Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF052219\
Data File : VF062701.D
Acq On : 22 May 2019 13:07
Operator : FY/SY
Sample : K2962-11RE
Misc : 3.93g/5mL/MSVOA_F/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId :

Quant Time: May 23 01:21:17 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F051619S.M
Quant Title : SW846 8260
QLast Update : Fri May 17 05:49:09 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.05	168	741798	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	5.77	114	1241524	50.00	ug/l	-0.02
63) Chlorobenzene-d5	9.90	117	891193	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	12.60	152	417115	50.00	ug/l	-0.02
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.03	65	164798	31.44	ug/l	0.00
Spiked Amount 50.000			Recovery = 62.88%			
35) Dibromofluoromethane	4.30	113	309341	32.56	ug/l	-0.02
Spiked Amount 50.000			Recovery = 65.12%			
50) Toluene-d8	7.70	98	635532	28.02	ug/l	-0.02
Spiked Amount 50.000			Recovery = 56.04%			
62) 4-Bromofluorobenzene	11.49	95	230237	26.76	ug/l	-0.02
Spiked Amount 50.000			Recovery = 53.52%			
Target Compounds						Qvalue
11) Tert butyl alcohol	2.67	59	1079	3.118	ug/l #	63
15) Acrylonitrile	3.09	53	1259	1.290	ug/l	91
16) Acetone	2.35	43	33187	24.404	ug/l	91
18) Methyl Acetate	2.46	43	2557	1.197	ug/l	96
20) Methylene Chloride	2.29	84	13892	2.038	ug/l	88
25) 2-Butanone	4.52	43	3525	1.213	ug/l	98
43) Isopropyl Acetate	7.11	43	8542	1.269	ug/l #	70
49) 1,4-Dioxane	6.86	88	358	7.947	ug/l #	50
52) Toluene	7.77	92	43194	2.376	ug/l	99
56) Ethyl methacrylate	8.75	69	8714	1.359	ug/l #	81
58) 2-Chloroethyl Vinyl ether	7.44	63	8121	3.891	ug/l #	87
59) 2-Hexanone	9.61	43	25871	Below Cal		98
74) N-amyl acetate	11.44	43	18572	Below Cal #		91
95) Naphthalene	14.48	128	20287	1.302	ug/l	97

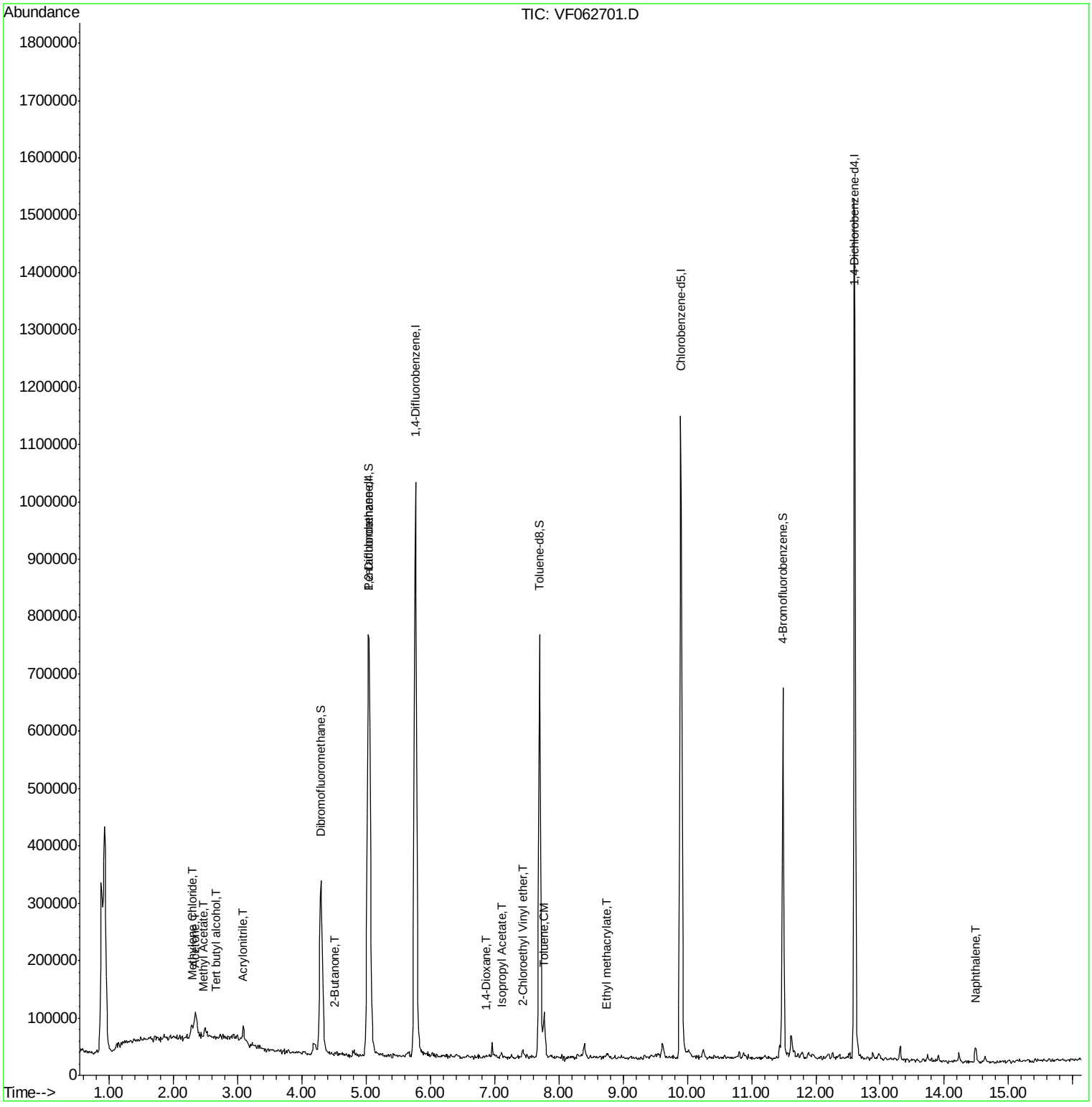
(#) = qualifier out of range (m) = manual integration (+) = signals summed

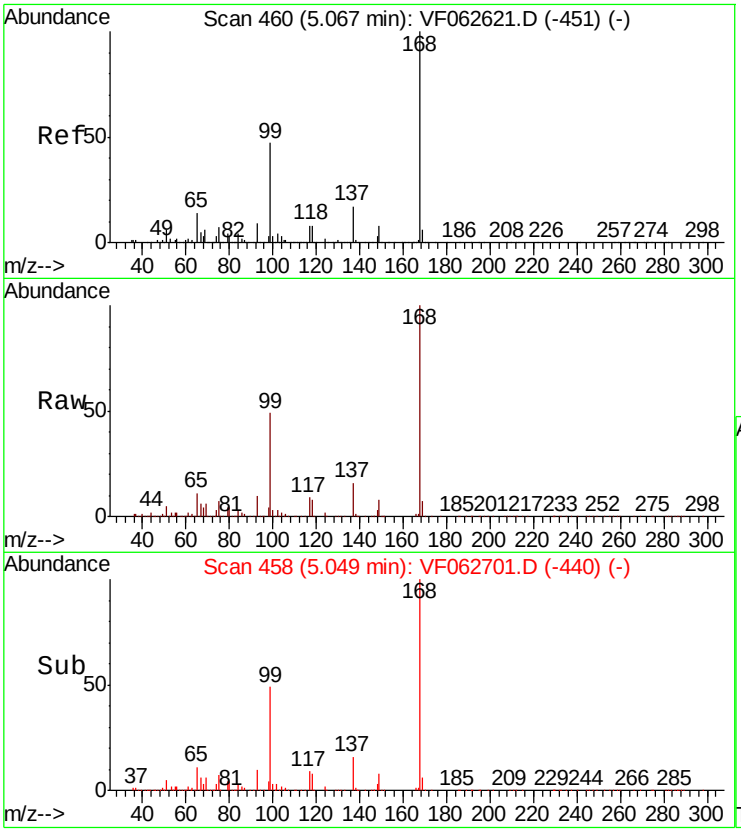
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF052219\
Data File : VF062701.D
Acq On : 22 May 2019 13:07
Operator : FY/SY
Sample : K2962-11RE
Misc : 3.93g/5mL/MSVOA_F/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :

Quant Time: May 23 01:21:17 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F051619S.M
Quant Title : SW846 8260
QLast Update : Fri May 17 05:49:09 2019
Response via : Initial Calibration



