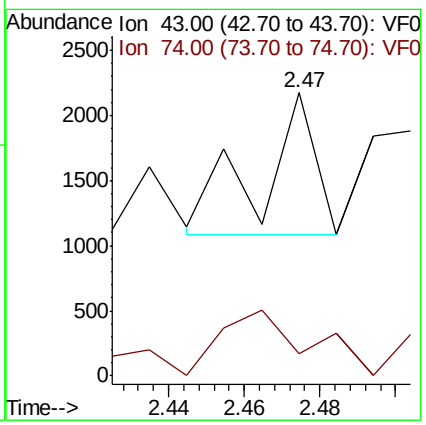


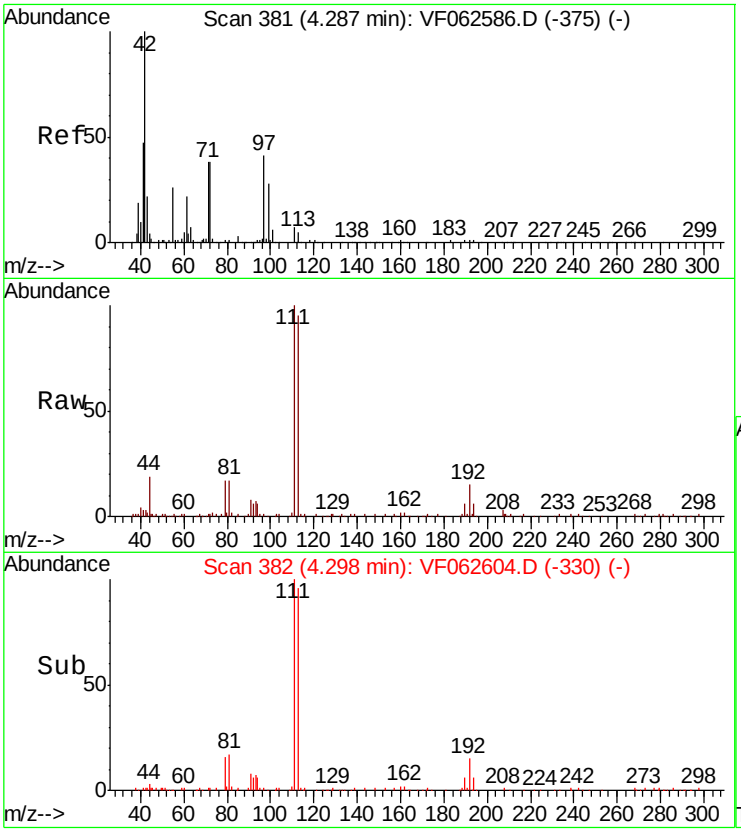


#18
Methyl Acetate
Concen: Below Cal
RT: 2.47 min Scan# 197
Delta R.T. 0.00 min
Lab File: VF062604.D
Acq: 15 May 2019 12:56

