Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF032019\
Data File : VF062033.D
Acq On : 20 Mar 2019 11:44
Operator : VA/AP
Sample : VF0320SBL01
Misc : 5.00g/5mL/MSVOA-F/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId : VF0320SBL01

Quant Time: Mar 21 15:20:24 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F031619S.M
Quant Title : SW846 8260
QLast Update : Mon Mar 18 07:28:40 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.84	168	292351	50.00	ug/l	-0.03
34) 1,4-Difluorobenzene	5.57	114	443608	50.00	ug/l	-0.03
63) Chlorobenzene-d5	9.75	117	383541	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	12.53	152	223696	50.00	ug/l	-0.02
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.82	65	107579	51.12	ug/l	-0.02
Spiked Amount 50.000			Recovery = 102.24%			
35) Dibromofluoromethane	4.08	113	148636	49.90	ug/l	-0.03
Spiked Amount 50.000			Recovery = 99.80%			
50) Toluene-d8	7.54	98	382869	43.97	ug/l	-0.02
Spiked Amount 50.000			Recovery = 87.94%			
62) 4-Bromofluorobenzene	11.39	95	175072	50.61	ug/l	-0.02
Spiked Amount 50.000			Recovery = 101.22%			
Target Compounds						Qvalue
11) Tert butyl alcohol	2.57	59	156	1.211	ug/l #	1
13) Acrolein	2.00	56	837	6.021	ug/l	99
15) Acrylonitrile	2.92	53	1218	3.110	ug/l #	84
16) Acetone	2.22	43	4043	8.555	ug/l	90
18) Methyl Acetate	2.44	43	1743	1.803	ug/l #	63
20) Methylene Chloride	2.16	84	3668	1.508	ug/l #	74
25) 2-Butanone	4.32	43	2064	2.205	ug/l #	51
29) Tetrahydrofuran	4.06	42	1137	2.793	ug/l #	55
41) Methacrylonitrile	4.72	41	1048	1.091	ug/l #	44
51) 4-Methyl-2-Pentanone	8.25	43	4443	2.940	ug/l #	78
59) 2-Hexanone	9.48	43	5101	4.664	ug/l	91
74) N-amyl acetate	11.36	43	3790	1.070	ug/l	95
95) Naphthalene	14.44	128	10798	1.323	ug/l	96

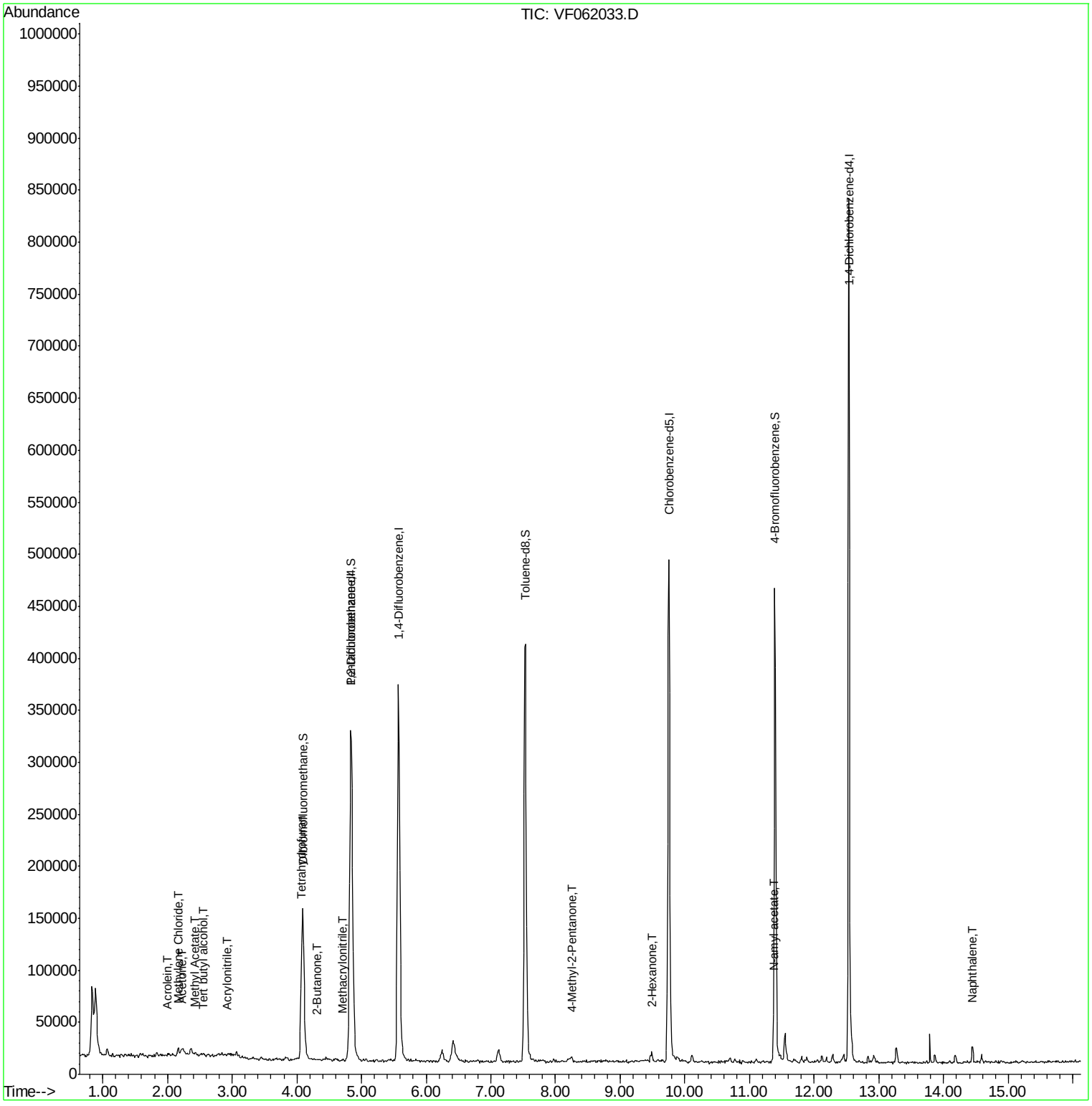
(#) = qualifier out of range (m) = manual integration (+) = signals summed

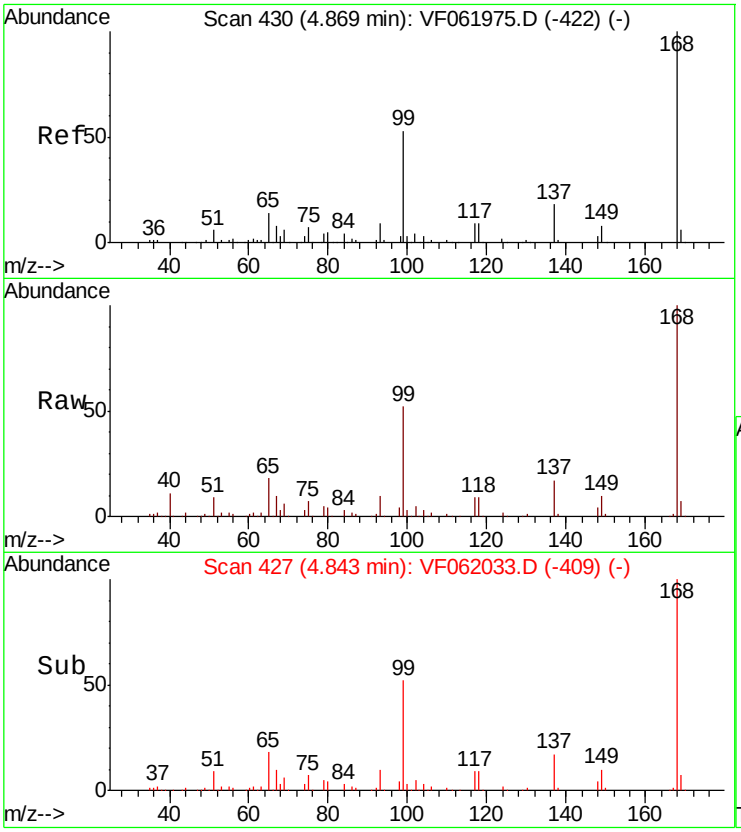
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF032019\
Data File : VF062033.D
Acq On : 20 Mar 2019 11:44
Operator : VA/AP
Sample : VF0320SBL01
Misc : 5.00g/5mL/MSVOA-F/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId : VF0320SBL01

Quant Time: Mar 21 15:20:24 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F031619S.M
Quant Title : SW846 8260
QLast Update : Mon Mar 18 07:28:40 2019
Response via : Initial Calibration



