Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF032219\
Data File : VF062088.D
Acq On : 22 Mar 2019 17:51
Operator : VA/AP
Sample : K2043-04
Misc : 6.02g/5mL/MSVOA-F/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId : WP022SB429-190319-(20-22)

Quant Time: Mar 23 04:15:07 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F032219S.M
Quant Title : SW846 8260
QLast Update : Sat Mar 23 01:16:37 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.90	168	242940	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.62	114	387884	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.80	117	331879	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.58	152	179190	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.87	65	81746	45.24	ug/l	0.00
Spiked Amount 50.000			Recovery = 90.48%			
35) Dibromofluoromethane	4.14	113	125193	47.71	ug/l	0.00
Spiked Amount 50.000			Recovery = 95.42%			
50) Toluene-d8	7.59	98	347617	44.38	ug/l	0.00
Spiked Amount 50.000			Recovery = 88.76%			
62) 4-Bromofluorobenzene	11.43	95	144003	47.62	ug/l	0.00
Spiked Amount 50.000			Recovery = 95.24%			
Target Compounds						Qvalue
11) Tert butyl alcohol	2.58	59	231	2.323	ug/l #	66
13) Acrolein	1.94	56	274	2.292	ug/l	87
15) Acrylonitrile	2.98	53	501	1.433	ug/l #	70
16) Acetone	2.25	43	19101	50.224	ug/l #	88
18) Methyl Acetate	2.40	43	4725	5.208	ug/l #	56
25) 2-Butanone	4.36	43	5303	6.679	ug/l	97
29) Tetrahydrofuran	4.10	42	1105	3.201	ug/l #	77
40) Benzene	4.67	78	37746	3.811	ug/l	99
51) 4-Methyl-2-Pentanone	8.29	43	1906	1.456	ug/l #	68
52) Toluene	7.65	92	60936	10.622	ug/l	100
59) 2-Hexanone	9.52	43	1051	1.096	ug/l	89
65) Chlorobenzene	9.83	112	7602	1.224	ug/l #	87

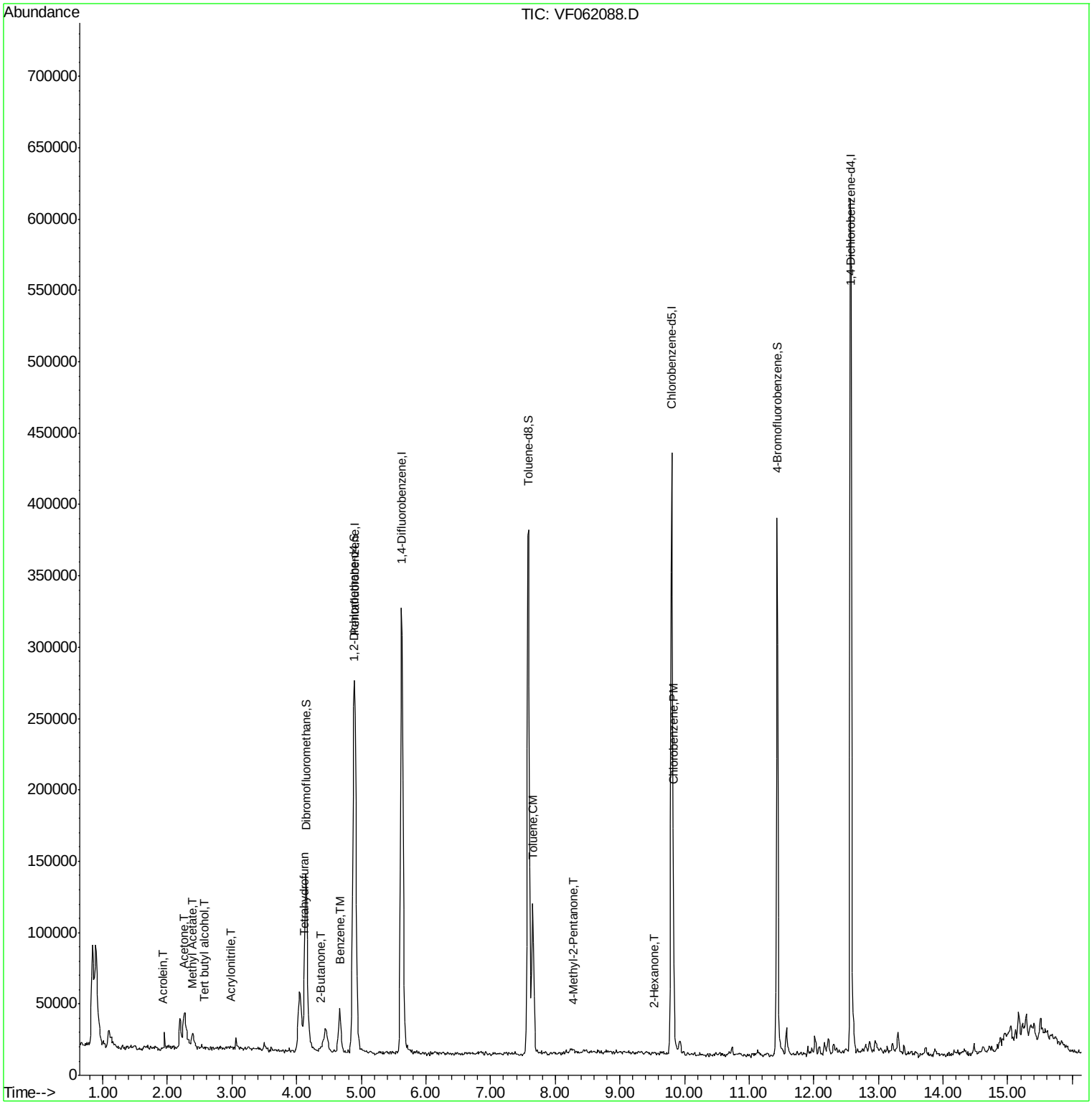
(#) = qualifier out of range (m) = manual integration (+) = signals summed

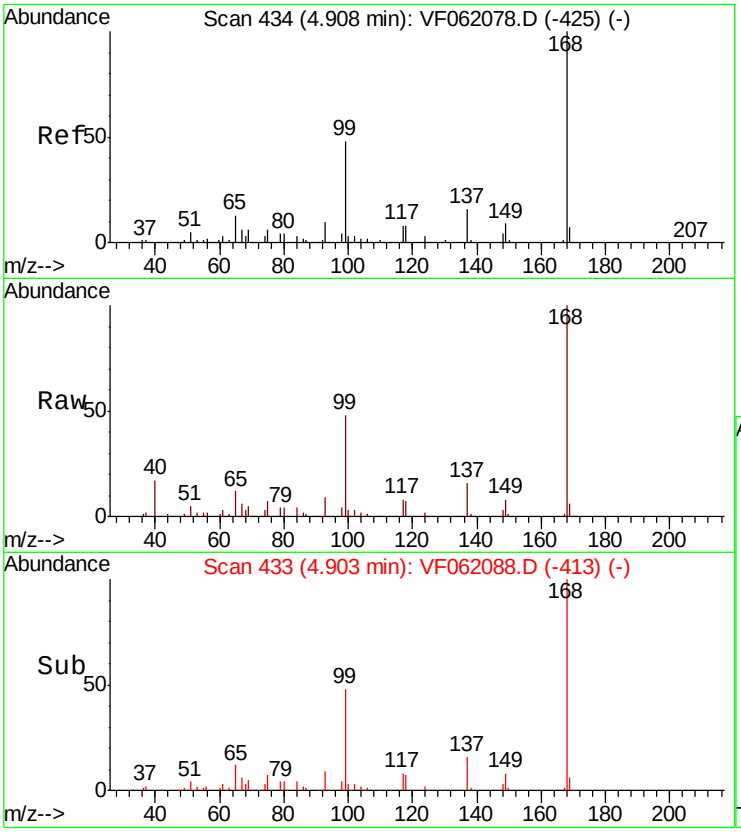
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF032219\
Data File : VF062088.D
Acq On : 22 Mar 2019 17:51
Operator : VA/AP
Sample : K2043-04
Misc : 6.02g/5mL/MSVOA-F/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :
WP022SB429-190319-(20-22)

Quant Time: Mar 23 04:15:07 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F032219S.M
Quant Title : SW846 8260
QLast Update : Sat Mar 23 01:16:37 2019
Response via : Initial Calibration



