Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF042519\
Data File : VF062289.D
Acq On : 25 Apr 2019 13:47
Operator : FY/SY
Sample : VF0425SBL01
Misc : 5.00g/5mL/MSVOA_F/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId : VF0425SBL01

Quant Time: Apr 26 01:07:25 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82F042419S.M
Quant Title : SW846 8260
QLast Update : Thu Apr 25 08:40:59 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.07	168	440722	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.78	114	616193	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.91	117	436994	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.62	152	269436	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.04	65	196745	55.11	ug/l	0.00
Spiked Amount 50.000			Recovery = 110.22%			
35) Dibromofluoromethane	4.32	113	252848	55.34	ug/l	0.00
Spiked Amount 50.000			Recovery = 110.68%			
50) Toluene-d8	7.72	98	526713	47.20	ug/l	0.00
Spiked Amount 50.000			Recovery = 94.40%			
62) 4-Bromofluorobenzene	11.50	95	230327	50.07	ug/l	0.00
Spiked Amount 50.000			Recovery = 100.14%			
Target Compounds						Qvalue
8) Diethyl Ether	1.71	74	1537	1.278	ug/l	57
11) Tert butyl alcohol	2.70	59	1411	6.534	ug/l #	46
13) Acrolein	2.12	56	1033	13.184	ug/l #	10
16) Acetone	2.35	43	6203	7.761	ug/l #	84
18) Methyl Acetate	2.50	43	13008	6.125	ug/l #	65
20) Methylene Chloride	2.35	84	7711	Below Cal	#	78
25) 2-Butanone	4.54	43	4828	3.809	ug/l	96
29) Tetrahydrofuran	4.28	42	937	1.683	ug/l #	60
49) 1,4-Dioxane	6.91	88	83	4.114	ug/l #	66
51) 4-Methyl-2-Pentanone	8.43	43	4326	2.296	ug/l #	87
59) 2-Hexanone	9.63	43	6952	Below Cal		88

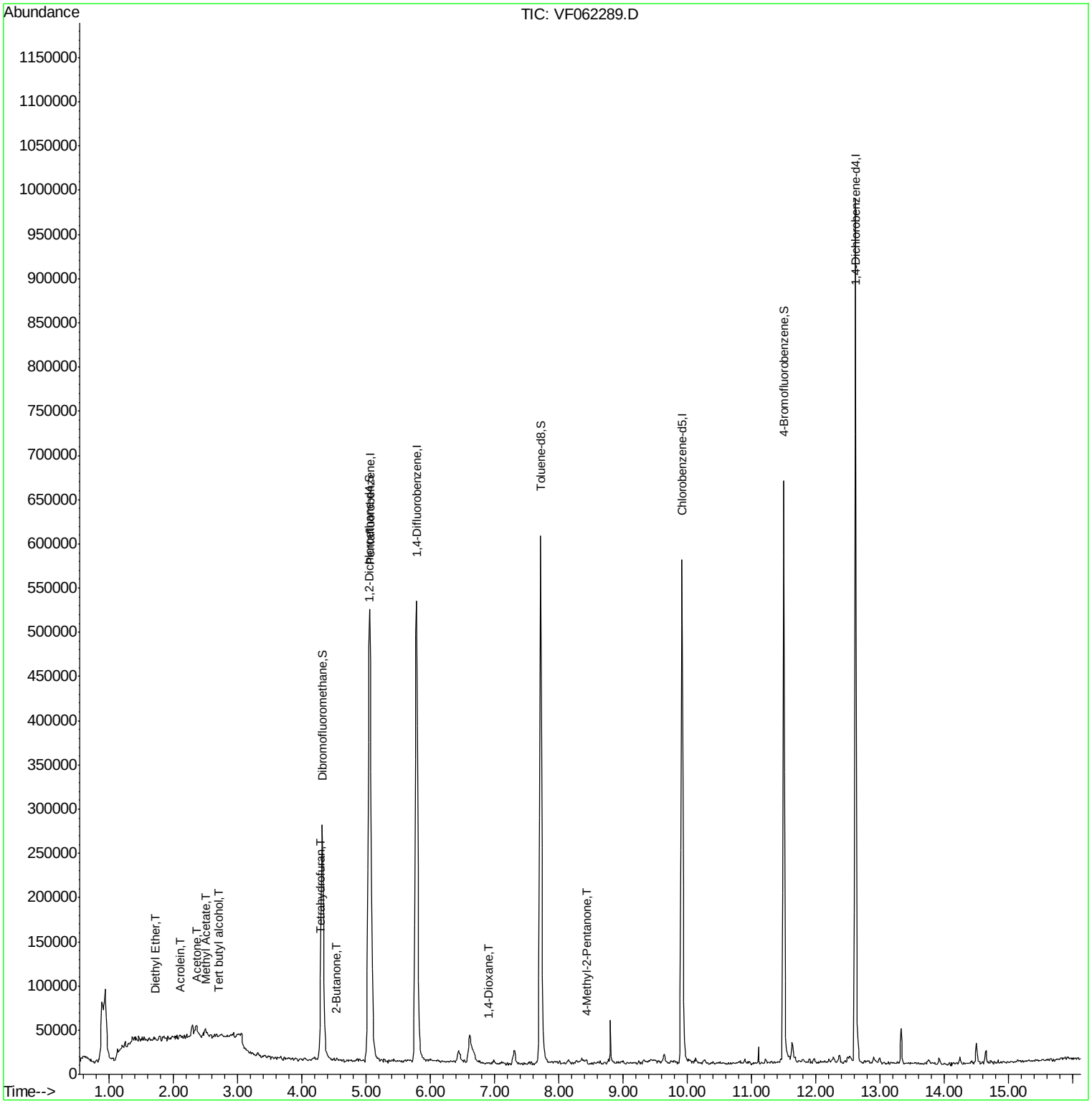
(#) = qualifier out of range (m) = manual integration (+) = signals summed

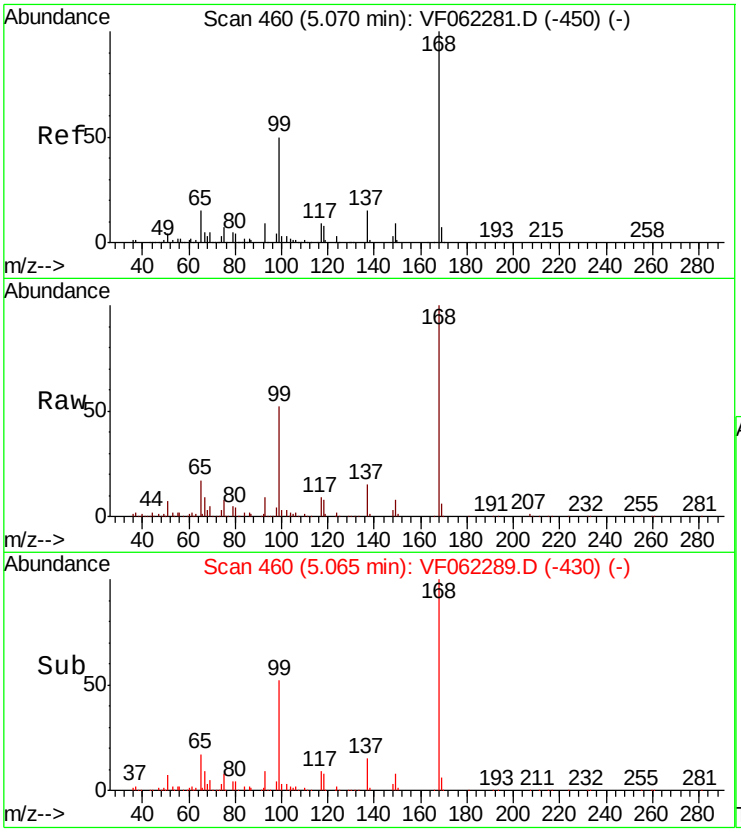
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF042519\
Data File : VF062289.D
Acq On : 25 Apr 2019 13:47
Operator : FY/SY
Sample : VF0425SBL01
Misc : 5.00g/5mL/MSVOA F/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId : VF0425SBL01

