Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF032219\
Data File : VF062082.D
Acq On : 22 Mar 2019 14:50
Operator : VA/AP
Sample : VF0322SBL01
Misc : 5.00g/5mL/MSVOA-F/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId : VF0322SBL01

Quant Time: Mar 23 04:13:22 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	299341	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.63	114	457477	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.80	117	373941	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.57	152	222888	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.88	65	127951	57.47	ug/l	0.00
Spiked Amount 50.000			Recovery = 114.94%			
35) Dibromofluoromethane	4.14	113	179181	57.90	ug/l	0.00
Spiked Amount 50.000			Recovery = 115.80%			
50) Toluene-d8	7.58	98	487352	52.76	ug/l	0.00
Spiked Amount 50.000			Recovery = 105.52%			
62) 4-Bromofluorobenzene	11.43	95	207555	58.20	ug/l	0.00
Spiked Amount 50.000			Recovery = 116.40%			
Target Compounds						Qvalue
11) Tert butyl alcohol	2.58	59	258	2.106	ug/l #	1
13) Acrolein	1.92	56	327	2.220	ug/l	89
15) Acrylonitrile	2.98	53	1501	3.484	ug/l #	54
16) Acetone	2.19	43	1145	2.443	ug/l	92
18) Methyl Acetate	2.41	43	6015	5.381	ug/l #	56
20) Methylene Chloride	2.20	84	4616	Below Cal		94
25) 2-Butanone	4.38	43	2026	2.071	ug/l	99
29) Tetrahydrofuran	4.11	42	726	1.707	ug/l #	47
49) 1,4-Dioxane	6.63	88	64	5.555	ug/l #	25
51) 4-Methyl-2-Pentanone	8.29	43	3183	2.062	ug/l	89
59) 2-Hexanone	9.53	43	6386	5.645	ug/l	86
74) N-amyl acetate	11.40	43	3877	1.037	ug/l #	82
95) Naphthalene	14.48	128	12204	1.495	ug/l #	95

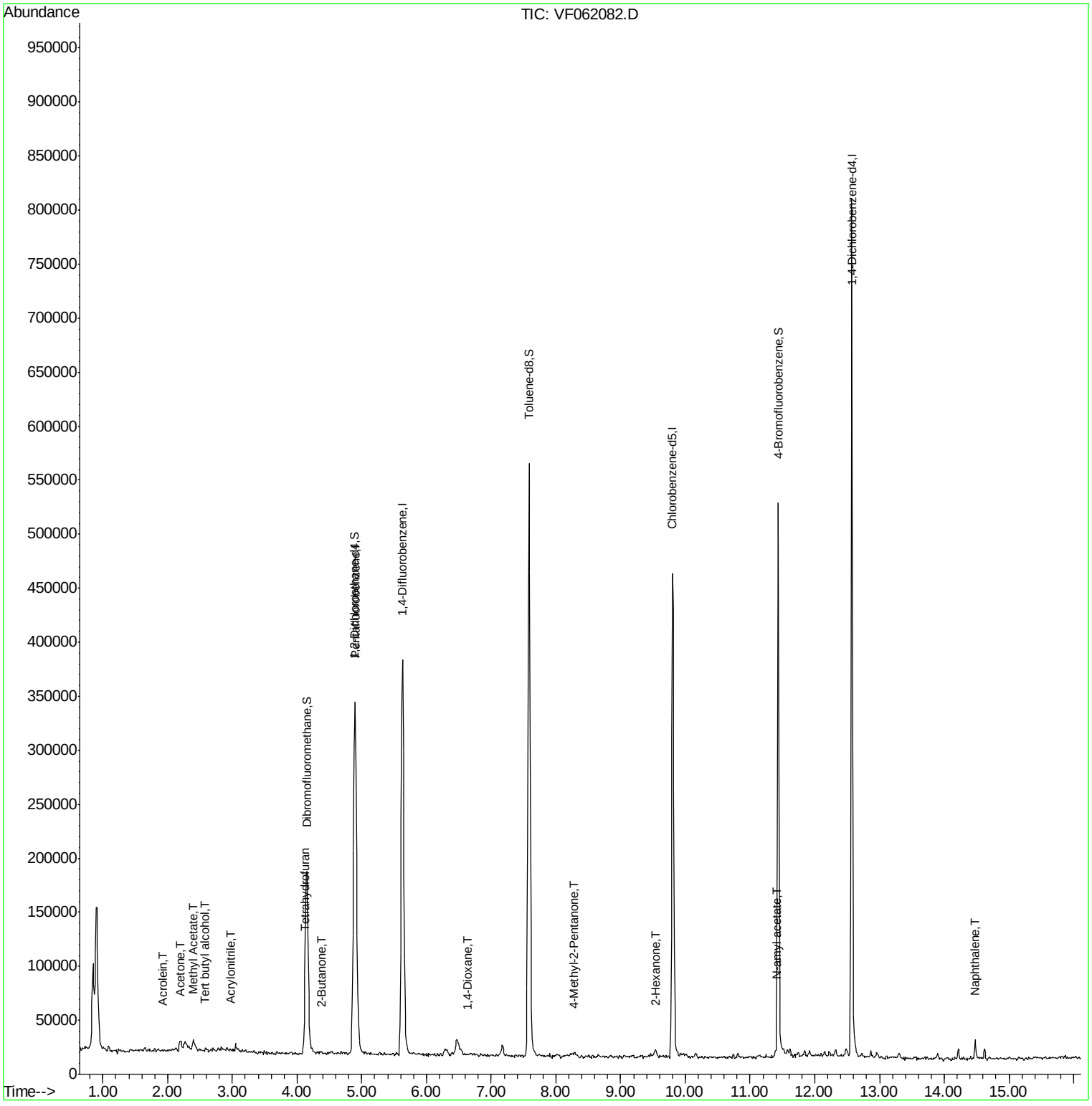
(#) = qualifier out of range (m) = manual integration (+) = signals summed

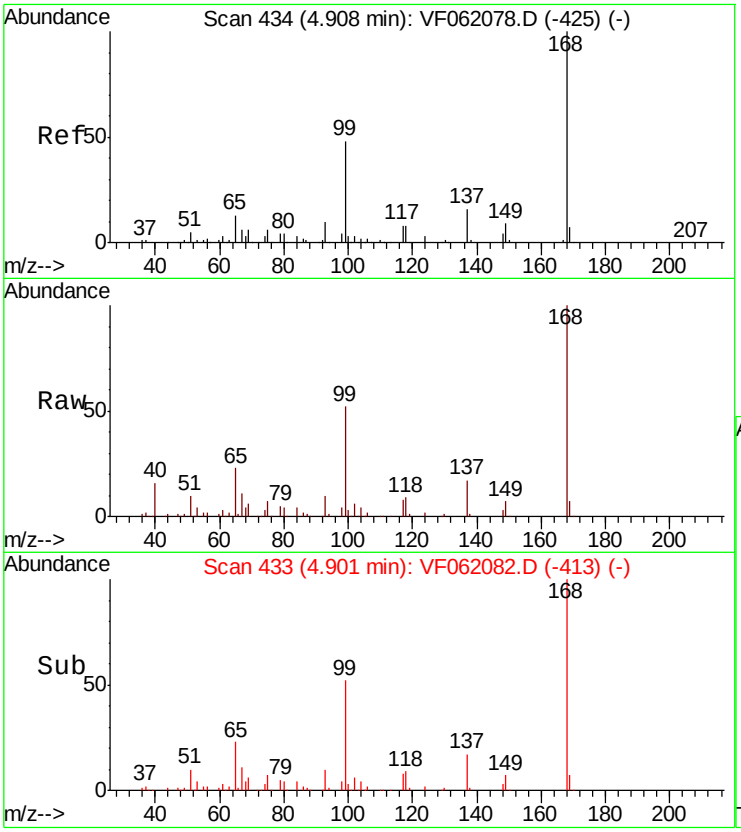
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF032219\
Data File : VF062082.D
Acq On : 22 Mar 2019 14:50
Operator : VA/AP
Sample : VF0322SBL01
Misc : 5.00g/5mL/MSVOA-F/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId : VF0322SBL01

Quant Time: Mar 23 04:13:22 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