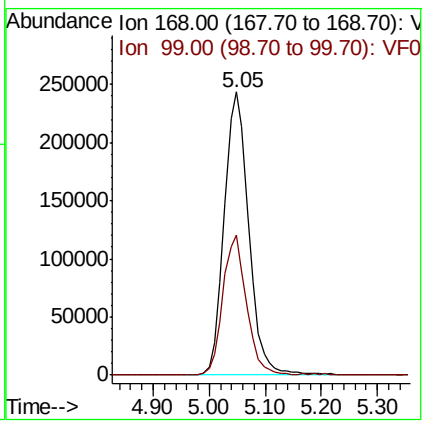


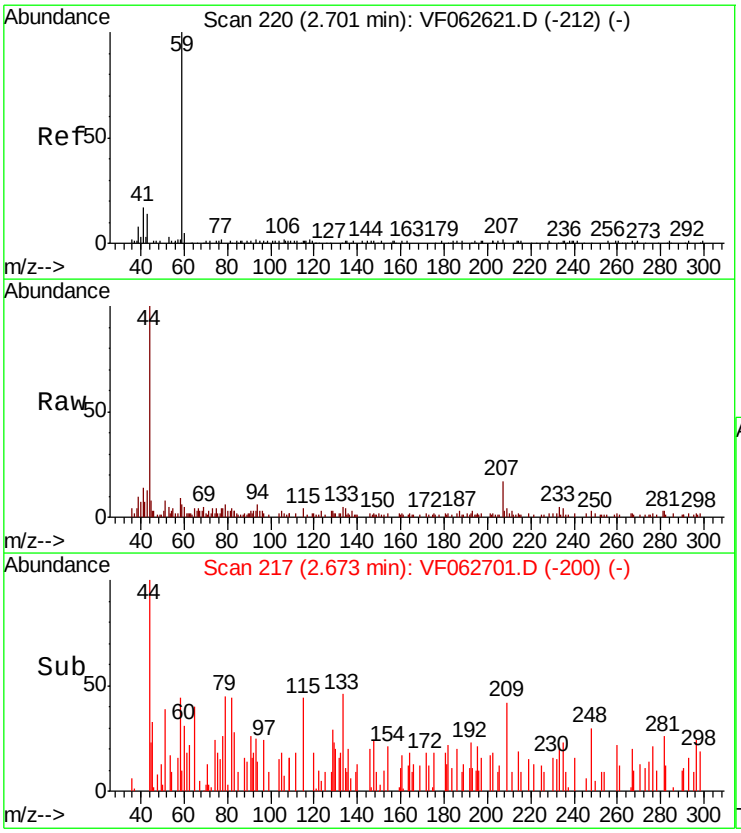
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.05 min Scan# 458
Delta R.T. -0.02 min
Lab File: VF062701.D
Acq: 22 May 2019 13:07

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion:168 Resp: 741798

Ion	Ratio	Lower	Upper
168	100		
99	49.4	37.8	56.8

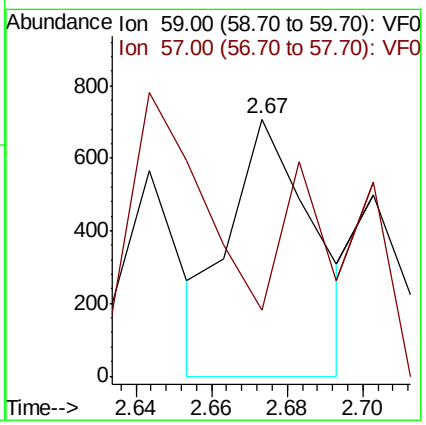


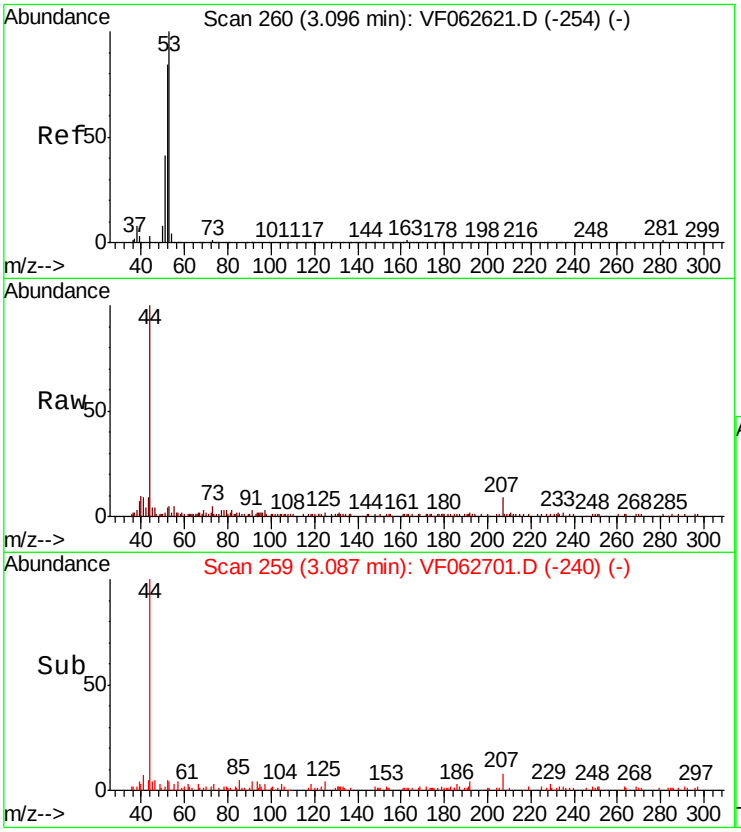


#11
Tert butyl alcohol
Concen: 3.118 ug/l
RT: 2.67 min Scan# 217
Delta R.T. -0.03 min
Lab File: VF062701.D
Acq: 22 May 2019 13:07

Tgt Ion: 59 Resp: 1079

Ion	Ratio	Lower	Upper
59	100		
57	25.9	9.3	13.9#



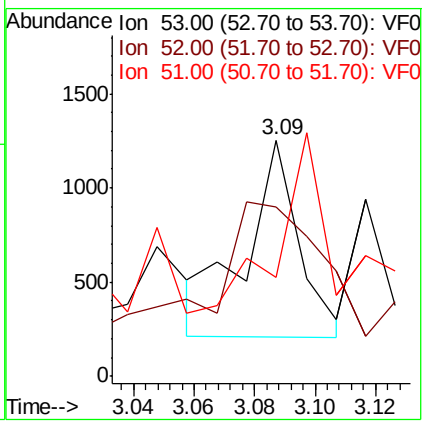


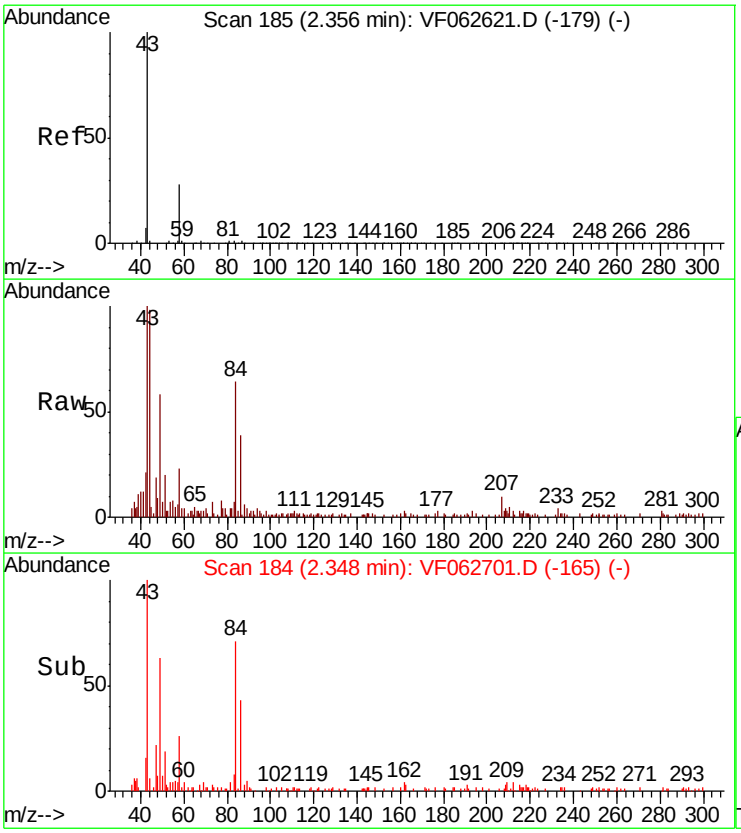
#15
Acrylonitrile
Concen: 1.290 ug/l
RT: 3.09 min Scan# 259
Delta R.T. -0.01 min
Lab File: VF062701.D
Acq: 22 May 2019 13:07