Quant Time: Apr 26 01:07:25 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82F042419S.M
Quant Title : SW846 8260
QLast Update : Thu Apr 25 08:40:59 2019
Response via : Initial Calibration



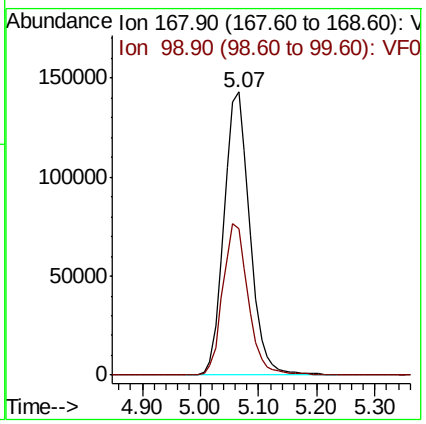


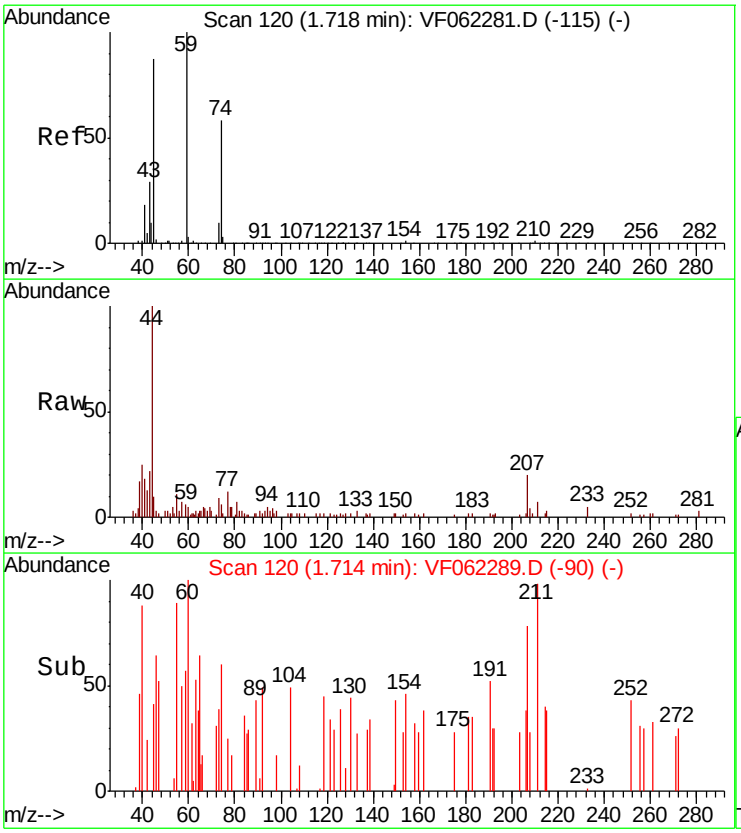
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.07 min Scan# 460
Delta R.T. -0.00 min
Lab File: VF062289.D
Acq: 25 Apr 2019 13:47

Instrument :
MSVOA_F
ClientSampleId :
VF0425SBL01

Tgt Ion:168 Resp: 440722

Ion	Ratio	Lower	Upper
168	100		
99	51.7	40.0	60.0

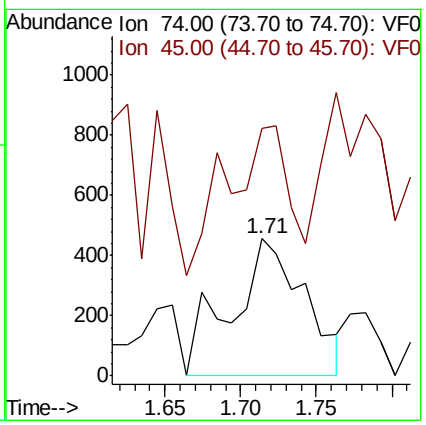


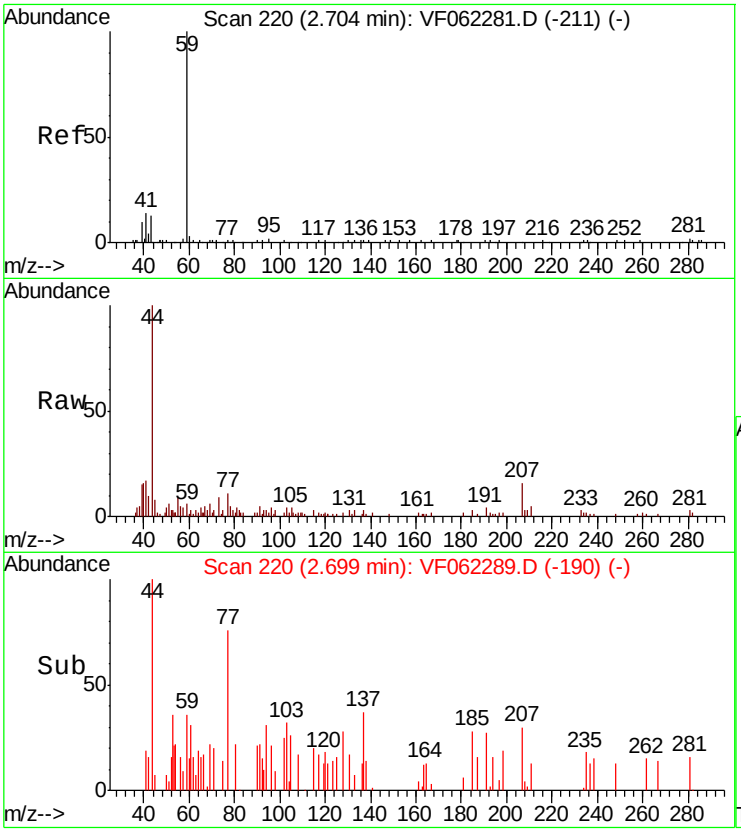


#8
Diethyl Ether
Concen: 1.278 ug/l
RT: 1.71 min Scan# 120
Delta R.T. -0.00 min
Lab File: VF062289.D
Acq: 25 Apr 2019 13:47

