Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF032619\
Data File : VF062152.D
Acq On : 26 Mar 2019 18:10
Operator : VA/AP
Sample : K2081-20
Misc : 6.70g/5mL/MSVOA-F/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId :

Quant Time: Mar 27 05:17:51 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	4.85	168	219175	50.00	ug/l	-0.05
34) 1,4-Difluorobenzene	5.58	114	336970	50.00	ug/l	-0.05
63) Chlorobenzene-d5	9.75	117	263836	50.00	ug/l	-0.05
72) 1,4-Dichlorobenzene-d4	12.53	152	146198	50.00	ug/l	-0.04
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.83	65	57334	35.17	ug/l	-0.05
Spiked Amount 50.000			Recovery = 70.34%			
35) Dibromofluoromethane	4.10	113	87332	38.31	ug/l	-0.05
Spiked Amount 50.000			Recovery = 76.62%			
50) Toluene-d8	7.54	98	229768	33.77	ug/l	-0.05
Spiked Amount 50.000			Recovery = 67.54%			
62) 4-Bromofluorobenzene	11.40	95	93968	35.77	ug/l	-0.04
Spiked Amount 50.000			Recovery = 71.54%			
Target Compounds						Qvalue
8) Diethyl Ether	1.63	74	1935	2.581	ug/l	91
11) Tert butyl alcohol	2.58	59	170	1.895	ug/l #	1
13) Acrolein	1.99	56	490	4.543	ug/l	88
16) Acetone	2.23	43	10770	31.389	ug/l	95
18) Methyl Acetate	2.37	43	6746	8.242	ug/l #	56
20) Methylene Chloride	2.17	84	10582	2.049	ug/l	93
25) 2-Butanone	4.29	43	1002	1.399	ug/l #	55
29) Tetrahydrofuran	4.06	42	324	1.040	ug/l #	48
30) Chloroform	3.85	83	4401	1.174	ug/l #	78
51) 4-Methyl-2-Pentanone	8.26	43	1370	1.205	ug/l #	33
52) Toluene	7.60	92	15149	3.040	ug/l	85
59) 2-Hexanone	9.48	43	958	1.150	ug/l	70

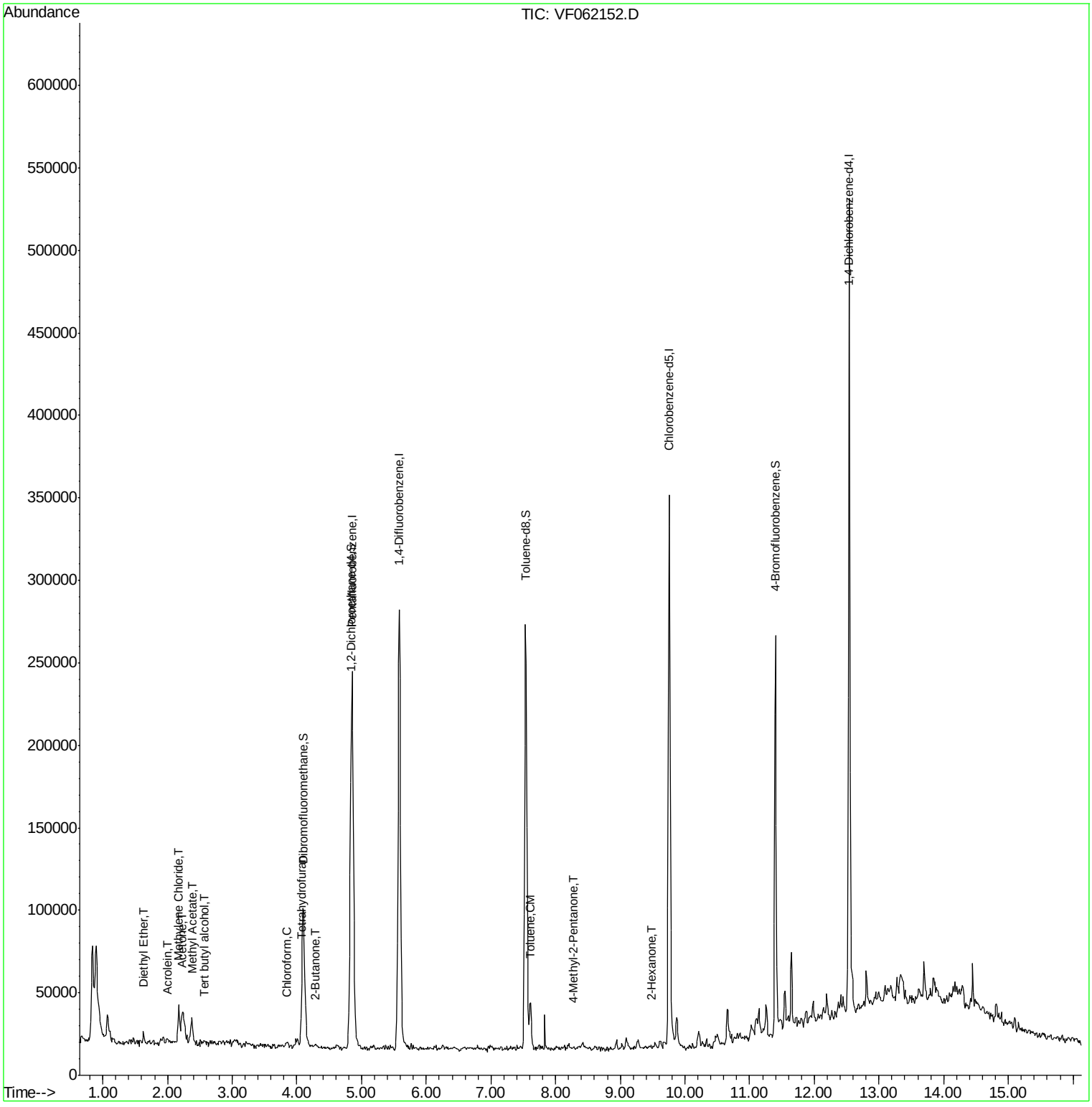
(#) = qualifier out of range (m) = manual integration (+) = signals summed

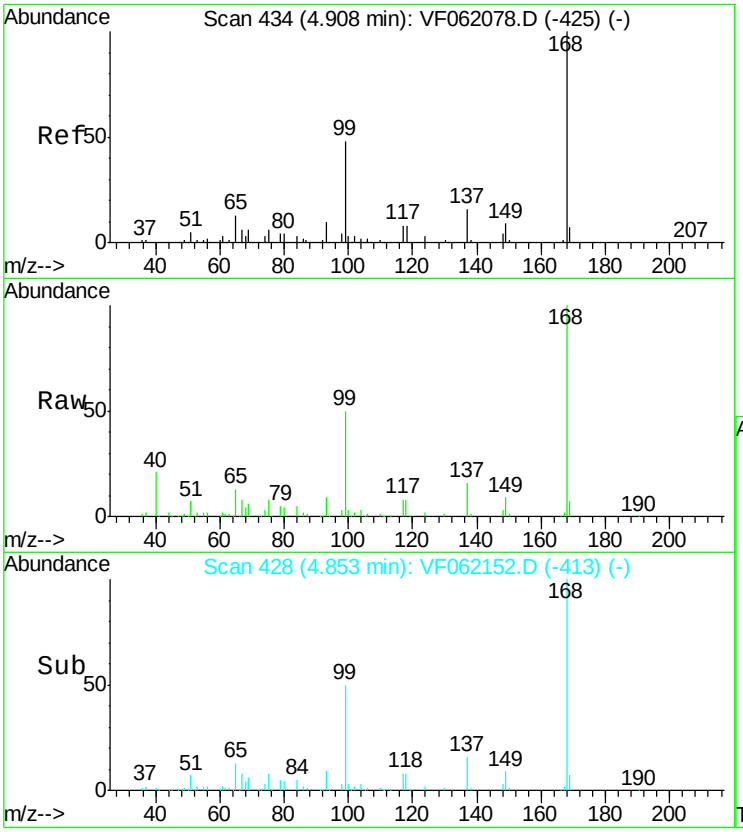
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF032619\
Data File : VF062152.D
Acq On : 26 Mar 2019 18:10
Operator : VA/AP
Sample : K2081-20
Misc : 6.70g/5mL/MSVOA-F/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :