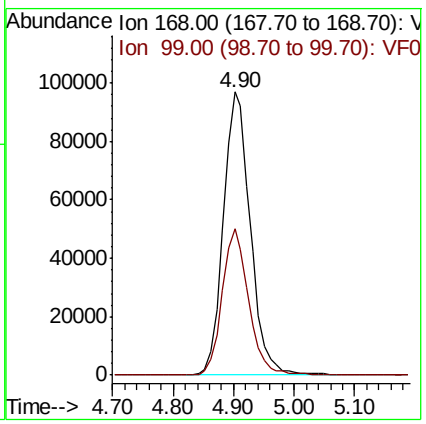


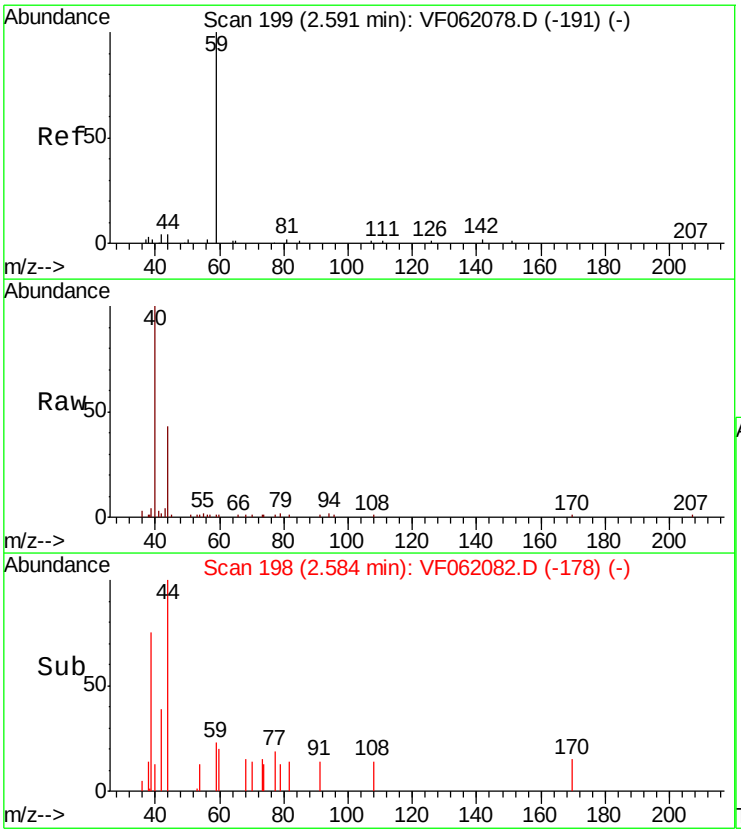
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 4.90 min Scan# 433
Delta R.T. -0.01 min
Lab File: VF062082.D
Acq: 22 Mar 2019 14:50

Instrument :
MSVOA_F
ClientSampleId :
VF0322SBL01

Tgt Ion:168 Resp: 299341

Ion	Ratio	Lower	Upper
168	100		
99	51.9	38.2	57.4

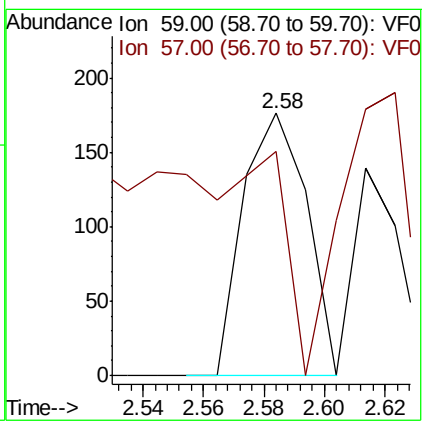


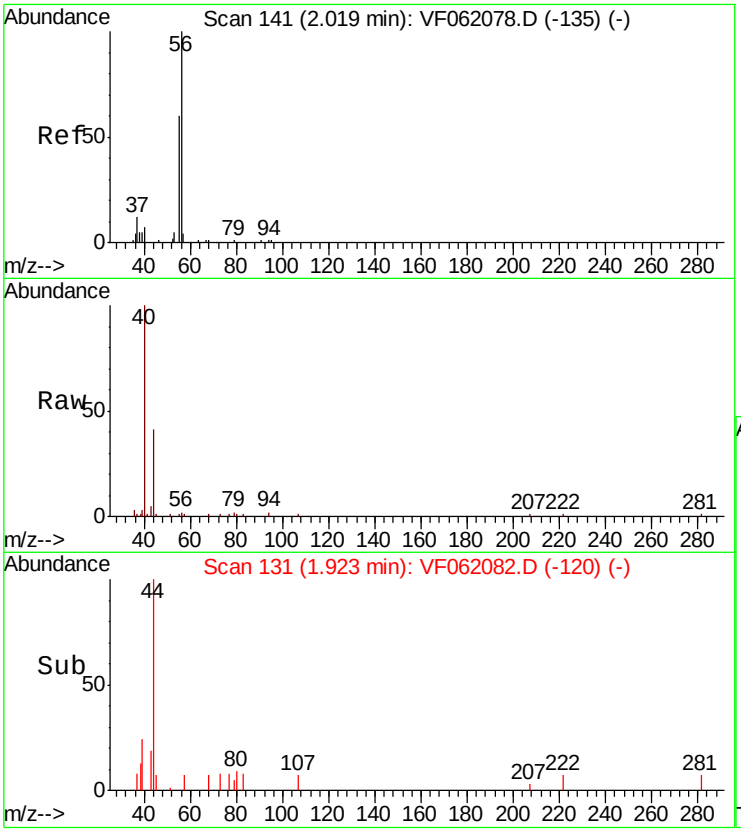


#11
Tert butyl alcohol
Concen: 2.106 ug/l
RT: 2.58 min Scan# 198
Delta R.T. -0.01 min
Lab File: VF062082.D
Acq: 22 Mar 2019 14:50

Tgt Ion: 59 Resp: 258

Ion	Ratio	Lower	Upper
59	100		
57	85.8	11.0	16.4#



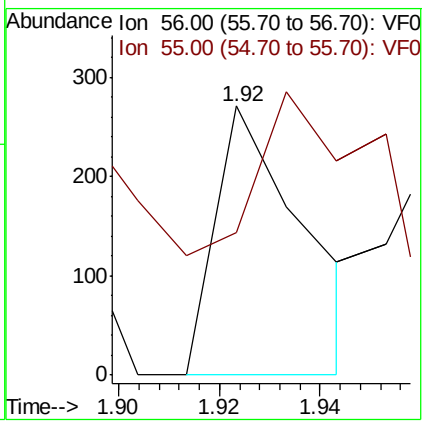


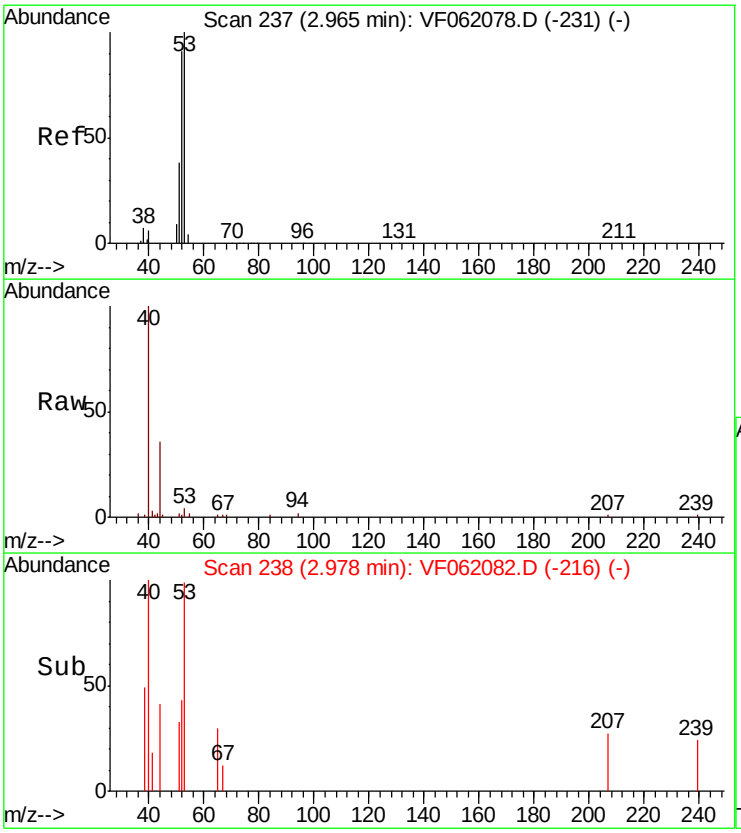
#13
Acrolein
Concen: 2.220 ug/l
RT: 1.92 min Scan# 131
Delta R.T. -0.10 min
Lab File: VF062082.D
Acq: 22 Mar 2019 14:50