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 53 Resp: 1259

Ion	Ratio	Lower	Upper
53	100		
52	71.8	67.3	100.9
51	42.0	33.0	49.6

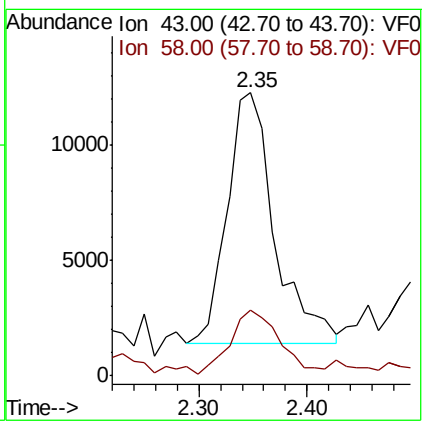


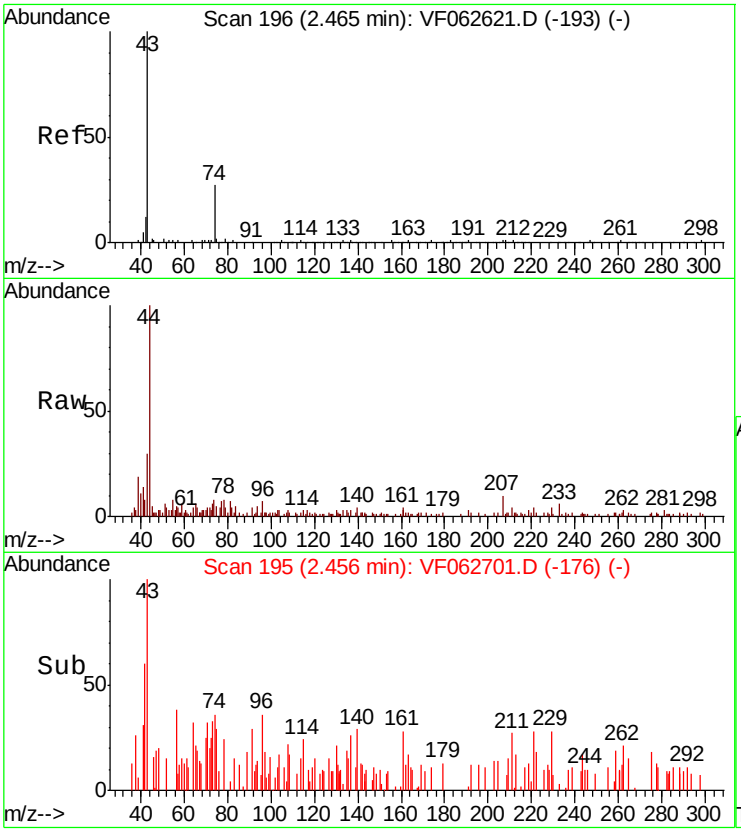


#16
Acetone
Concen: 24.404 ug/l
RT: 2.35 min Scan# 184
Delta R.T. -0.01 min
Lab File: VF062701.D
Acq: 22 May 2019 13:07

Tgt Ion: 43 Resp: 33187

Ion	Ratio	Lower	Upper
43	100		
58	23.3	22.6	33.8



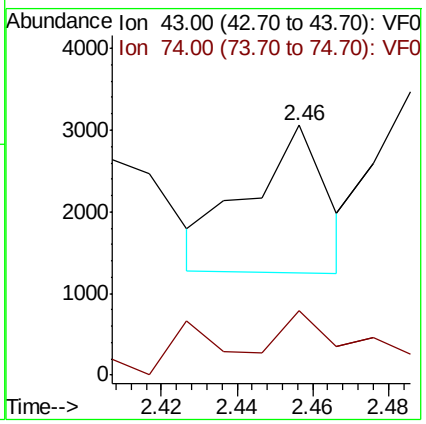


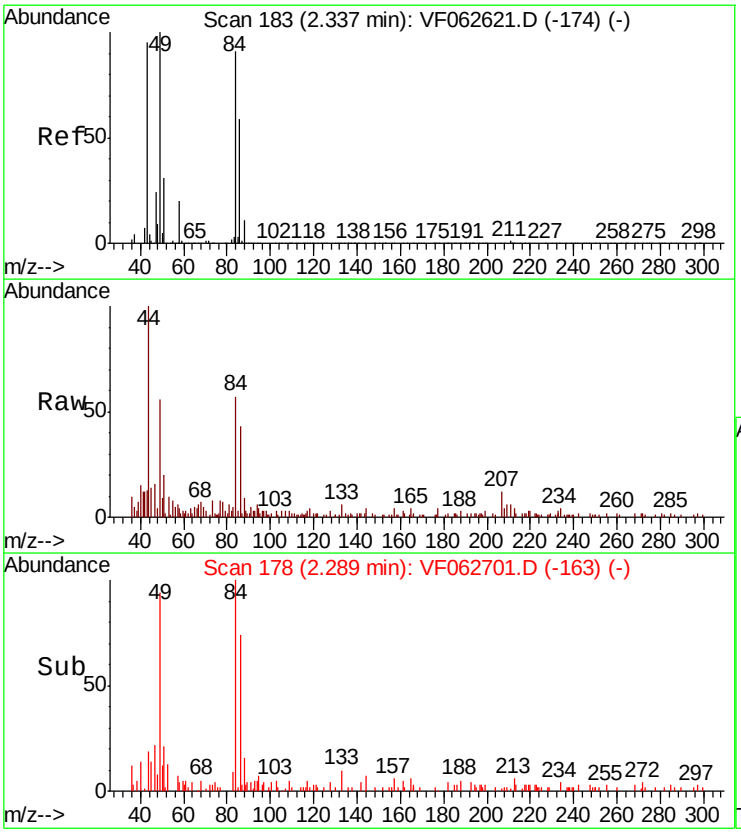
#18
Methyl Acetate
Concen: 1.197 ug/l
RT: 2.46 min Scan# 195
Delta R.T. -0.01 min
Lab File: VF062701.D
Acq: 22 May 2019 13:07

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 43 Resp: 2557

Ion	Ratio	Lower	Upper
43	100		
74	25.7	18.9	28.3

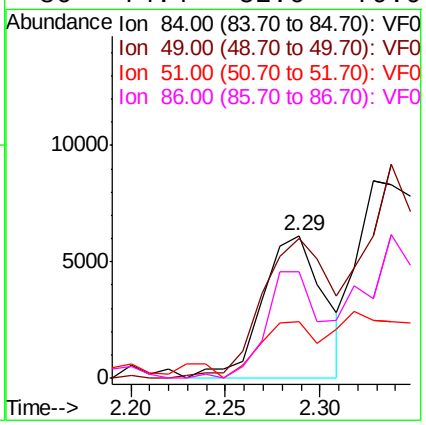


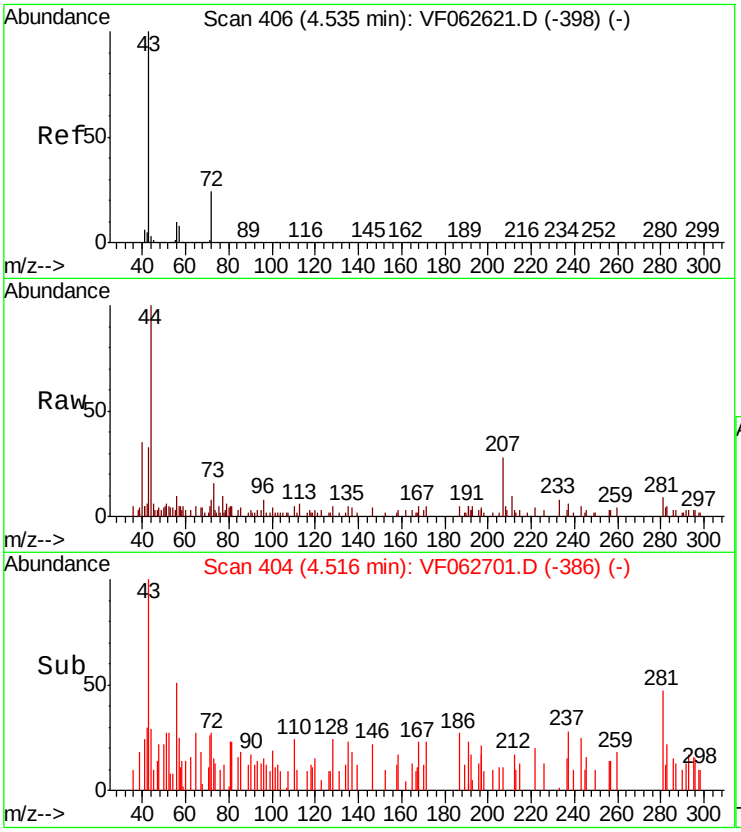


#20
Methylene Chloride
Concen: 2.038 ug/l
RT: 2.29 min Scan# 178
Delta R.T. -0.05 min
Lab File: VF062701.D
Acq: 22 May 2019 13:07

Tgt Ion: 84 Resp: 13892

Ion	Ratio	Lower	Upper
84	100		
49	97.8	89.8	134.8
51	39.6	28.4	42.6
86	74.4	52.6	79.0



