Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF031819\
Data File : VF062000.D
Acq On : 18 Mar 2019 16:32
Operator : VA/AP
Sample : K1951-02
Misc : 5.82g/5mL/MSVOA-F/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId :

Quant Time: Mar 19 01:23:10 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	4.85	168	151470	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	5.58	114	239062	50.00	ug/l	-0.02
63) Chlorobenzene-d5	9.76	117	149514	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.54	152	47900	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.83	65	61729	56.61	ug/l	0.00
Spiked Amount 50.000			Recovery = 113.22%			
35) Dibromofluoromethane	4.10	113	84352	52.54	ug/l	0.00
Spiked Amount 50.000			Recovery = 105.08%			
50) Toluene-d8	7.53	98	197874	42.16	ug/l	-0.02
Spiked Amount 50.000			Recovery = 84.32%			
62) 4-Bromofluorobenzene	11.40	95	60993	32.72	ug/l	0.00
Spiked Amount 50.000			Recovery = 65.44%			
Target Compounds						Qvalue
11) Tert butyl alcohol	2.58	59	395	5.920	ug/l #	71
13) Acrolein	2.11	56	266	3.693	ug/l	90
15) Acrylonitrile	2.94	53	389	1.917	ug/l #	27
16) Acetone	2.23	43	18588	75.919	ug/l	96
20) Methylene Chloride	2.22	84	2481	1.968	ug/l	87
25) 2-Butanone	4.32	43	2052	4.232	ug/l #	51
49) 1,4-Dioxane	6.69	88	64	9.707	ug/l #	15
51) 4-Methyl-2-Pentanone	8.24	43	2208	2.711	ug/l #	67
56) Ethyl methacrylate	8.60	69	2147	1.936	ug/l	93
59) 2-Hexanone	9.50	43	812	1.378	ug/l	68
69) o-Xylene	10.70	106	2514	1.311	ug/l	91
74) N-amyl acetate	11.38	43	815	1.075	ug/l #	15
80) 1,3,5-Trimethylbenzene	11.81	105	9382	3.510	ug/l	88
86) p-Isopropyltoluene	12.44	119	6852	2.174	ug/l	92
92) 1,2-Dibromo-3-Chloropropan	13.69	75	124	1.415	ug/l #	1
95) Naphthalene	14.45	128	4150	2.375	ug/l #	85

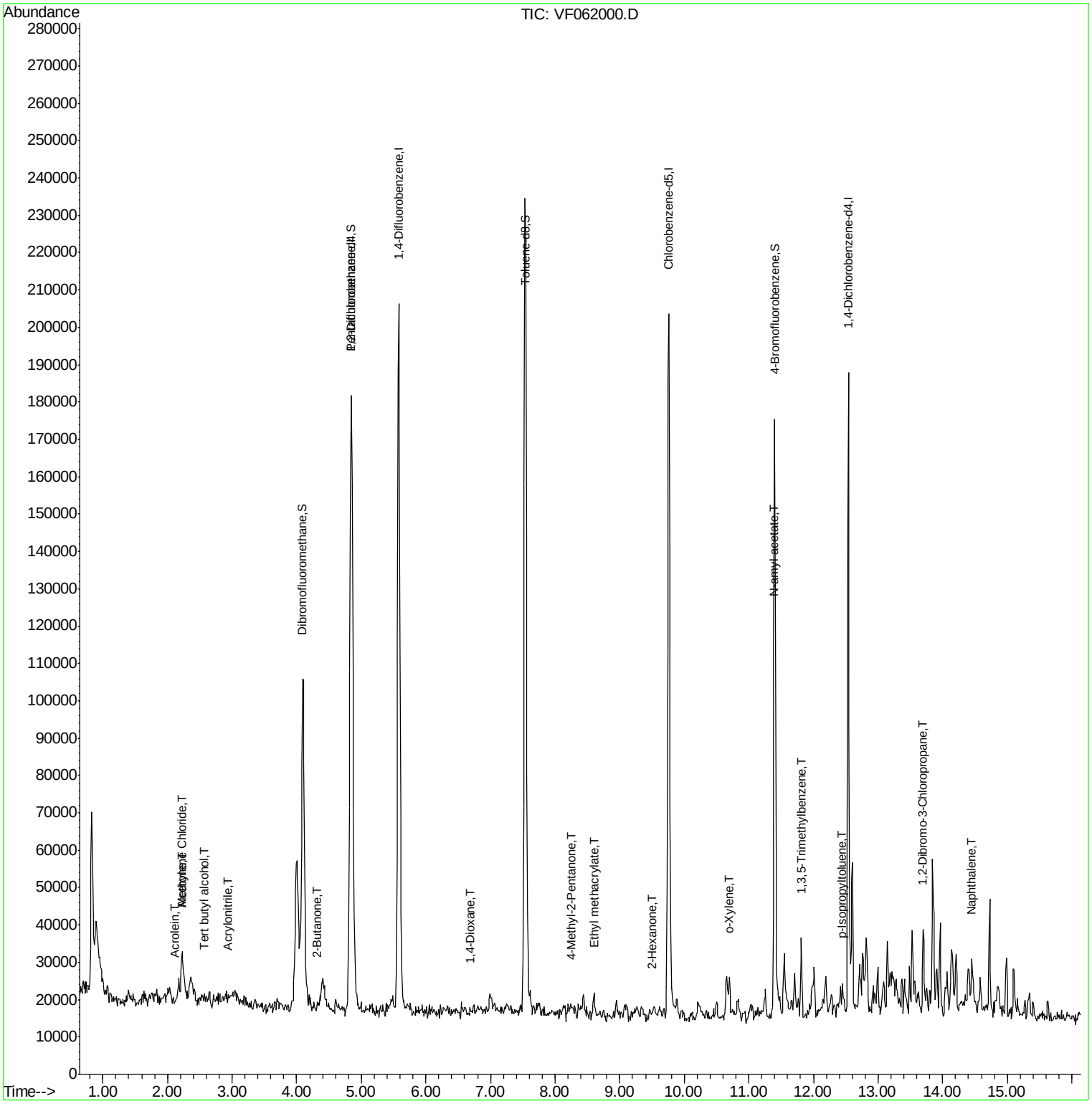
(#) = qualifier out of range (m) = manual integration (+) = signals summed