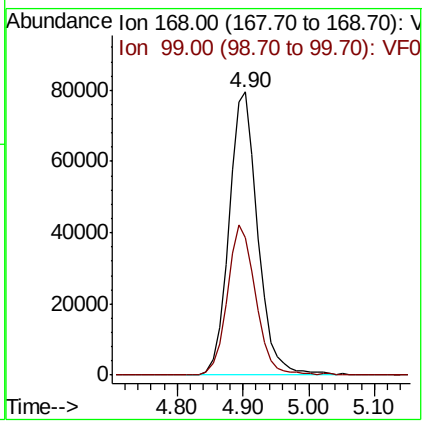


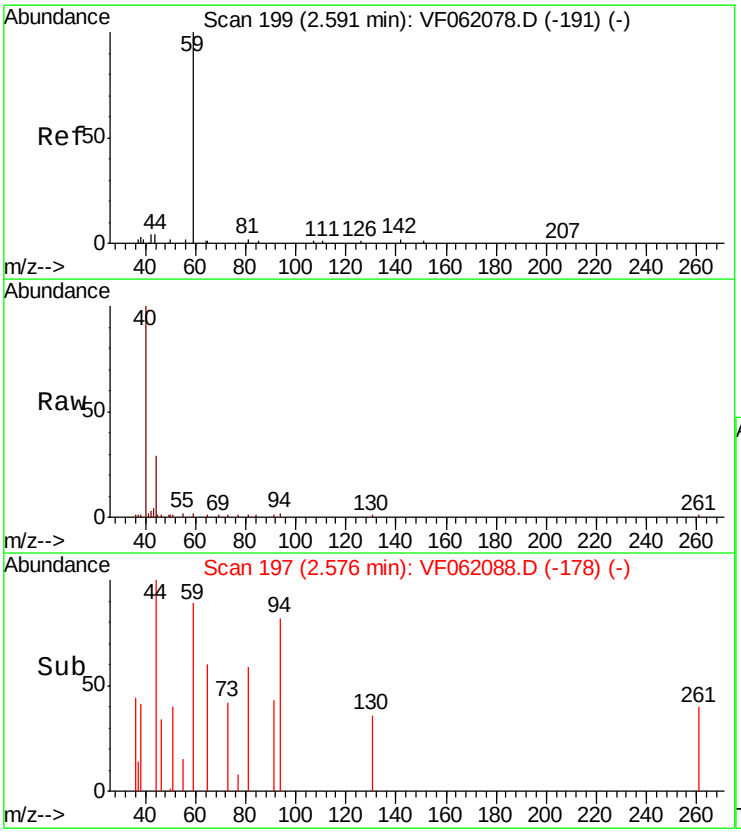
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 4.90 min Scan# 433
Delta R.T. -0.00 min
Lab File: VF062088.D
Acq: 22 Mar 2019 17:51

Instrument :
MSVOA_F
ClientSampleId :
WP022SB429-190319-(20-22)

Tgt Ion:168 Resp: 242940

Ion	Ratio	Lower	Upper
168	100		
99	48.4	38.2	57.4

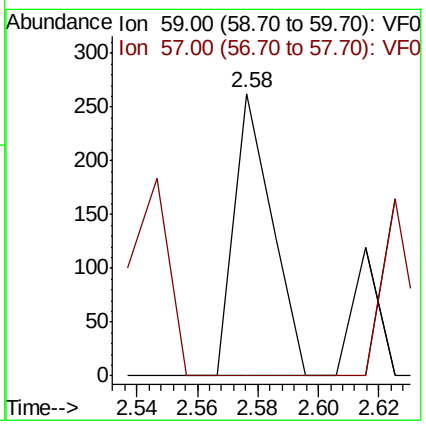


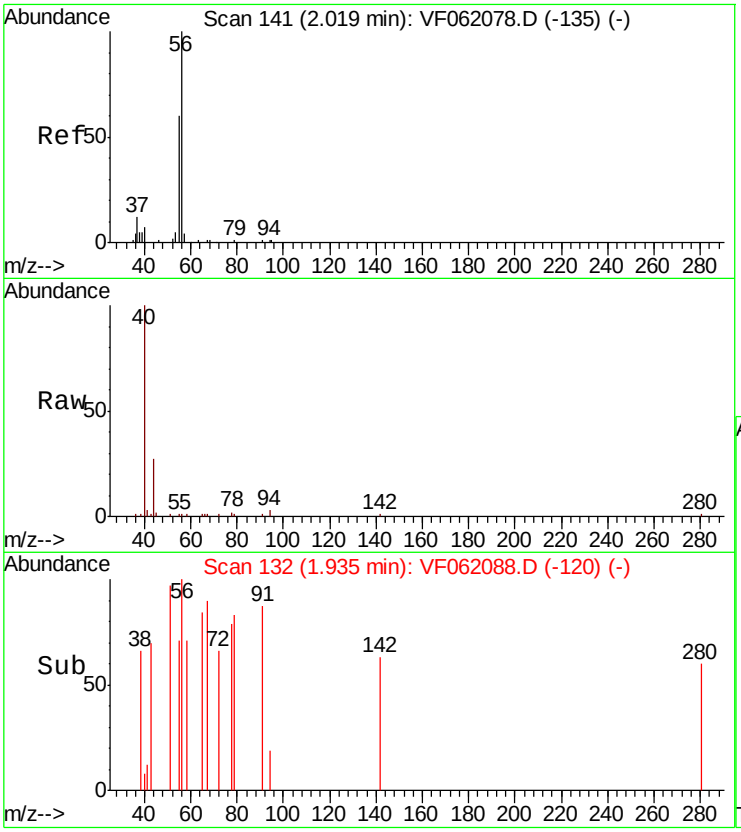


#11
Tert butyl alcohol
Concen: 2.323 ug/l
RT: 2.58 min Scan# 197
Delta R.T. -0.01 min
Lab File: VF062088.D
Acq: 22 Mar 2019 17:51

Tgt Ion: 59 Resp: 231

Ion	Ratio	Lower	Upper
59	100		
57	0.0	11.0	16.4#



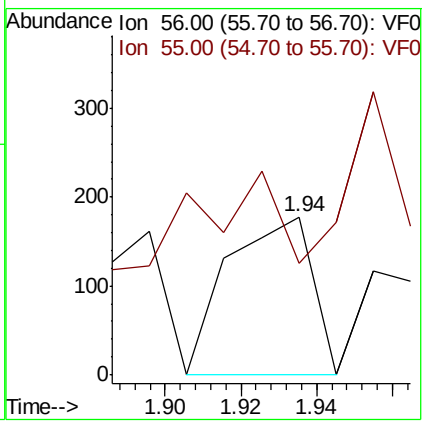


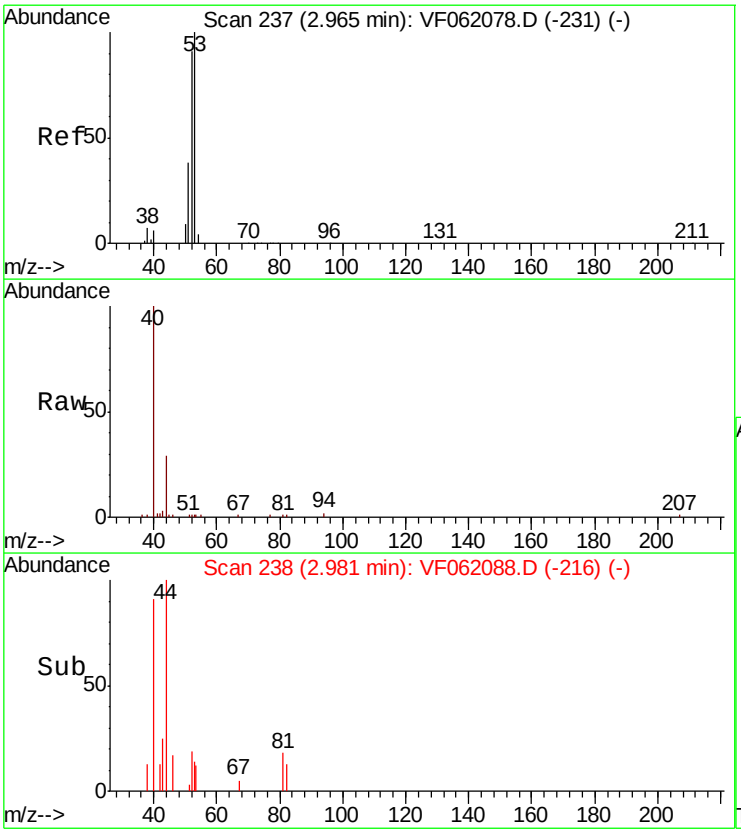
#13
Acrolein
Concen: 2.292 ug/l
RT: 1.94 min Scan# 132
Delta R.T. -0.08 min
Lab File: VF062088.D
Acq: 22 Mar 2019 17:51