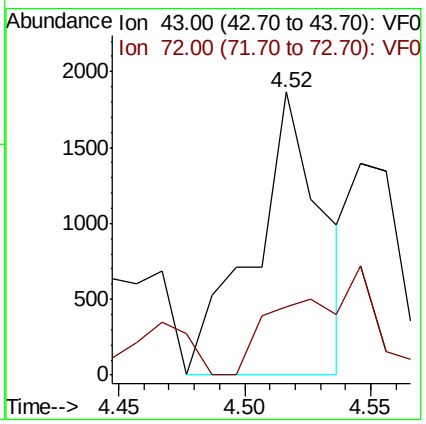


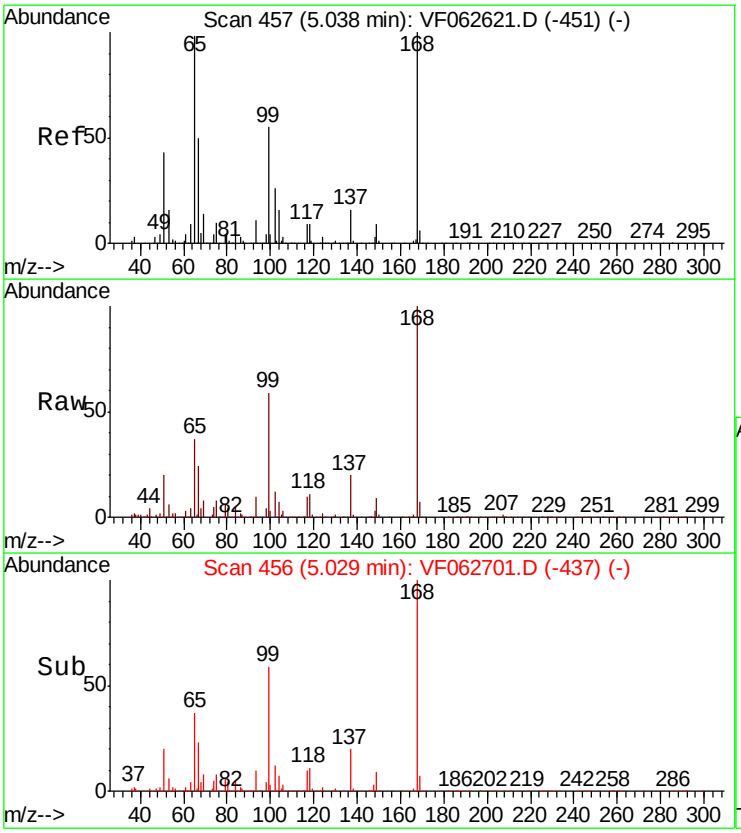
#25
2-Butanone
Concen: 1.213 ug/l
RT: 4.52 min Scan# 404
Delta R.T. -0.02 min
Lab File: VF062701.D
Acq: 22 May 2019 13:07

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 43 Resp: 3525

Ion	Ratio	Lower	Upper
43	100		
72	24.3	20.1	30.1

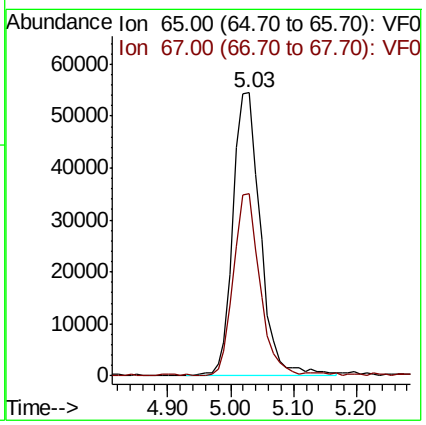


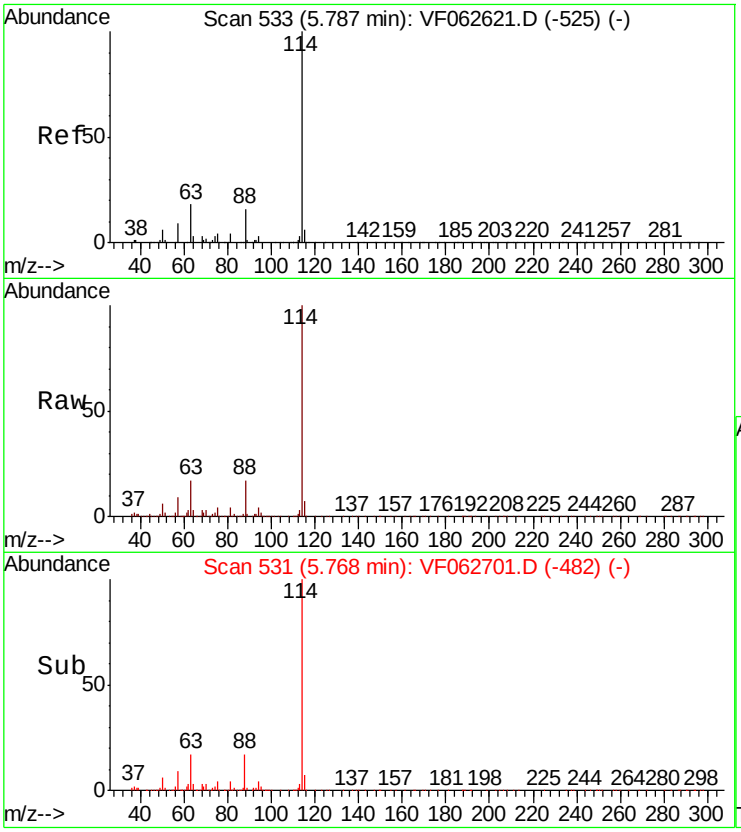


#33
1,2-Dichloroethane-d4
Concen: 31.439 ug/l
RT: 5.03 min Scan# 456
Delta R.T. -0.01 min
Lab File: VF062701.D
Acq: 22 May 2019 13:07

Tgt Ion: 65 Resp: 164798

Ion	Ratio	Lower	Upper
65	100		
67	64.3	0.0	117.6



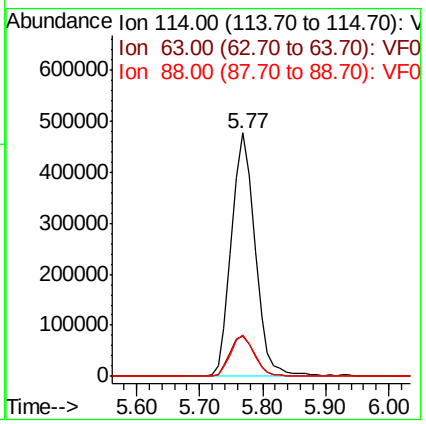


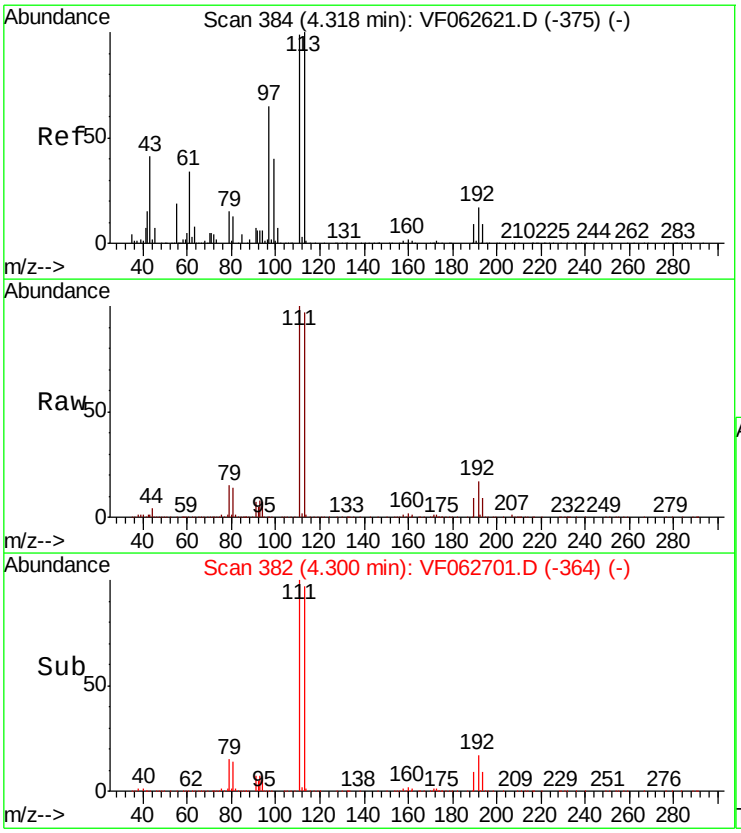
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.77 min Scan# 531
Delta R.T. -0.02 min
Lab File: VF062701.D
Acq: 22 May 2019 13:07