Tgt Ion: 43 Resp: 1073

Ion	Ratio	Lower	Upper
43	100		
74	8.0	21.4	32.0#



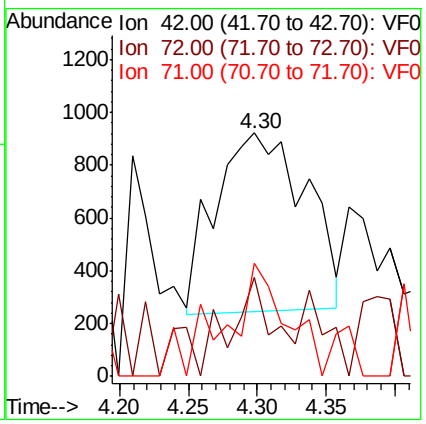


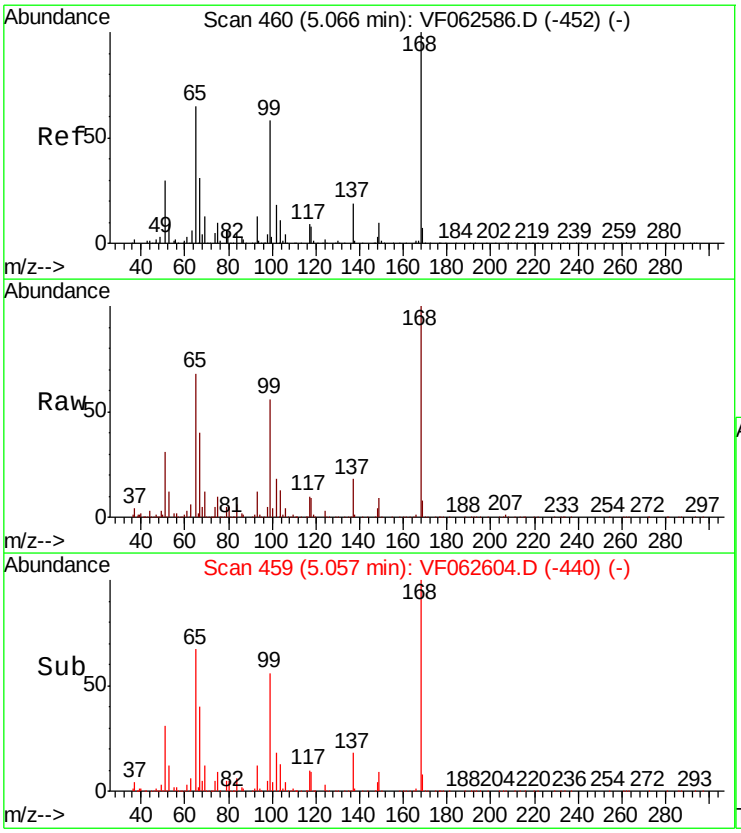
#29
Tetrahydrofuran
Concen: 3.109 ug/l
RT: 4.30 min Scan# 382
Delta R.T. 0.01 min
Lab File: VF062604.D
Acq: 15 May 2019 12:56

Instrument :
MSVOA_F
ClientSampleId :
VF0515SBL01

Tgt Ion: 42 Resp: 3126

Ion	Ratio	Lower	Upper
42	100		
72	27.2	34.0	51.0#
71	43.6	32.8	49.2

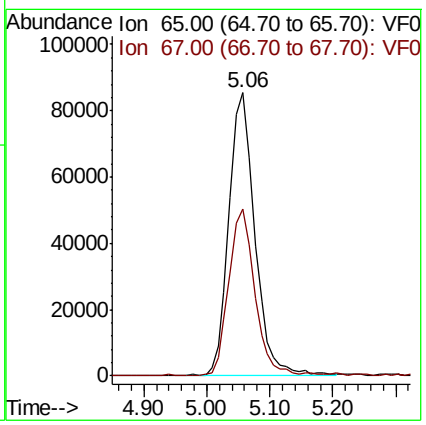


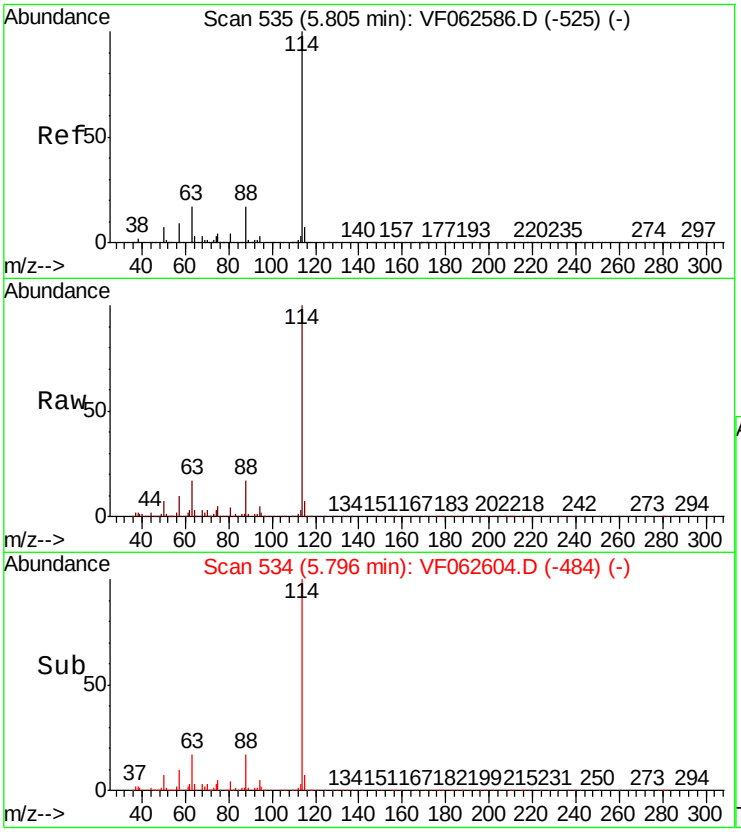


#33
1,2-Dichloroethane-d4
Concen: 47.129 ug/l
RT: 5.06 min Scan# 459
Delta R.T. -0.01 min
Lab File: VF062604.D
Acq: 15 May 2019 12:56