Quant Time: Mar 27 05:17:51 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



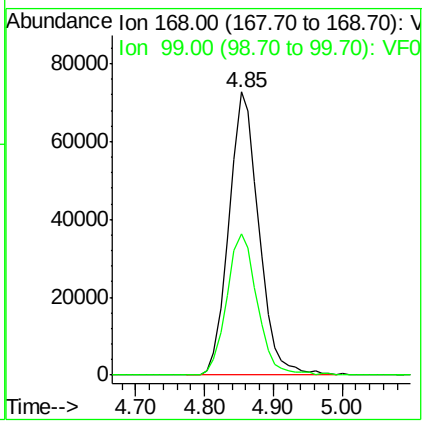


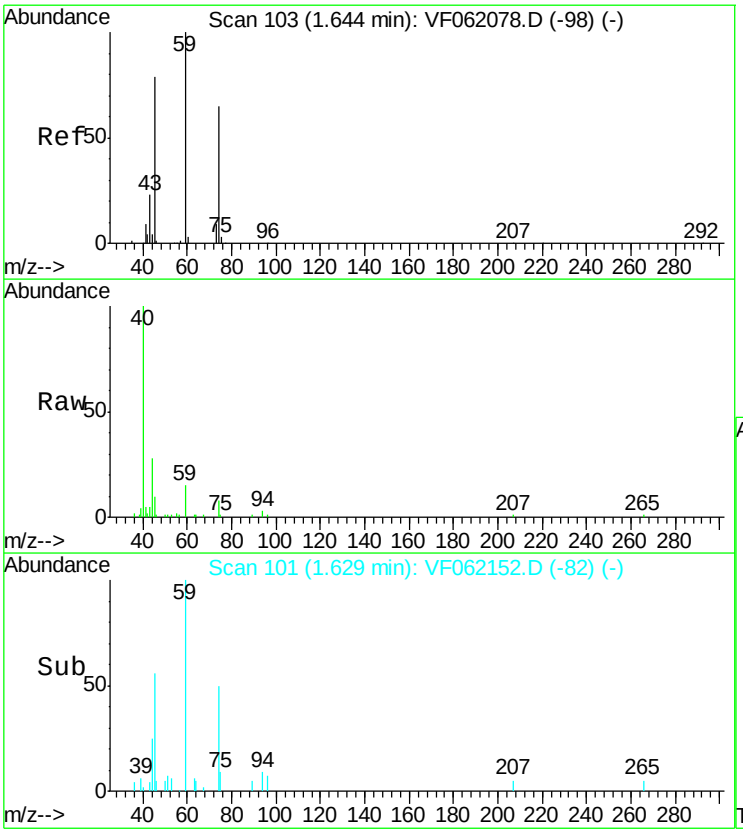
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 4.85 min Scan# 428
Delta R.T. -0.05 min
Lab File: VF062152.D
Acq: 26 Mar 2019 18:10

Instrument : MSVOA_F
ClientSampleId :

Tgt Ion:168 Resp: 219175

Ion	Ratio	Lower	Upper
168	100		
99	49.9	38.2	57.4

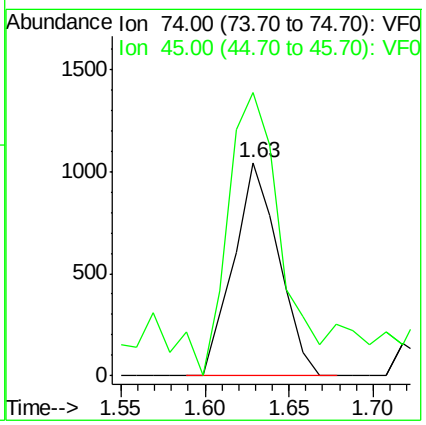


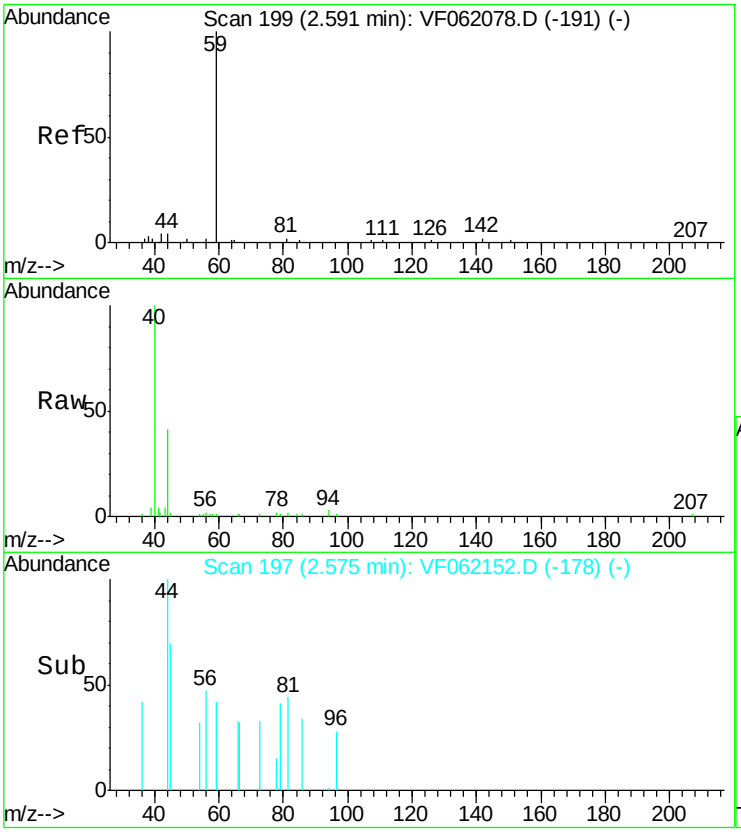


#8
Diethyl Ether
Concen: 2.581 ug/l
RT: 1.63 min Scan# 101
Delta R.T. -0.02 min
Lab File: VF062152.D
Acq: 26 Mar 2019 18:10

Tgt Ion: 74 Resp: 1935

Ion	Ratio	Lower	Upper
74	100		
45	132.5	61.4	184.2



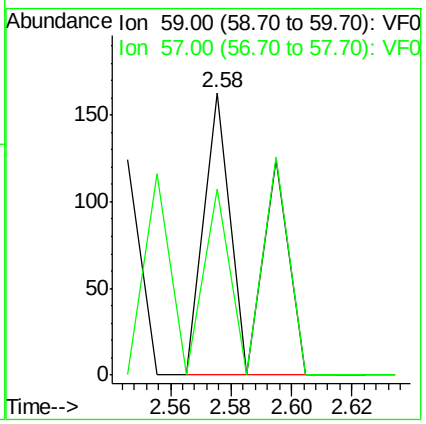


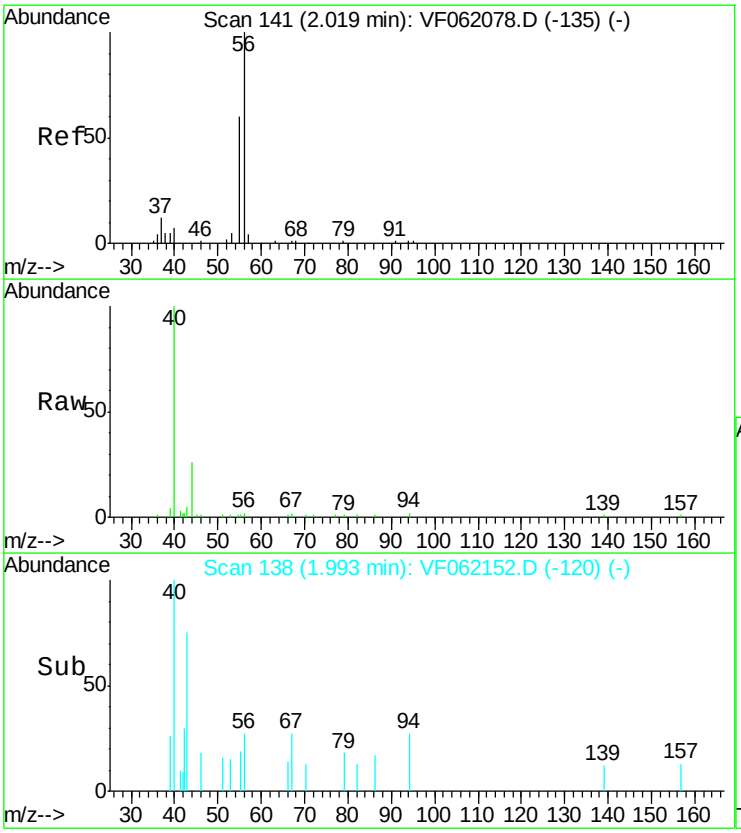
#11
Tert butyl alcohol
Concen: 1.895 ug/l
RT: 2.58 min Scan# 197
Delta R.T. -0.02 min
Lab File: VF062152.D
Acq: 26 Mar 2019 18:10