Instrument :
MSVOA_F
ClientSampleId :
WP022SB429-190319-(20-22)

Tgt Ion: 56 Resp: 274

Ion	Ratio	Lower	Upper
56	100		
55	70.8	49.0	73.4

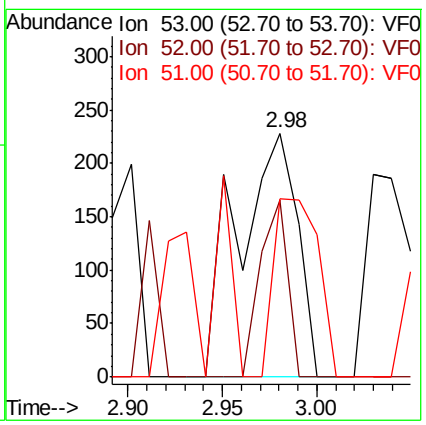


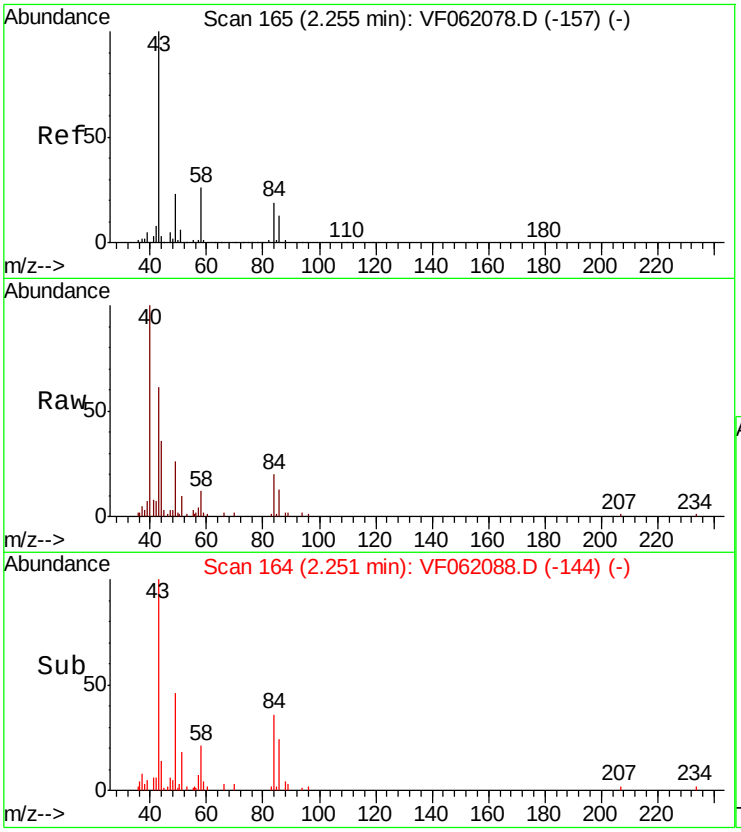


#15
Acrylonitrile
Concen: 1.433 ug/l
RT: 2.98 min Scan# 238
Delta R.T. 0.02 min
Lab File: VF062088.D
Acq: 22 Mar 2019 17:51

Tgt Ion: 53 Resp: 501

Ion	Ratio	Lower	Upper
53	100		
52	72.8	72.3	108.5
51	73.2	30.4	45.6#



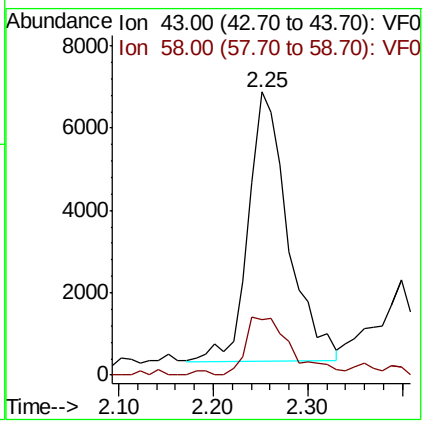


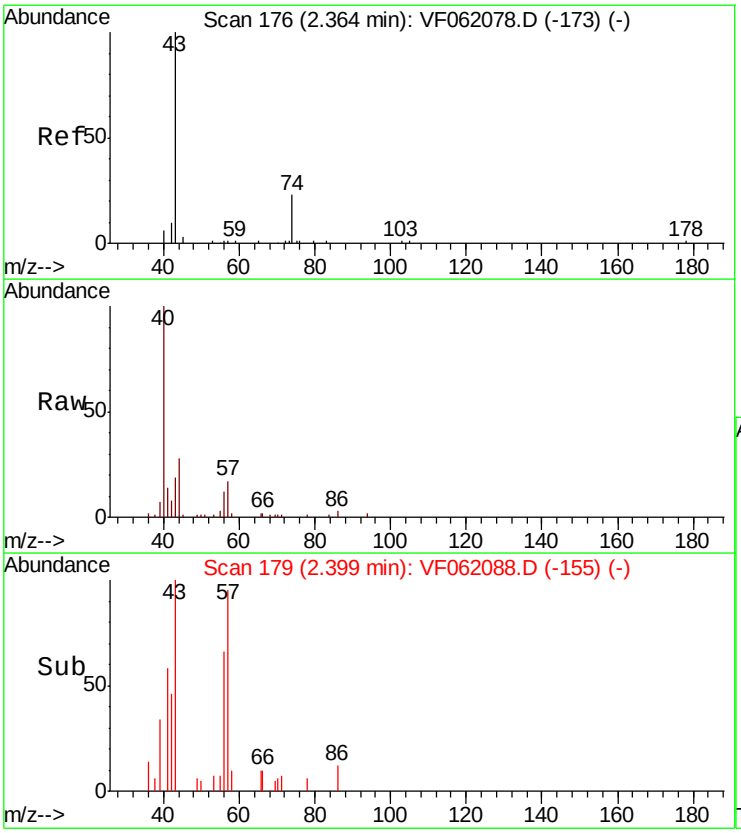
#16
Acetone
Concen: 50.224 ug/l
RT: 2.25 min Scan# 164
Delta R.T. -0.00 min
Lab File: VF062088.D
Acq: 22 Mar 2019 17:51

Instrument : MSVOA_F
ClientSampleId : WP022SB429-190319-(20-22)