Instrument :
MSVOA_F
ClientSampleId :
VF0322SBL01

Tgt Ion: 56 Resp: 327

Ion	Ratio	Lower	Upper
56	100		
55	52.8	49.0	73.4

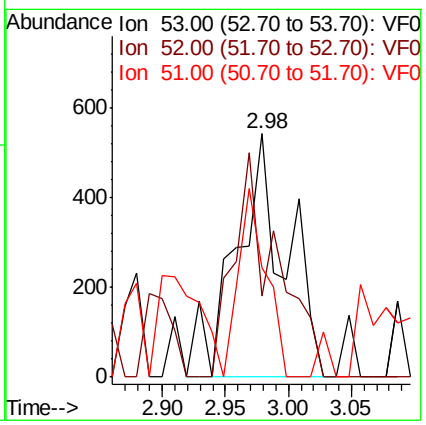


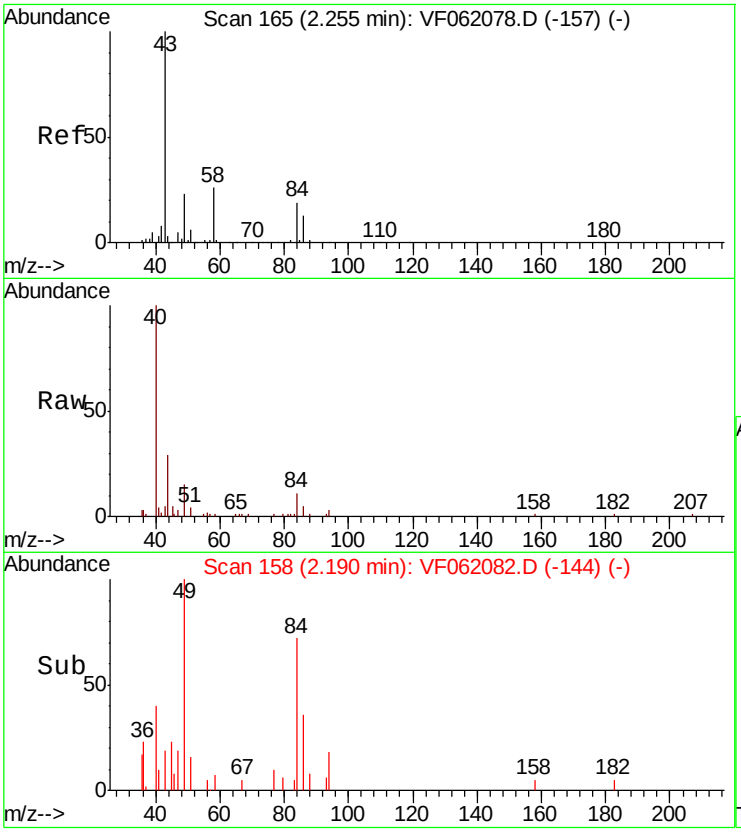


#15
Acrylonitrile
Concen: 3.484 ug/l
RT: 2.98 min Scan# 238
Delta R.T. 0.01 min
Lab File: VF062082.D
Acq: 22 Mar 2019 14:50

Tgt Ion: 53 Resp: 1501

Ion	Ratio	Lower	Upper
53	100		
52	33.2	72.3	108.5#
51	45.0	30.4	45.6



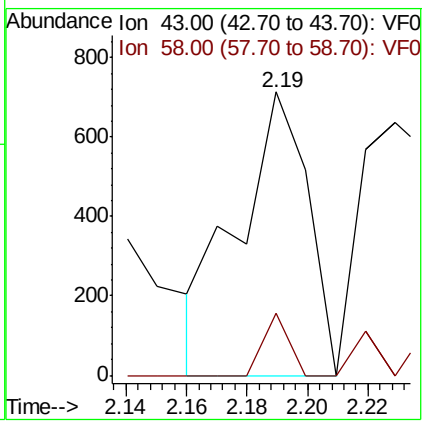


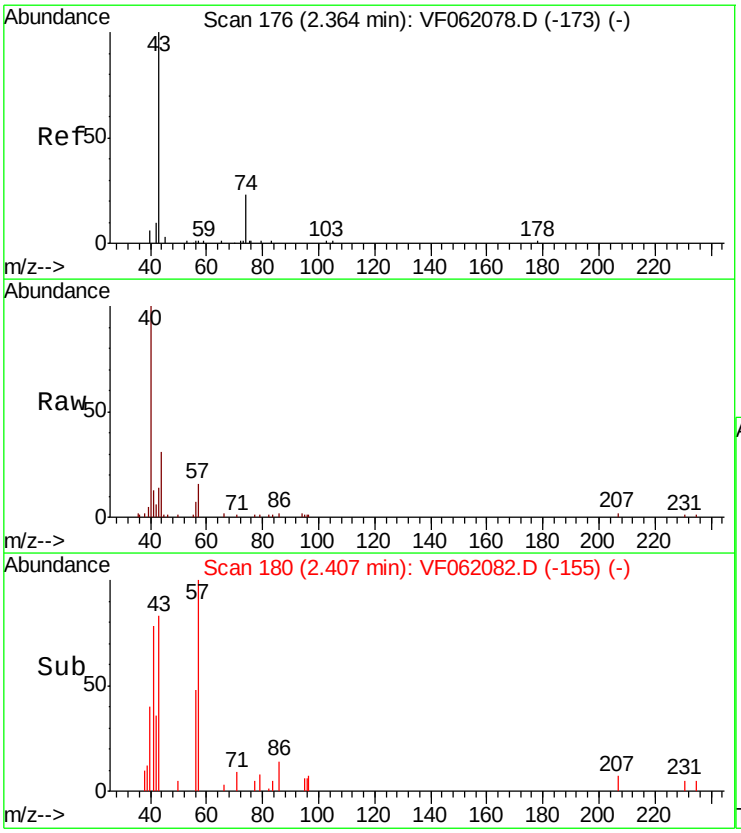
#16
Acetone
Concen: 2.443 ug/l
RT: 2.19 min Scan# 158
Delta R.T. -0.07 min
Lab File: VF062082.D
Acq: 22 Mar 2019 14:50

Instrument : MSVOA_F
ClientSampleId : VF0322SBL01

Tgt Ion: 43 Resp: 1145

Ion	Ratio	Lower	Upper
43	100		
58	21.9	20.8	31.2

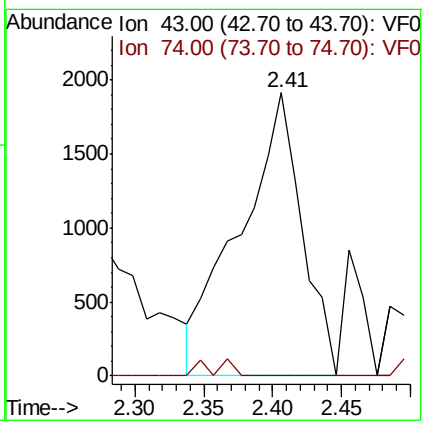


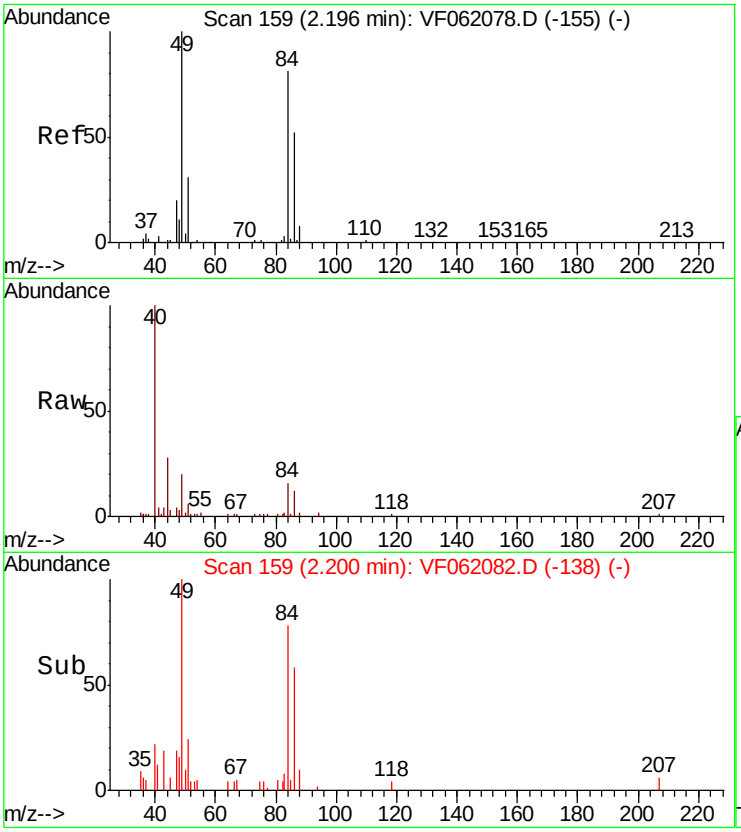


#18
Methyl Acetate
Concen: 5.381 ug/l
RT: 2.41 min Scan# 180
Delta R.T. 0.04 min
Lab File: VF062082.D
Acq: 22 Mar 2019 14:50