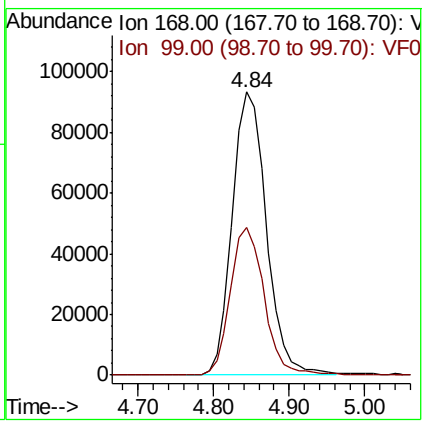


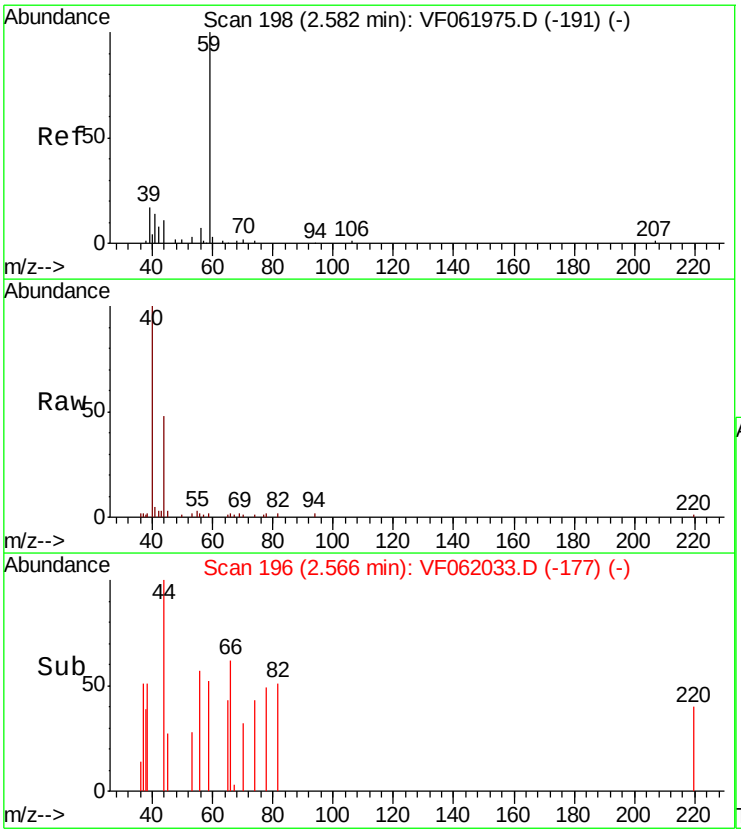
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 4.84 min Scan# 427
Delta R.T. -0.03 min
Lab File: VF062033.D
Acq: 20 Mar 2019 11:44

Instrument :
MSVOA_F
ClientSampleId :
VF0320SBL01

Tgt Ion:168 Resp: 292351

Ion	Ratio	Lower	Upper
168	100		
99	52.1	42.4	63.6

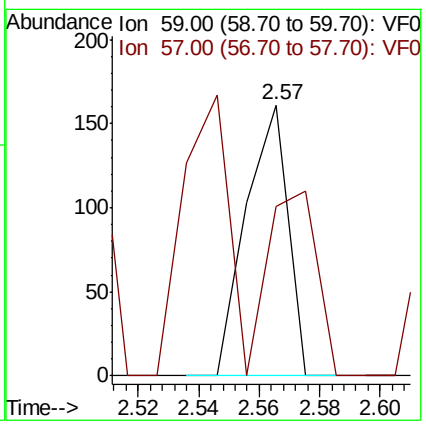


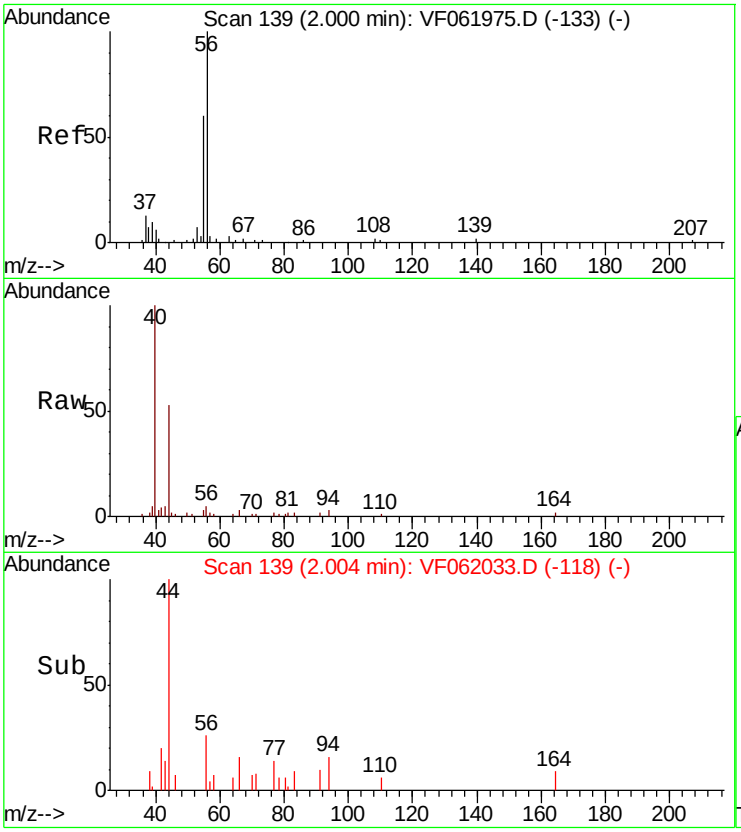


#11
Tert butyl alcohol
Concen: 1.211 ug/l
RT: 2.57 min Scan# 196
Delta R.T. -0.02 min
Lab File: VF062033.D
Acq: 20 Mar 2019 11:44

Tgt Ion: 59 Resp: 156

Ion	Ratio	Lower	Upper
59	100		
57	62.7	8.7	13.1#



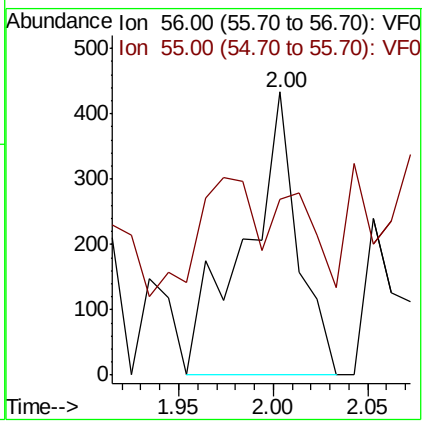


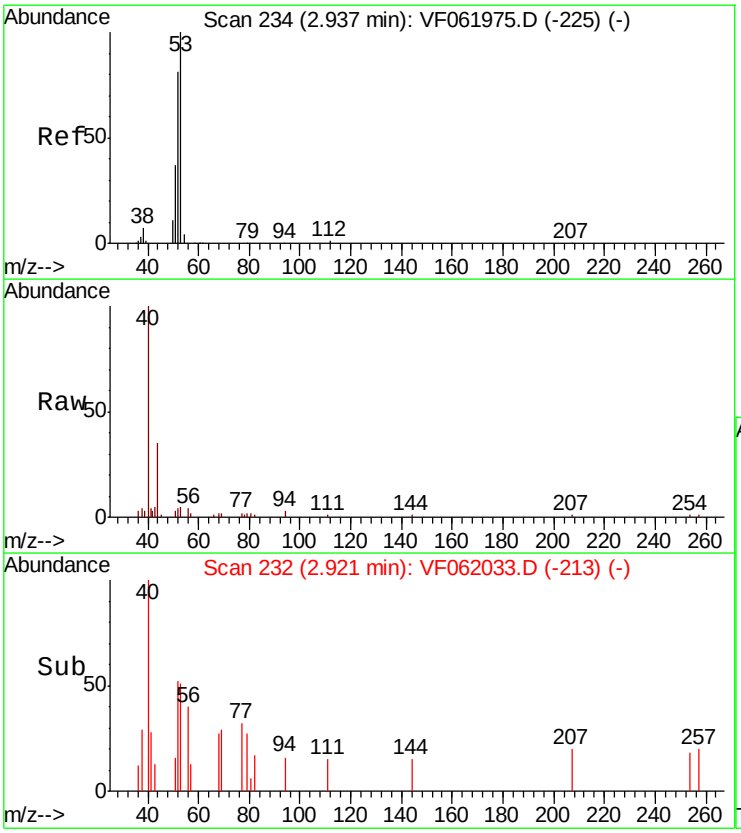
#13
Acrolein
Concen: 6.021 ug/l
RT: 2.00 min Scan# 139
Delta R.T. 0.00 min
Lab File: VF062033.D
Acq: 20 Mar 2019 11:44