Instrument : MSVOA_F
ClientSampleId :

Tgt Ion: 59 Resp: 170

Ion	Ratio	Lower	Upper
59	100		
57	65.6	11.0	16.4#

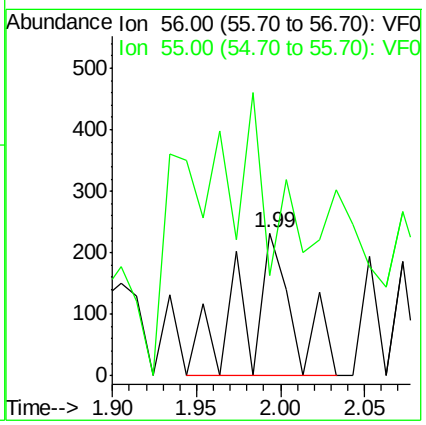


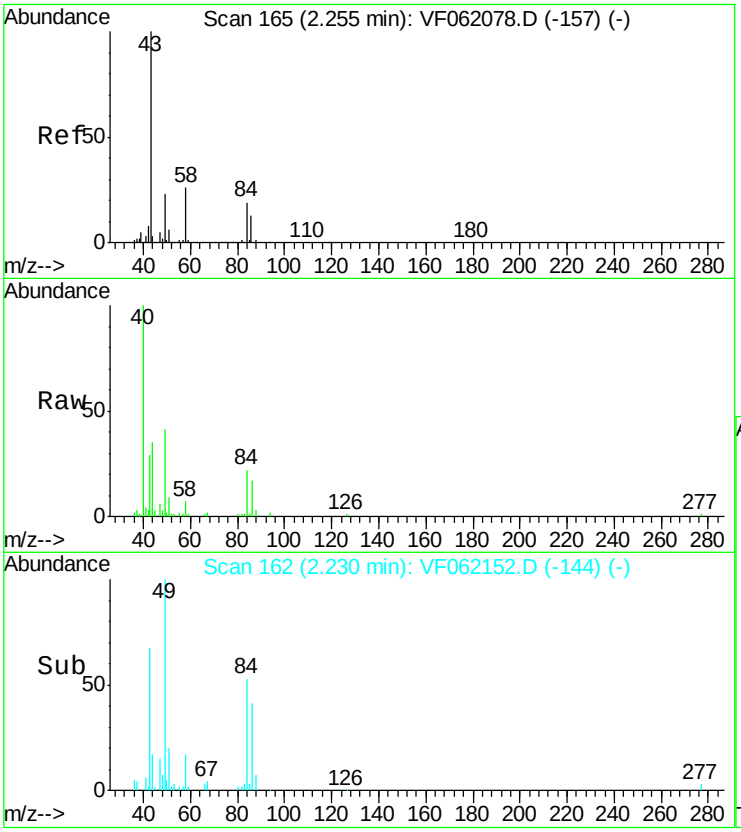


#13
Acrolein
Concen: 4.543 ug/l
RT: 1.99 min Scan# 138
Delta R.T. -0.03 min
Lab File: VF062152.D
Acq: 26 Mar 2019 18:10

Tgt Ion: 56 Resp: 490

Ion	Ratio	Lower	Upper
56	100		
55	70.3	49.0	73.4



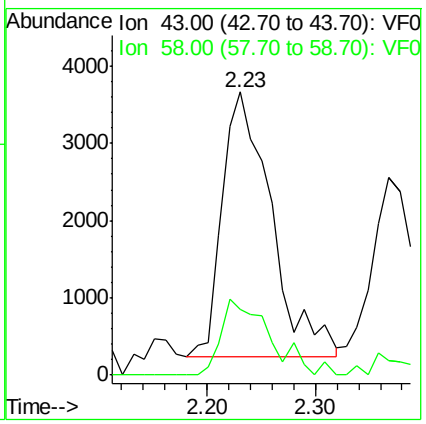


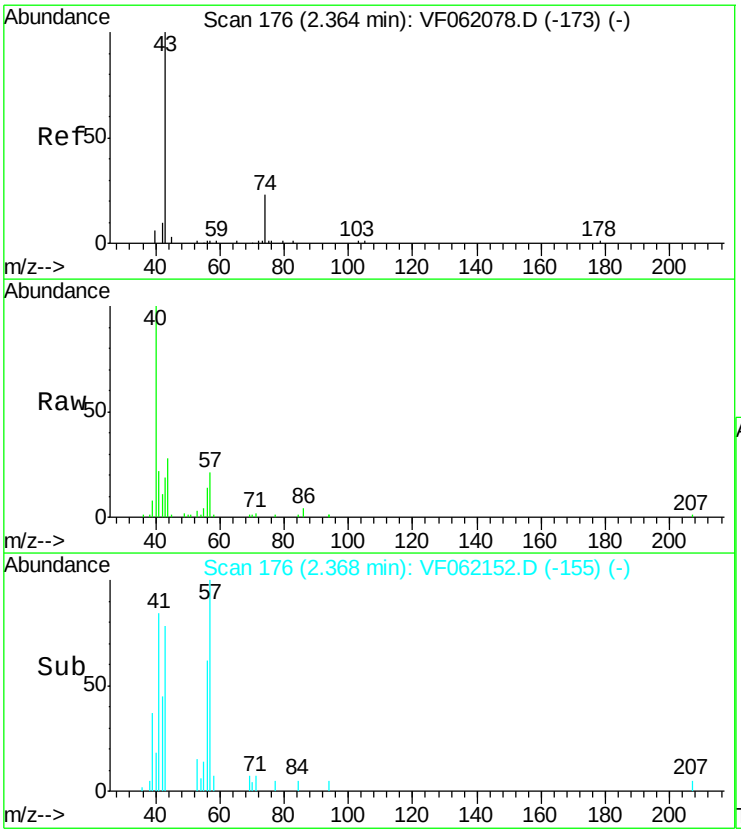
#16
Acetone
Concen: 31.389 ug/l
RT: 2.23 min Scan# 162
Delta R.T. -0.03 min
Lab File: VF062152.D
Acq: 26 Mar 2019 18:10