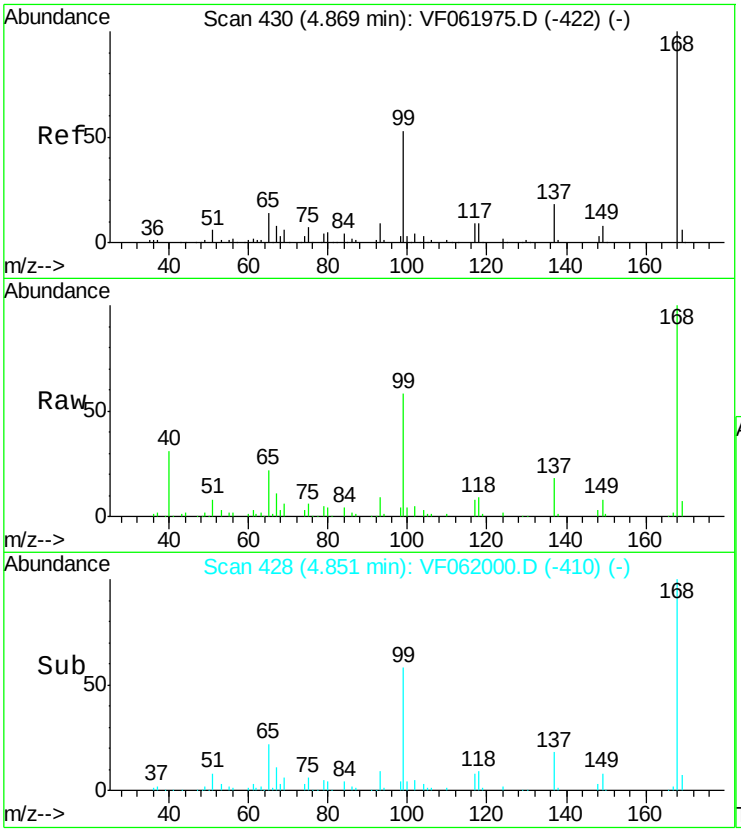
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF031819\
Data File : VF062000.D
Acq On : 18 Mar 2019 16:32
Operator : VA/AP
Sample : K1951-02
Misc : 5.82g/5mL/MSVOA-F/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :

Quant Time: Mar 19 01:23:10 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