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion:114 Resp: 1241524

Ion	Ratio	Lower	Upper
114	100		
63	16.7	0.0	35.4
88	17.0	0.0	32.4

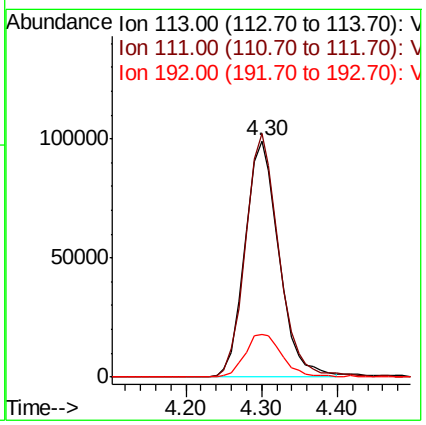


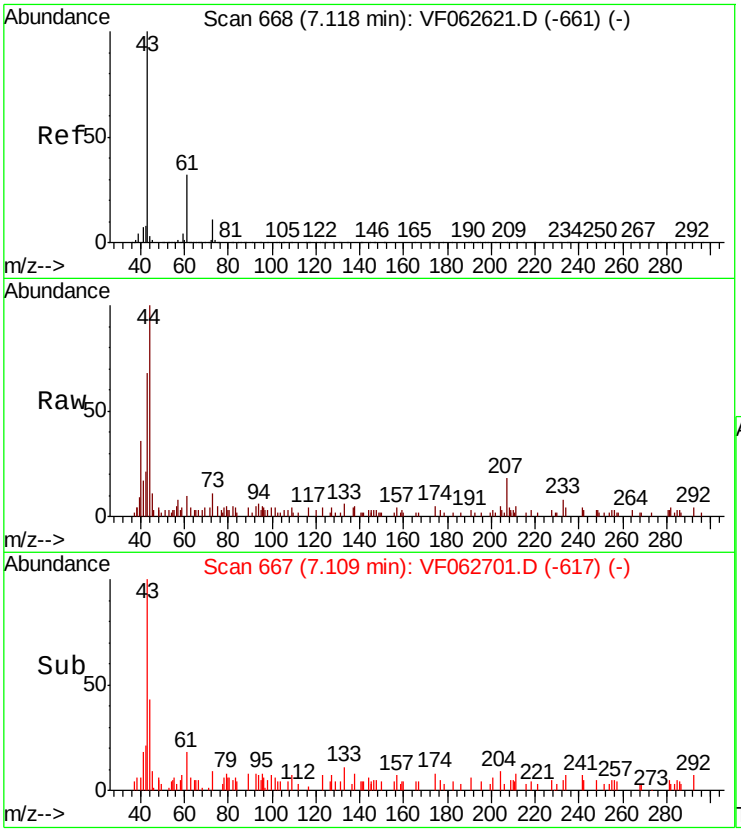


#35
Dibromofluoromethane
Concen: 32.562 ug/l
RT: 4.30 min Scan# 382
Delta R.T. -0.02 min
Lab File: VF062701.D
Acq: 22 May 2019 13:07

Tgt Ion:113 Resp: 309341

Ion	Ratio	Lower	Upper
113	100		
111	102.1	79.4	119.2
192	17.9	13.4	20.2



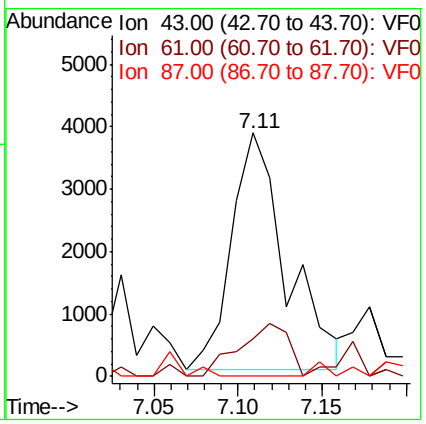


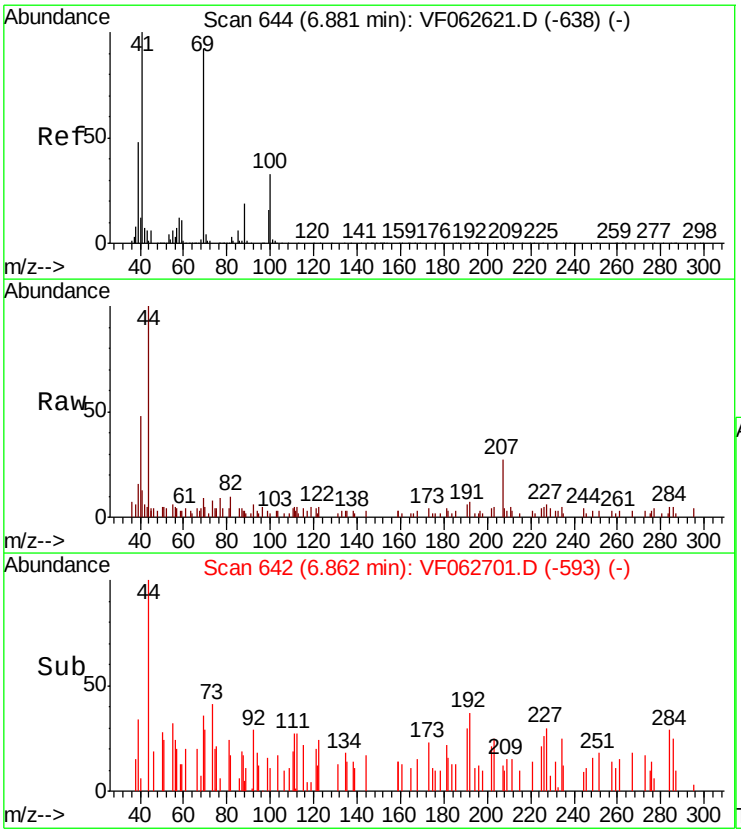
#43
Isopropyl Acetate
Concen: 1.269 ug/l
RT: 7.11 min Scan# 667
Delta R.T. -0.01 min
Lab File: VF062701.D
Acq: 22 May 2019 13:07

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 43 Resp: 8542

Ion	Ratio	Lower	Upper
43	100		
61	15.3	25.8	38.8#
87	0.0	0.4	0.6#

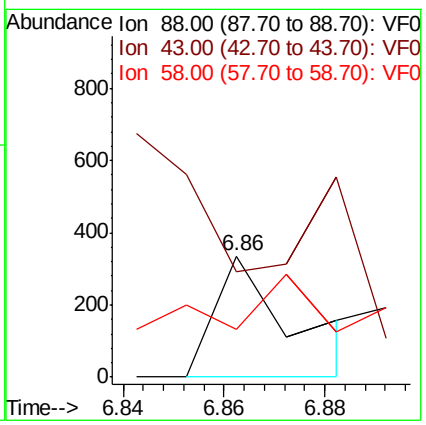


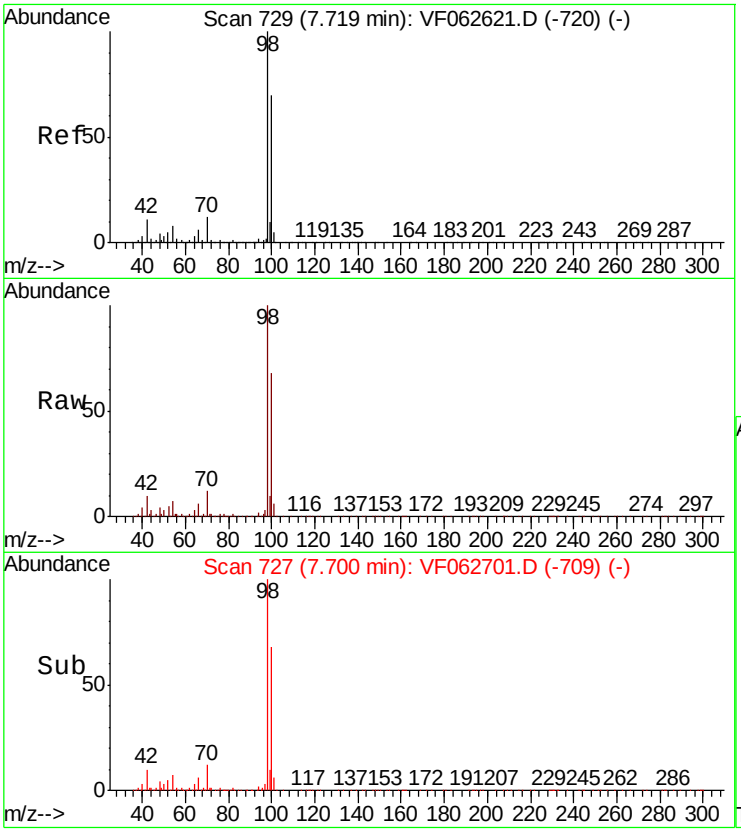


#49
1,4-Dioxane
Concen: 7.947 ug/l
RT: 6.86 min Scan# 642
Delta R.T. -0.02 min
Lab File: VF062701.D
Acq: 22 May 2019 13:07