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 43 Resp: 10770

Ion	Ratio	Lower	Upper
43	100		
58	23.4	20.8	31.2

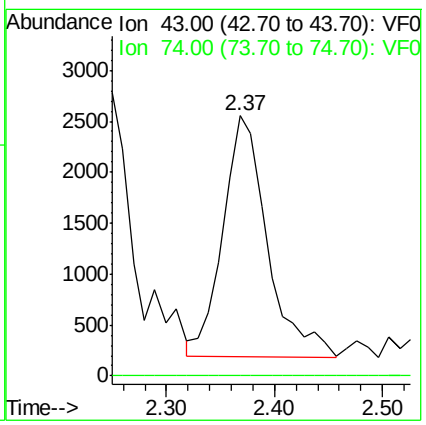


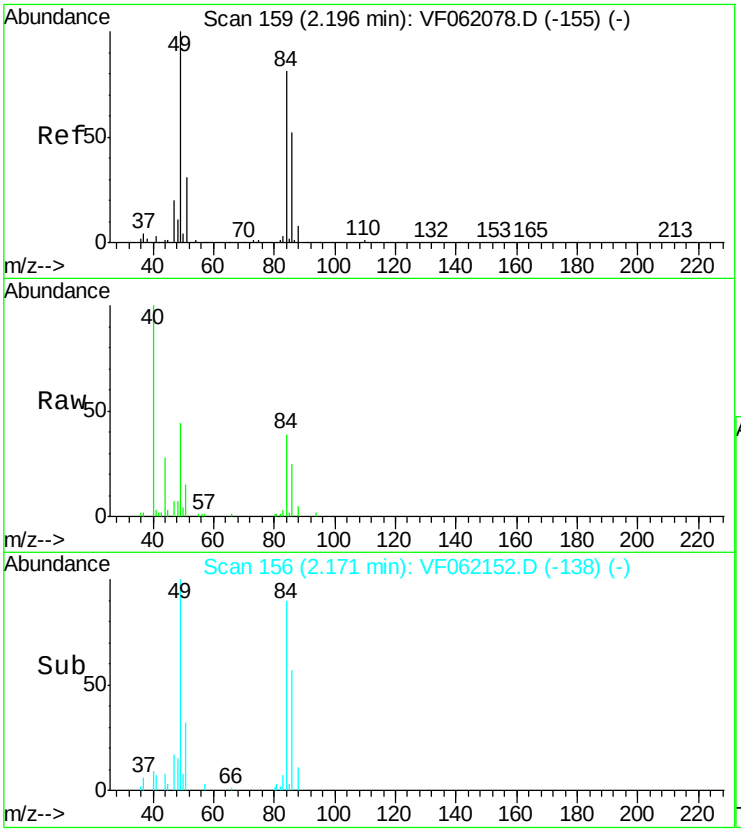


#18
Methyl Acetate
Concen: 8.242 ug/l
RT: 2.37 min Scan# 176
Delta R.T. 0.01 min
Lab File: VF062152.D
Acq: 26 Mar 2019 18:10

Tgt Ion: 43 Resp: 6746

Ion	Ratio	Lower	Upper
43	100		
74	0.0	16.3	24.5#



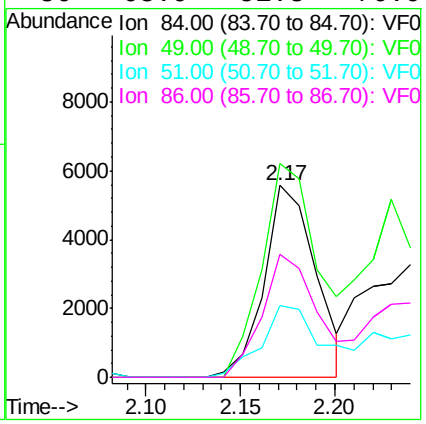


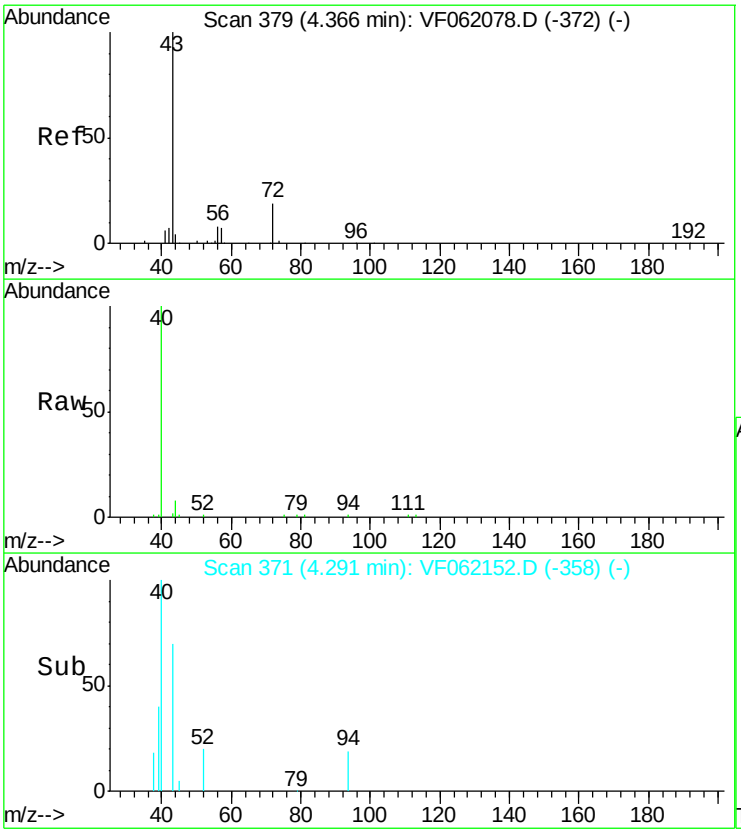
#20
Methylene Chloride
Concen: 2.049 ug/l
RT: 2.17 min Scan# 156
Delta R.T. -0.03 min
Lab File: VF062152.D
Acq: 26 Mar 2019 18:10

Instrument : MSVOA_F
ClientSampleId :

Tgt Ion: 84 Resp: 10582

Ion	Ratio	Lower	Upper
84	100		
49	111.5	100.4	150.6
51	37.7	31.0	46.6
86	63.9	51.3	76.9

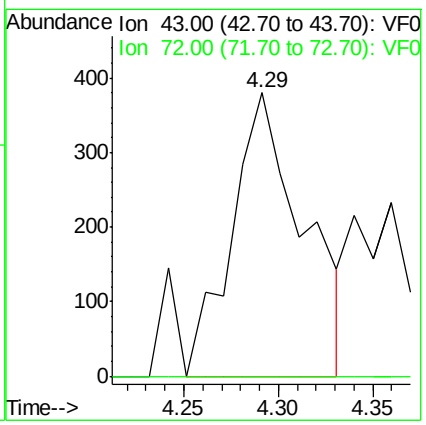


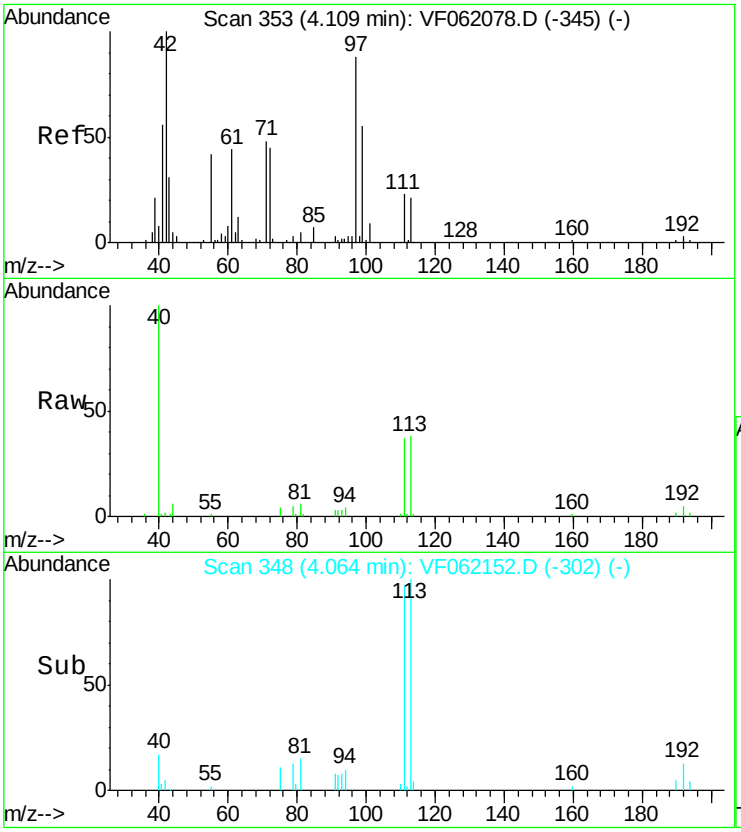


#25
2-Butanone
Concen: 1.399 ug/l
RT: 4.29 min Scan# 371
Delta R.T. -0.07 min
Lab File: VF062152.D
Acq: 26 Mar 2019 18:10