Instrument : MSVOA_F
ClientSampleId : VF0320SBL01

Tgt Ion: 56 Resp: 837

Ion	Ratio	Lower	Upper
56	100		
55	62.4	49.1	73.7

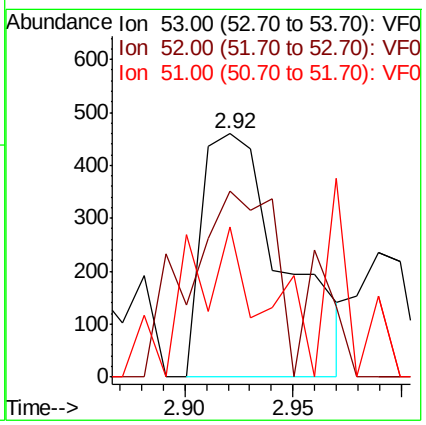


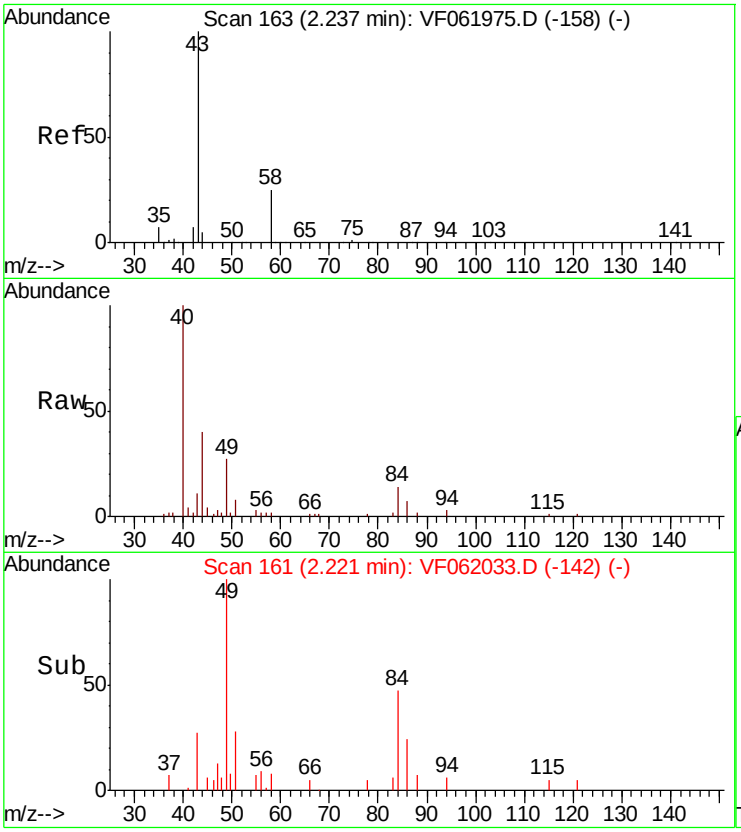


#15
Acrylonitrile
Concen: 3.110 ug/l
RT: 2.92 min Scan# 232
Delta R.T. -0.02 min
Lab File: VF062033.D
Acq: 20 Mar 2019 11:44

Tgt Ion: 53 Resp: 1218

Ion	Ratio	Lower	Upper
53	100		
52	76.5	64.4	96.6
51	61.5	30.3	45.5#



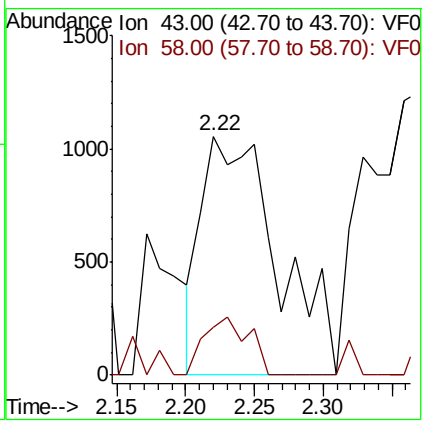


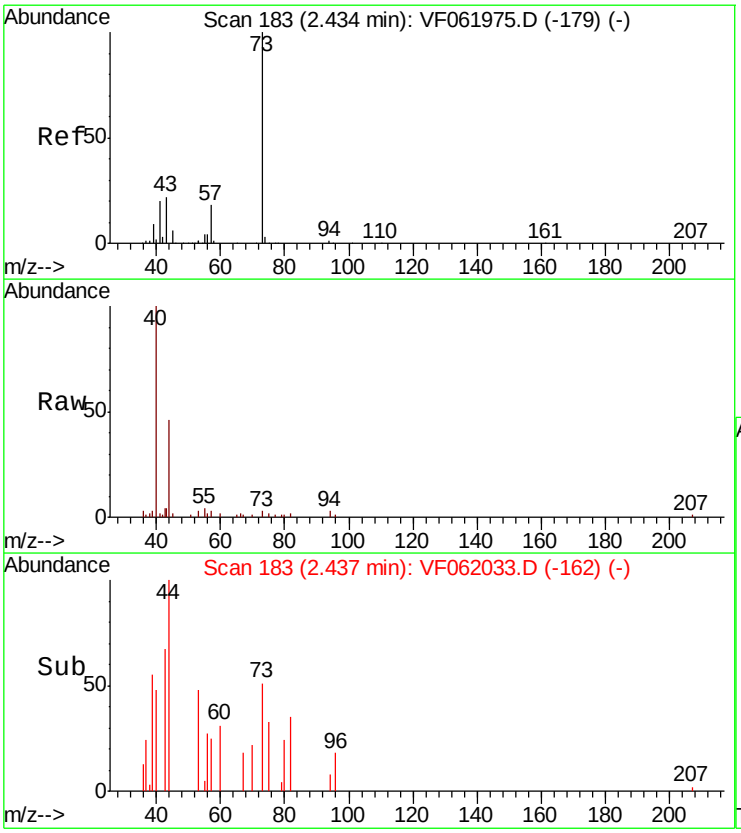
#16
Acetone
Concen: 8.555 ug/l
RT: 2.22 min Scan# 161
Delta R.T. -0.02 min
Lab File: VF062033.D
Acq: 20 Mar 2019 11:44

Instrument :
MSVOA_F
ClientSampleId :
VF0320SBL01

Tgt Ion: 43 Resp: 4043

Ion	Ratio	Lower	Upper
43	100		
58	20.0	19.9	29.9

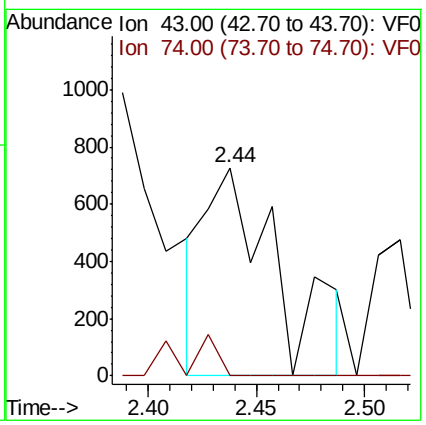


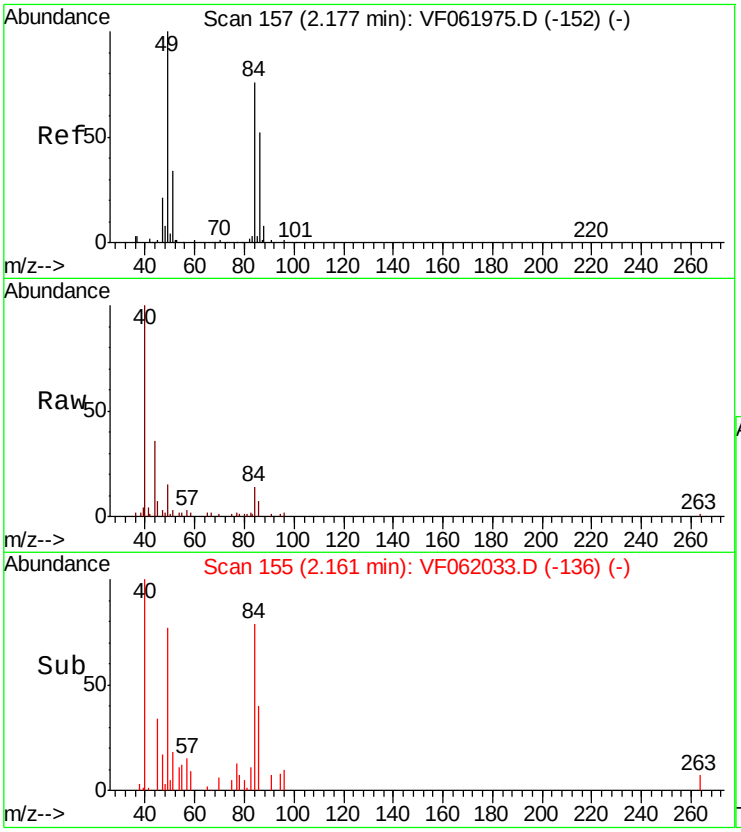


#18
Methyl Acetate
Concen: 1.803 ug/l
RT: 2.44 min Scan# 183
Delta R.T. 0.00 min
Lab File: VF062033.D
Acq: 20 Mar 2019 11:44