Tgt Ion: 74 Resp: 1537

Ion	Ratio	Lower	Upper
74	100		
45	93.7	74.0	222.0



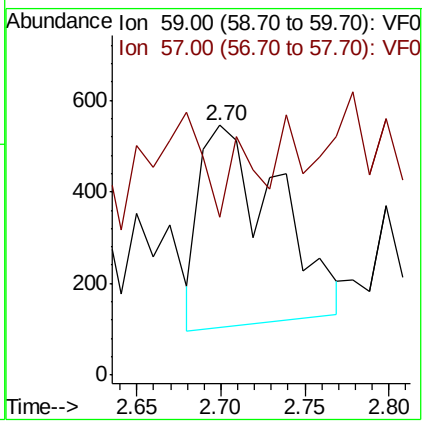


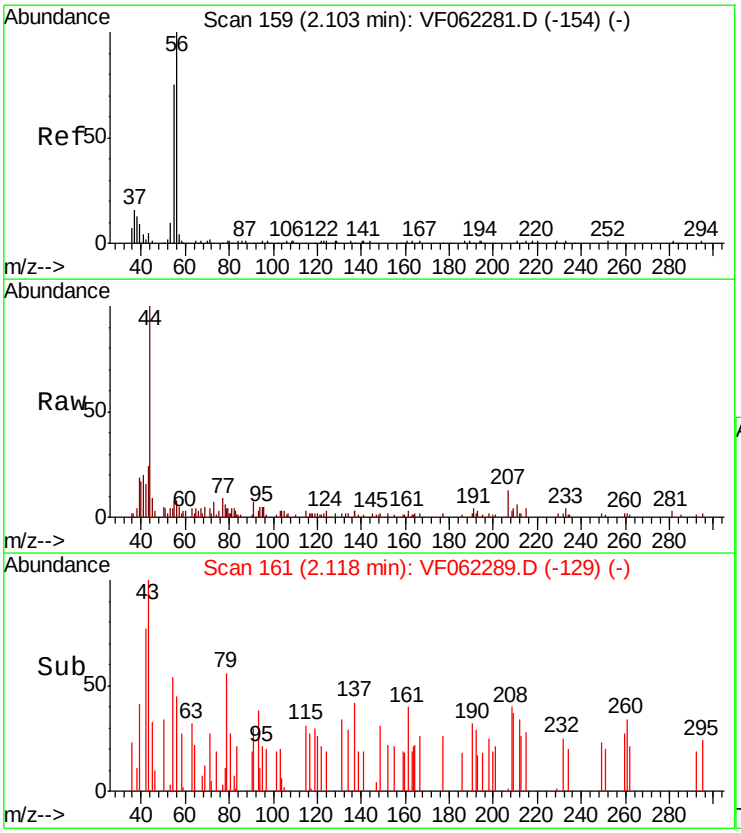
#11
Tert butyl alcohol
Concen: 6.534 ug/l
RT: 2.70 min Scan# 220
Delta R.T. -0.00 min
Lab File: VF062289.D
Acq: 25 Apr 2019 13:47

Instrument : MSVOA_F
ClientSampleId : VF0425SBL01

Tgt Ion: 59 Resp: 1411

Ion	Ratio	Lower	Upper
59	100		
57	31.5	8.8	13.2#

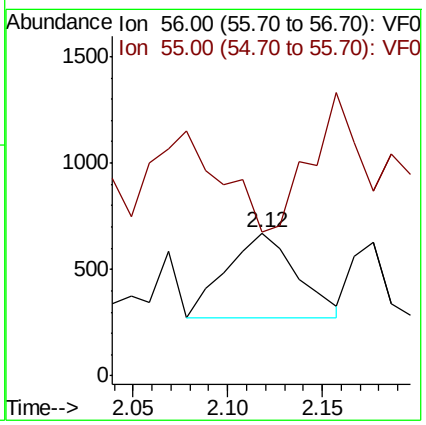


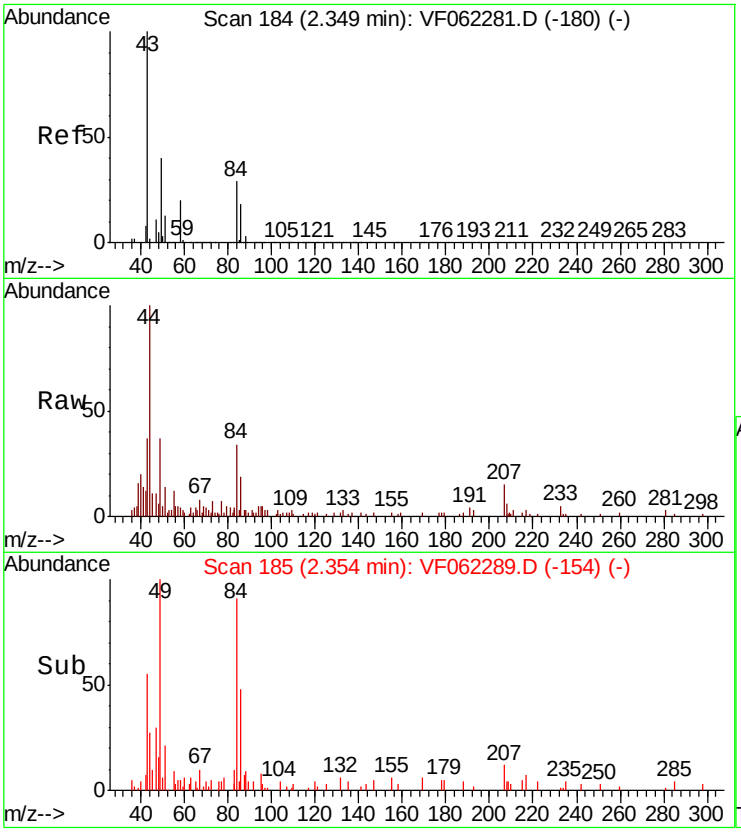


#13
Acrolein
Concen: 13.184 ug/l
RT: 2.12 min Scan# 161
Delta R.T. 0.02 min
Lab File: VF062289.D
Acq: 25 Apr 2019 13:47

Tgt Ion: 56 Resp: 1033

Ion	Ratio	Lower	Upper
56	100		
55	0.0	62.3	93.5#



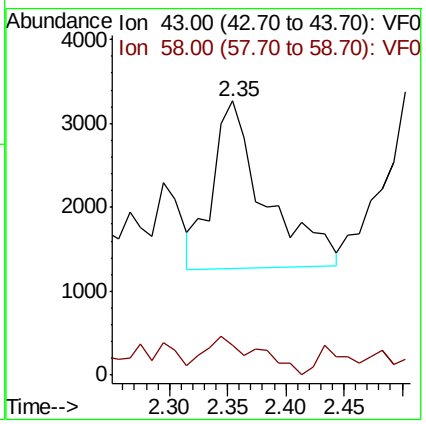


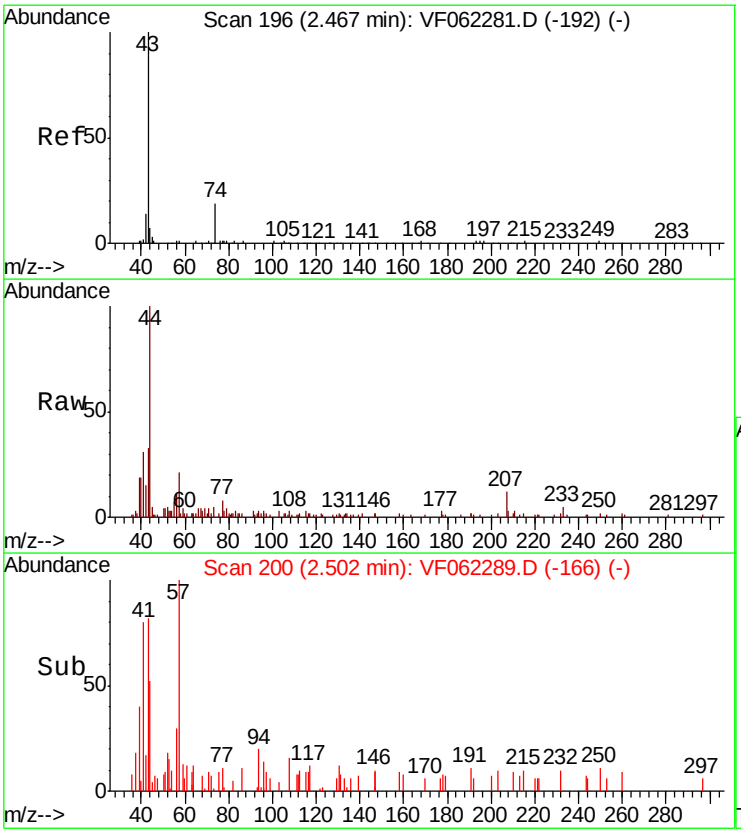
#16
Acetone
Concen: 7.761 ug/l
RT: 2.35 min Scan# 185
Delta R.T. 0.01 min
Lab File: VF062289.D
Acq: 25 Apr 2019 13:47