Tgt Ion: 43 Resp: 1002

Ion	Ratio	Lower	Upper
43	100		
72	0.0	16.7	25.1#



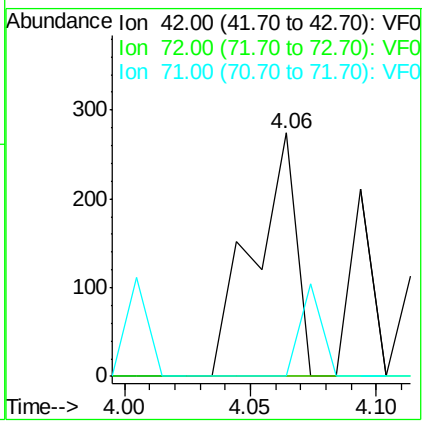


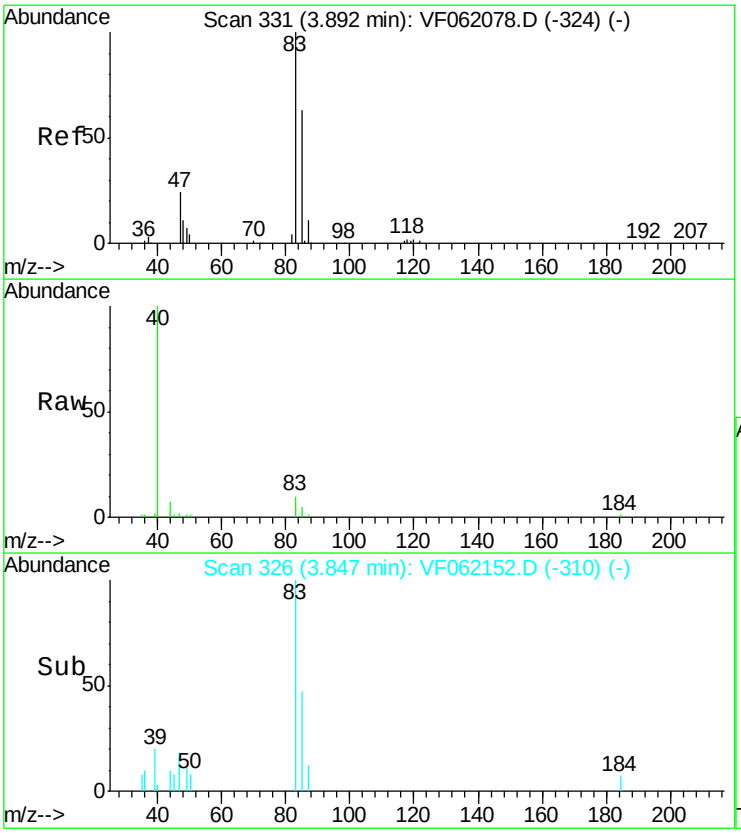
#29
Tetrahydrofuran
Concen: 1.040 ug/l
RT: 4.06 min Scan# 348
Delta R.T. -0.05 min
Lab File: VF062152.D
Acq: 26 Mar 2019 18:10

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 42 Resp: 324

Ion	Ratio	Lower	Upper
42	100		
72	0.0	33.3	49.9#
71	19.1	35.0	52.4#

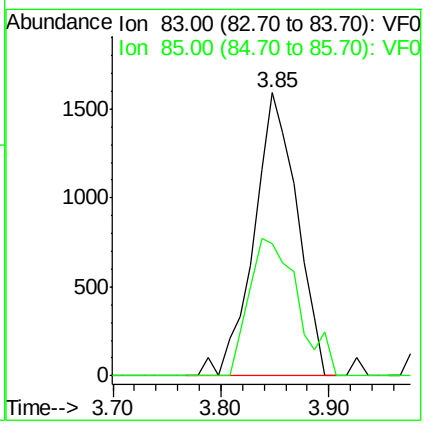


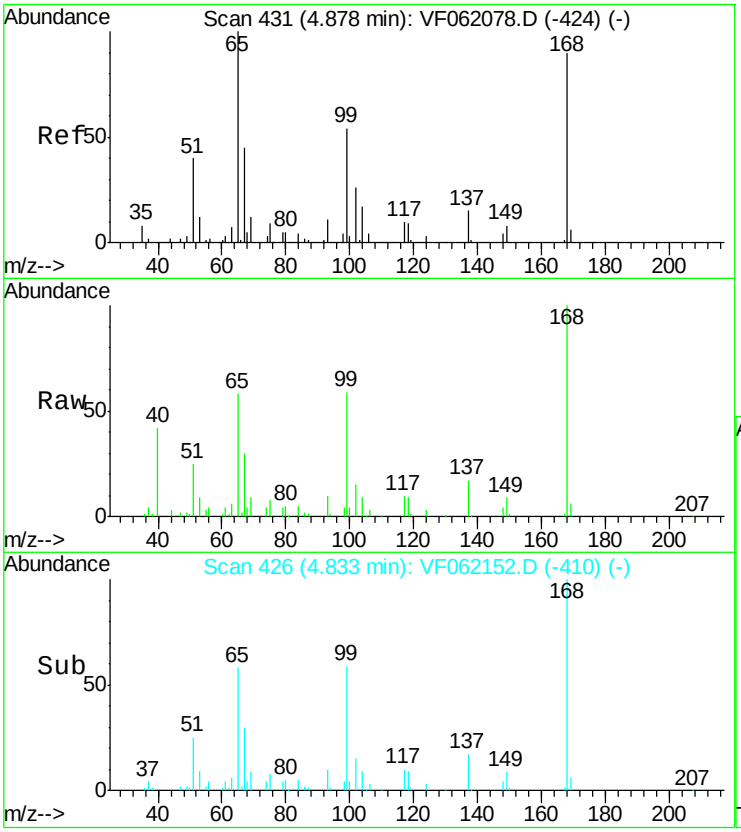


#30
Chloroform
Concen: 1.174 ug/l
RT: 3.85 min Scan# 326
Delta R.T. -0.05 min
Lab File: VF062152.D
Acq: 26 Mar 2019 18:10

Tgt Ion: 83 Resp: 4401

Ion	Ratio	Lower	Upper
83	100		
85	46.8	51.5	77.3#



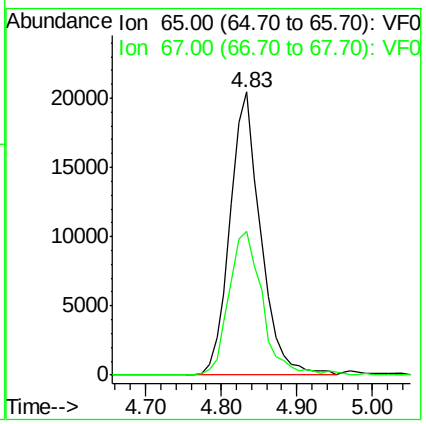


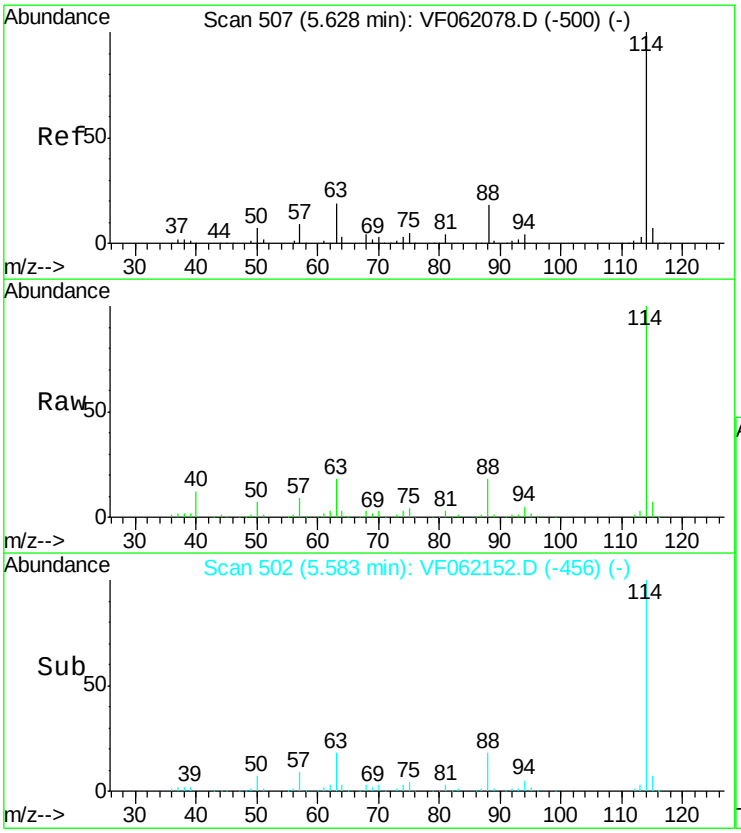
#33
1,2-Dichloroethane-d4
Concen: 35.169 ug/l
RT: 4.83 min Scan# 426
Delta R.T. -0.05 min
Lab File: VF062152.D
Acq: 26 Mar 2019 18:10