Tgt Ion: 43 Resp: 1743

Ion	Ratio	Lower	Upper
43	100		
74	0.0	12.6	18.8#



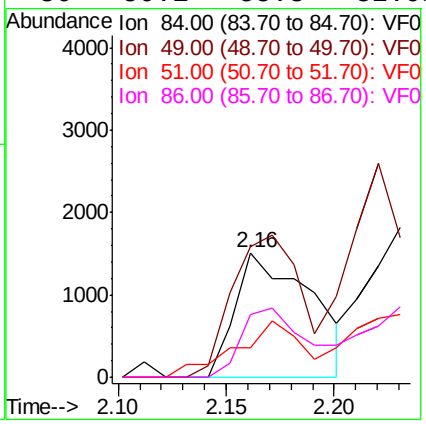


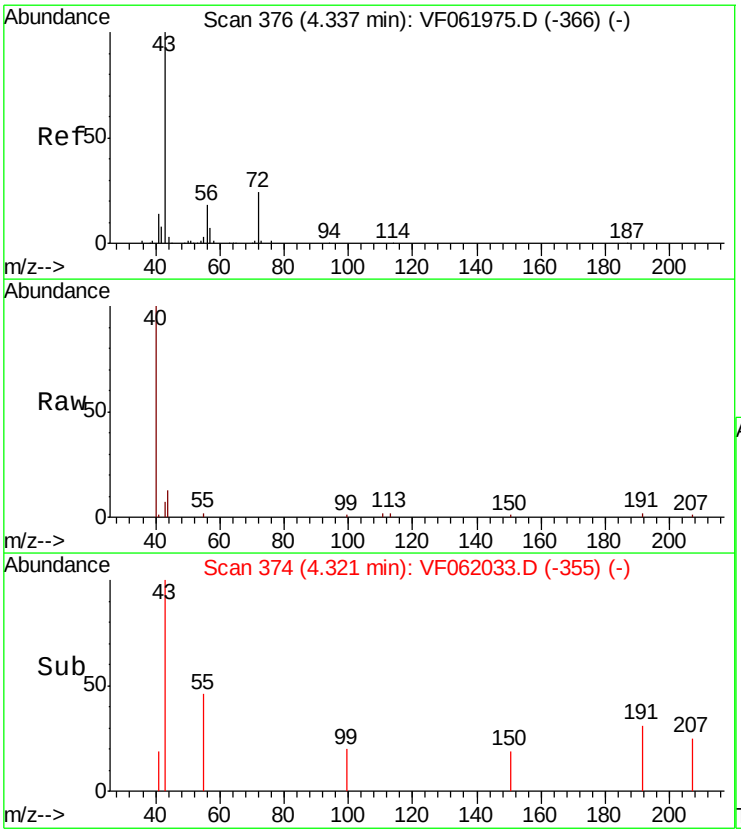
#20
Methylene Chloride
Concen: 1.508 ug/l
RT: 2.16 min Scan# 155
Delta R.T. -0.02 min
Lab File: VF062033.D
Acq: 20 Mar 2019 11:44

Instrument : MSVOA_F
ClientSampleId : VF0320SBL01

Tgt Ion: 84 Resp: 3668

Ion	Ratio	Lower	Upper
84	100		
49	104.4	107.0	160.6#
51	23.1	37.2	55.8#
86	50.1	55.3	82.9#

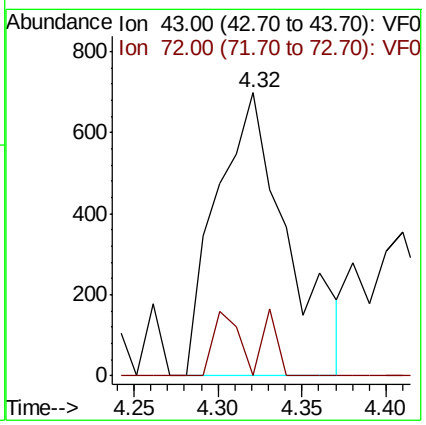


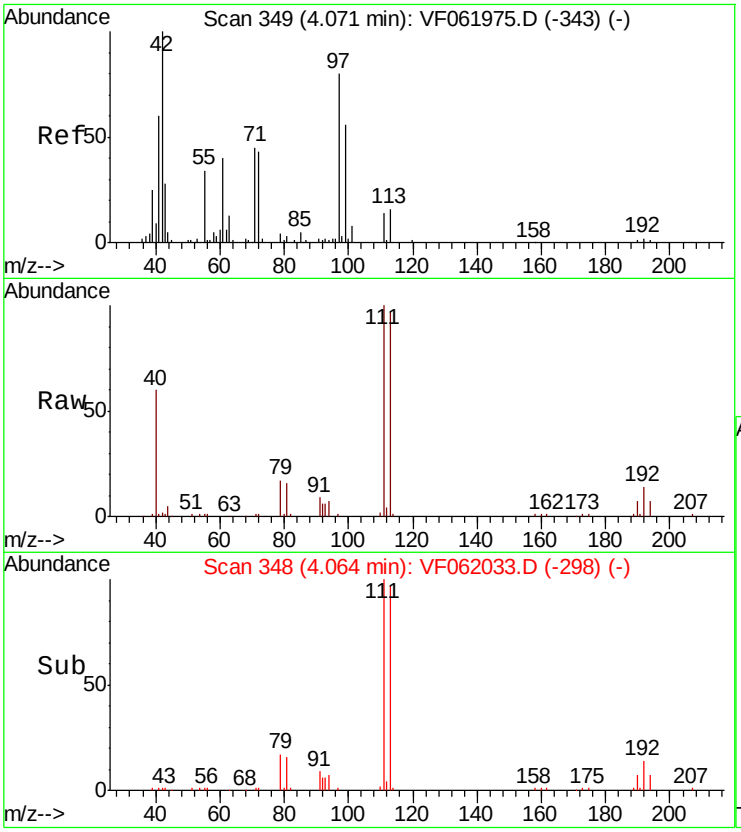


#25
2-Butanone
Concen: 2.205 ug/l
RT: 4.32 min Scan# 374
Delta R.T. -0.02 min
Lab File: VF062033.D
Acq: 20 Mar 2019 11:44

Tgt Ion: 43 Resp: 2064

Ion	Ratio	Lower	Upper
43	100		
72	0.0	19.8	29.6#



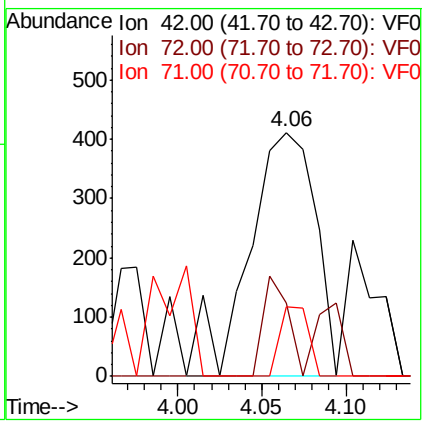


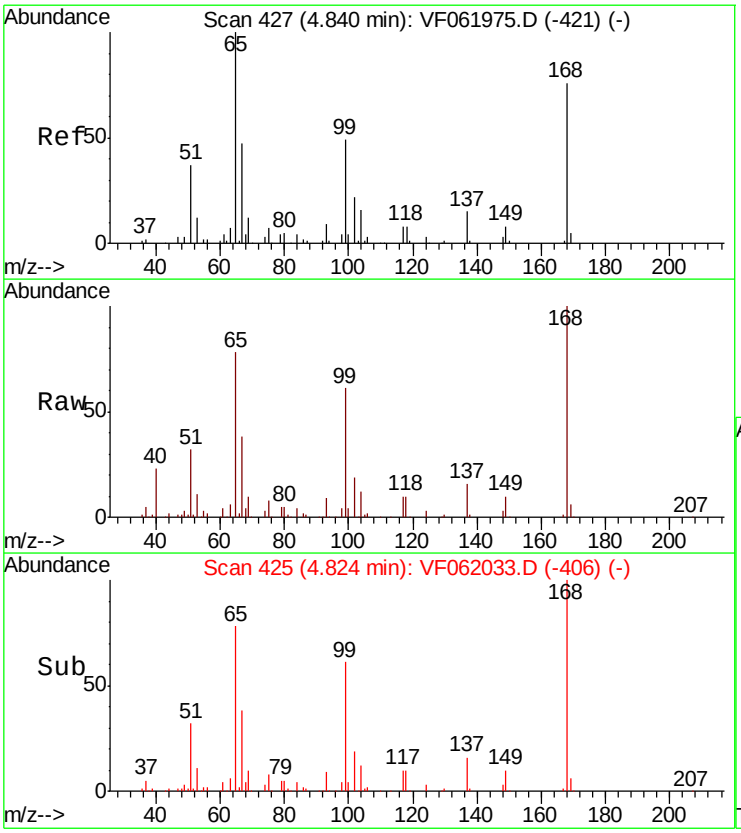
#29
Tetrahydrofuran
Concen: 2.793 ug/l
RT: 4.06 min Scan# 348
Delta R.T. -0.01 min
Lab File: VF062033.D
Acq: 20 Mar 2019 11:44