Tgt Ion: 88 Resp: 358

Ion	Ratio	Lower	Upper
88	100		
43	86.9	30.0	45.0#
58	39.9	51.1	76.7#



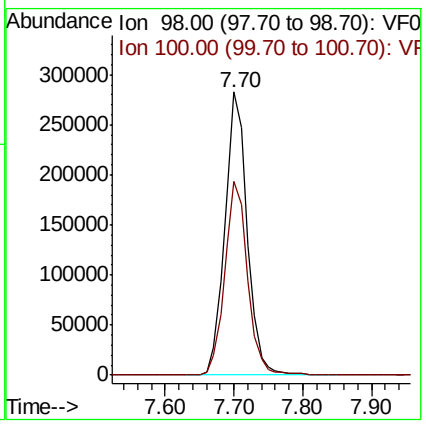


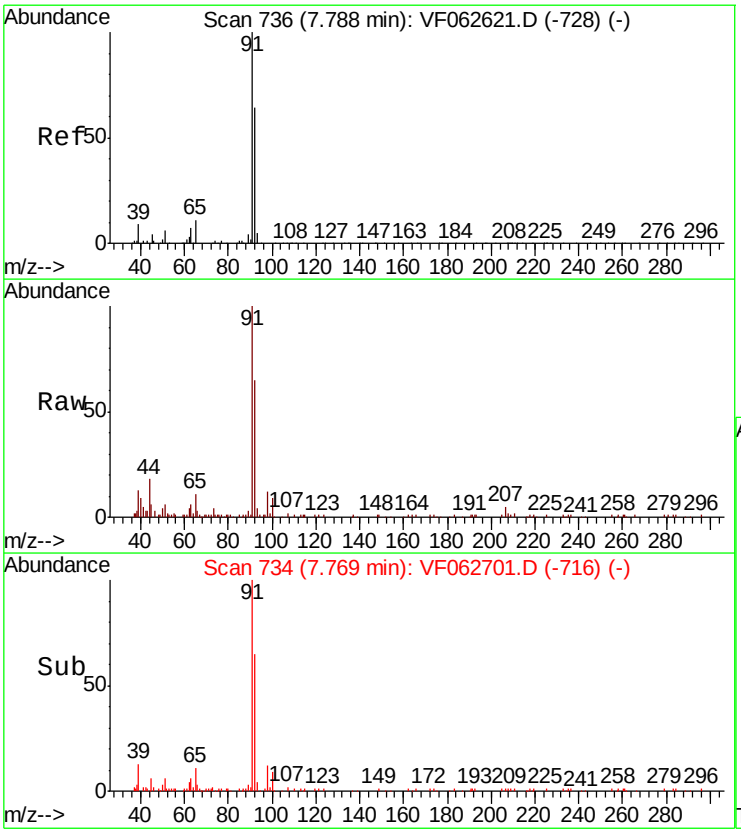
#50
Toluene-d8
Concen: 28.018 ug/l
RT: 7.70 min Scan# 727
Delta R.T. -0.02 min
Lab File: VF062701.D
Acq: 22 May 2019 13:07

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 98 Resp: 635532

Ion	Ratio	Lower	Upper
98	100		
100	68.4	56.2	84.2

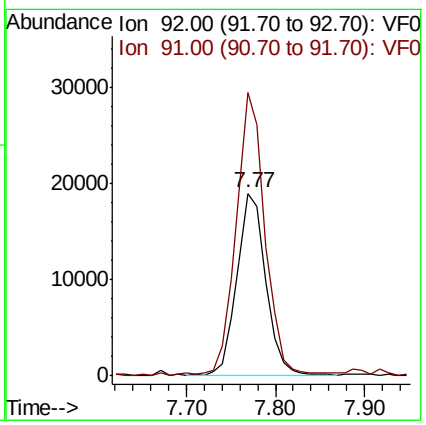


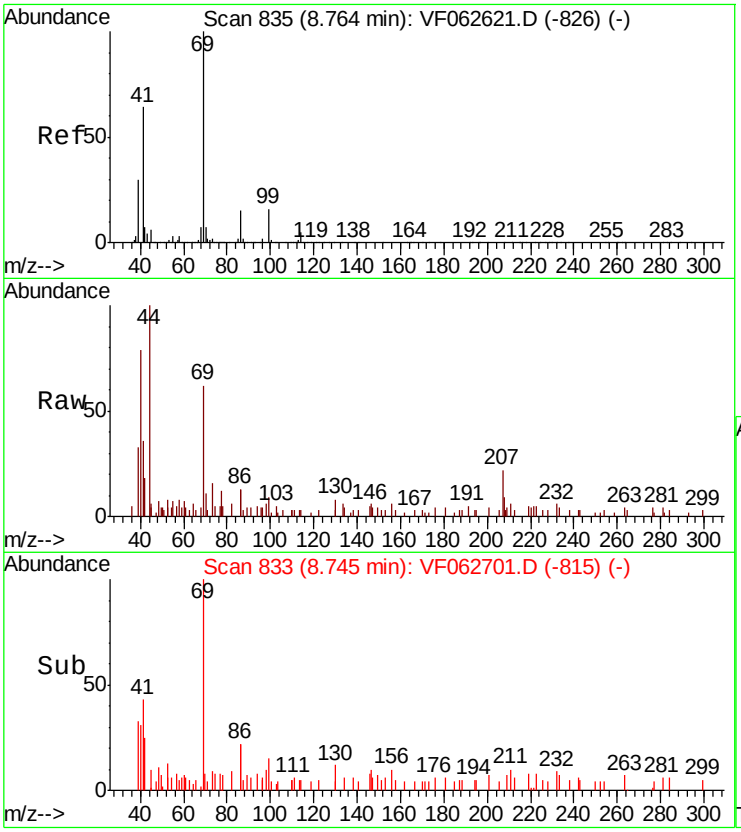


#52
Toluene
Concen: 2.376 ug/l
RT: 7.77 min Scan# 734
Delta R.T. -0.02 min
Lab File: VF062701.D
Acq: 22 May 2019 13:07

Tgt Ion: 92 Resp: 43194

Ion	Ratio	Lower	Upper
92	100		
91	154.9	125.4	188.0



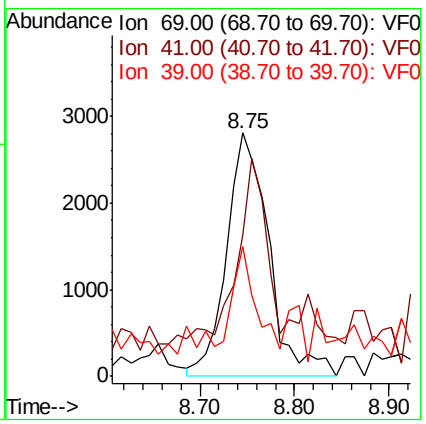


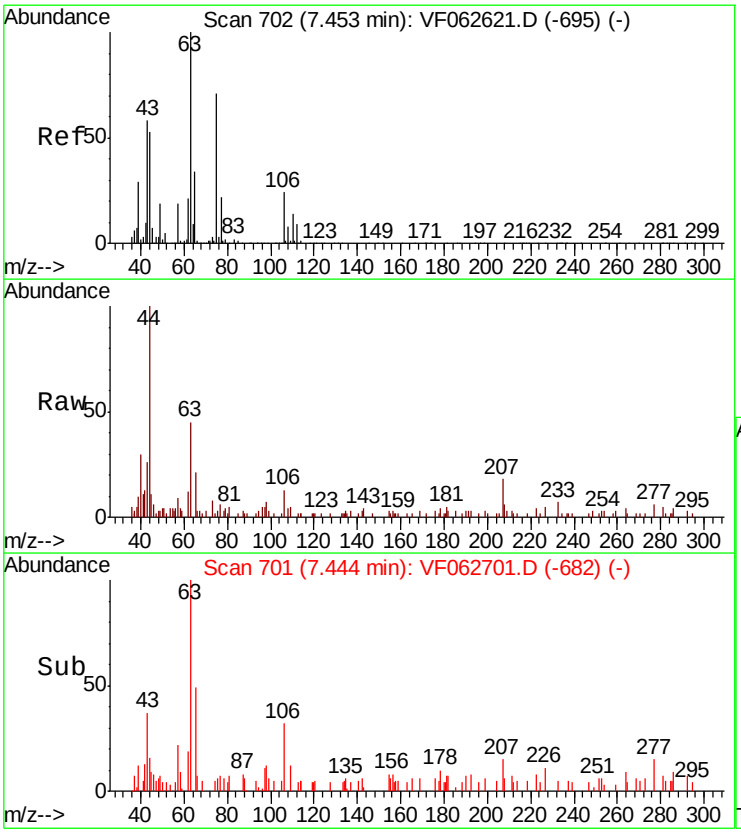
#56
Ethyl methacrylate
Concen: 1.359 ug/l
RT: 8.75 min Scan# 833
Delta R.T. -0.02 min
Lab File: VF062701.D
Acq: 22 May 2019 13:07