Instrument : MSVOA_F
ClientSampleId :

Tgt Ion: 65 Resp: 57334

Ion	Ratio	Lower	Upper
65	100		
67	50.8	0.0	106.2

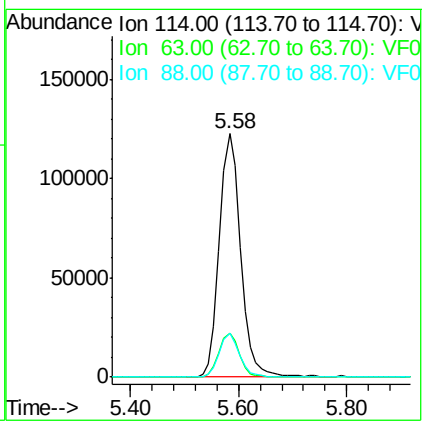


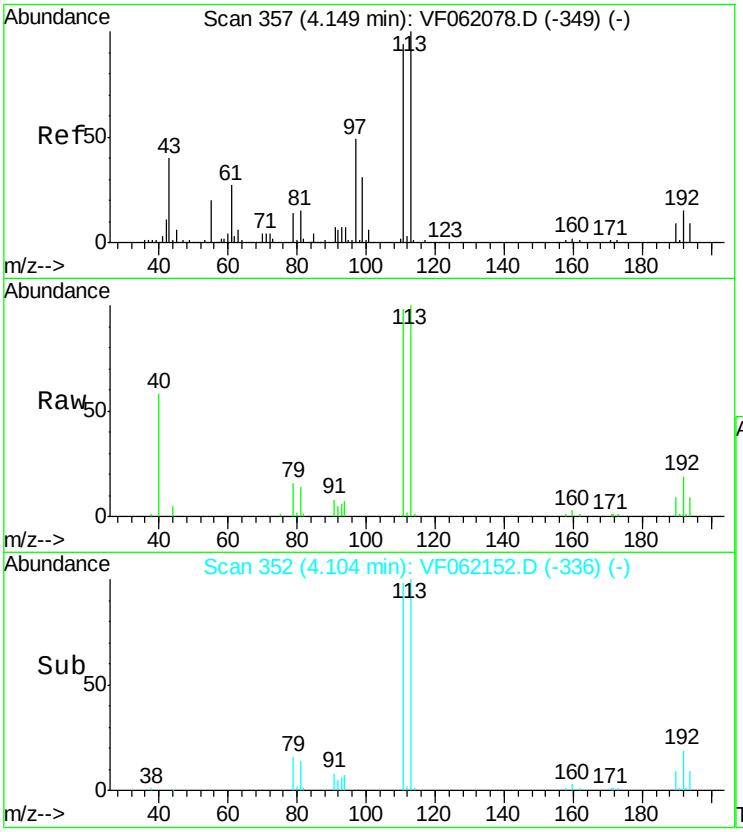


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.58 min Scan# 502
Delta R.T. -0.05 min
Lab File: VF062152.D
Acq: 26 Mar 2019 18:10

Tgt Ion:114 Resp: 336970

Ion	Ratio	Lower	Upper
114	100		
63	18.0	0.0	37.8
88	18.2	0.0	36.4



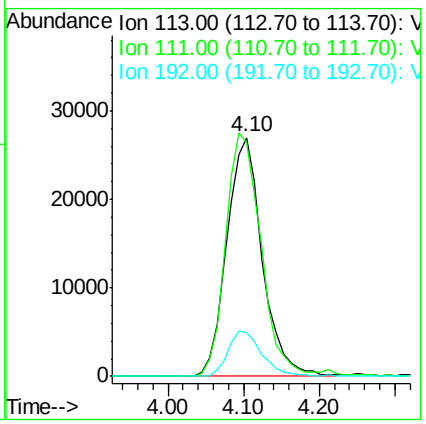


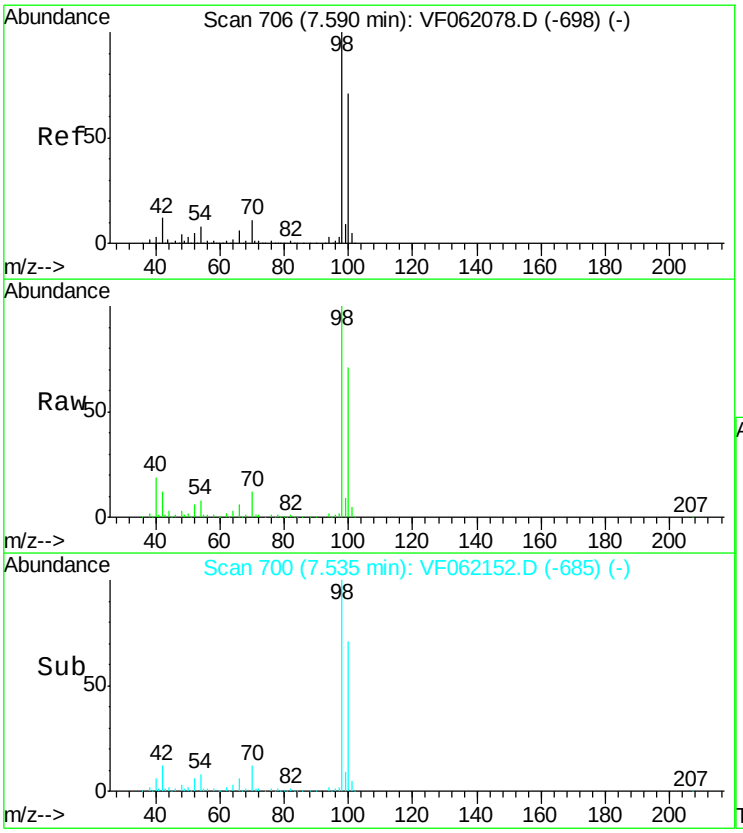
#35
Dibromofluoromethane
Concen: 38.312 ug/l
RT: 4.10 min Scan# 352
Delta R.T. -0.05 min
Lab File: VF062152.D
Acq: 26 Mar 2019 18:10

Instrument : MSVOA_F
ClientSampleId :

Tgt Ion:113 Resp: 87332

Ion	Ratio	Lower	Upper
113	100		
111	97.6	75.4	113.0
192	19.3	12.3	18.5#

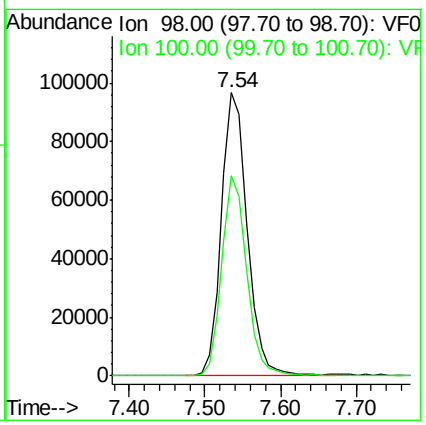


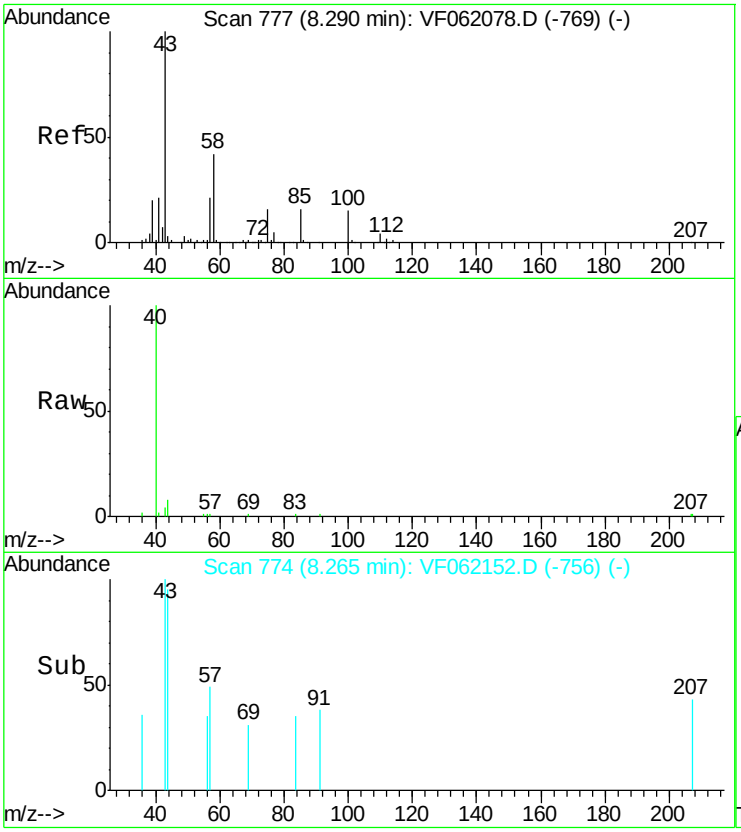


#50
Toluene-d8
Concen: 33.768 ug/l
RT: 7.54 min Scan# 700
Delta R.T. -0.05 min
Lab File: VF062152.D
Acq: 26 Mar 2019 18:10