Instrument :
MSVOA_F
ClientSampleId :
VF0320SBL01

Tgt Ion: 42 Resp: 1137

Ion	Ratio	Lower	Upper
42	100		
72	15.3	34.0	51.0#
71	12.1	34.2	51.4#

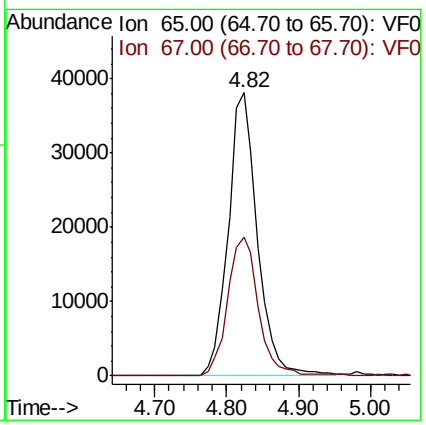


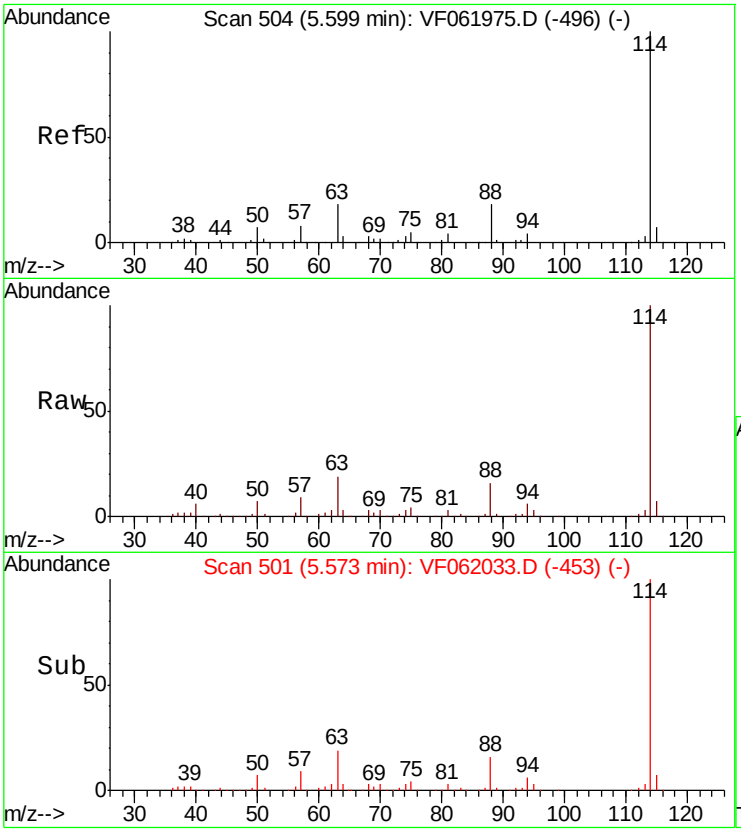


#33
1,2-Dichloroethane-d4
Concen: 51.120 ug/l
RT: 4.82 min Scan# 425
Delta R.T. -0.02 min
Lab File: VF062033.D
Acq: 20 Mar 2019 11:44

Tgt Ion: 65 Resp: 107579

Ion	Ratio	Lower	Upper
65	100		
67	49.1	0.0	109.4



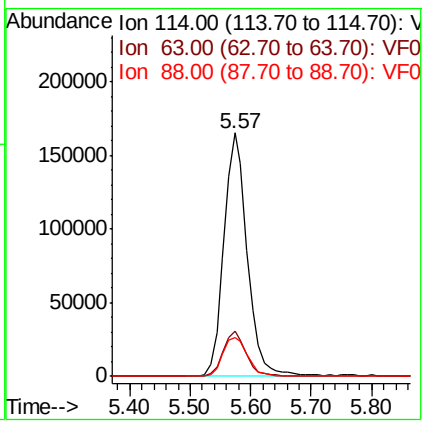


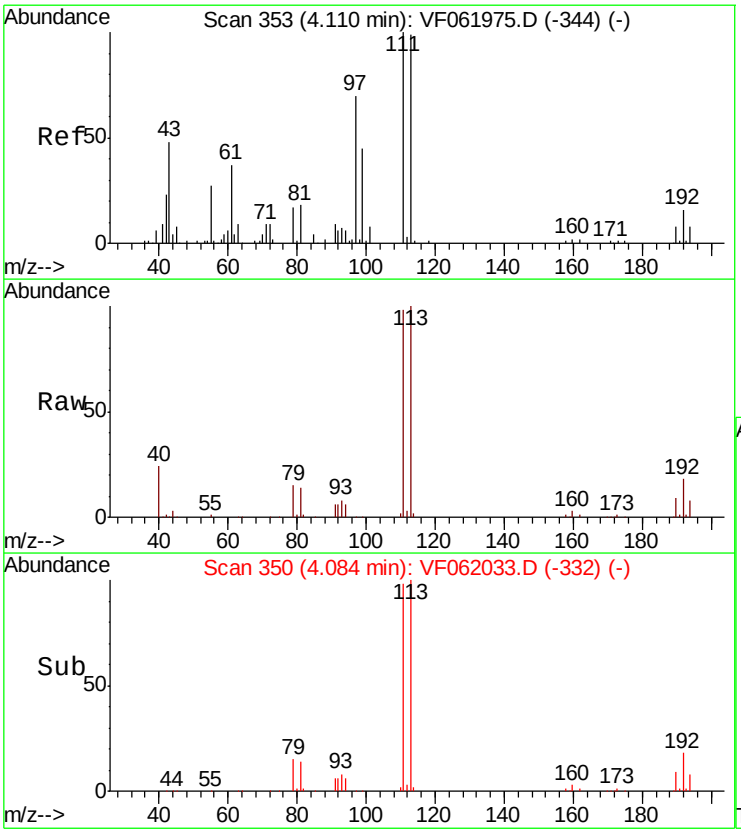
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.57 min Scan# 501
Delta R.T. -0.03 min
Lab File: VF062033.D
Acq: 20 Mar 2019 11:44

Instrument :
MSVOA_F
ClientSampleId :
VF0320SBL01

Tgt Ion:114 Resp: 443608

Ion	Ratio	Lower	Upper
114	100		
63	18.5	0.0	36.4
88	16.1	0.0	36.4

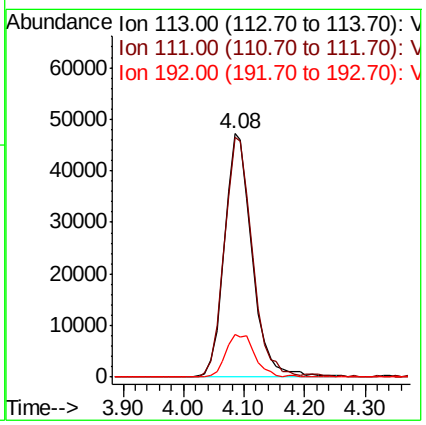


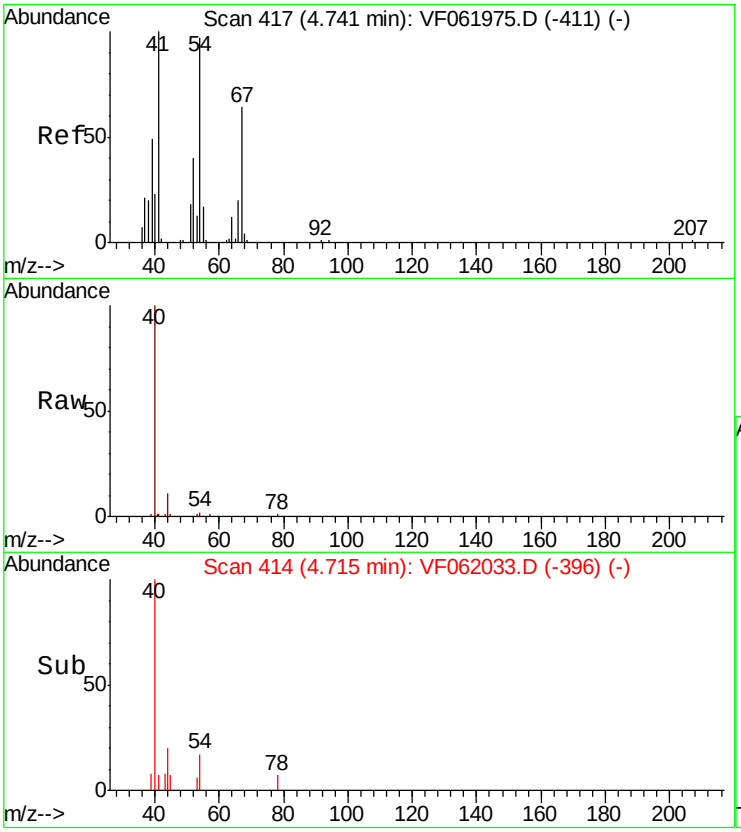


#35
Dibromofluoromethane
Concen: 49.896 ug/l
RT: 4.08 min Scan# 350
Delta R.T. -0.03 min
Lab File: VF062033.D
Acq: 20 Mar 2019 11:44