Tgt Ion: 43 Resp: 19101

Ion	Ratio	Lower	Upper
43	100		
58	19.6	20.8	31.2#

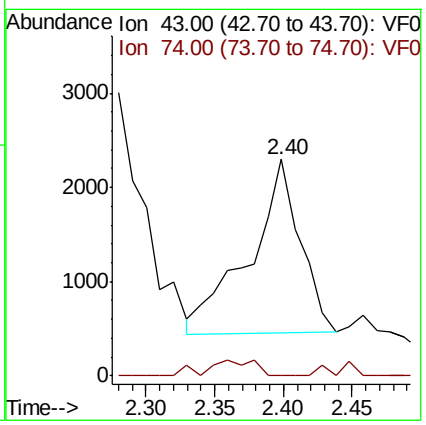


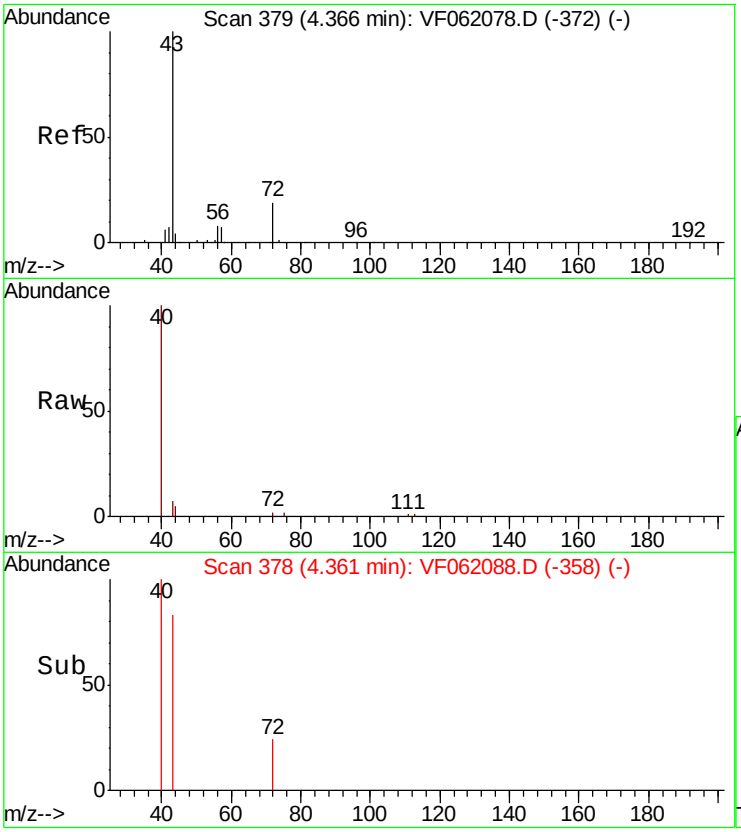


#18
Methyl Acetate
Concen: 5.208 ug/l
RT: 2.40 min Scan# 179
Delta R.T. 0.04 min
Lab File: VF062088.D
Acq: 22 Mar 2019 17:51

Tgt Ion: 43 Resp: 4725

Ion	Ratio	Lower	Upper
43	100		
74	0.0	16.3	24.5#



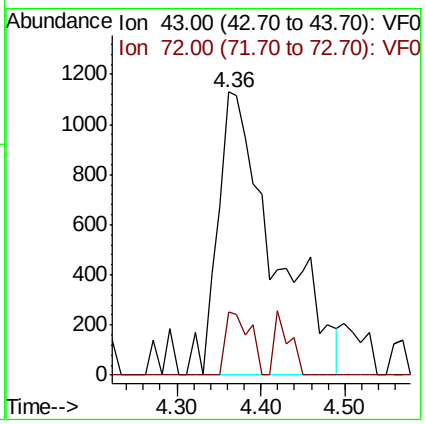


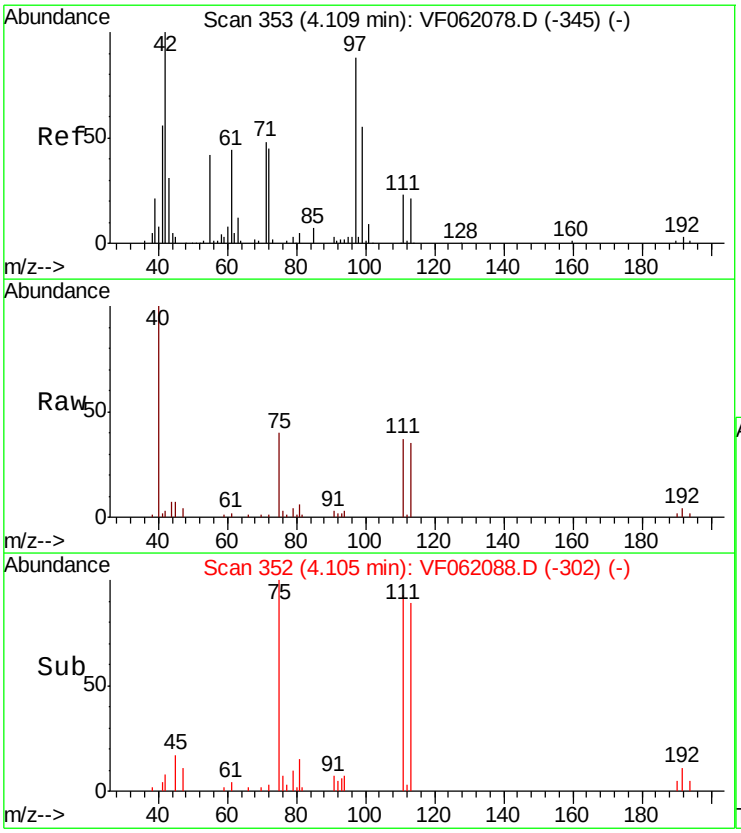
#25
2-Butanone
Concen: 6.679 ug/l
RT: 4.36 min Scan# 378
Delta R.T. -0.00 min
Lab File: VF062088.D
Acq: 22 Mar 2019 17:51

Instrument :
MSVOA_F
ClientSampleId :
WP022SB429-190319-(20-22)

Tgt Ion: 43 Resp: 5303

Ion	Ratio	Lower	Upper
43	100		
72	22.1	16.7	25.1

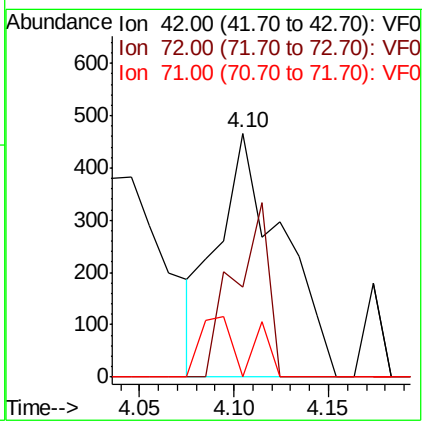


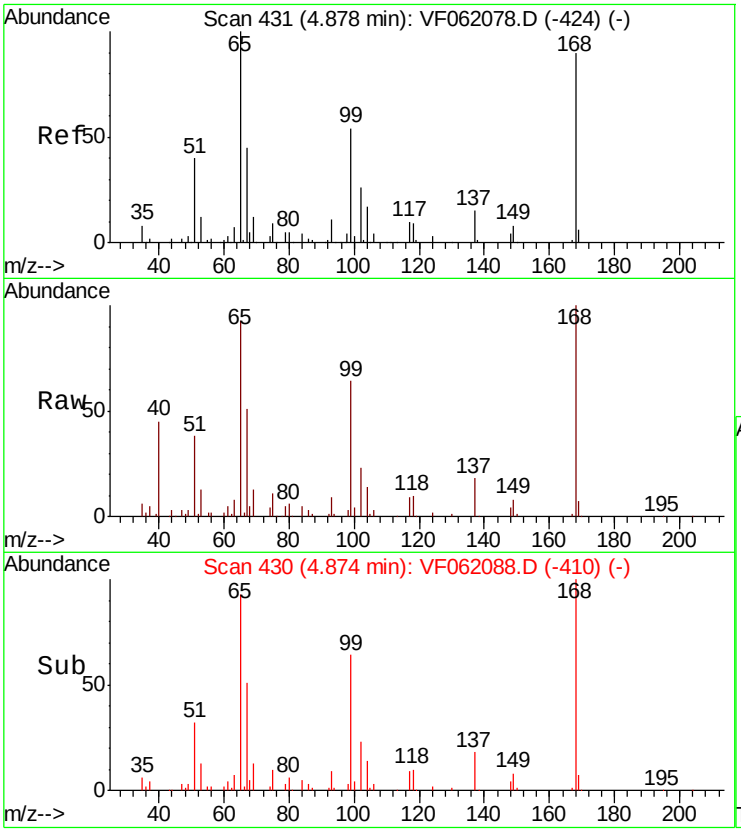


#29
Tetrahydrofuran
Concen: 3.201 ug/l
RT: 4.10 min Scan# 352
Delta R.T. -0.00 min
Lab File: VF062088.D
Acq: 22 Mar 2019 17:51