Tgt Ion: 65 Resp: 244072

Ion	Ratio	Lower	Upper
65	100		
67	59.2	0.0	116.6



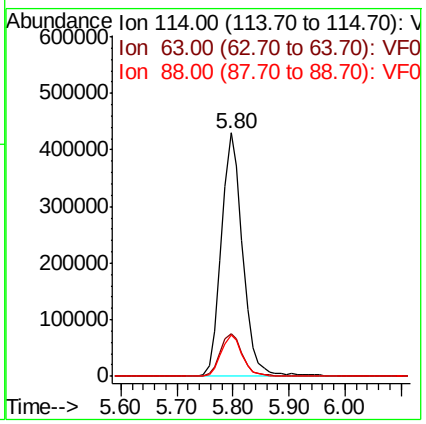


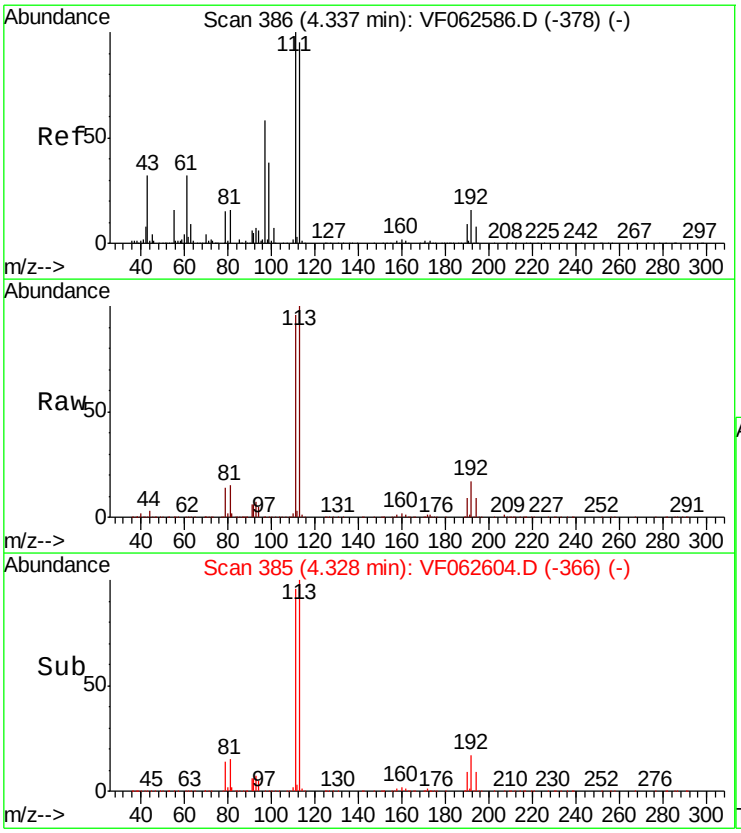
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.80 min Scan# 534
Delta R.T. -0.01 min
Lab File: VF062604.D
Acq: 15 May 2019 12:56