Tgt Ion: 43 Resp: 6015

Ion	Ratio	Lower	Upper
43	100		
74	0.0	16.3	24.5#



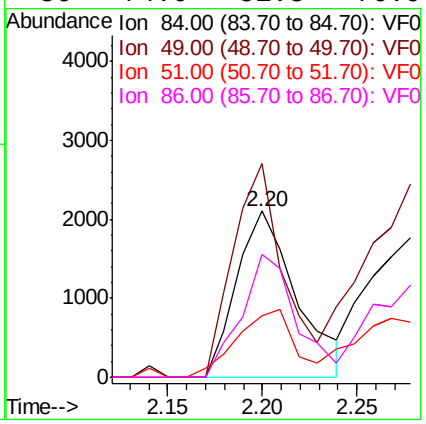


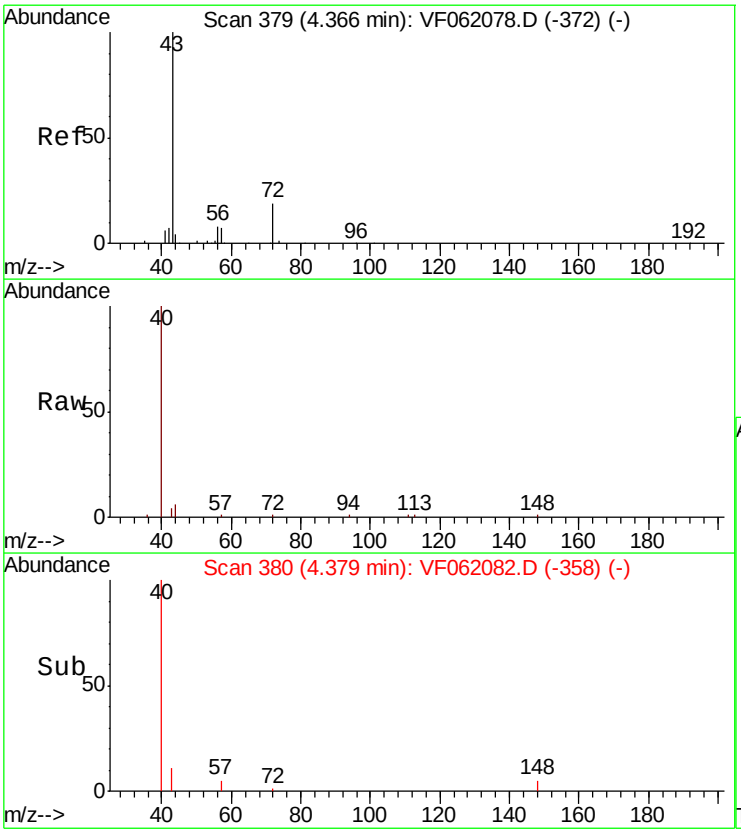
#20
Methylene Chloride
Concen: Below Cal
RT: 2.20 min Scan# 159
Delta R.T. 0.00 min
Lab File: VF062082.D
Acq: 22 Mar 2019 14:50

Instrument : MSVOA_F
ClientSampleId : VF0322SBL01

Tgt Ion: 84 Resp: 4616

Ion	Ratio	Lower	Upper
84	100		
49	128.4	100.4	150.6
51	36.7	31.0	46.6
86	74.0	51.3	76.9

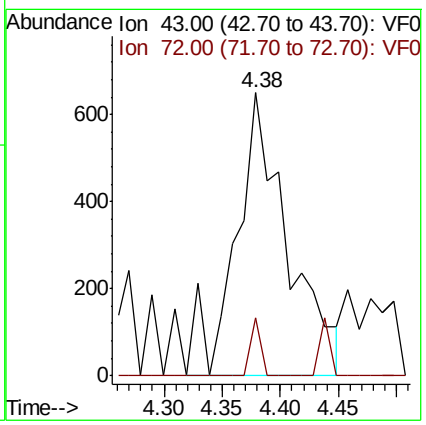


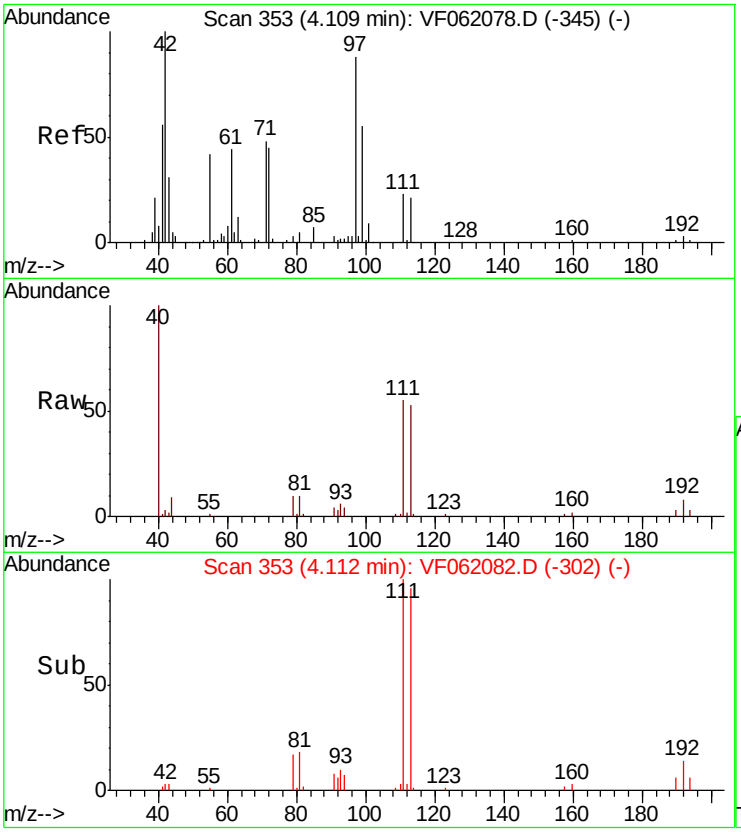


#25
2-Butanone
Concen: 2.071 ug/l
RT: 4.38 min Scan# 380
Delta R.T. 0.01 min
Lab File: VF062082.D
Acq: 22 Mar 2019 14:50

Tgt Ion: 43 Resp: 2026

Ion	Ratio	Lower	Upper
43	100		
72	20.5	16.7	25.1



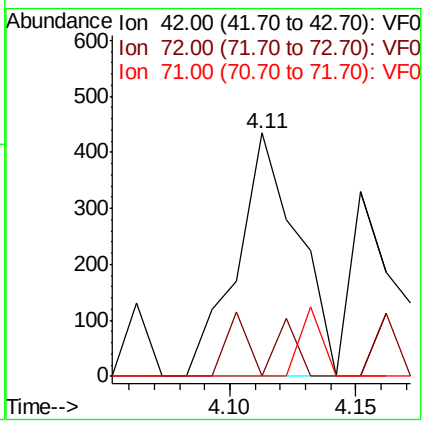


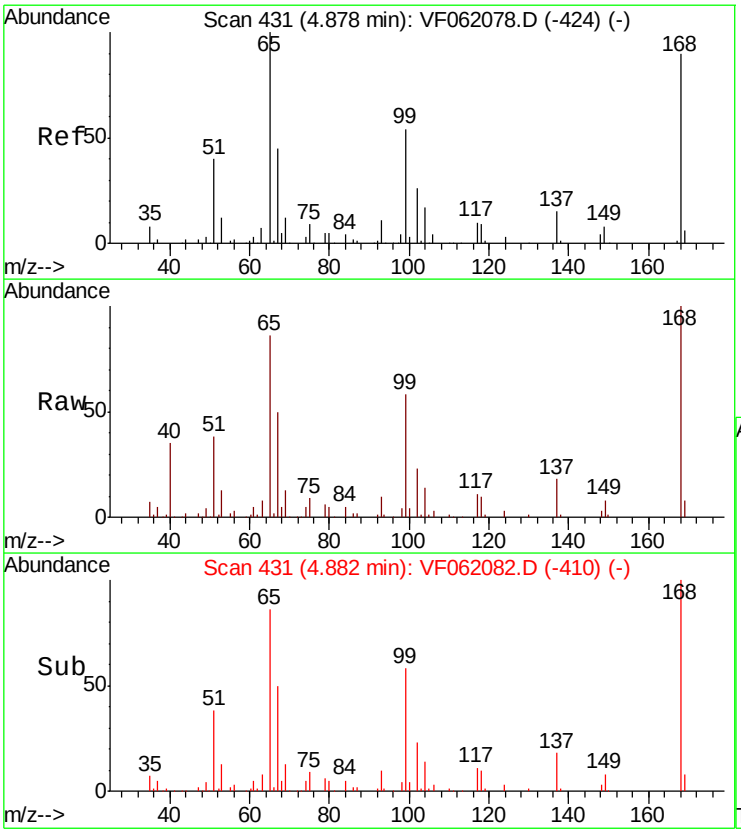
#29
Tetrahydrofuran
Concen: 1.707 ug/l
RT: 4.11 min Scan# 353
Delta R.T. 0.00 min
Lab File: VF062082.D
Acq: 22 Mar 2019 14:50