Tgt Ion: 42 Resp: 1105

Ion	Ratio	Lower	Upper
42	100		
72	37.9	33.3	49.9
71	17.7	35.0	52.4#



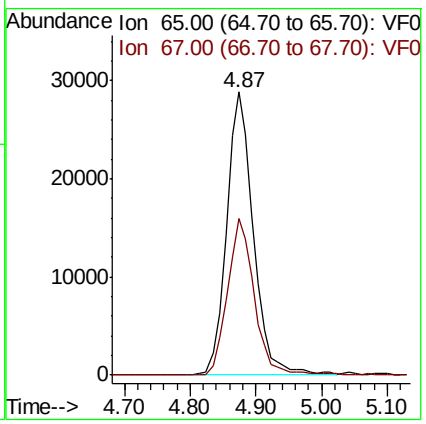


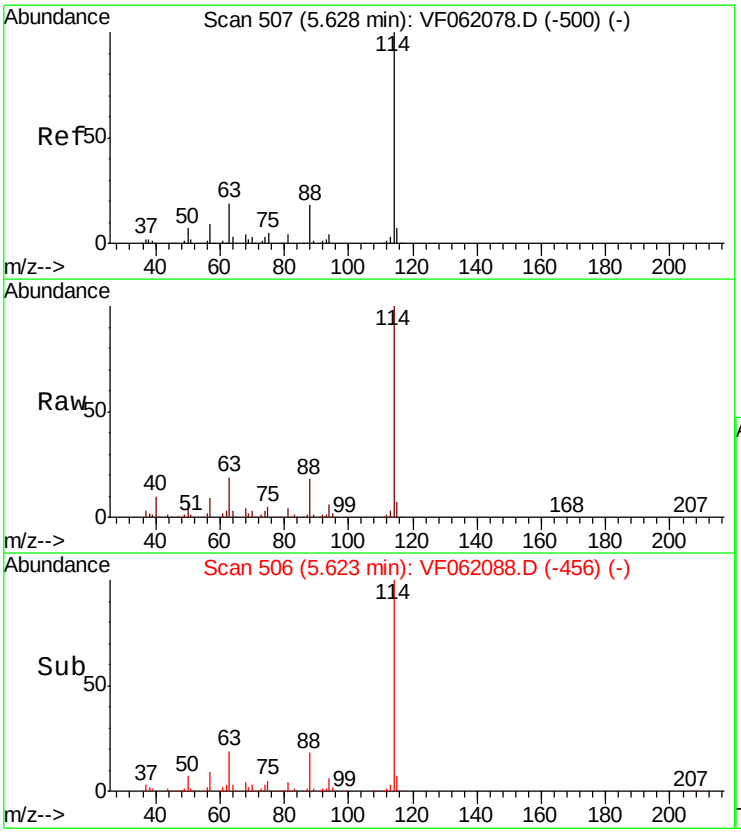
#33
1,2-Dichloroethane-d4
Concen: 45.238 ug/l
RT: 4.87 min Scan# 430
Delta R.T. -0.00 min
Lab File: VF062088.D
Acq: 22 Mar 2019 17:51

Instrument :
MSVOA_F
ClientSampleId :
WP022SB429-190319-(20-22)

Tgt Ion: 65 Resp: 81746

Ion	Ratio	Lower	Upper
65	100		
67	55.4	0.0	106.2

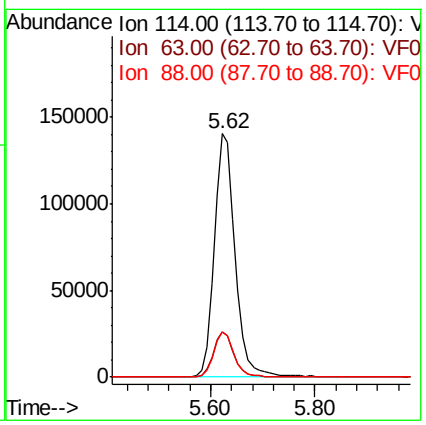


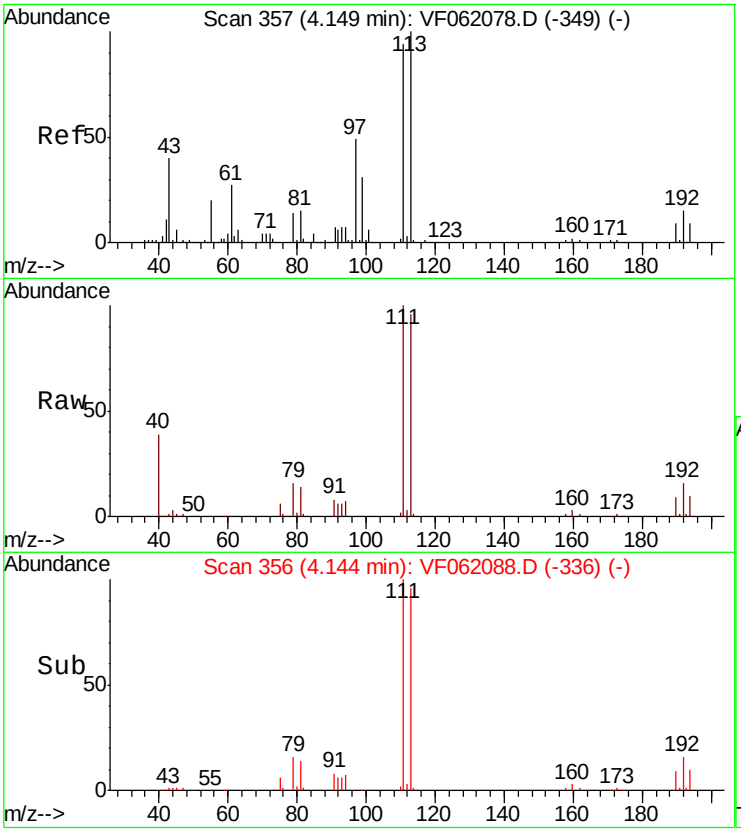


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.62 min Scan# 506
Delta R.T. -0.00 min
Lab File: VF062088.D
Acq: 22 Mar 2019 17:51

Tgt Ion:114 Resp: 387884

Ion	Ratio	Lower	Upper
114	100		
63	18.6	0.0	37.8
88	18.5	0.0	36.4



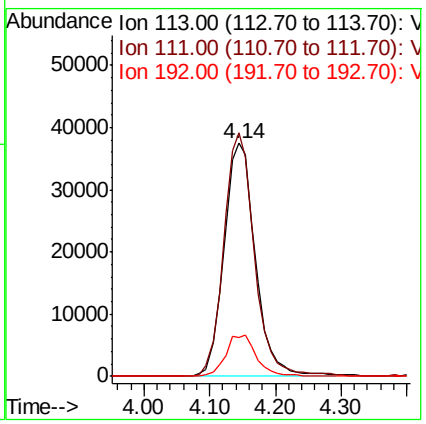


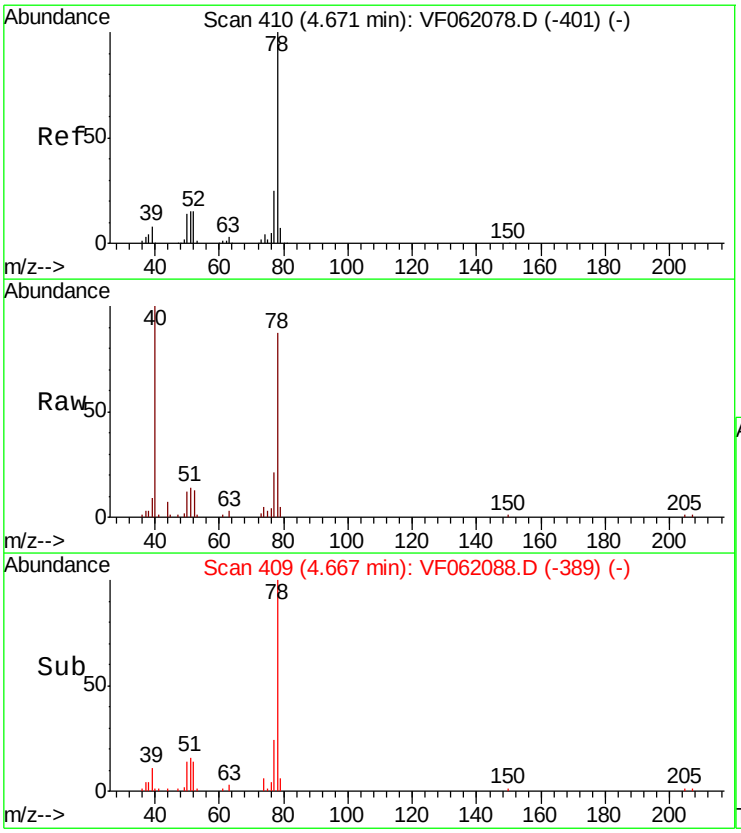
#35
Dibromofluoromethane
Concen: 47.713 ug/l
RT: 4.14 min Scan# 356
Delta R.T. -0.00 min
Lab File: VF062088.D
Acq: 22 Mar 2019 17:51