Instrument :
MSVOA_F
ClientSampleId :
VF0425SBL01

Tgt Ion: 43 Resp: 6203

Ion	Ratio	Lower	Upper
43	100		
58	13.3	16.4	24.6#

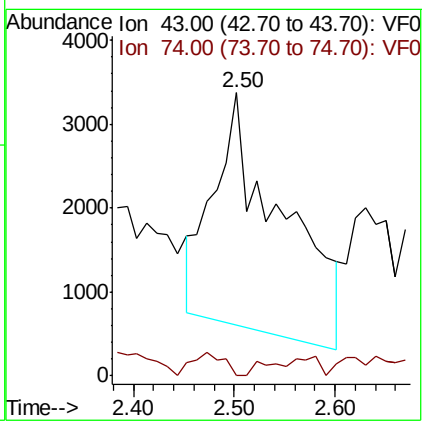


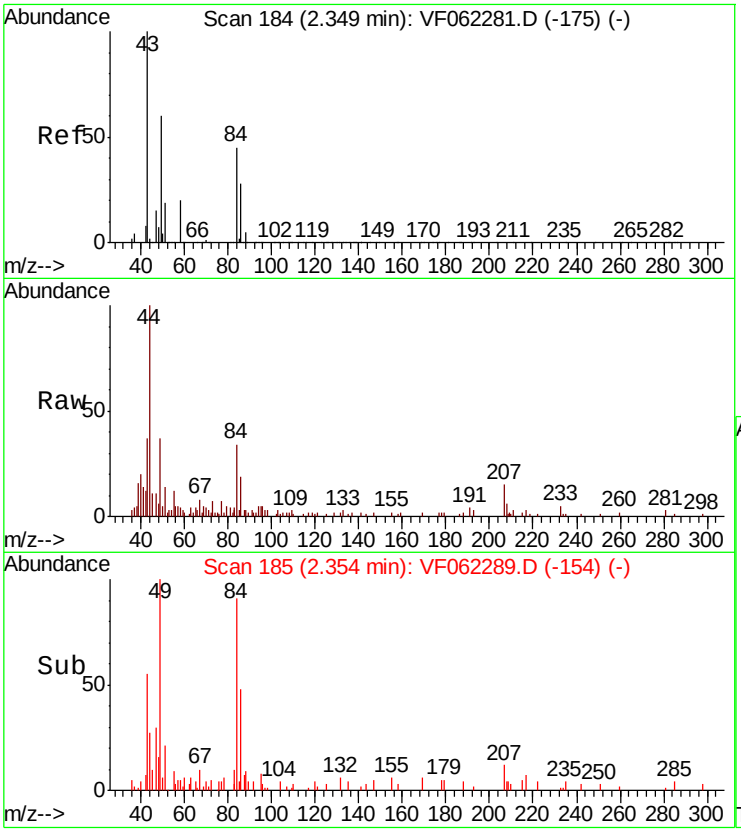


#18
Methyl Acetate
Concen: 6.125 ug/l
RT: 2.50 min Scan# 200
Delta R.T. 0.04 min
Lab File: VF062289.D
Acq: 25 Apr 2019 13:47

Tgt Ion: 43 Resp: 13008

Ion	Ratio	Lower	Upper
43	100		
74	2.5	14.4	21.6#



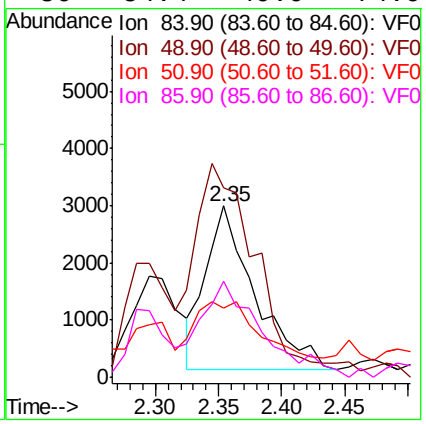


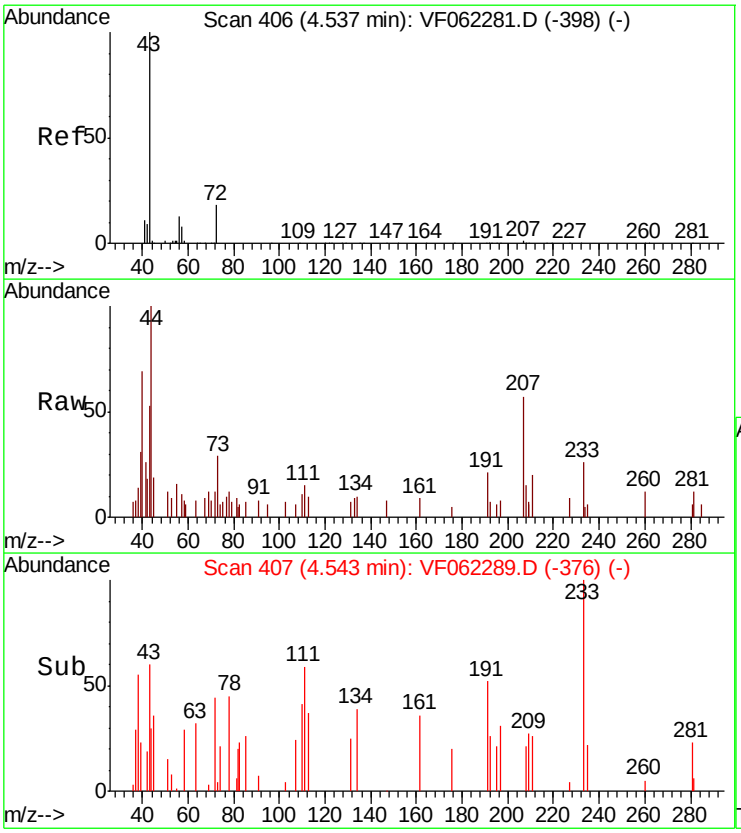
#20
Methylene Chloride
Concen: Below Cal
RT: 2.35 min Scan# 185
Delta R.T. 0.01 min
Lab File: VF062289.D
Acq: 25 Apr 2019 13:47

Instrument : MSVOA_F
ClientSampleId : VF0425SBL01

Tgt Ion: 84 Resp: 7711

Ion	Ratio	Lower	Upper
84	100		
49	107.6	112.1	168.1#
51	29.1	35.9	53.9#
86	54.4	49.9	74.9

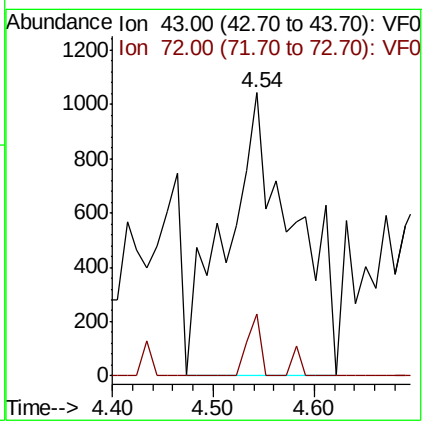


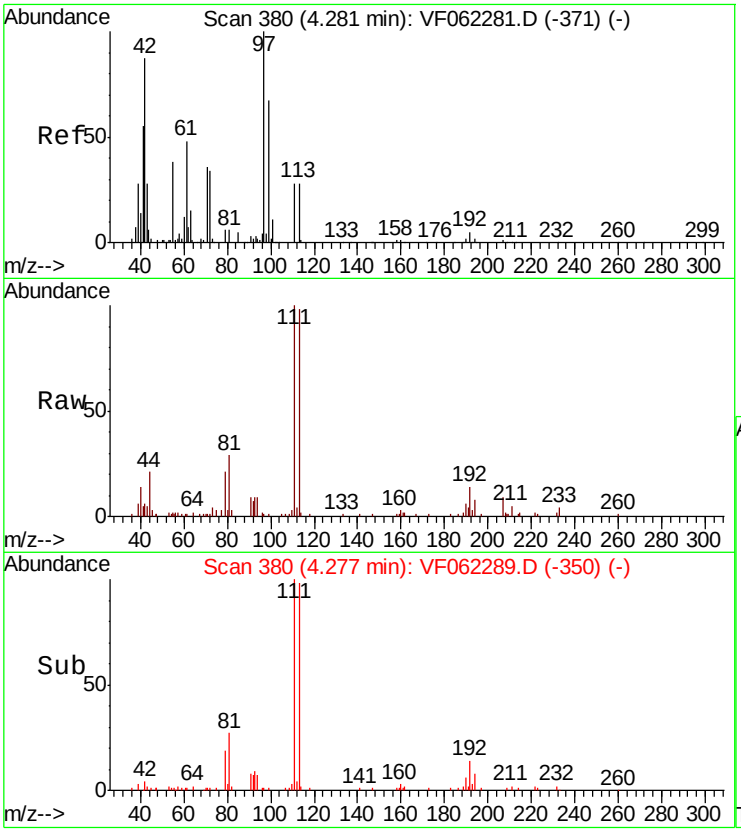


#25
2-Butanone
Concen: 3.809 ug/l
RT: 4.54 min Scan# 407
Delta R.T. 0.01 min
Lab File: VF062289.D
Acq: 25 Apr 2019 13:47