Instrument : MSVOA_F
ClientSampleId : VF0322SBL01

Tgt Ion: 42 Resp: 726

Ion	Ratio	Lower	Upper
42	100		
72	17.9	33.3	49.9#
71	0.0	35.0	52.4#

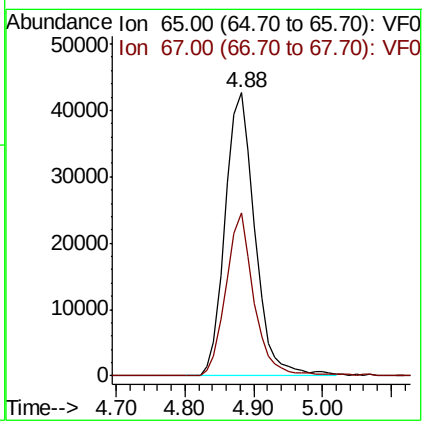


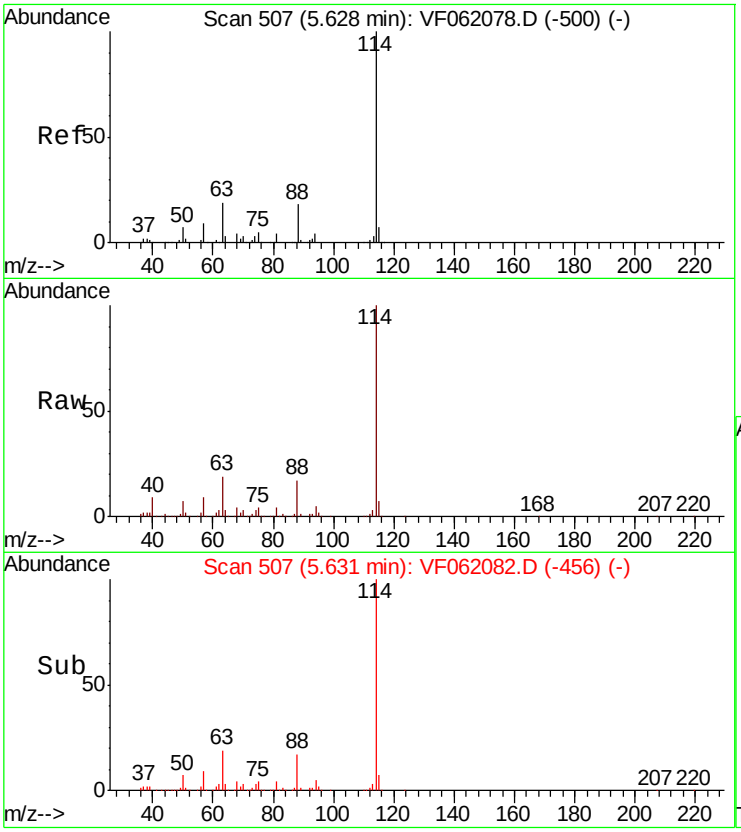


#33
1,2-Dichloroethane-d4
Concen: 57.467 ug/l
RT: 4.88 min Scan# 431
Delta R.T. 0.00 min
Lab File: VF062082.D
Acq: 22 Mar 2019 14:50

Tgt Ion: 65 Resp: 127951

Ion	Ratio	Lower	Upper
65	100		
67	57.8	0.0	106.2



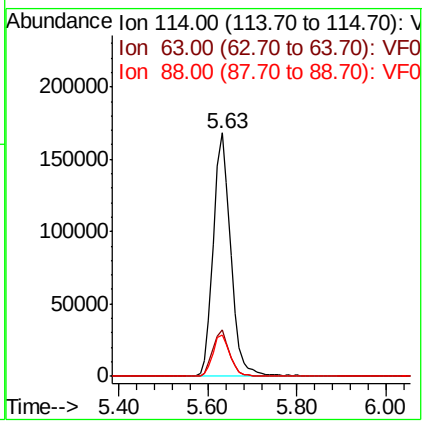


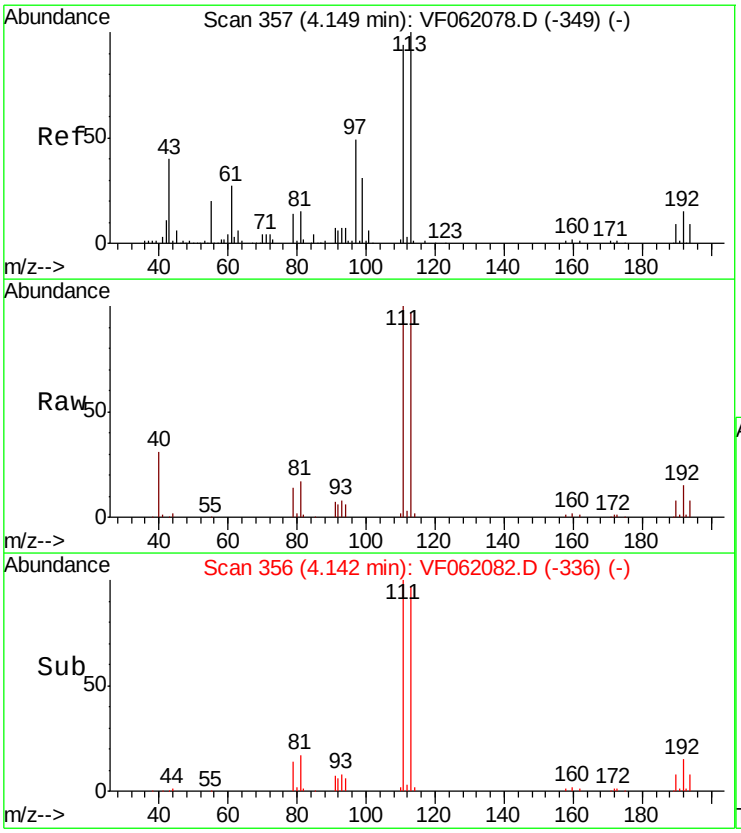
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.63 min Scan# 507
Delta R.T. 0.00 min
Lab File: VF062082.D
Acq: 22 Mar 2019 14:50

Instrument : MSVOA_F
ClientSampleId : VF0322SBL01

Tgt Ion:114 Resp: 457477

Ion	Ratio	Lower	Upper
114	100		
63	18.9	0.0	37.8
88	17.1	0.0	36.4

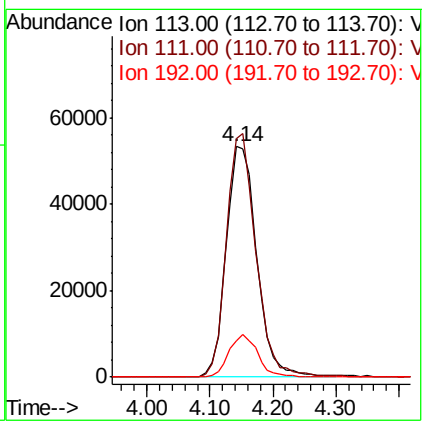


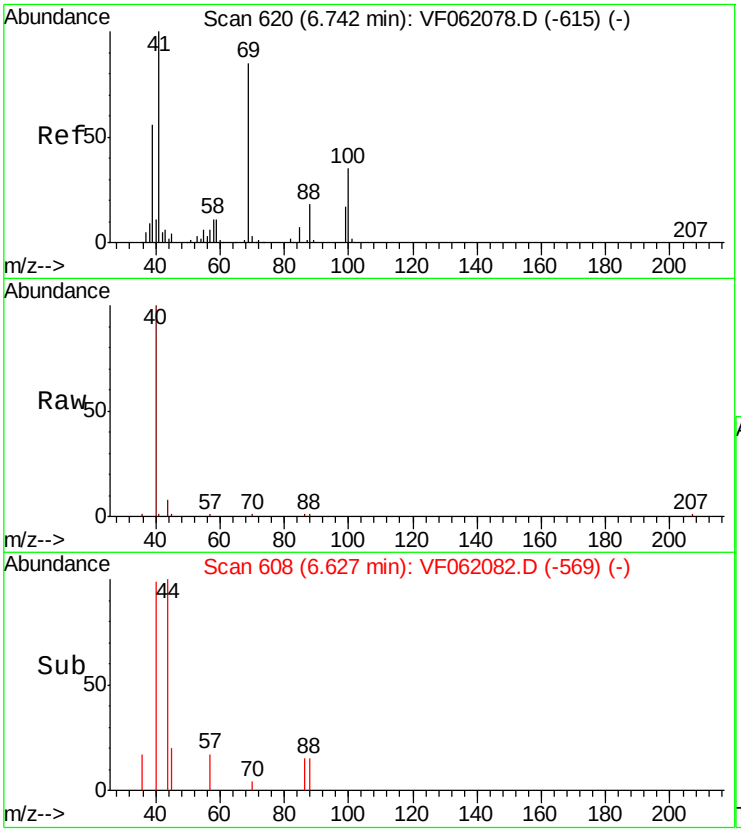


#35
Dibromofluoromethane
Concen: 57.900 ug/l
RT: 4.14 min Scan# 356
Delta R.T. -0.01 min
Lab File: VF062082.D
Acq: 22 Mar 2019 14:50