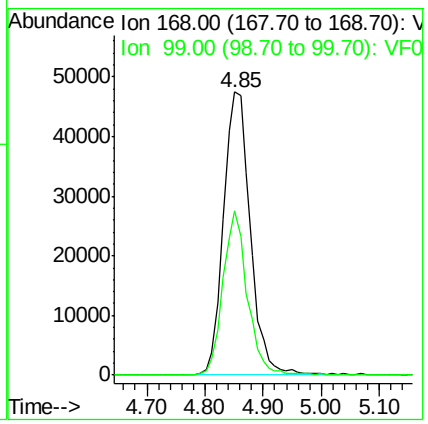


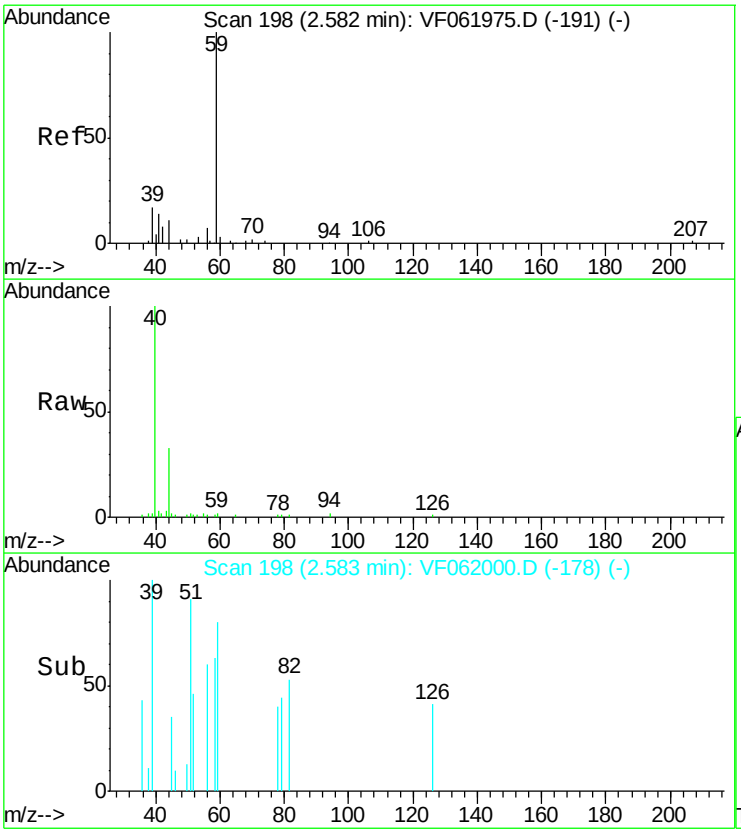
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 4.85 min Scan# 428
Delta R.T. -0.02 min
Lab File: VF062000.D
Acq: 18 Mar 2019 16:32

Instrument : MSVOA_F
ClientSampleId :