Instrument :
MSVOA_F
ClientSampleId :
VF0515SBL01

Tgt Ion:114 Resp: 1145952

Ion	Ratio	Lower	Upper
114	100		
63	17.4	0.0	34.6
88	16.9	0.0	33.6

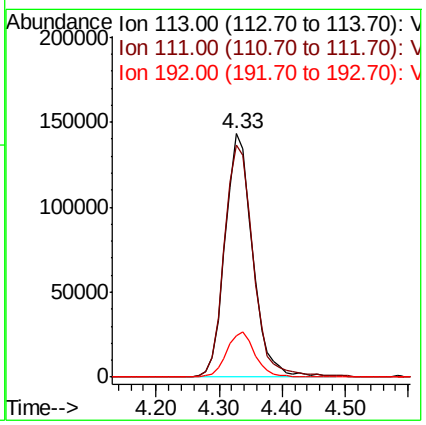


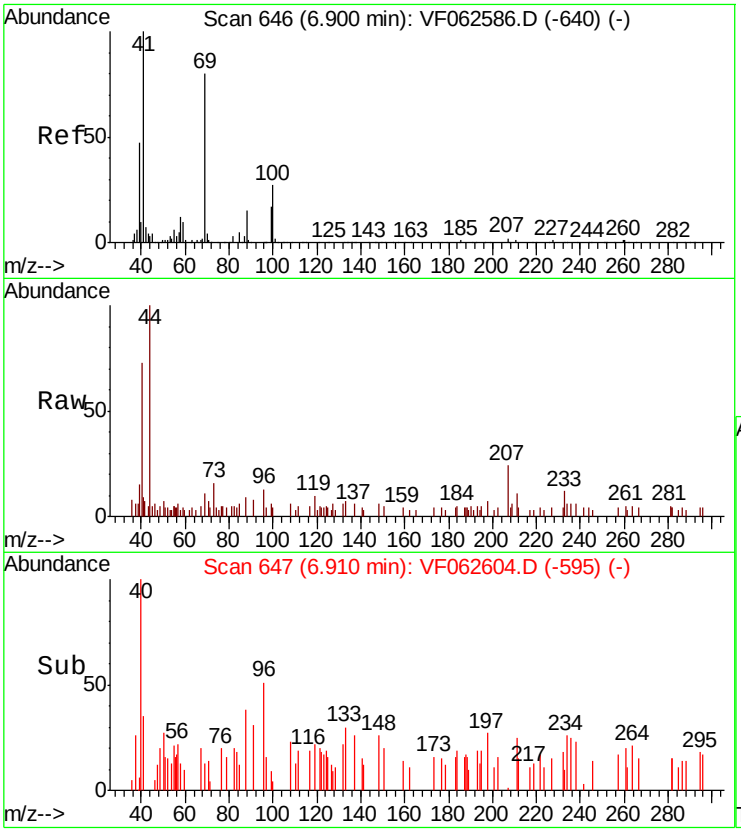


#35
Dibromofluoromethane
Concen: 50.808 ug/l
RT: 4.33 min Scan# 385
Delta R.T. -0.01 min
Lab File: VF062604.D
Acq: 15 May 2019 12:56