Tgt Ion: 98 Resp: 229768

Ion	Ratio	Lower	Upper
98	100		
100	70.8	57.0	85.6



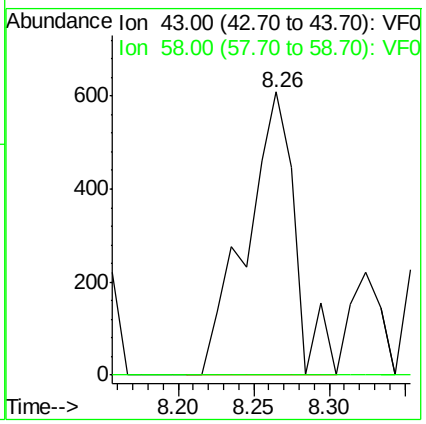


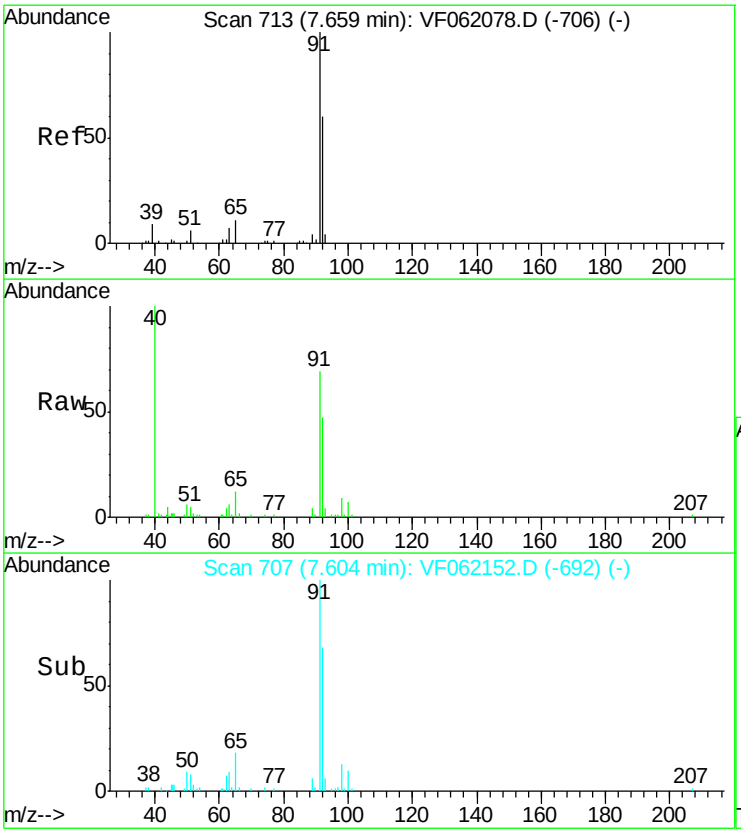
#51
4-Methyl-2-Pentanone
Concen: 1.205 ug/l
RT: 8.26 min Scan# 774
Delta R.T. -0.03 min
Lab File: VF062152.D
Acq: 26 Mar 2019 18:10

Instrument : MSVOA_F
ClientSampleId :

Tgt Ion: 43 Resp: 1370

Ion	Ratio	Lower	Upper
43	100		
58	0.0	33.8	50.8#

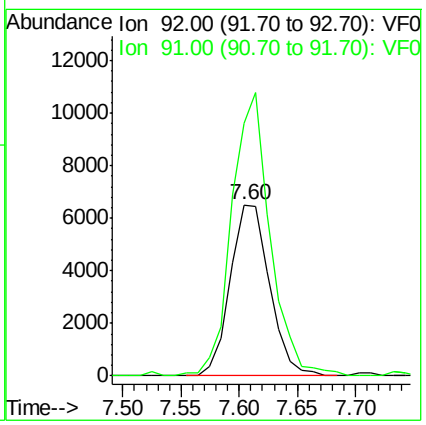


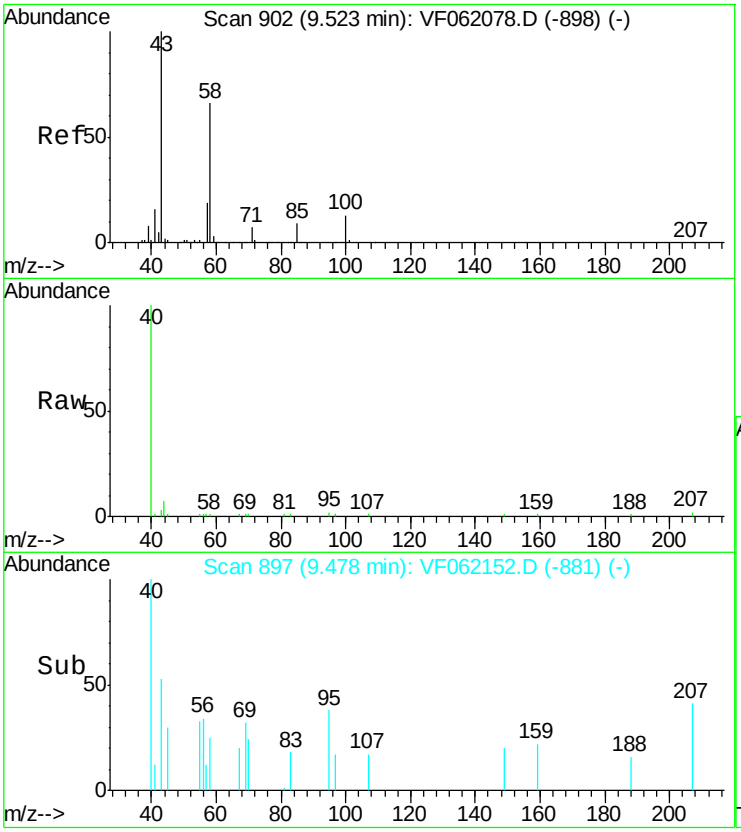


#52
Toluene
Concen: 3.040 ug/l
RT: 7.60 min Scan# 707
Delta R.T. -0.05 min
Lab File: VF062152.D
Acq: 26 Mar 2019 18:10