Tgt Ion:113 Resp: 179181

Ion	Ratio	Lower	Upper
113	100		
111	103.1	75.4	113.0
192	16.2	12.3	18.5



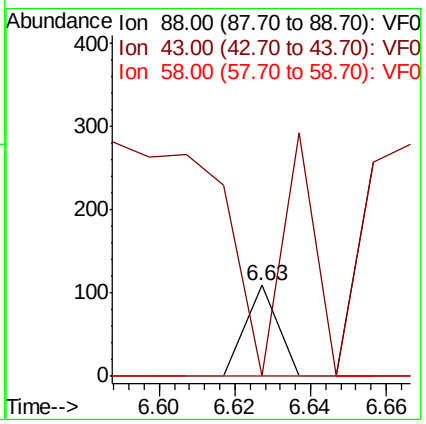


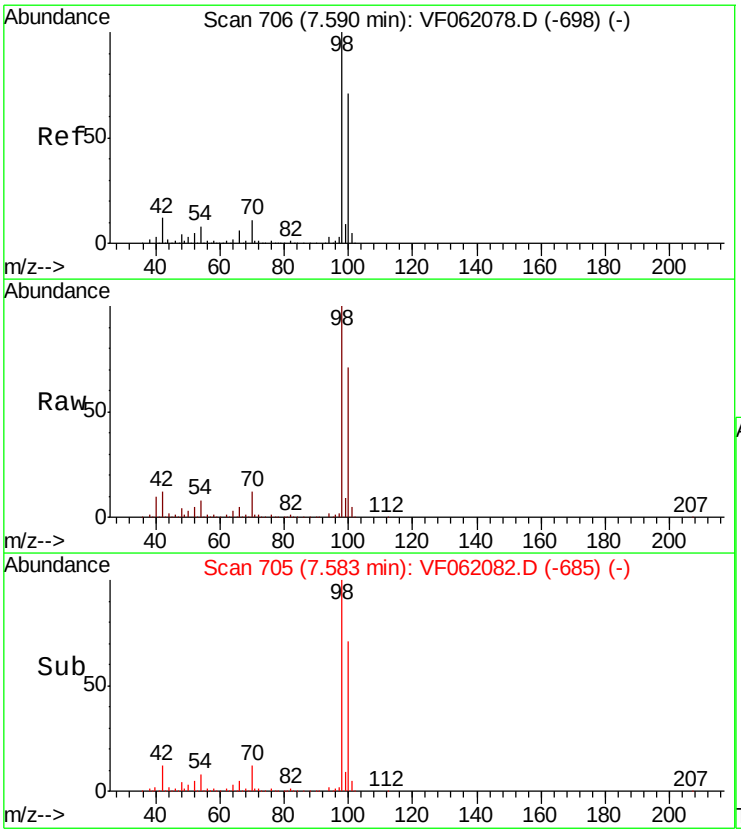
#49
1,4-Dioxane
Concen: 5.555 ug/l
RT: 6.63 min Scan# 608
Delta R.T. -0.12 min
Lab File: VF062082.D
Acq: 22 Mar 2019 14:50

Instrument :
MSVOA_F
ClientSampleId :
VF0322SBL01

Tgt Ion: 88 Resp: 64

Ion	Ratio	Lower	Upper
88	100		
43	0.0	35.0	52.4#
58	0.0	49.9	74.9#

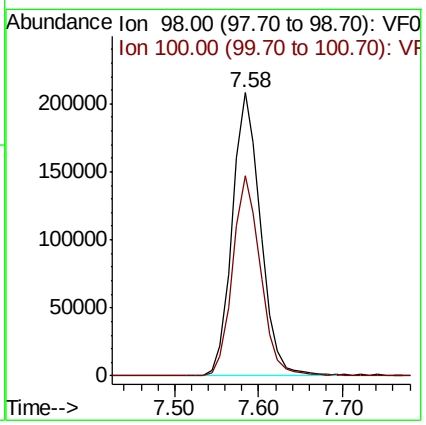


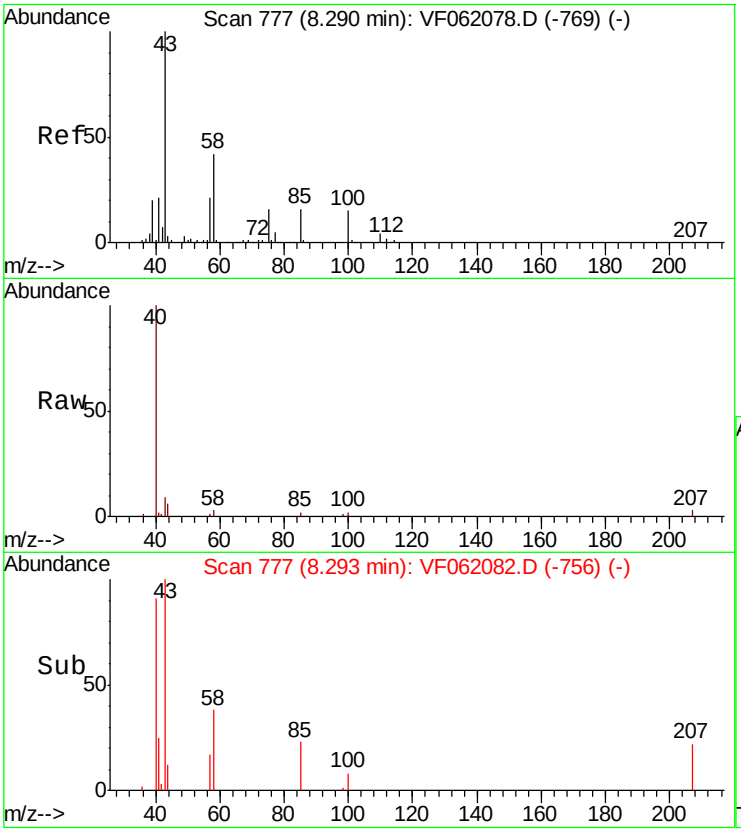


#50
Toluene-d8
Concen: 52.758 ug/l
RT: 7.58 min Scan# 705
Delta R.T. -0.01 min
Lab File: VF062082.D
Acq: 22 Mar 2019 14:50