Tgt Ion:113 Resp: 148636

Ion	Ratio	Lower	Upper
113	100		
111	98.3	80.8	121.2
192	17.6	13.0	19.6



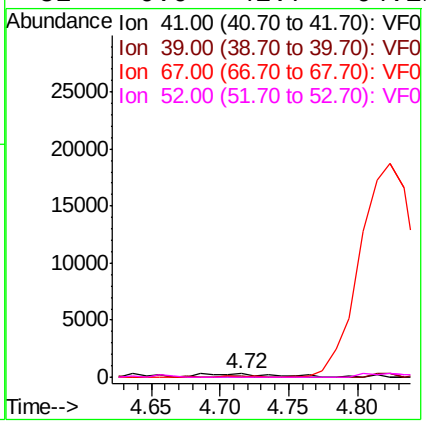


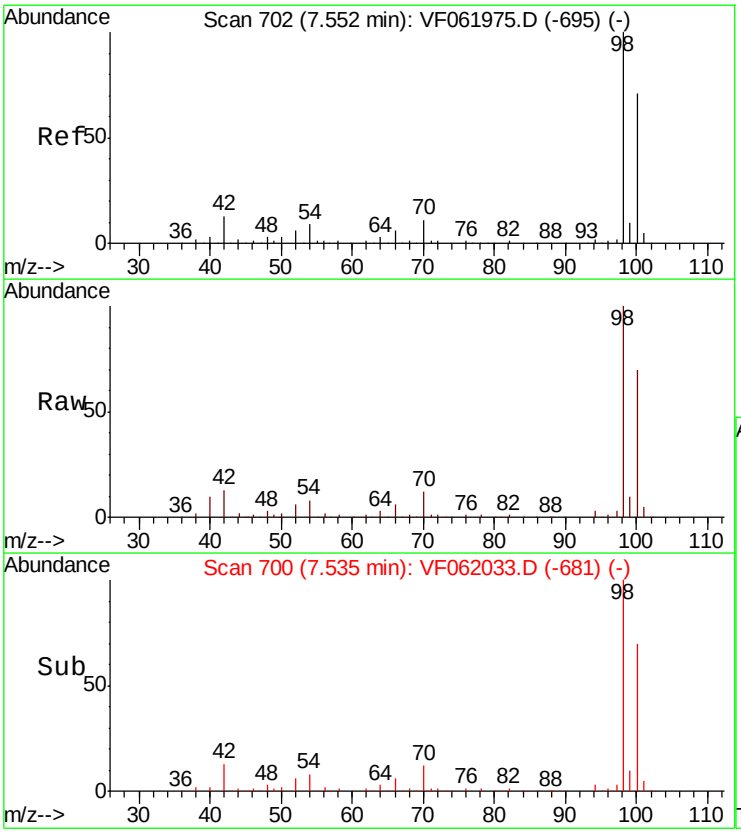
#41
Methacrylonitrile
Concen: 1.091 ug/l
RT: 4.72 min Scan# 414
Delta R.T. -0.03 min
Lab File: VF062033.D
Acq: 20 Mar 2019 11:44

Instrument :
MSVOA_F
ClientSampleId :
VF0320SBL01

Tgt Ion: 41 Resp: 1048

Ion	Ratio	Lower	Upper
41	100		
39	48.6	46.2	69.4
67	0.0	49.8	74.8#
52	0.0	42.7	64.1#

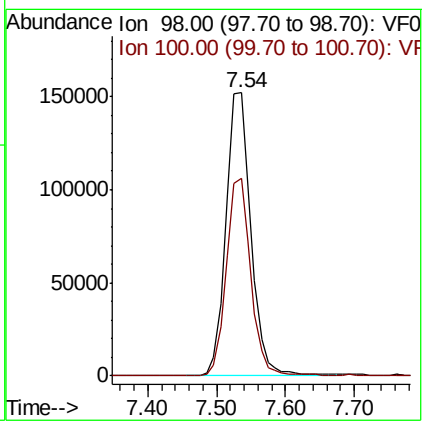


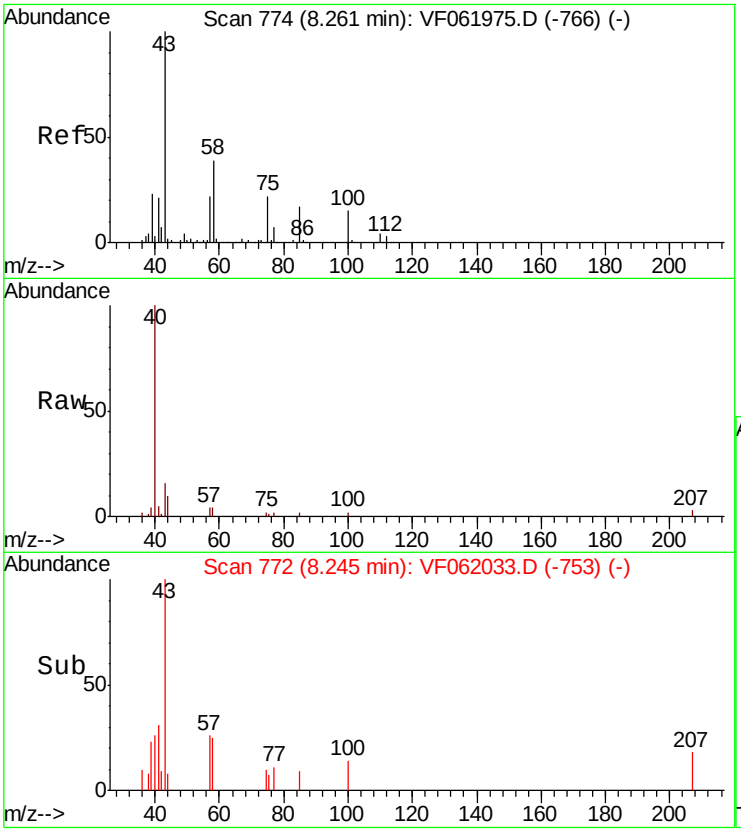


#50
Toluene-d8
Concen: 43.966 ug/l
RT: 7.54 min Scan# 700
Delta R.T. -0.02 min
Lab File: VF062033.D
Acq: 20 Mar 2019 11:44