Tgt Ion:113 Resp: 433348

Ion	Ratio	Lower	Upper
113	100		
111	95.6	83.9	125.9
192	16.7	13.7	20.5



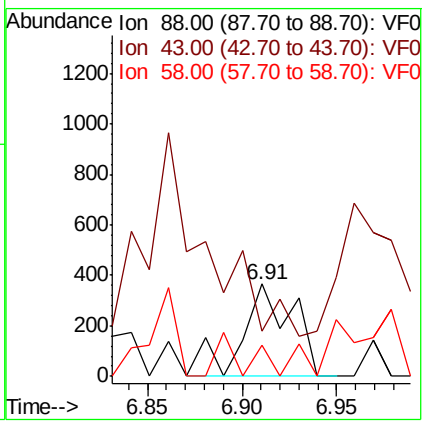


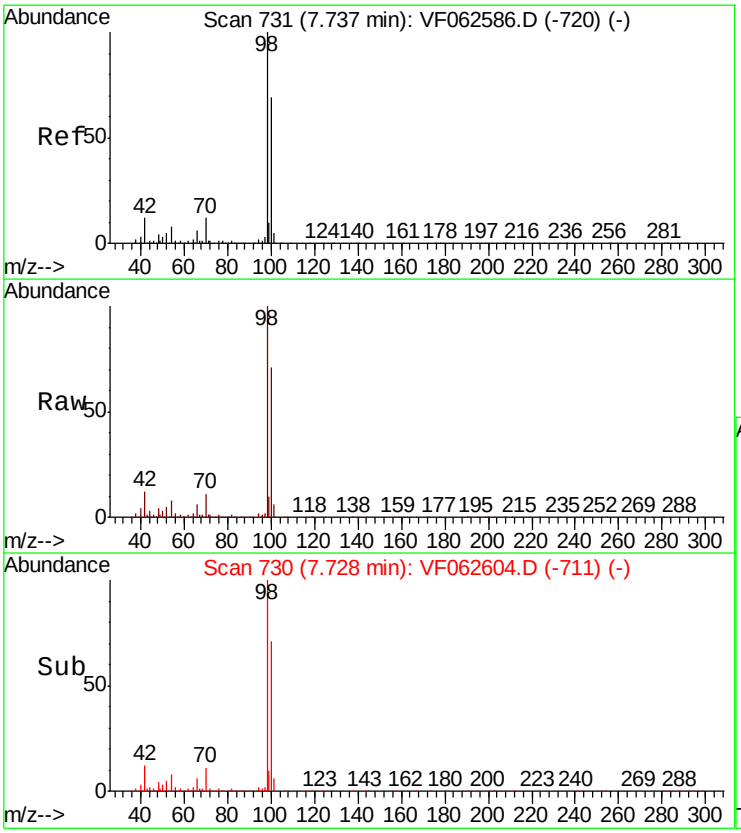
#49
1,4-Dioxane
Concen: 19.752 ug/l
RT: 6.91 min Scan# 647
Delta R.T. 0.01 min
Lab File: VF062604.D
Acq: 15 May 2019 12:56

Instrument :
MSVOA_F
ClientSampleId :
VF0515SBL01

Tgt Ion: 88 Resp: 687

Ion	Ratio	Lower	Upper
88	100		
43	49.2	28.8	43.2#
58	33.3	60.6	90.8#

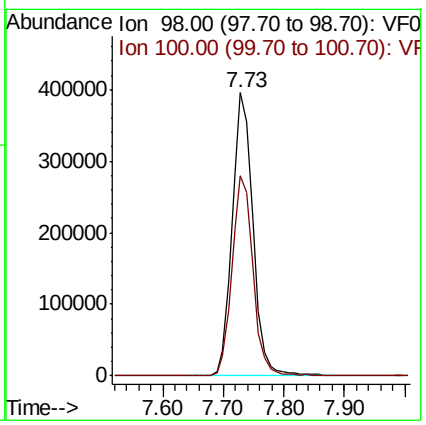


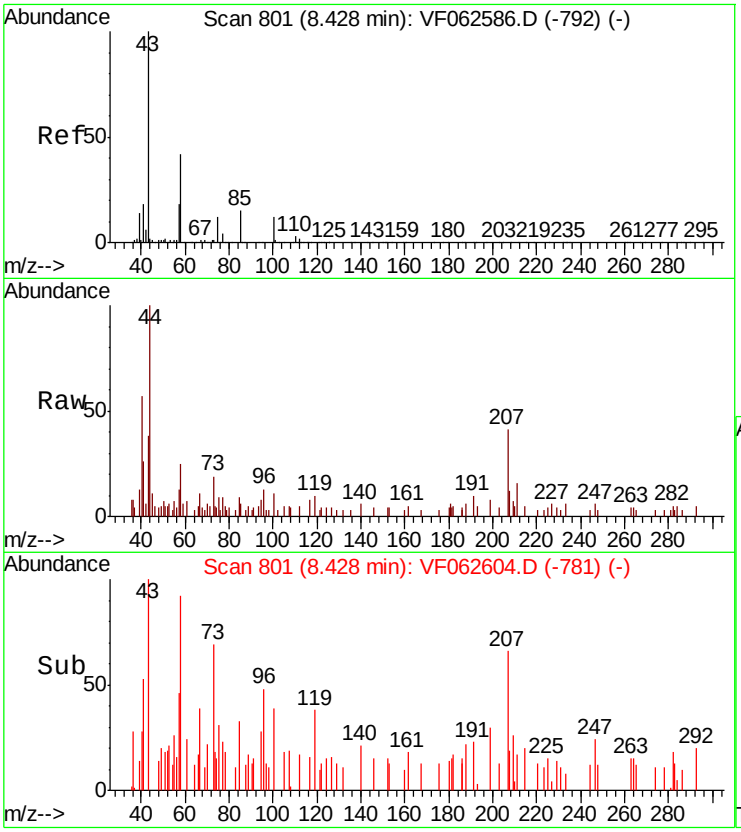


#50
Toluene-d8
Concen: 46.916 ug/l
RT: 7.73 min Scan# 730
Delta R.T. -0.01 min
Lab File: VF062604.D
Acq: 15 May 2019 12:56