Tgt Ion: 98 Resp: 487352

Ion	Ratio	Lower	Upper
98	100		
100	70.9	57.0	85.6



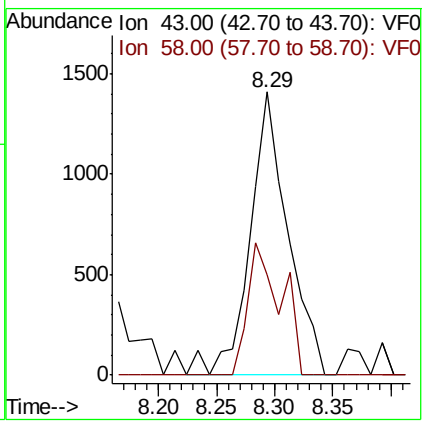


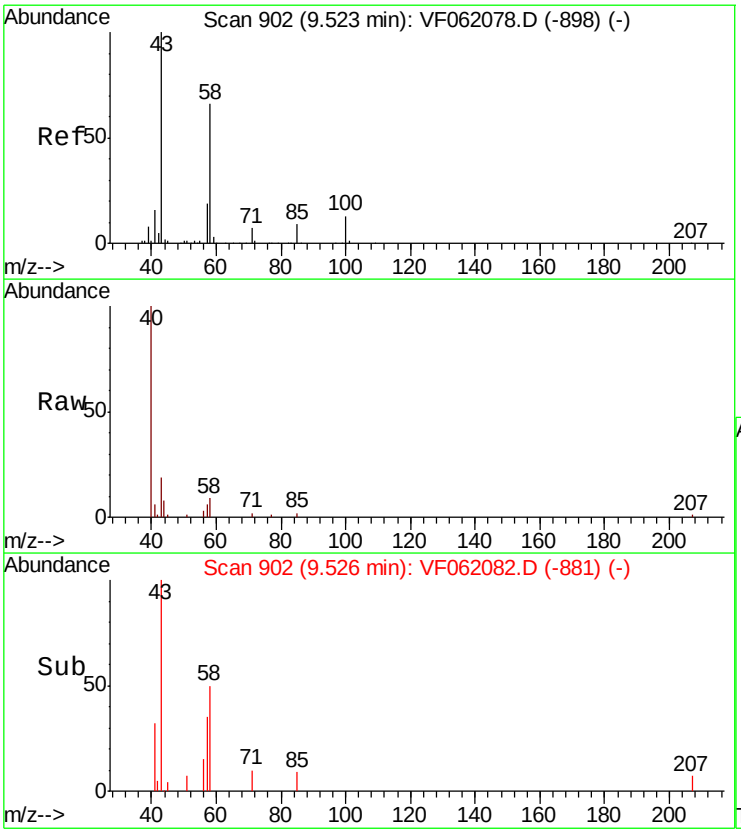
#51
4-Methyl-2-Pentanone
Concen: 2.062 ug/l
RT: 8.29 min Scan# 777
Delta R.T. 0.00 min
Lab File: VF062082.D
Acq: 22 Mar 2019 14:50

Instrument :
MSVOA_F
ClientSampleId :
VF0322SBL01

Tgt Ion: 43 Resp: 3183

Ion	Ratio	Lower	Upper
43	100		
58	35.4	33.8	50.8

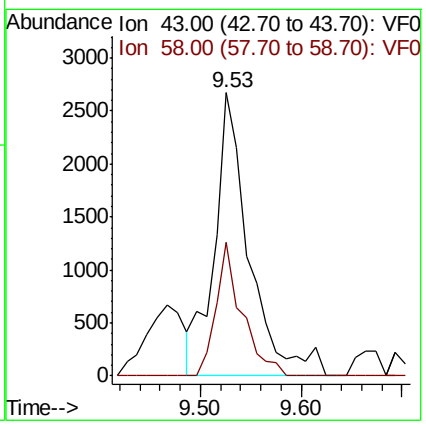


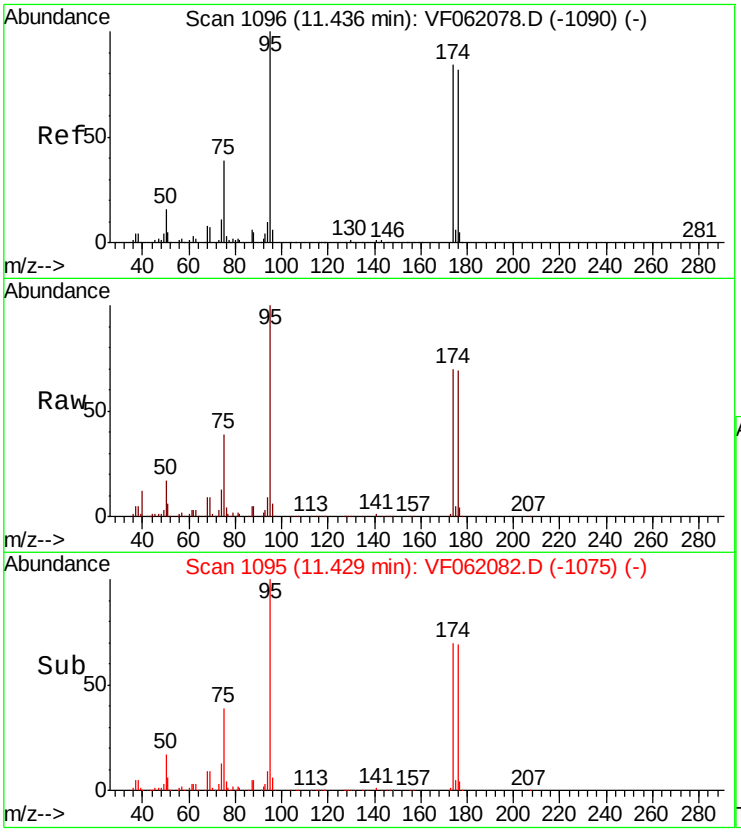


#59
2-Hexanone
Concen: 5.645 ug/l
RT: 9.53 min Scan# 902
Delta R.T. 0.00 min
Lab File: VF062082.D
Acq: 22 Mar 2019 14:50

Tgt Ion: 43 Resp: 6386

Ion	Ratio	Lower	Upper
43	100		
58	47.2	28.8	86.4



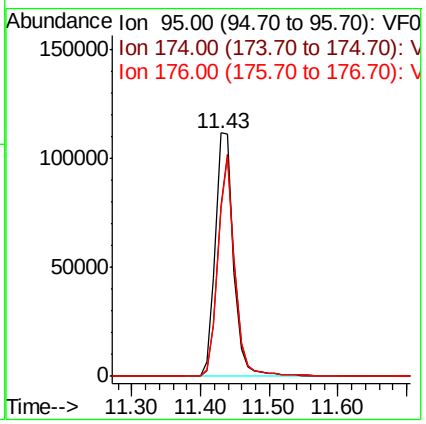


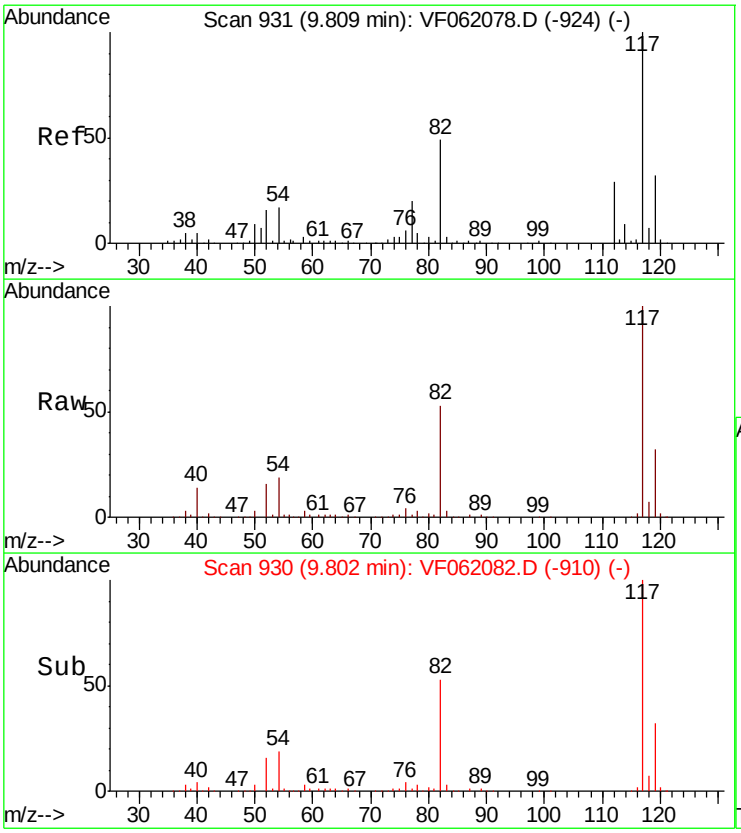
#62
4-Bromofluorobenzene
Concen: 58.200 ug/l
RT: 11.43 min Scan# 1095
Delta R.T. -0.01 min
Lab File: VF062082.D
Acq: 22 Mar 2019 14:50