Tgt Ion: 98 Resp: 382869

Ion	Ratio	Lower	Upper
98	100		
100	69.7	56.8	85.2



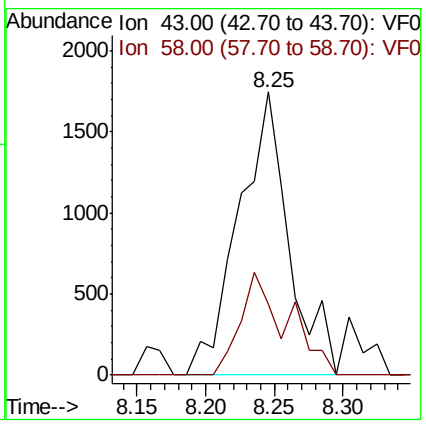


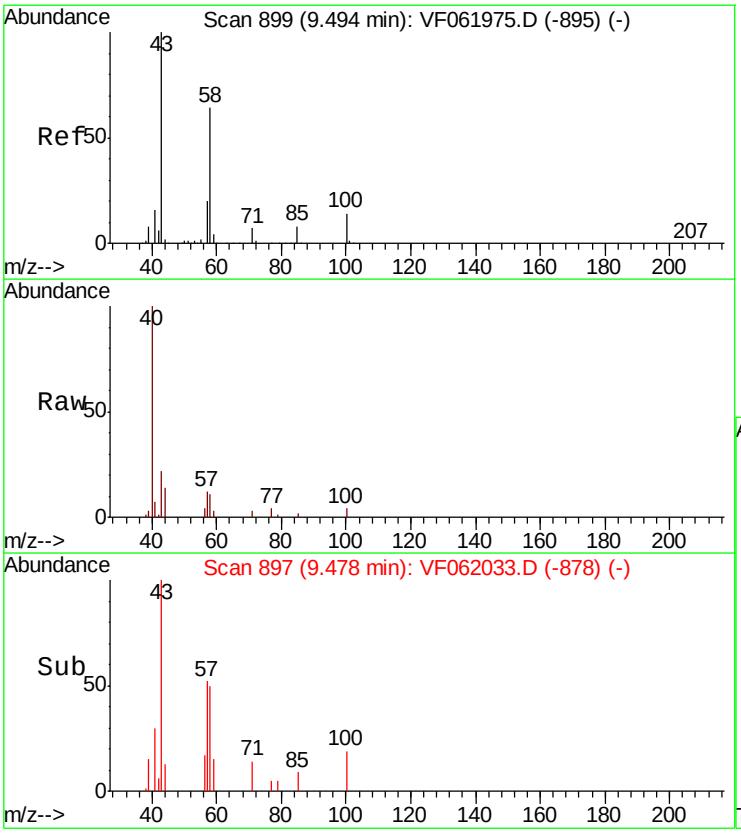
#51
4-Methyl-2-Pentanone
Concen: 2.940 ug/l
RT: 8.25 min Scan# 772
Delta R.T. -0.02 min
Lab File: VF062033.D
Acq: 20 Mar 2019 11:44

Instrument :
MSVOA_F
ClientSampleId :
VF0320SBL01

Tgt Ion: 43 Resp: 4443

Ion	Ratio	Lower	Upper
43	100		
58	25.2	31.1	46.7#

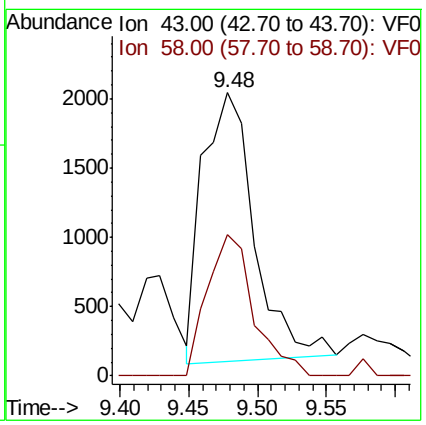


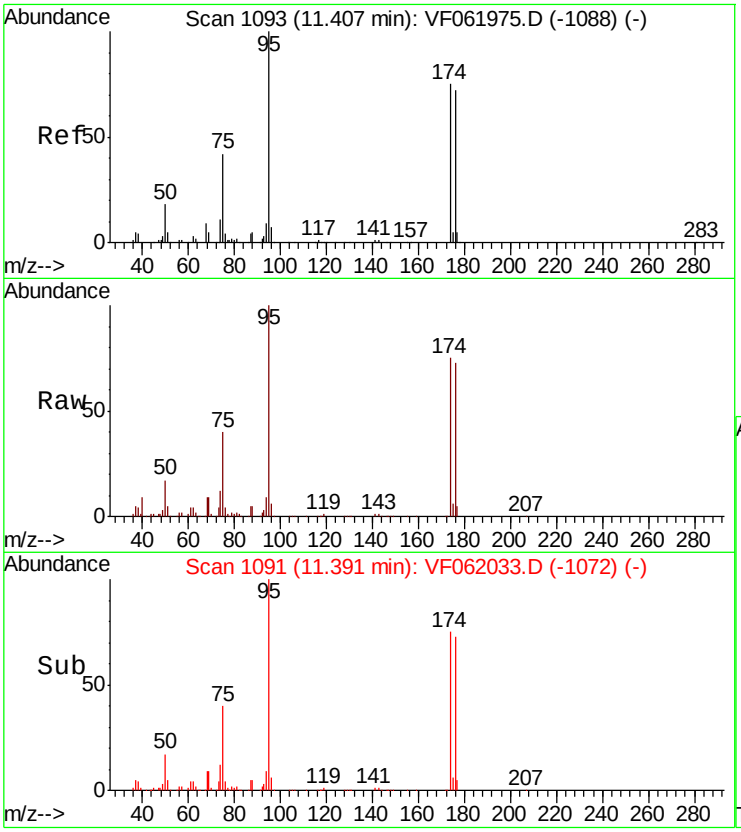


#59
2-Hexanone
Concen: 4.664 ug/l
RT: 9.48 min Scan# 897
Delta R.T. -0.02 min
Lab File: VF062033.D
Acq: 20 Mar 2019 11:44

Tgt Ion: 43 Resp: 5101

Ion	Ratio	Lower	Upper
43	100		
58	50.0	28.4	85.2



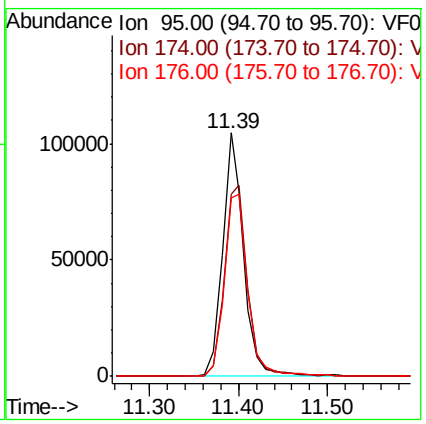


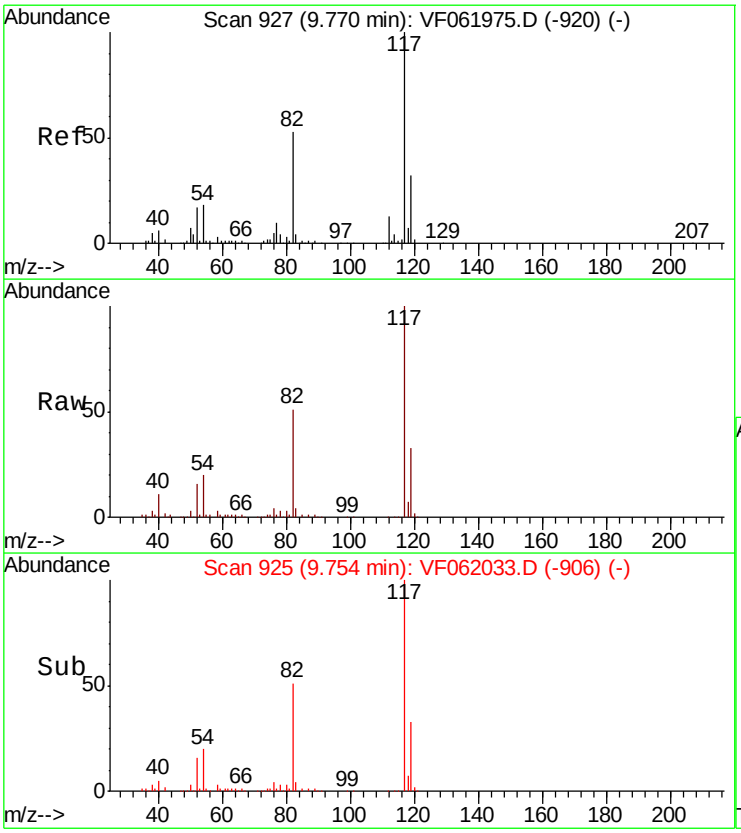
#62
4-Bromofluorobenzene
Concen: 50.607 ug/l
RT: 11.39 min Scan# 1091
Delta R.T. -0.02 min
Lab File: VF062033.D
Acq: 20 Mar 2019 11:44