Instrument :
MSVOA_F
ClientSampleId :
WP022SB429-190319-(20-22)

Tgt Ion:113 Resp: 125193

Ion	Ratio	Lower	Upper
113	100		
111	104.4	75.4	113.0
192	16.9	12.3	18.5

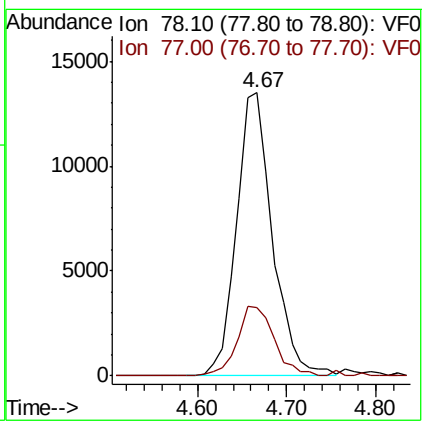


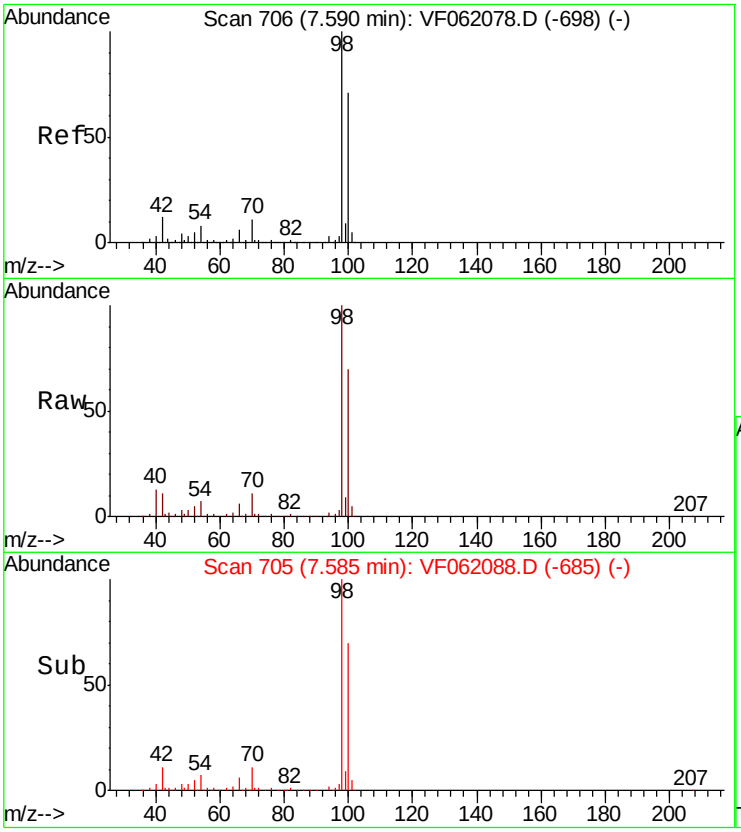


#40
Benzene
Concen: 3.811 ug/l
RT: 4.67 min Scan# 409
Delta R.T. -0.00 min
Lab File: VF062088.D
Acq: 22 Mar 2019 17:51

Tgt Ion: 78 Resp: 37746

Ion	Ratio	Lower	Upper
78	100		
77	24.2	19.8	29.6



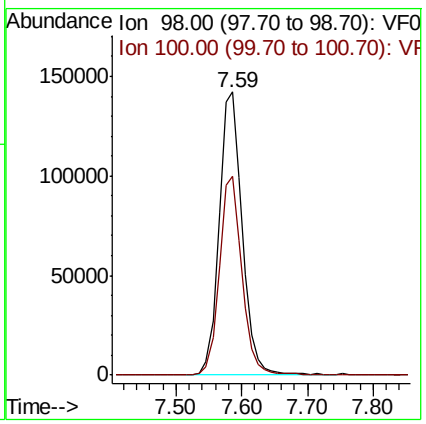


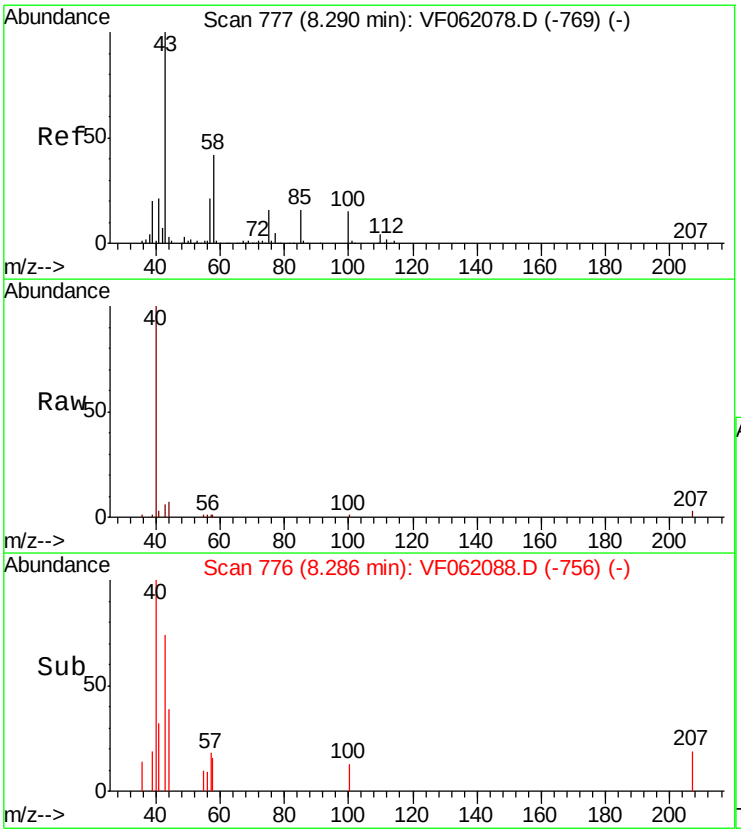
#50
Toluene-d8
Concen: 44.382 ug/l
RT: 7.59 min Scan# 705
Delta R.T. -0.00 min
Lab File: VF062088.D
Acq: 22 Mar 2019 17:51

Instrument :
MSVOA_F
ClientSampleId :
WP022SB429-190319-(20-22)

Tgt Ion: 98 Resp: 347617

Ion	Ratio	Lower	Upper
98	100		
100	70.3	57.0	85.6

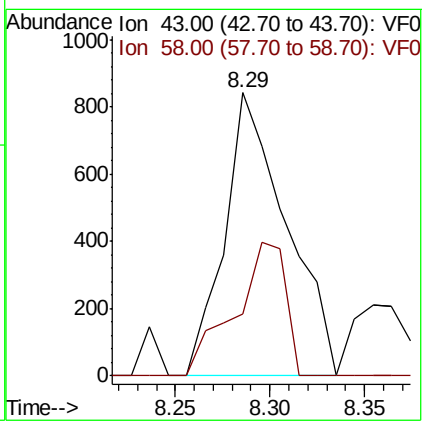


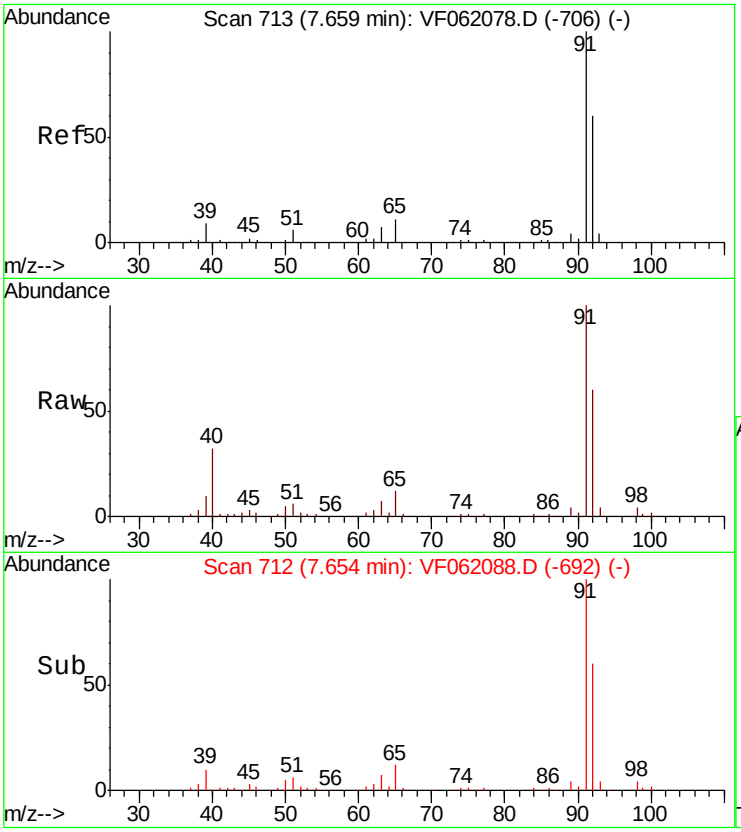


#51
4-Methyl-2-Pentanone
Concen: 1.456 ug/l
RT: 8.29 min Scan# 776
Delta R.T. -0.00 min
Lab File: VF062088.D
Acq: 22 Mar 2019 17:51