Tgt Ion: 98 Resp: 942912

Ion	Ratio	Lower	Upper
98	100		
100	70.7	55.4	83.0



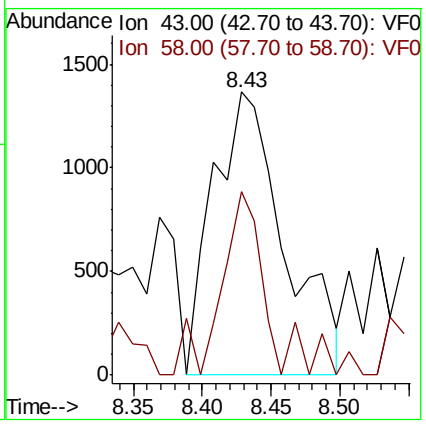


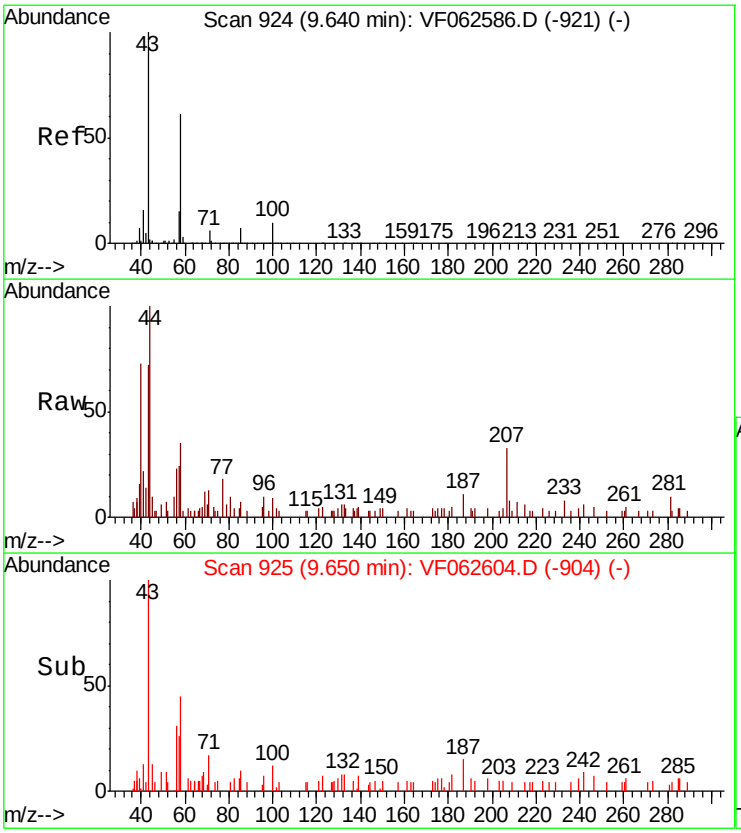
#51
4-Methyl-2-Pentanone
Concen: 1.406 ug/l
RT: 8.43 min Scan# 801
Delta R.T. 0.00 min
Lab File: VF062604.D
Acq: 15 May 2019 12:56