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 69 Resp: 8714

Ion	Ratio	Lower	Upper
69	100		
41	58.1	51.4	77.2
39	53.5	23.6	35.4#

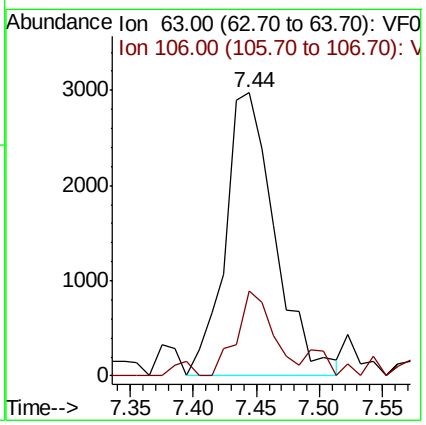


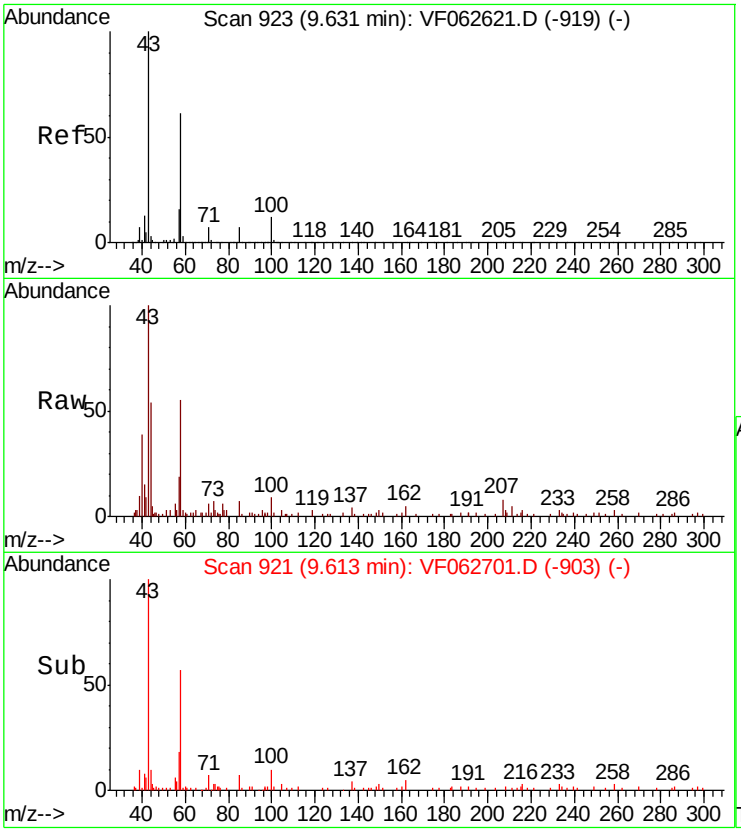


#58
2-Chloroethyl Vinyl ether
Concen: 3.891 ug/l
RT: 7.44 min Scan# 701
Delta R.T. -0.01 min
Lab File: VF062701.D
Acq: 22 May 2019 13:07

Tgt Ion: 63 Resp: 8121

Ion	Ratio	Lower	Upper
63	100		
106	30.2	19.1	28.7#



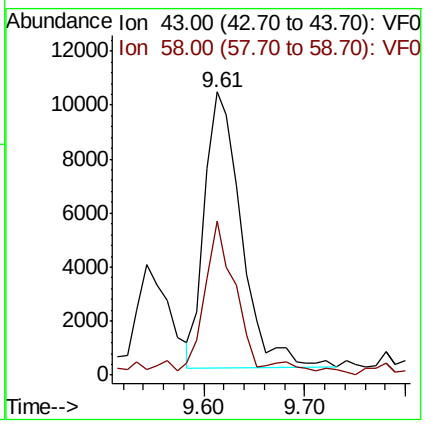


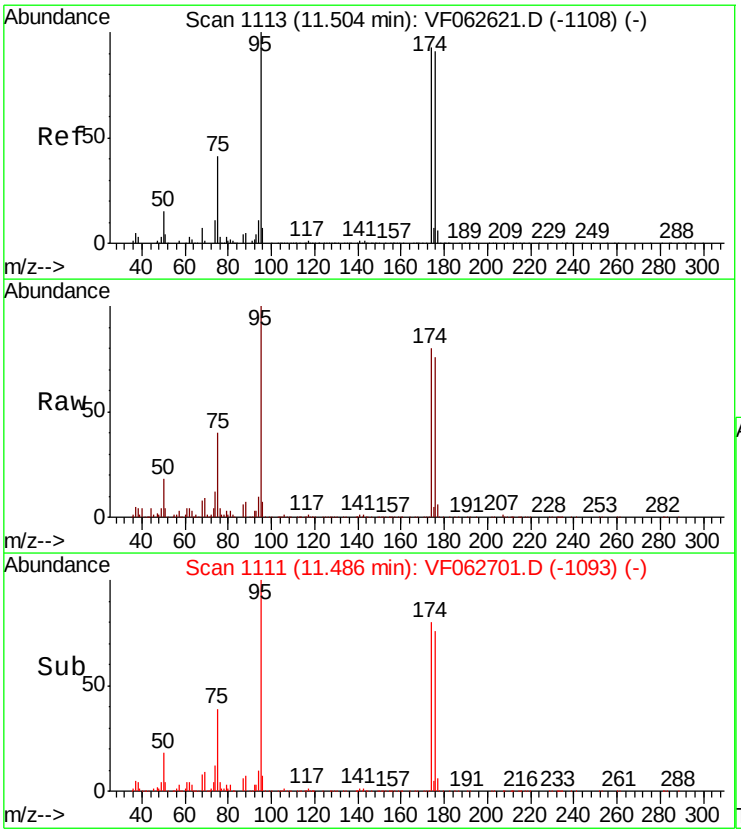
#59
2-Hexanone
Concen: Below Cal
RT: 9.61 min Scan# 921
Delta R.T. -0.02 min
Lab File: VF062701.D
Acq: 22 May 2019 13:07

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 43 Resp: 25871

Ion	Ratio	Lower	Upper
43	100		
58	54.6	28.1	84.4

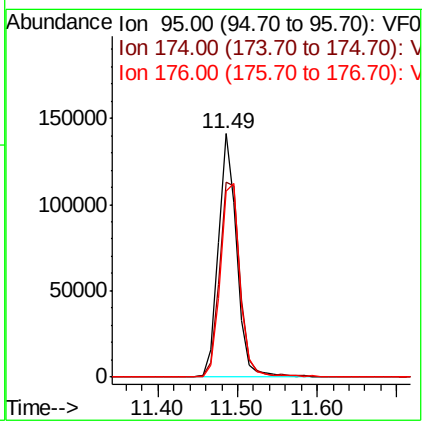


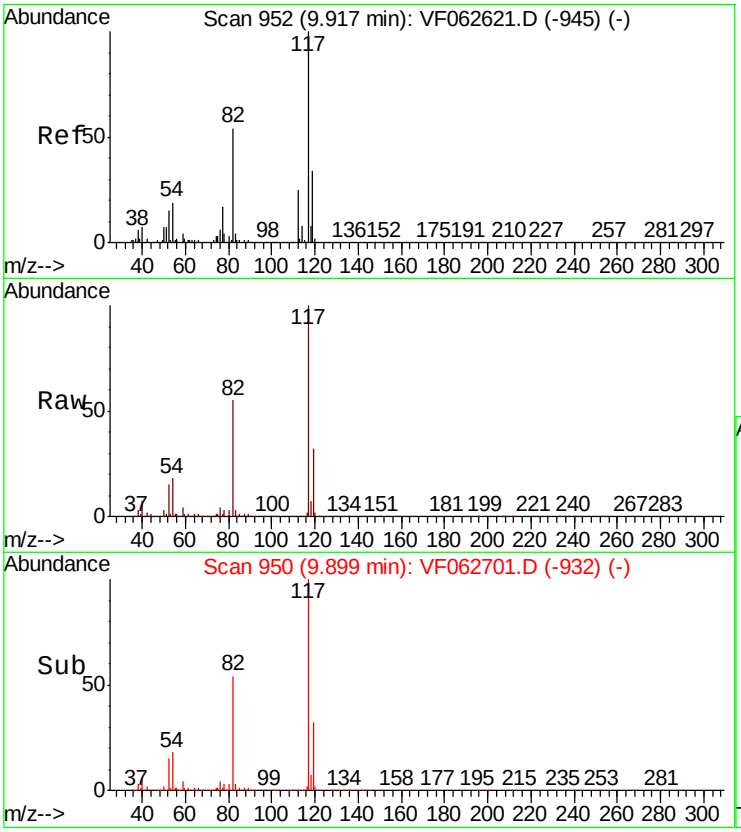


#62
4-Bromofluorobenzene
Concen: 26.763 ug/l
RT: 11.49 min Scan# 1111
Delta R.T. -0.02 min
Lab File: VF062701.D
Acq: 22 May 2019 13:07