Tgt Ion: 43 Resp: 1906

Ion	Ratio	Lower	Upper
43	100		
58	21.9	33.8	50.8#



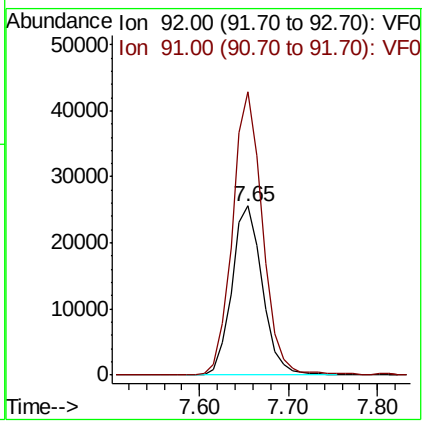


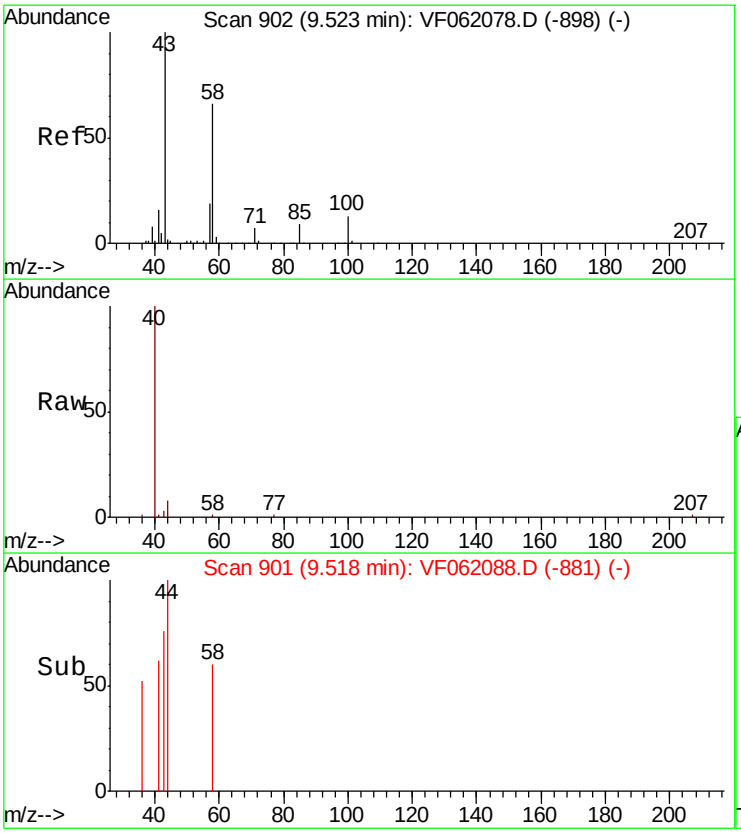
#52
Toluene
Concen: 10.622 ug/l
RT: 7.65 min Scan# 712
Delta R.T. -0.00 min
Lab File: VF062088.D
Acq: 22 Mar 2019 17:51

Instrument :
MSVOA_F
ClientSampleId :
WP022SB429-190319-(20-22)

Tgt Ion: 92 Resp: 60936

Ion	Ratio	Lower	Upper
92	100		
91	167.5	134.1	201.1

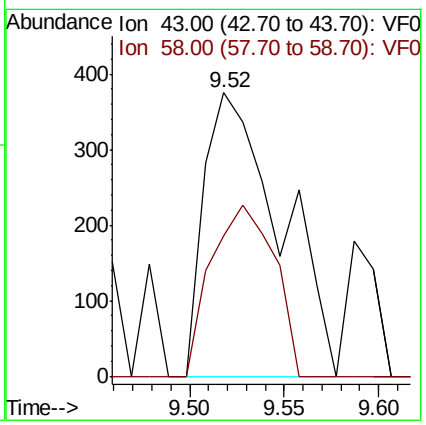


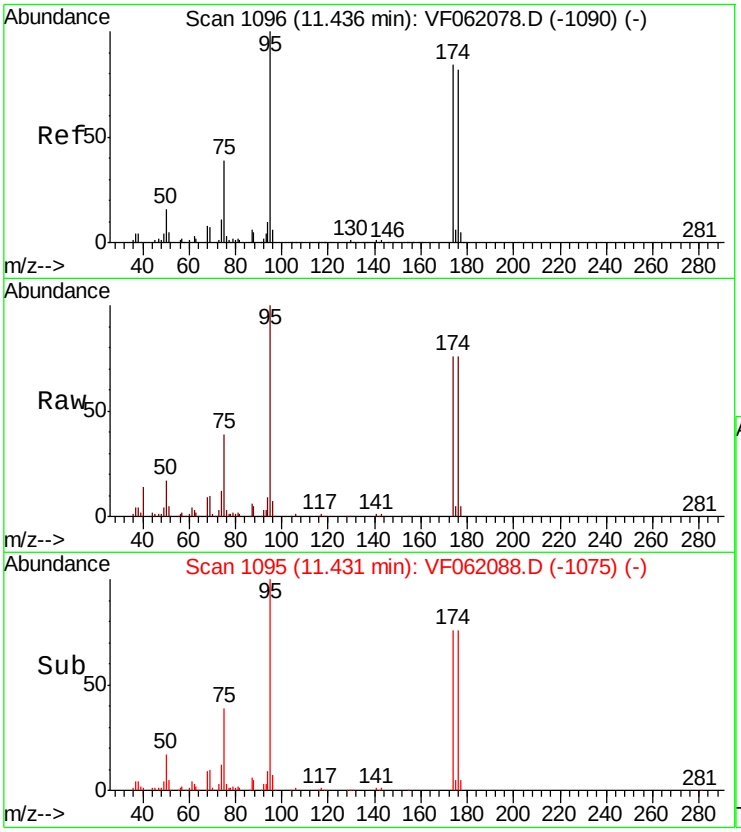


#59
2-Hexanone
Concen: 1.096 ug/l
RT: 9.52 min Scan# 901
Delta R.T. -0.00 min
Lab File: VF062088.D
Acq: 22 Mar 2019 17:51