Instrument :
MSVOA_F
ClientSampleId :
VF0515SBL01

Tgt Ion: 43 Resp: 4967

Ion	Ratio	Lower	Upper
43	100		
58	64.7	33.6	50.4#

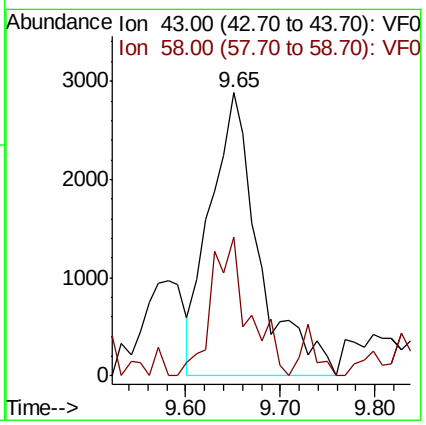


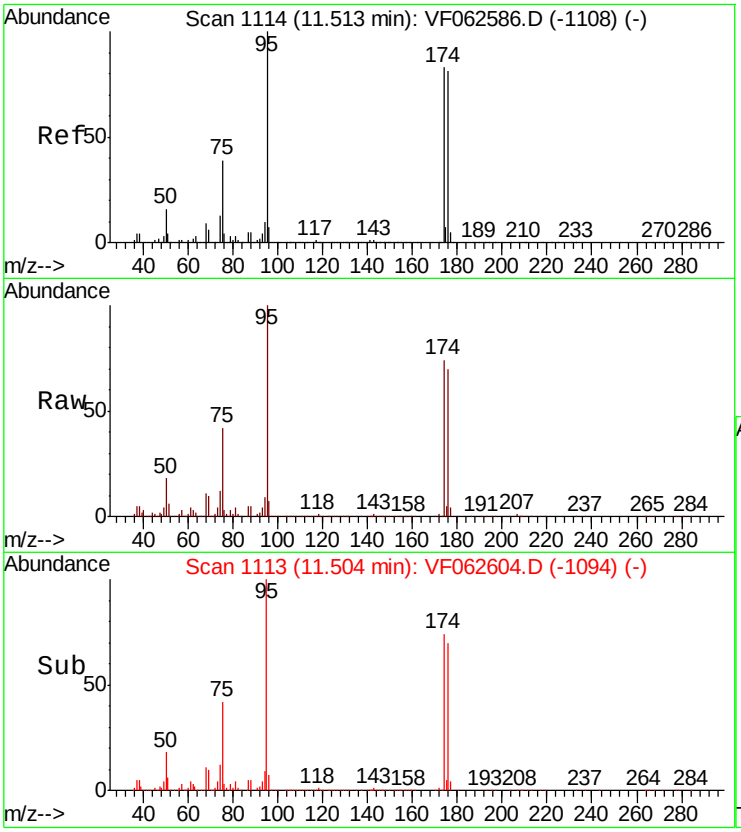


#59
2-Hexanone
Concen: 4.442 ug/l
RT: 9.65 min Scan# 925
Delta R.T. 0.01 min
Lab File: VF062604.D
Acq: 15 May 2019 12:56

Tgt Ion: 43 Resp: 10366

Ion	Ratio	Lower	Upper
43	100		
58	49.0	28.7	86.3



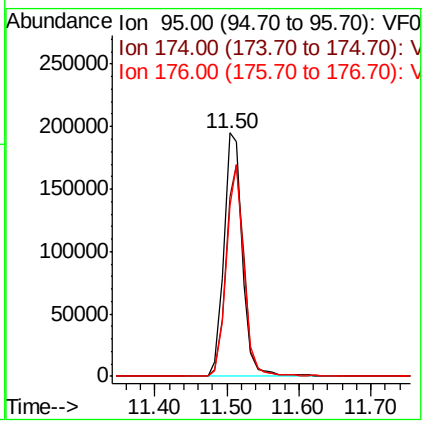


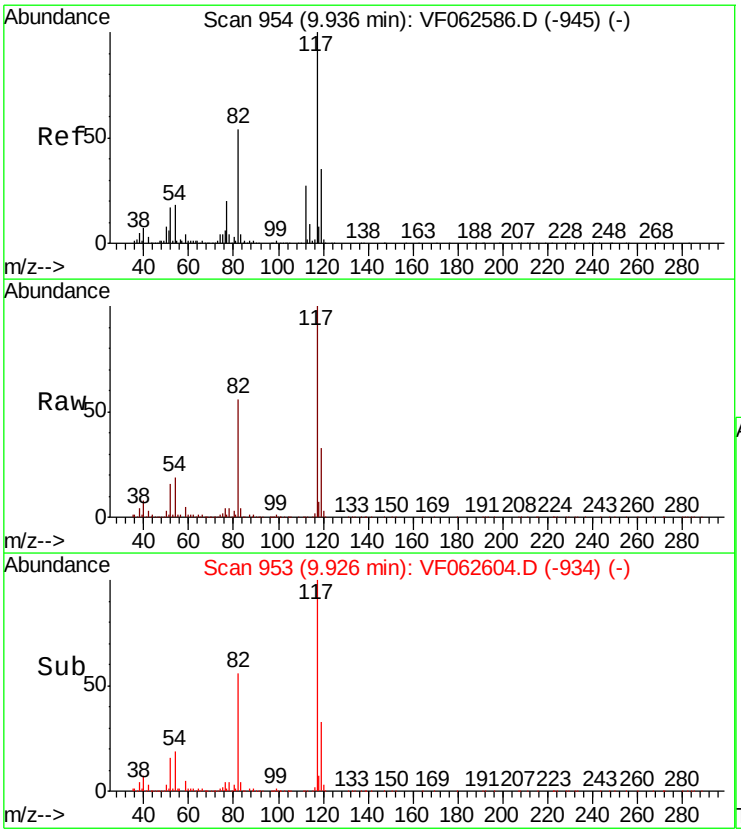
#62
4-Bromofluorobenzene
Concen: 49.480 ug/l
RT: 11.50 min Scan# 1113
Delta R.T. -0.01 min
Lab File: VF062604.D
Acq: 15 May 2019 12:56