Tgt Ion: 43 Resp: 4828

Ion	Ratio	Lower	Upper
43	100		
72	21.7	15.8	23.6



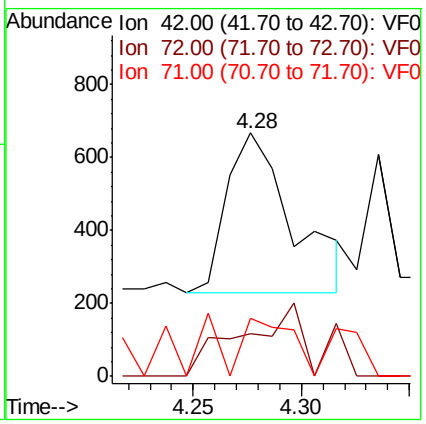


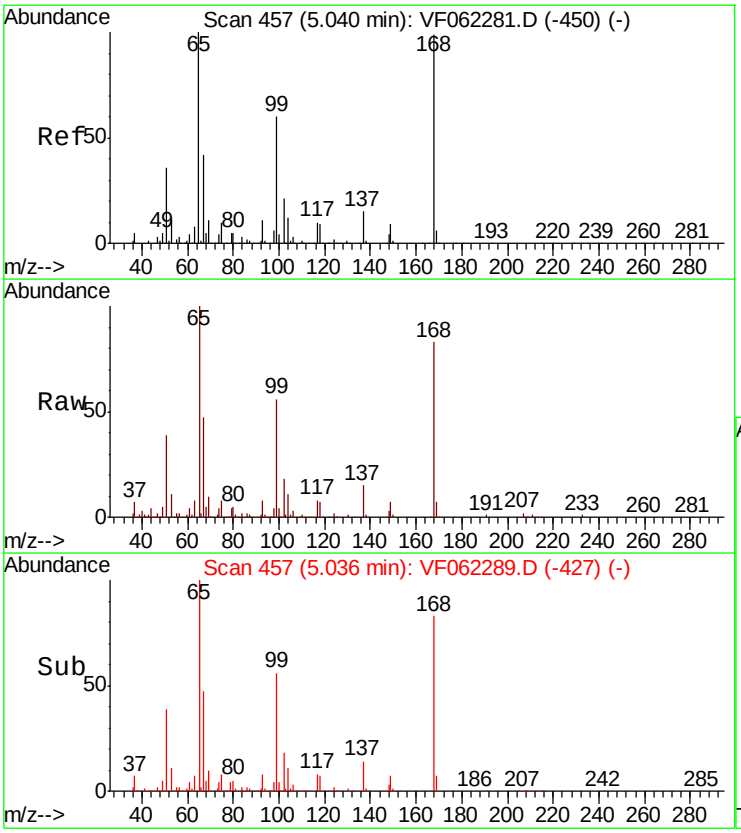
#29
Tetrahydrofuran
Concen: 1.683 ug/l
RT: 4.28 min Scan# 380
Delta R.T. -0.00 min
Lab File: VF062289.D
Acq: 25 Apr 2019 13:47

Instrument :
MSVOA_F
ClientSampleId :
VF0425SBL01

Tgt Ion: 42 Resp: 937

Ion	Ratio	Lower	Upper
42	100		
72	0.0	29.3	43.9#
71	26.5	31.2	46.8#

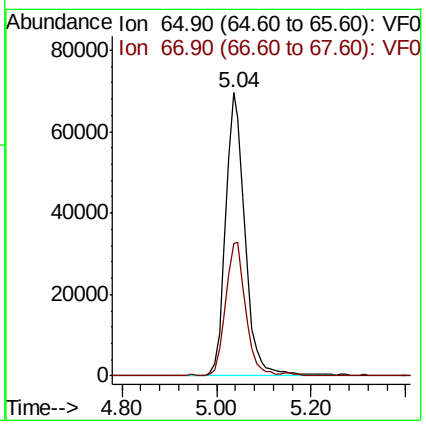


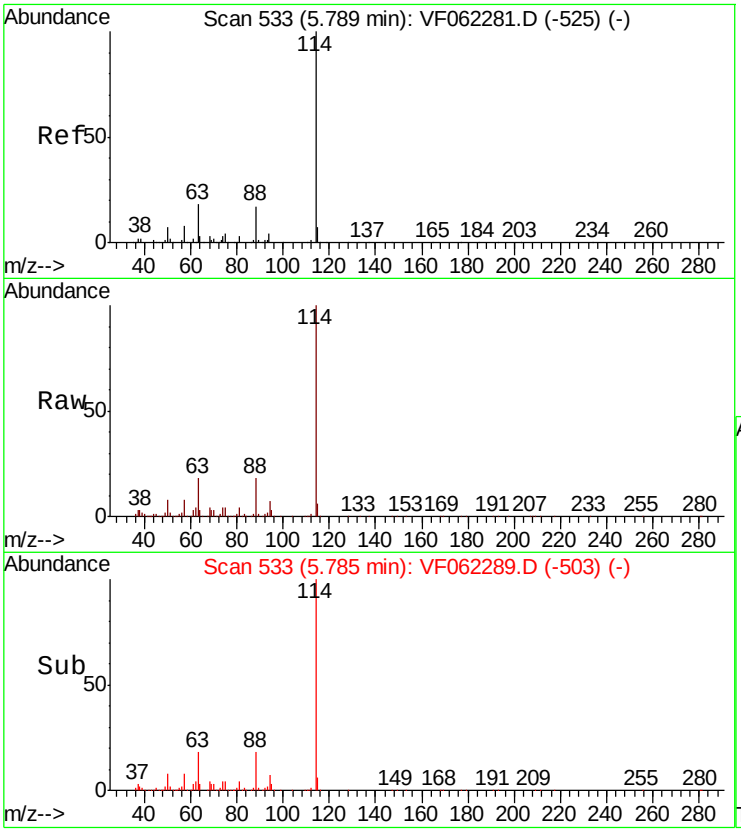


#33
1,2-Dichloroethane-d4
Concen: 55.112 ug/l
RT: 5.04 min Scan# 457
Delta R.T. -0.00 min
Lab File: VF062289.D
Acq: 25 Apr 2019 13:47