Tgt Ion: 92 Resp: 15149

Ion	Ratio	Lower	Upper
92	100		
91	147.6	134.1	201.1



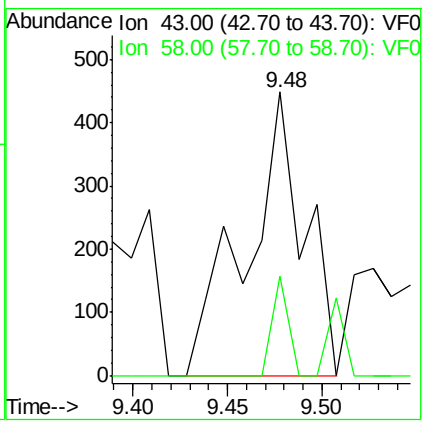


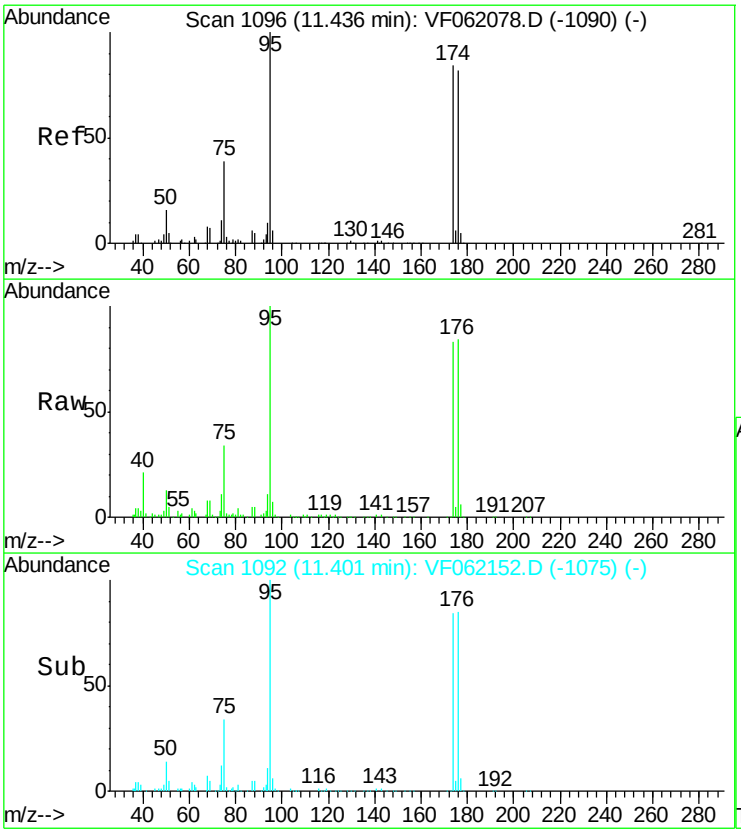
#59
2-Hexanone
Concen: 1.150 ug/l
RT: 9.48 min Scan# 897
Delta R.T. -0.05 min
Lab File: VF062152.D
Acq: 26 Mar 2019 18:10

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 43 Resp: 958

Ion	Ratio	Lower	Upper
43	100		
58	35.0	28.8	86.4

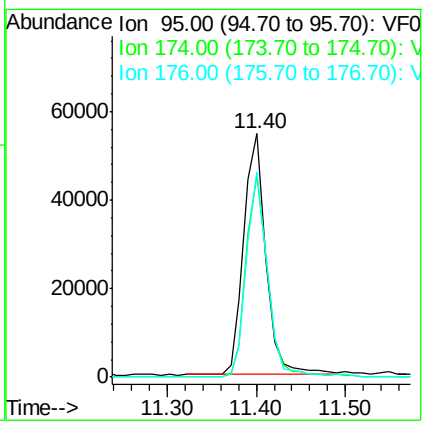


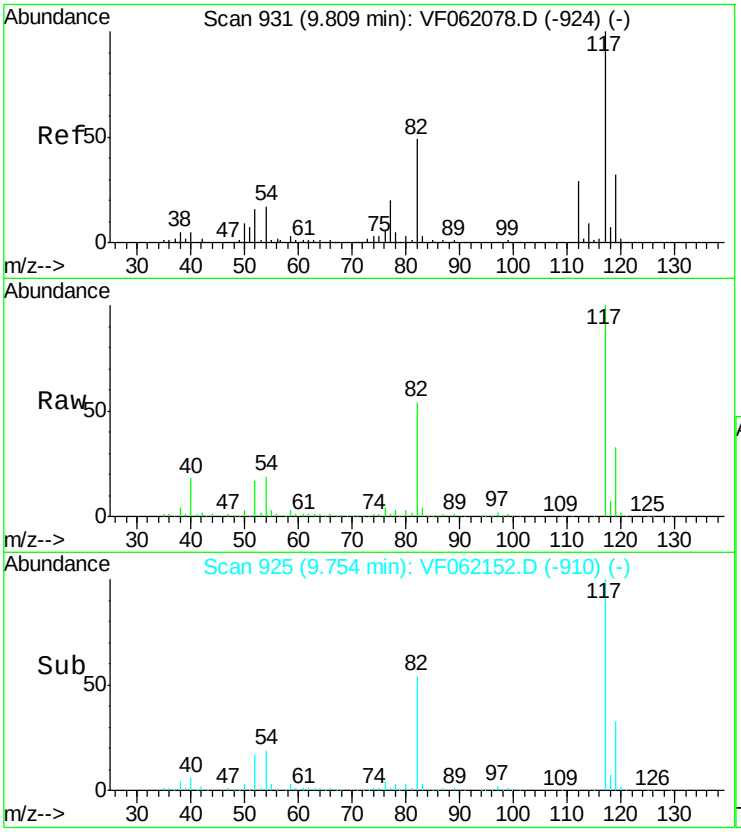


#62
4-Bromofluorobenzene
Concen: 35.772 ug/l
RT: 11.40 min Scan# 1092
Delta R.T. -0.04 min
Lab File: VF062152.D
Acq: 26 Mar 2019 18:10

Tgt Ion: 95 Resp: 93968

Ion	Ratio	Lower	Upper
95	100		
174	82.8	0.0	168.2
176	84.4	0.0	164.2



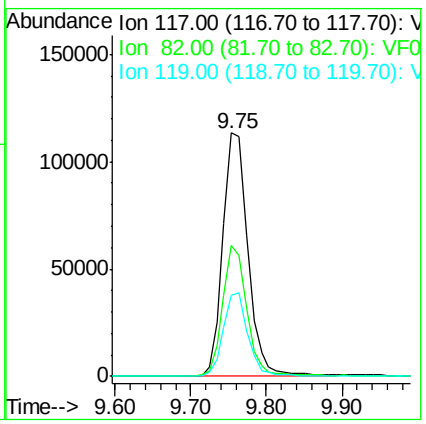


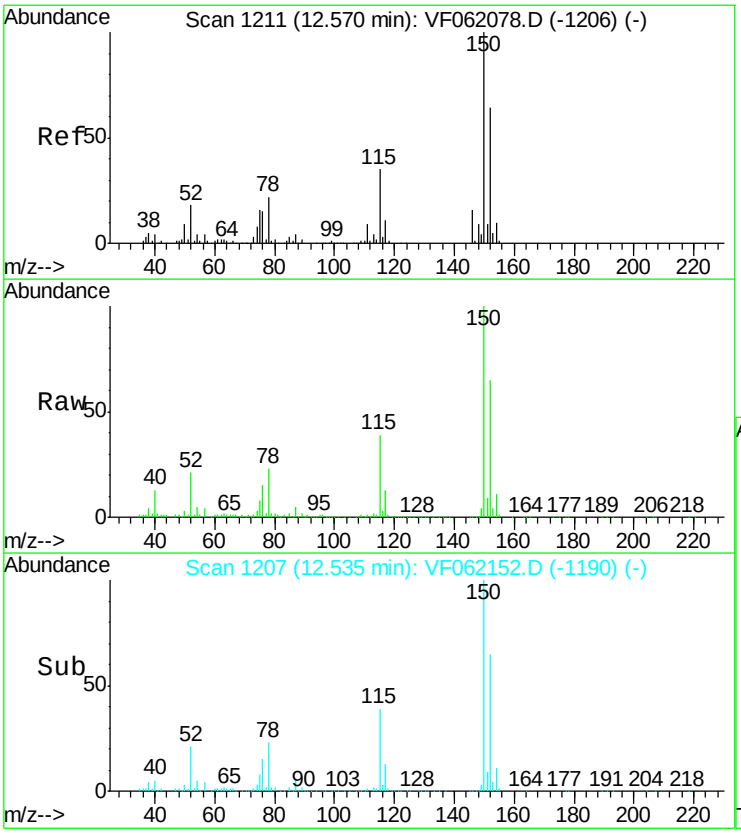
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.75 min Scan# 925
Delta R.T. -0.05 min
Lab File: VF062152.D
Acq: 26 Mar 2019 18:10

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion:117 Resp: 263836

Ion	Ratio	Lower	Upper
117	100		
82	53.9	39.2	58.8
119	33.3	25.4	38.2





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.53 min Scan# 1207
Delta R.T. -0.04 min
Lab File: VF062152.D
Acq: 26 Mar 2019 18:10

Tgt Ion:152 Resp: 146198

Ion	Ratio	Lower	Upper
152	100		
115	60.4	27.7	83.1
150	154.1	0.0	313.2