Instrument : MSVOA_F
ClientSampleId : VF0515SBL01

Tgt Ion: 95 Resp: 347303

Ion	Ratio	Lower	Upper
95	100		
174	73.8	0.0	166.6
176	70.0	0.0	161.8

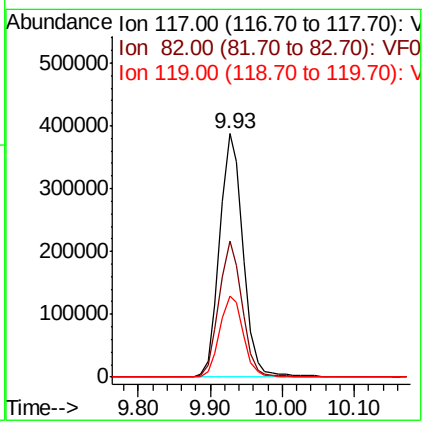


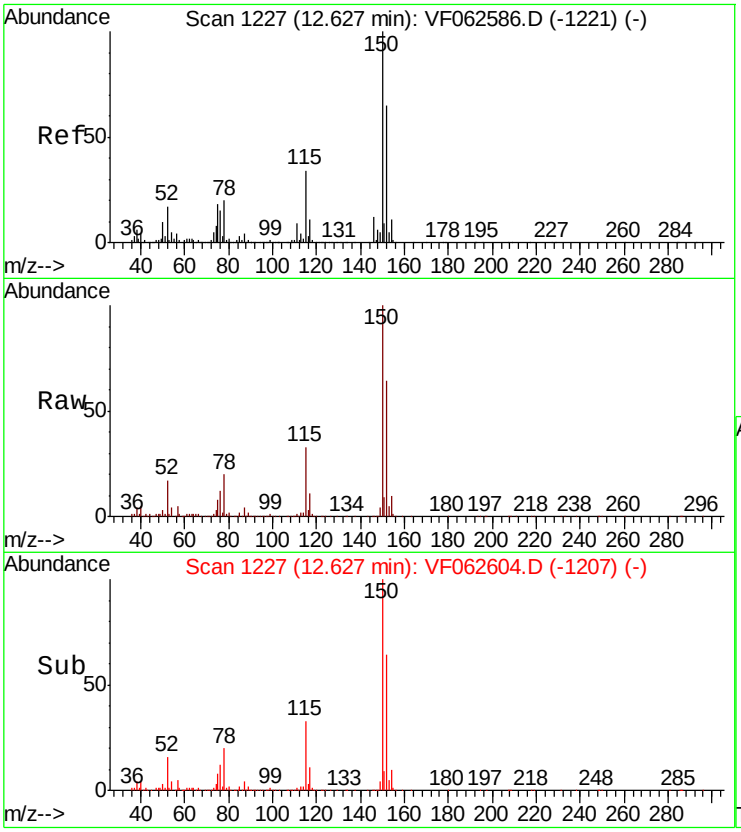


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.93 min Scan# 953
Delta R.T. -0.01 min
Lab File: VF062604.D
Acq: 15 May 2019 12:56

Tgt Ion:117 Resp: 869996

Ion	Ratio	Lower	Upper
117	100		
82	56.1	43.4	65.0
119	33.3	27.7	41.5





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.63 min Scan# 1227
Delta R.T. 0.00 min
Lab File: VF062604.D
Acq: 15 May 2019 12:56

Instrument :
MSVOA_F
ClientSampleId :
VF0515SBL01

Tgt Ion:152 Resp: 389315

Ion	Ratio	Lower	Upper
152	100		
115	52.1	26.2	78.6
150	157.2	0.0	316.0