Tgt Ion: 65 Resp: 196745

Ion	Ratio	Lower	Upper
65	100		
67	47.9	0.0	98.8



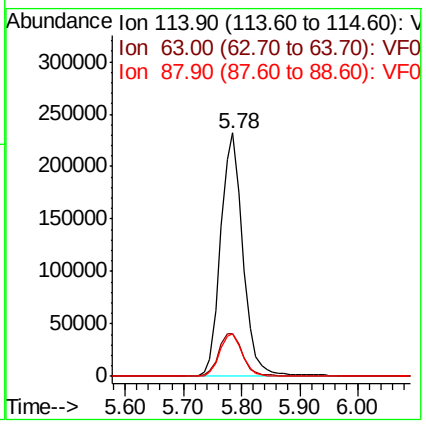


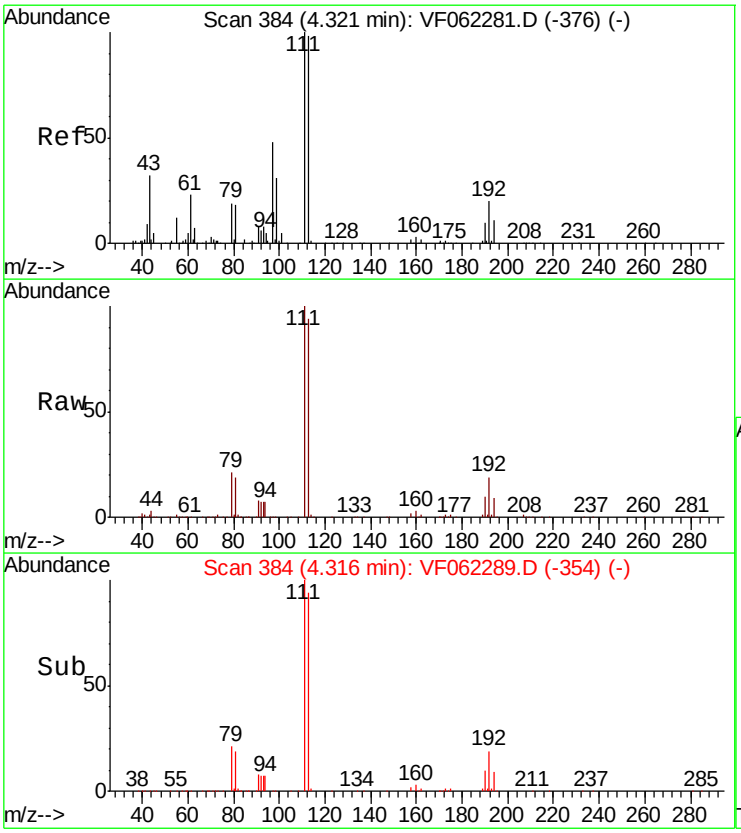
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.78 min Scan# 533
Delta R.T. -0.00 min
Lab File: VF062289.D
Acq: 25 Apr 2019 13:47

Instrument :
MSVOA_F
ClientSampleId :
VF0425SBL01

Tgt Ion:114 Resp: 616193

Ion	Ratio	Lower	Upper
114	100		
63	17.6	0.0	35.6
88	17.7	0.0	34.6

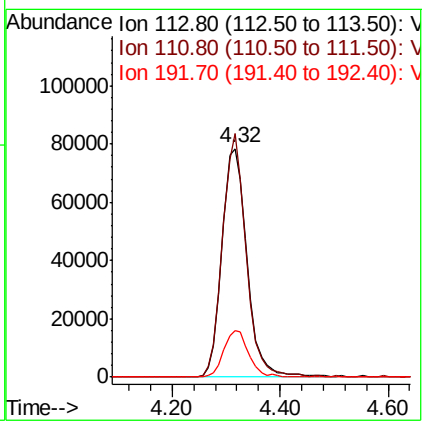


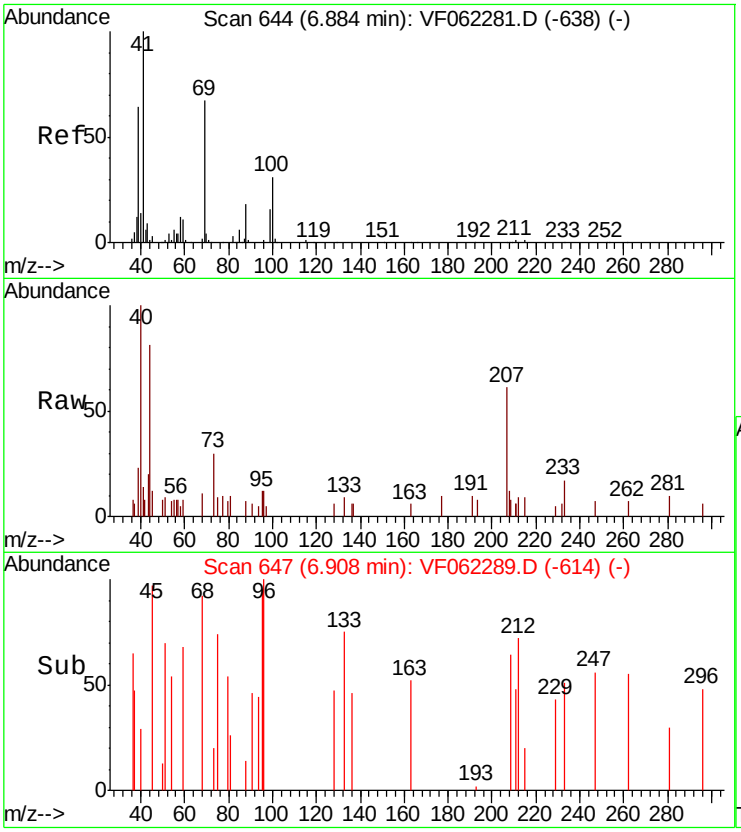


#35
Dibromofluoromethane
Concen: 55.343 ug/l
RT: 4.32 min Scan# 384
Delta R.T. -0.00 min
Lab File: VF062289.D
Acq: 25 Apr 2019 13:47

Tgt Ion:113 Resp: 252848

Ion	Ratio	Lower	Upper
113	100		
111	100.1	81.4	122.2
192	20.6	17.0	25.4



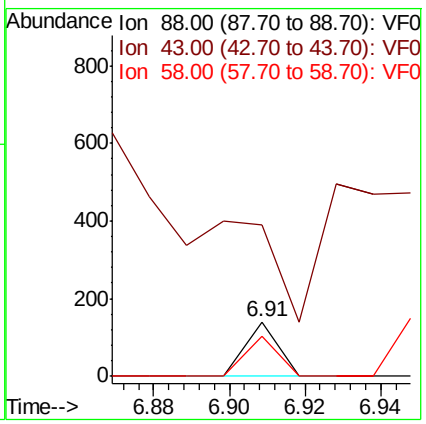


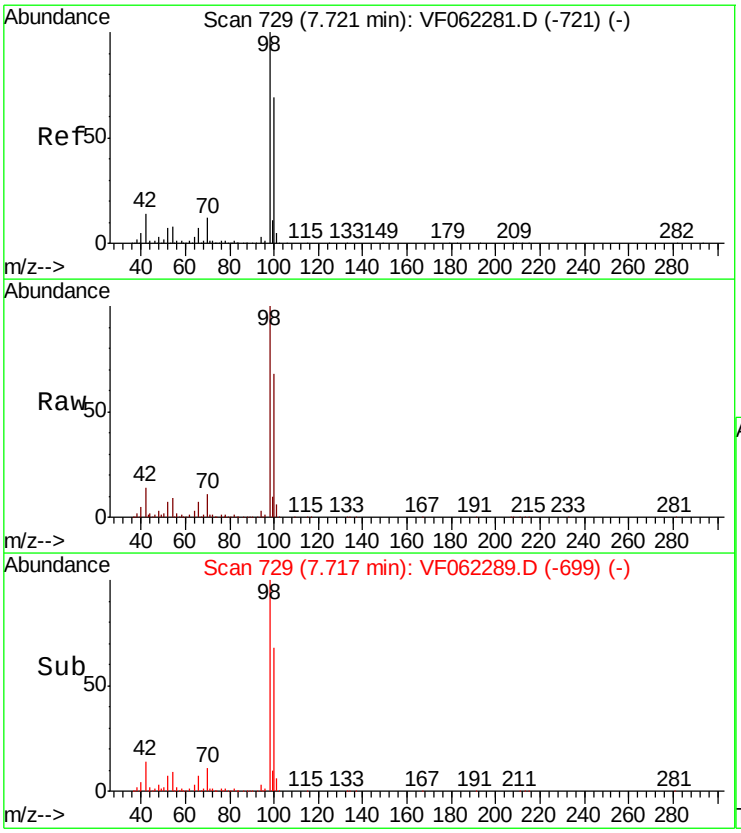
#49
1,4-Dioxane
Concen: 4.114 ug/l
RT: 6.91 min Scan# 647
Delta R.T. 0.02 min
Lab File: VF062289.D
Acq: 25 Apr 2019 13:47