Instrument :
MSVOA_F
ClientSampleId :
VF0322SBL01

Tgt Ion: 95 Resp: 207555

Ion	Ratio	Lower	Upper
95	100		
174	70.0	0.0	168.2
176	69.1	0.0	164.2

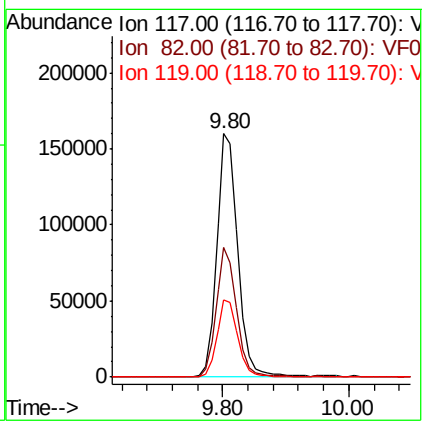


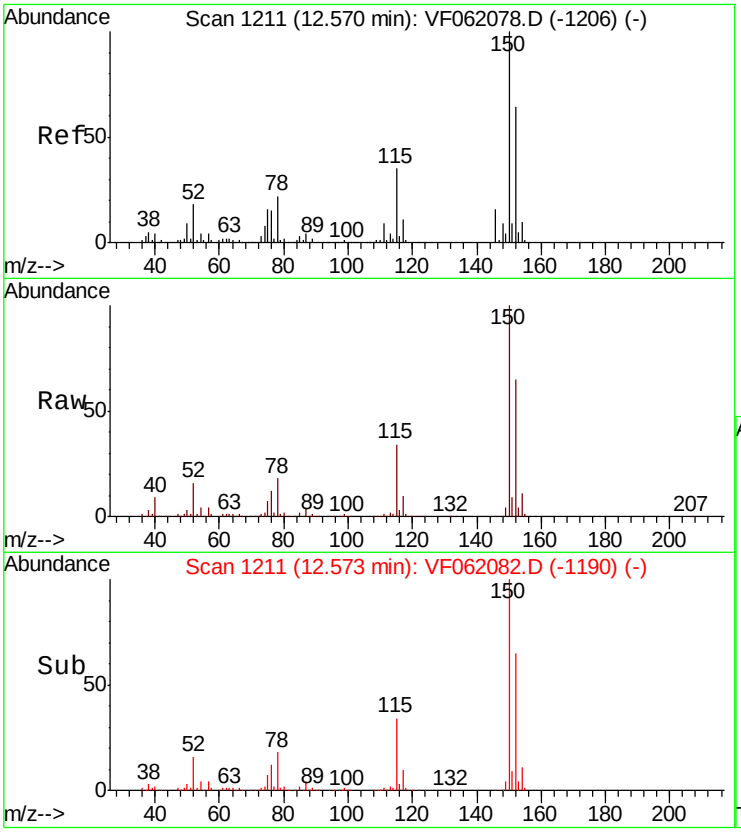


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.80 min Scan# 930
Delta R.T. -0.01 min
Lab File: VF062082.D
Acq: 22 Mar 2019 14:50

Tgt Ion:117 Resp: 373941

Ion	Ratio	Lower	Upper
117	100		
82	53.4	39.2	58.8
119	31.6	25.4	38.2



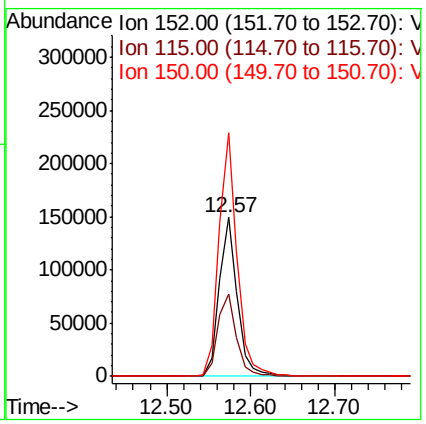


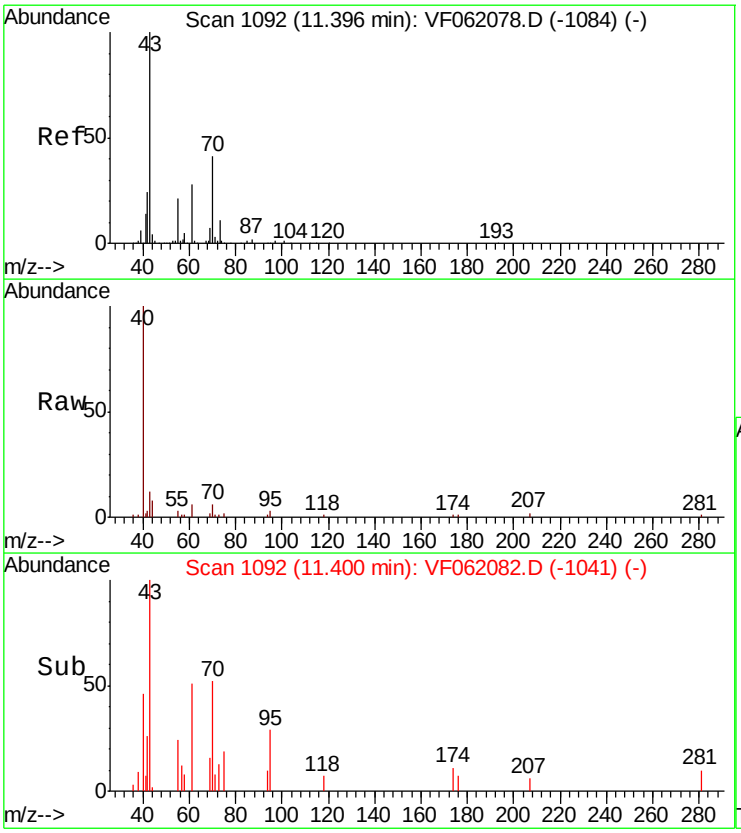
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.57 min Scan# 1211
Delta R.T. 0.00 min
Lab File: VF062082.D
Acq: 22 Mar 2019 14:50

Instrument : MSVOA_F
ClientSampleId : VF0322SBL01

Tgt Ion:152 Resp: 222888

Ion	Ratio	Lower	Upper
152	100		
115	51.7	27.7	83.1
150	153.3	0.0	313.2

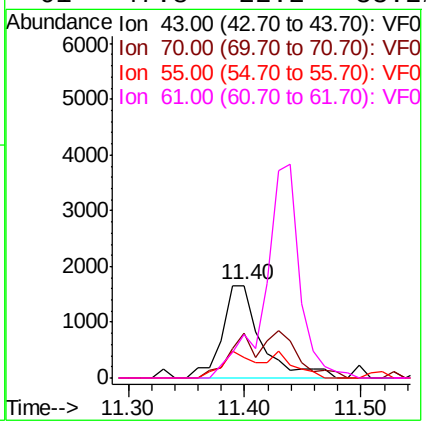


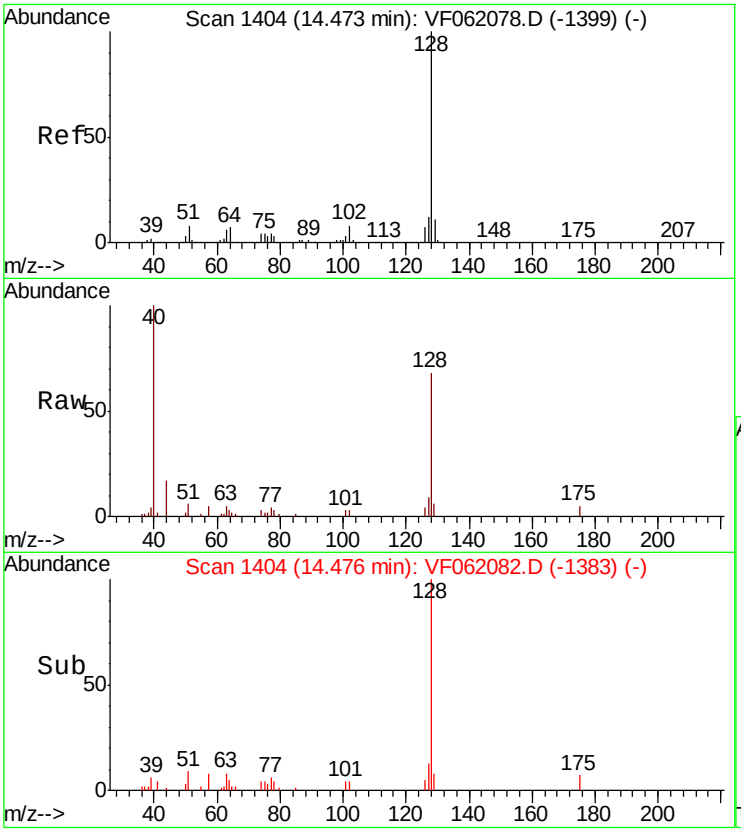


#74
N-amyl acetate
Concen: 1.037 ug/l
RT: 11.40 min Scan# 1092
Delta R.T. 0.00 min
Lab File: VF062082.D
Acq: 22 Mar 2019 14:50

Tgt Ion: 43 Resp: 3877

Ion	Ratio	Lower	Upper
43	100		
70	49.1	32.9	49.3
55	22.2	17.1	25.7
61	47.8	22.2	33.2#





#95
Naphthalene
Concen: 1.495 ug/l
RT: 14.48 min Scan# 1404
Delta R.T. 0.00 min
Lab File: VF062082.D
Acq: 22 Mar 2019 14:50

Instrument :
MSVOA_F
ClientSampleId :
VF0322SBL01

Tgt Ion:128 Resp: 12204

Ion	Ratio	Lower	Upper
128	100		
127	13.1	9.5	14.3
129	8.2	8.7	13.1#