Tgt Ion: 43 Resp: 1051

Ion	Ratio	Lower	Upper
43	100		
58	49.3	28.8	86.4



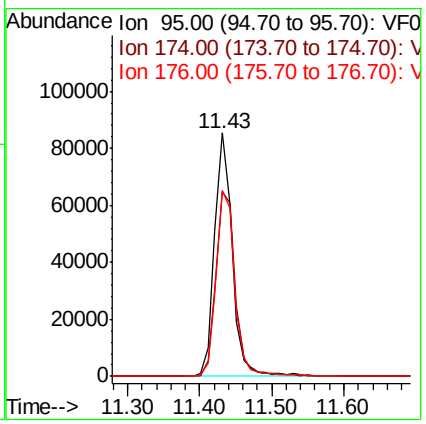


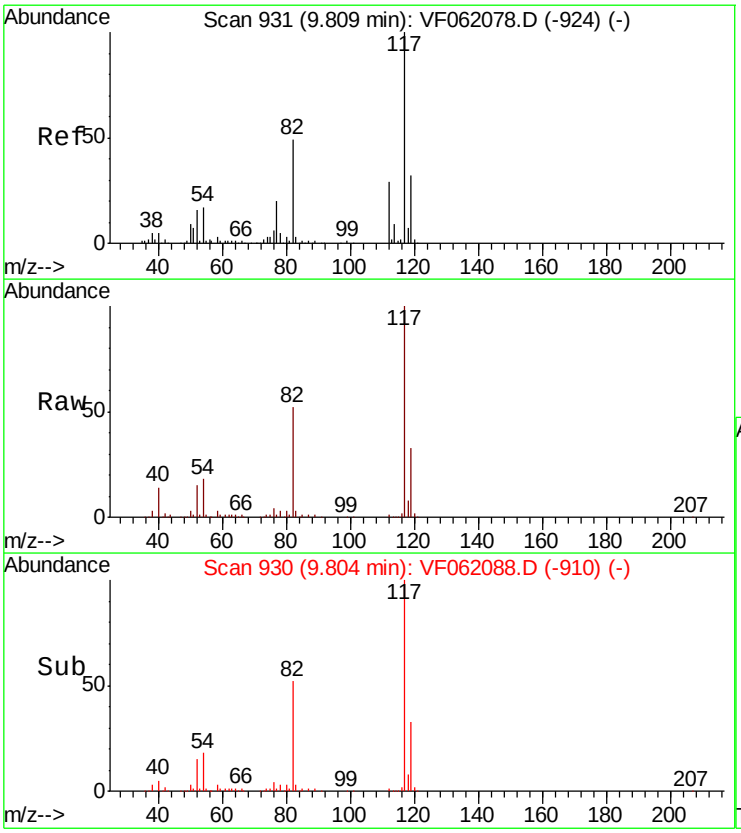
#62
4-Bromofluorobenzene
Concen: 47.624 ug/l
RT: 11.43 min Scan# 1095
Delta R.T. -0.00 min
Lab File: VF062088.D
Acq: 22 Mar 2019 17:51

Instrument :
MSVOA_F
ClientSampleId :
WP022SB429-190319-(20-22)

Tgt Ion: 95 Resp: 144003

Ion	Ratio	Lower	Upper
95	100		
174	75.7	0.0	168.2
176	76.4	0.0	164.2

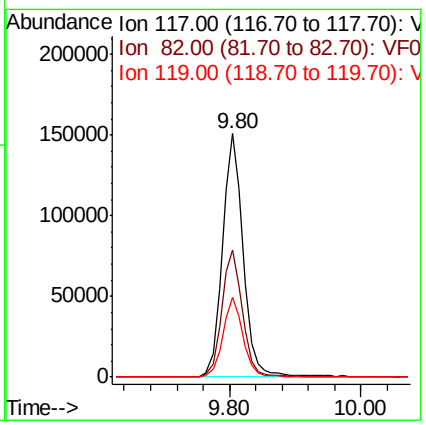


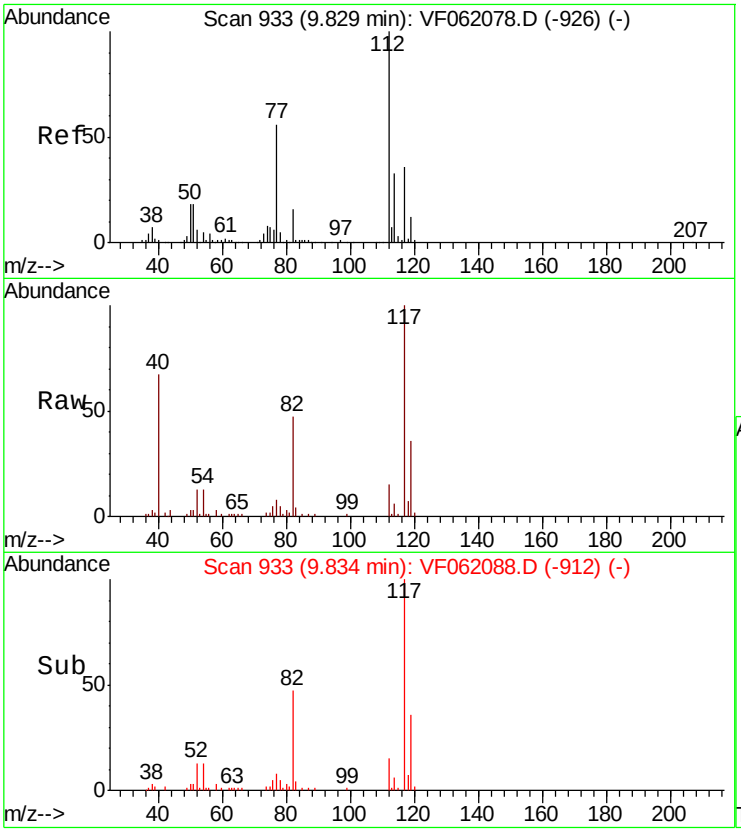


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.80 min Scan# 930
Delta R.T. -0.00 min
Lab File: VF062088.D
Acq: 22 Mar 2019 17:51

Tgt Ion:117 Resp: 331879

Ion	Ratio	Lower	Upper
117	100		
82	52.2	39.2	58.8
119	32.7	25.4	38.2



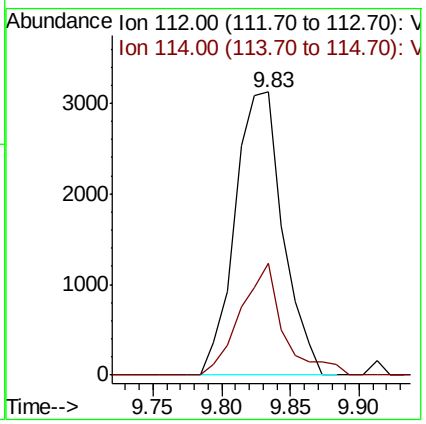


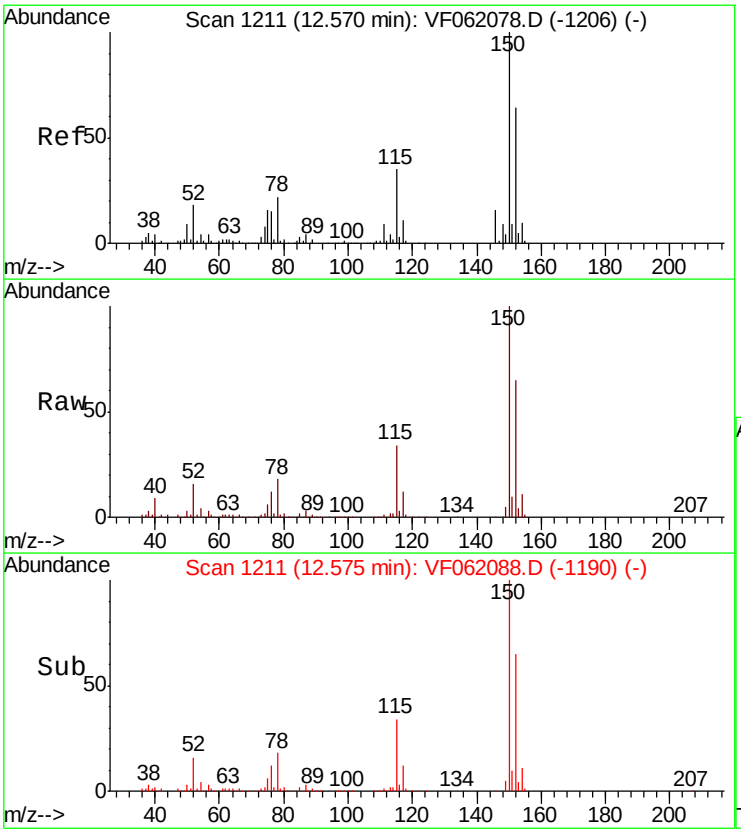
#65
Chlorobenzene
Concen: 1.224 ug/l
RT: 9.83 min Scan# 933
Delta R.T. 0.01 min
Lab File: VF062088.D
Acq: 22 Mar 2019 17:51

Instrument :
MSVOA_F
ClientSampleId :
WP022SB429-190319-(20-22)

Tgt Ion:112 Resp: 7602

Ion	Ratio	Lower	Upper
112	100		
114	39.7	26.0	39.0#





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.58 min Scan# 1211
Delta R.T. 0.01 min
Lab File: VF062088.D
Acq: 22 Mar 2019 17:51

Tgt Ion:152 Resp: 179190

Ion	Ratio	Lower	Upper
152	100		
115	51.9	27.7	83.1
150	153.6	0.0	313.2