Instrument :
MSVOA_F
ClientSampleId :
VF0425SBL01

Tgt Ion: 88 Resp: 83

Ion	Ratio	Lower	Upper
88	100		
43	0.0	34.2	51.4#
58	72.3	50.7	76.1

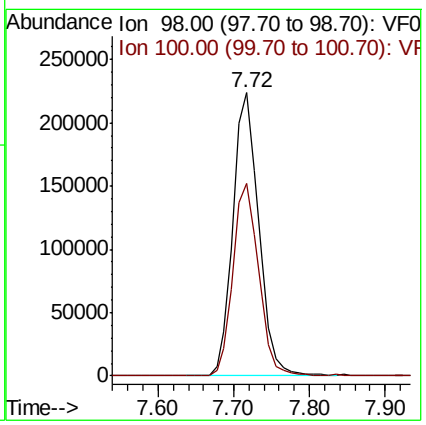


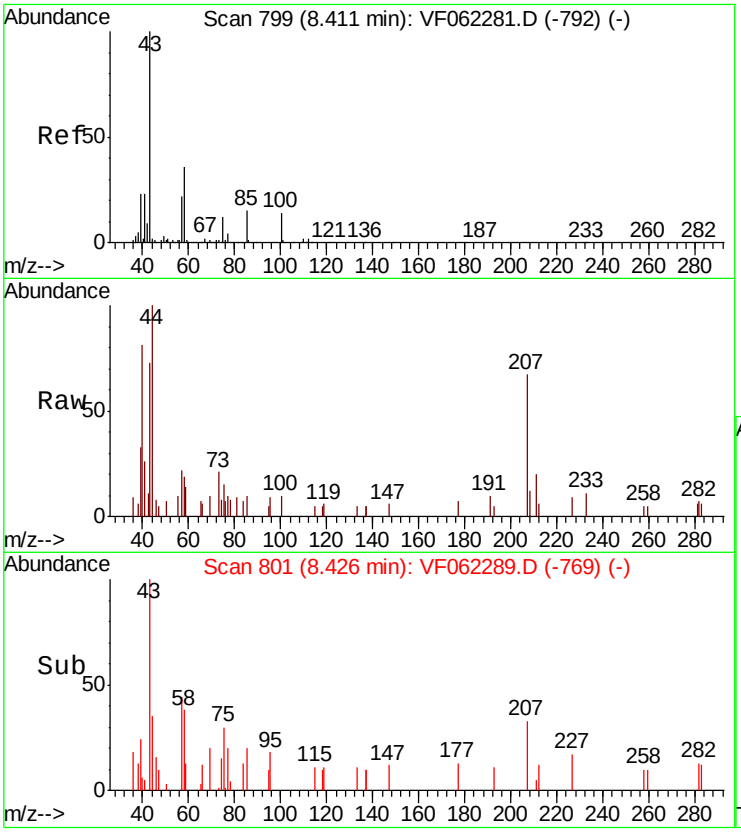


#50
Toluene-d8
Concen: 47.198 ug/l
RT: 7.72 min Scan# 729
Delta R.T. -0.00 min
Lab File: VF062289.D
Acq: 25 Apr 2019 13:47

Tgt Ion: 98 Resp: 526713

Ion	Ratio	Lower	Upper
98	100		
100	67.7	54.4	81.6



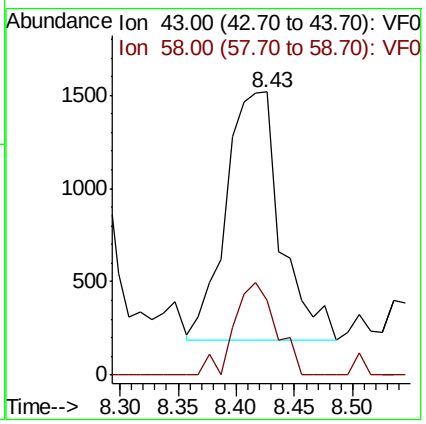


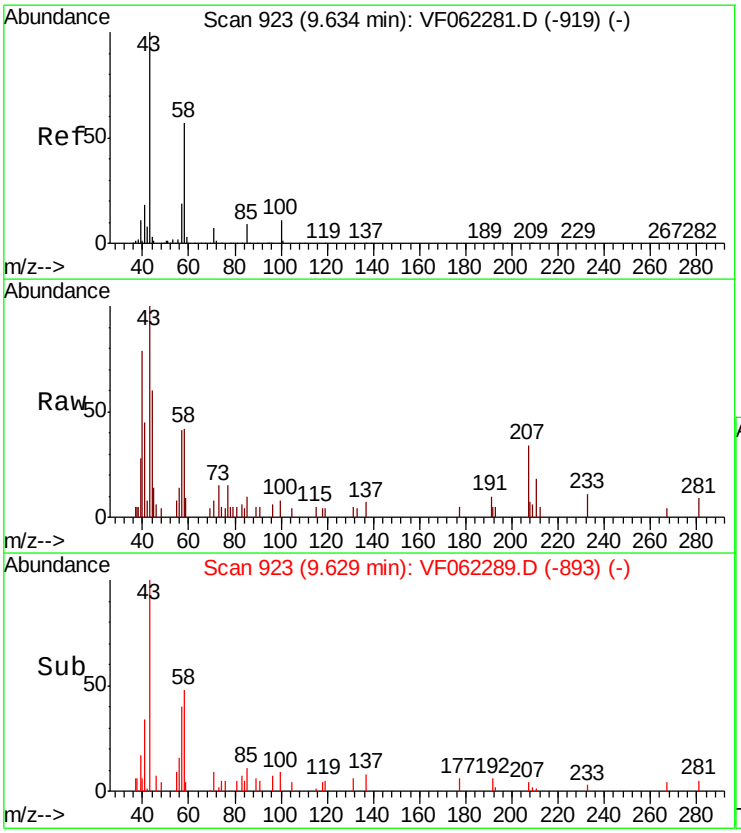
#51
4-Methyl-2-Pentanone
Concen: 2.296 ug/l
RT: 8.43 min Scan# 801
Delta R.T. 0.02 min
Lab File: VF062289.D
Acq: 25 Apr 2019 13:47