Instrument :
MSVOA_F
ClientSampleId :
VF0320SBL01

Tgt Ion: 95 Resp: 175072

Ion	Ratio	Lower	Upper
95	100		
174	74.9	0.0	149.4
176	73.4	0.0	143.4

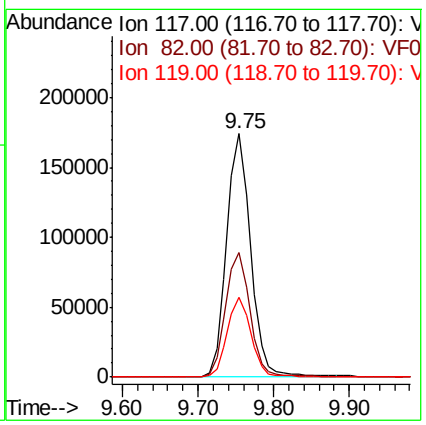


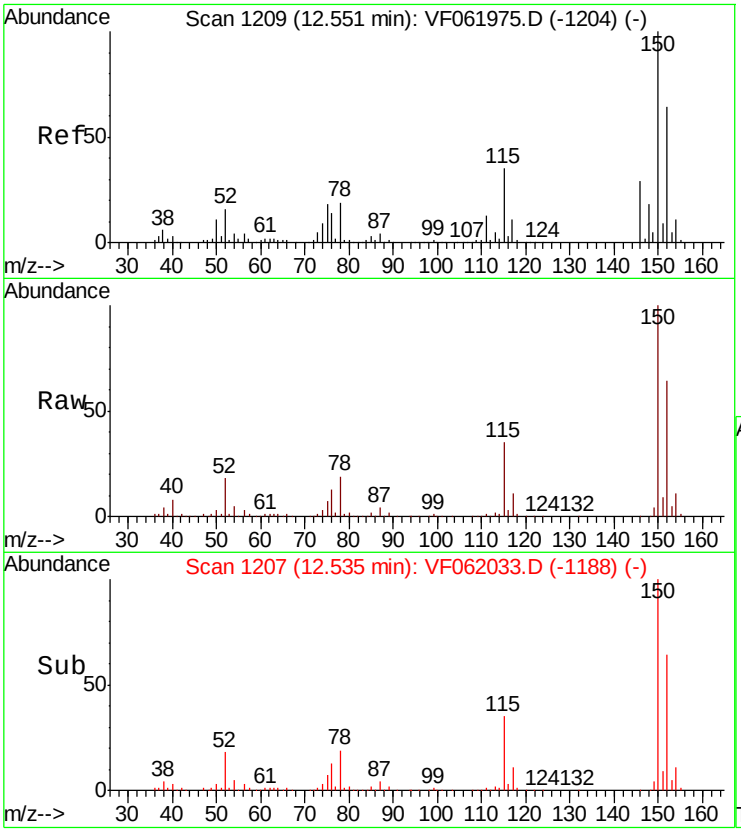


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.75 min Scan# 925
Delta R.T. -0.02 min
Lab File: VF062033.D
Acq: 20 Mar 2019 11:44

Tgt Ion:117 Resp: 383541

Ion	Ratio	Lower	Upper
117	100		
82	51.3	42.5	63.7
119	32.6	25.4	38.0



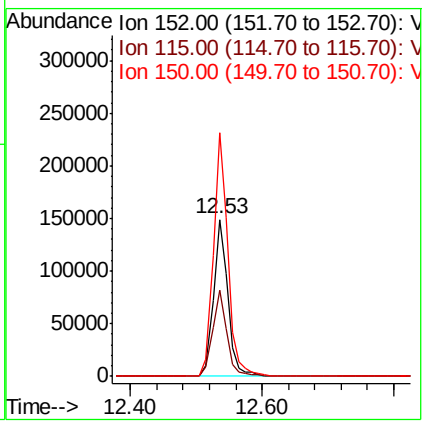


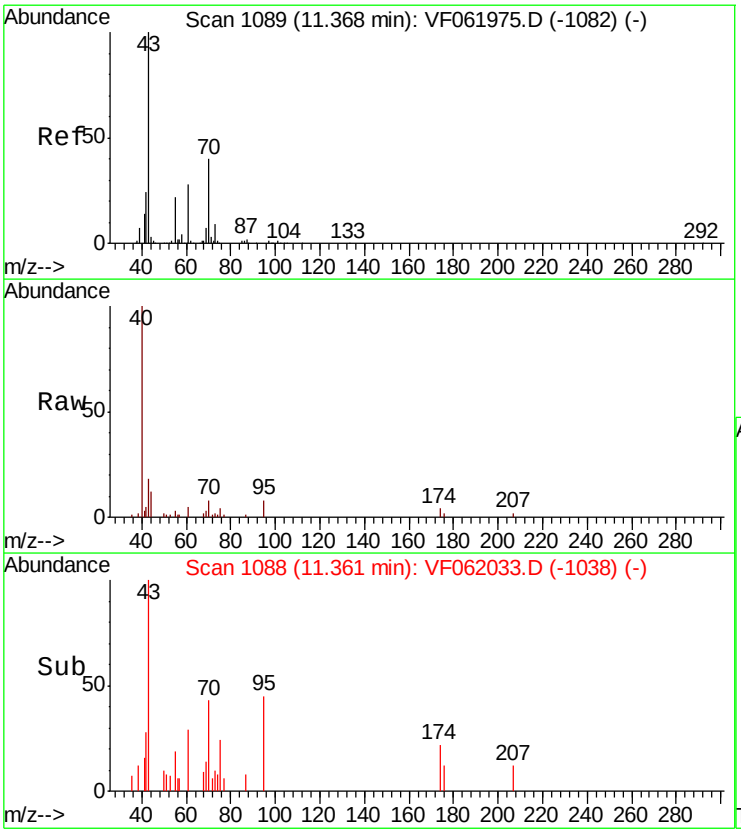
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.53 min Scan# 1207
Delta R.T. -0.02 min
Lab File: VF062033.D
Acq: 20 Mar 2019 11:44

Instrument : MSVOA_F
ClientSampleId : VF0320SBL01

Tgt Ion:152 Resp: 223696

Ion	Ratio	Lower	Upper
152	100		
115	54.9	27.3	81.9
150	155.1	0.0	316.2

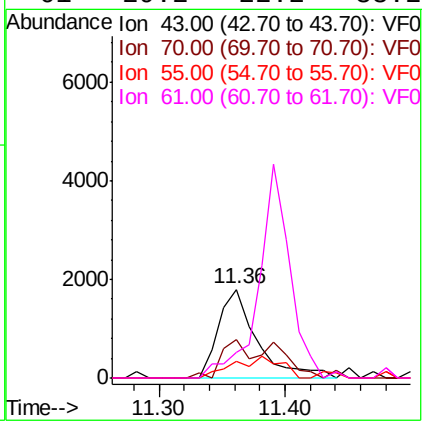


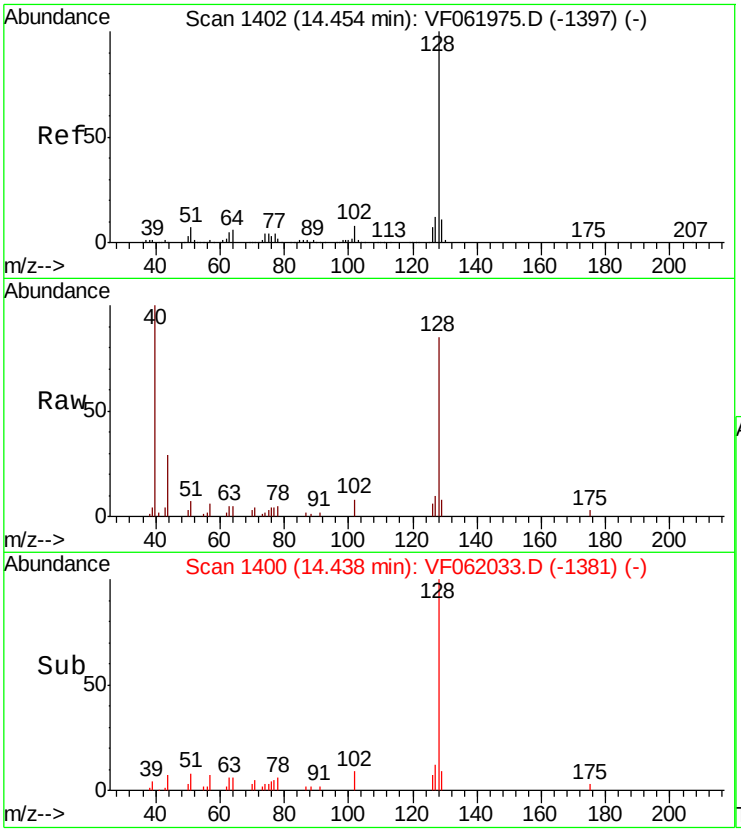


#74
N-amyl acetate
Concen: 1.070 ug/l
RT: 11.36 min Scan# 1088
Delta R.T. -0.01 min
Lab File: VF062033.D
Acq: 20 Mar 2019 11:44

Tgt Ion: 43 Resp: 3790

Ion	Ratio	Lower	Upper
43	100		
70	42.8	31.9	47.9
55	19.2	17.9	26.9
61	29.2	22.2	33.2





#95
Naphthalene
Concen: 1.323 ug/l
RT: 14.44 min Scan# 1400
Delta R.T. -0.02 min
Lab File: VF062033.D
Acq: 20 Mar 2019 11:44

Instrument :
MSVOA_F
ClientSampleId :
VF0320SBL01

Tgt Ion:128 Resp: 10798

Ion	Ratio	Lower	Upper
128	100		
127	12.2	9.3	13.9
129	9.1	9.1	13.7