Tgt Ion: 95 Resp: 230237

Ion	Ratio	Lower	Upper
95	100		
174	80.2	0.0	185.6
176	76.3	0.0	182.4



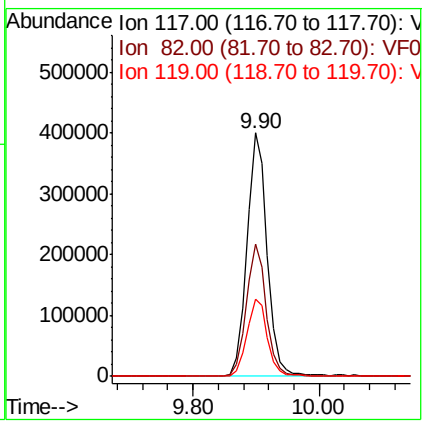


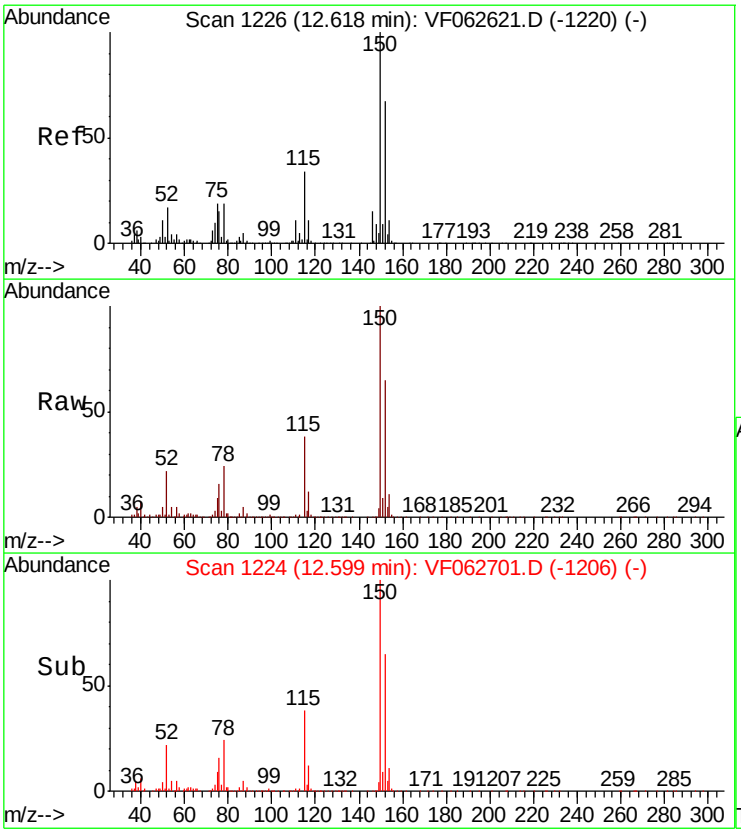
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.90 min Scan# 950
Delta R.T. -0.02 min
Lab File: VF062701.D
Acq: 22 May 2019 13:07

Instrument : MSVOA_F
ClientSampleId :

Tgt Ion:117 Resp: 891193

Ion	Ratio	Lower	Upper
117	100		
82	54.5	43.3	64.9
119	31.7	27.4	41.0

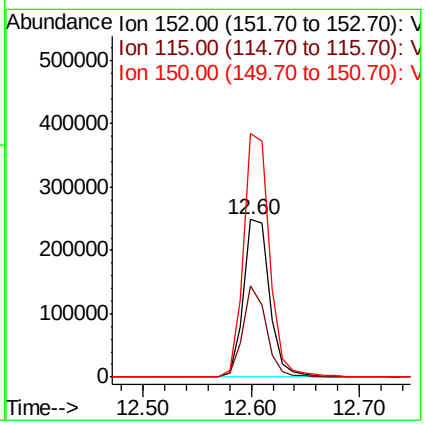


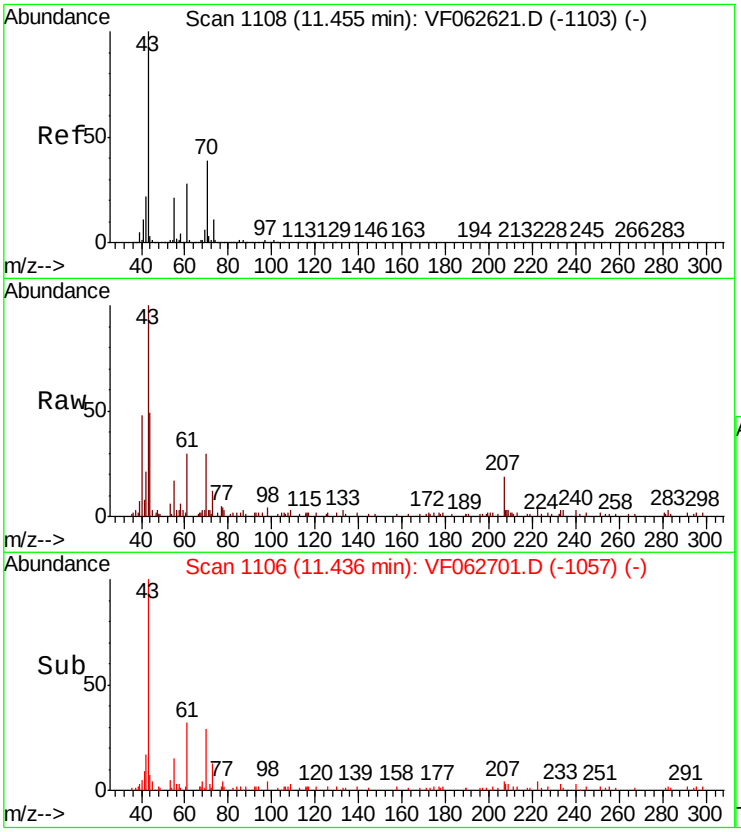


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.60 min Scan# 1224
Delta R.T. -0.02 min
Lab File: VF062701.D
Acq: 22 May 2019 13:07

Tgt Ion:152 Resp: 417115

Ion	Ratio	Lower	Upper
152	100		
115	58.1	25.2	75.6
150	154.3	0.0	306.2



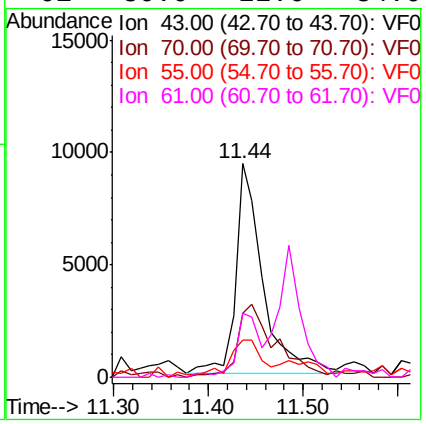


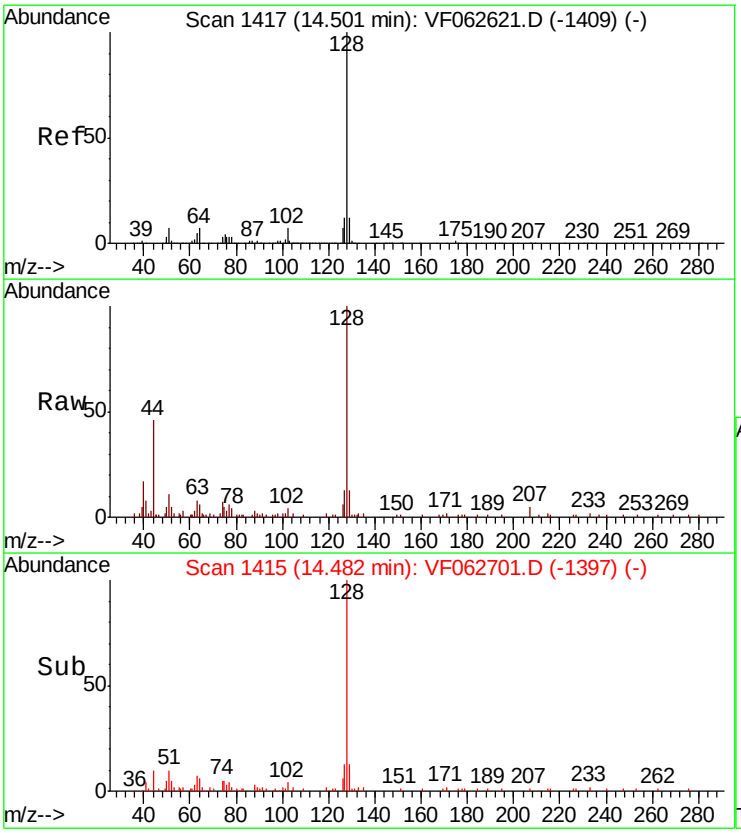
#74
N-amyl acetate
Concen: Below Cal
RT: 11.44 min Scan# 1106
Delta R.T. -0.02 min
Lab File: VF062701.D
Acq: 22 May 2019 13:07

Instrument : MSVOA_F
ClientSampleId :

Tgt Ion: 43 Resp: 18572

Ion	Ratio	Lower	Upper
43	100		
70	29.7	30.9	46.3#
55	17.5	17.0	25.4
61	30.0	22.6	34.0





#95
Naphthalene
Concen: 1.302 ug/l
RT: 14.48 min Scan# 1415
Delta R.T. -0.02 min
Lab File: VF062701.D
Acq: 22 May 2019 13:07

Tgt Ion:128 Resp: 20287

Ion	Ratio	Lower	Upper
128	100		
127	12.8	9.7	14.5
129	13.4	9.3	13.9