Instrument : MSVOA_F
ClientSampleId : VF0425SBL01

Tgt Ion: 43 Resp: 4326

Ion	Ratio	Lower	Upper
43	100		
58	28.5	29.1	43.7#

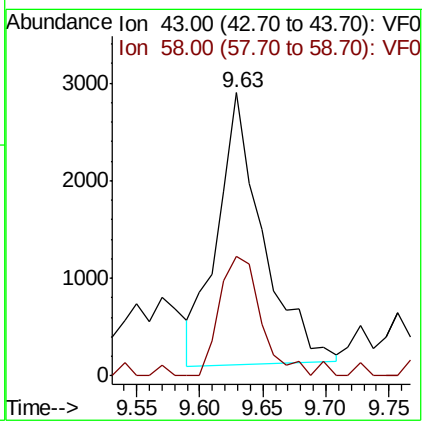


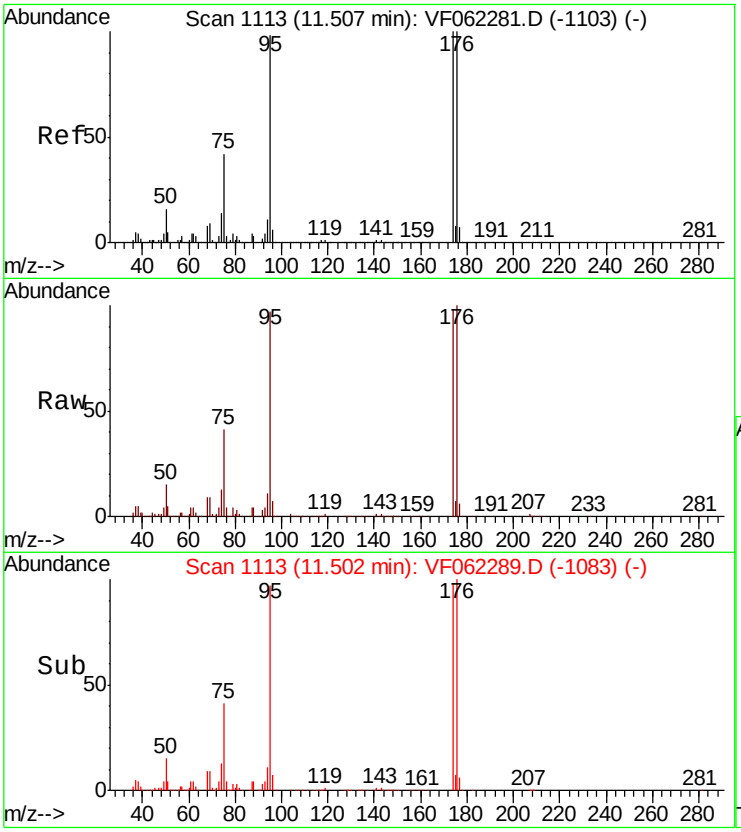


#59
2-Hexanone
Concen: Below Cal
RT: 9.63 min Scan# 923
Delta R.T. -0.00 min
Lab File: VF062289.D
Acq: 25 Apr 2019 13:47

Tgt Ion: 43 Resp: 6952

Ion	Ratio	Lower	Upper
43	100		
58	41.4	24.9	74.7



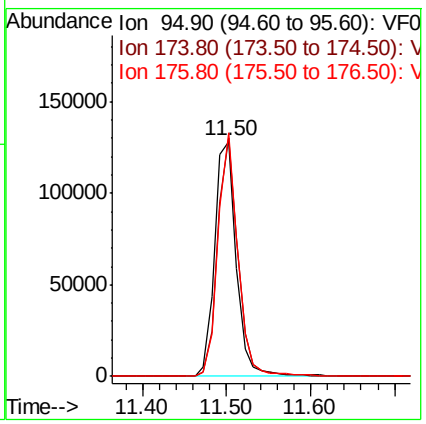


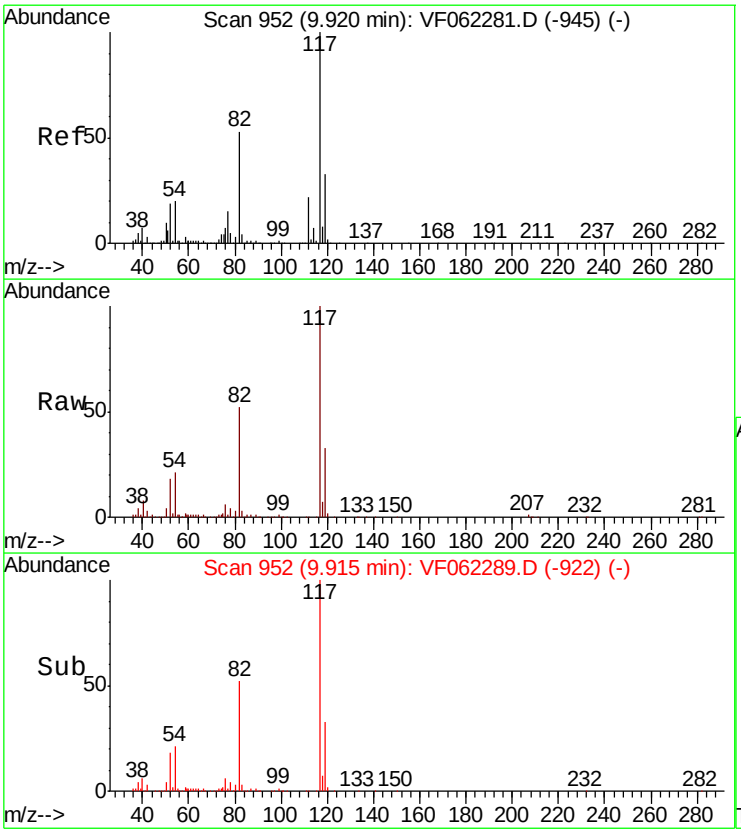
#62
4-Bromofluorobenzene
Concen: 50.073 ug/l
RT: 11.50 min Scan# 1113
Delta R.T. -0.00 min
Lab File: VF062289.D
Acq: 25 Apr 2019 13:47

Instrument :
MSVOA_F
ClientSampleId :
VF0425SBL01

Tgt Ion: 95 Resp: 230327

Ion	Ratio	Lower	Upper
95	100		
174	95.0	0.0	185.2
176	94.6	0.0	184.8

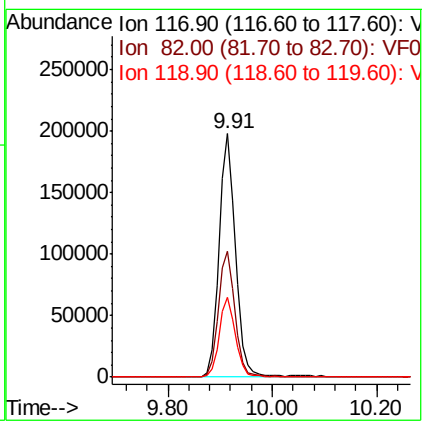


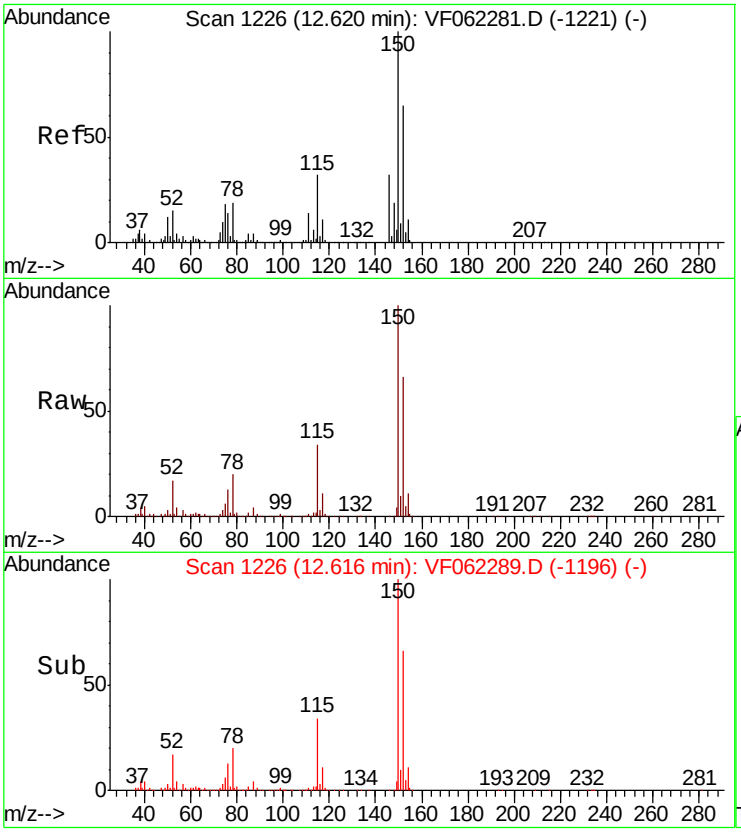


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.91 min Scan# 952
Delta R.T. -0.00 min
Lab File: VF062289.D
Acq: 25 Apr 2019 13:47

Tgt Ion:117 Resp: 436994

Ion	Ratio	Lower	Upper
117	100		
82	51.7	42.6	64.0
119	32.6	26.1	39.1





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.62 min Scan# 1226
Delta R.T. -0.00 min
Lab File: VF062289.D
Acq: 25 Apr 2019 13:47

Instrument :
MSVOA_F
ClientSampleId :
VF0425SBL01

Tgt Ion:152 Resp: 269436

Ion	Ratio	Lower	Upper
152	100		
115	53.6	25.6	76.8
150	152.6	0.0	330.6