Tgt Ion:168 Resp: 151470

Ion	Ratio	Lower	Upper
168	100		
99	58.0	42.4	63.6

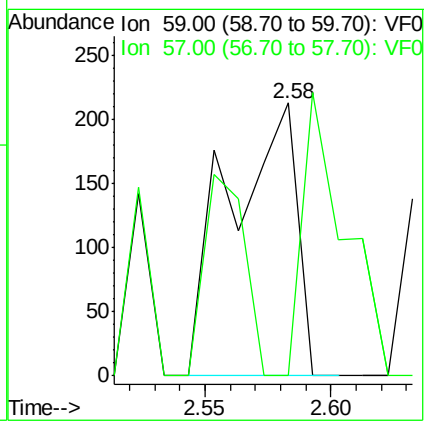


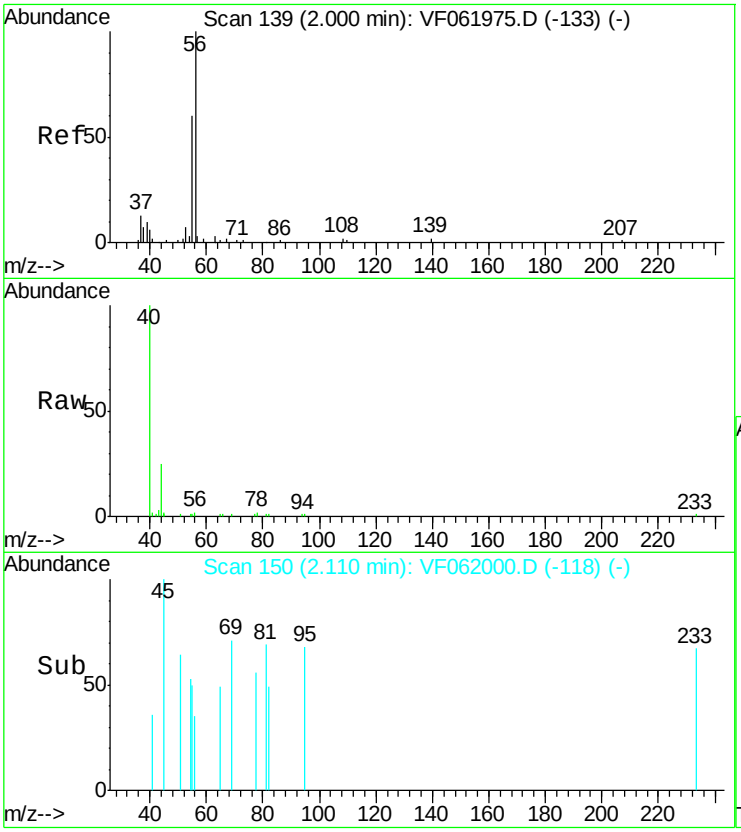


#11
Tert butyl alcohol
Concen: 5.920 ug/l
RT: 2.58 min Scan# 198
Delta R.T. 0.00 min
Lab File: VF062000.D
Acq: 18 Mar 2019 16:32

Tgt Ion: 59 Resp: 395

Ion	Ratio	Lower	Upper
59	100		
57	0.0	8.7	13.1#



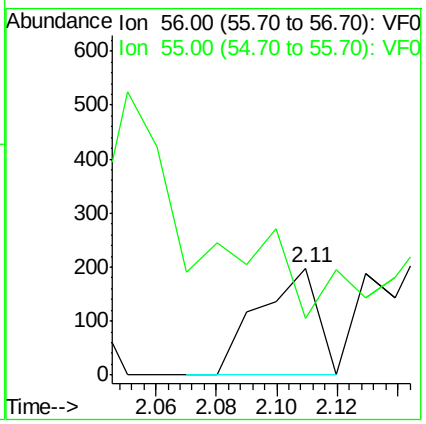


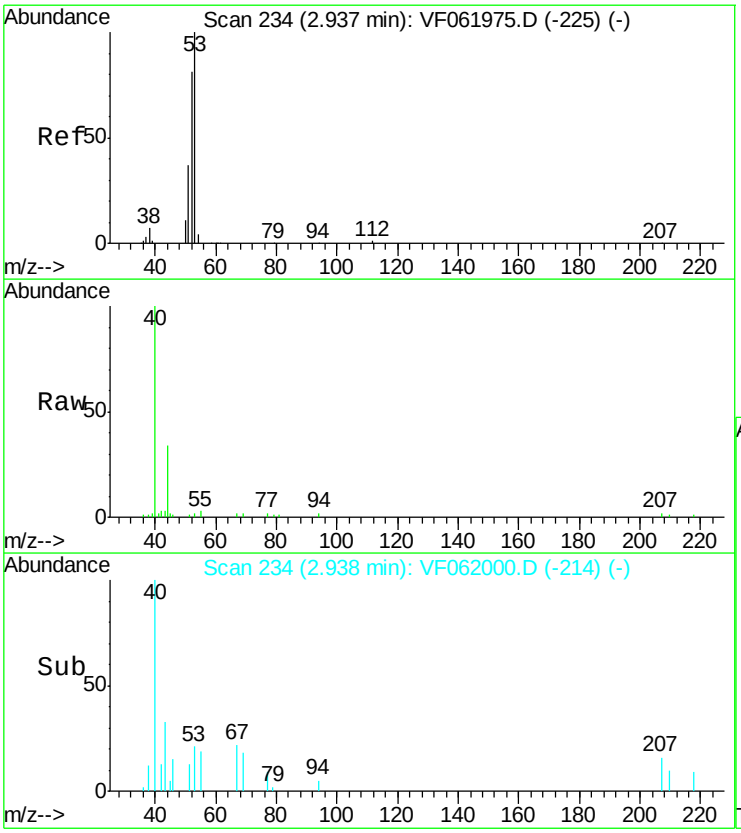
#13
Acrolein
Concen: 3.693 ug/l
RT: 2.11 min Scan# 150
Delta R.T. 0.11 min
Lab File: VF062000.D
Acq: 18 Mar 2019 16:32

Instrument : MSVOA_F
ClientSampleId :

Tgt Ion: 56 Resp: 266

Ion	Ratio	Lower	Upper
56	100		
55	53.5	49.1	73.7

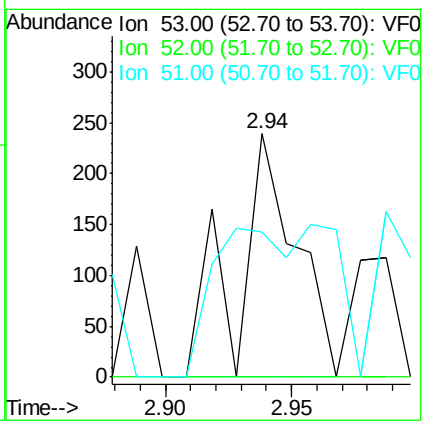


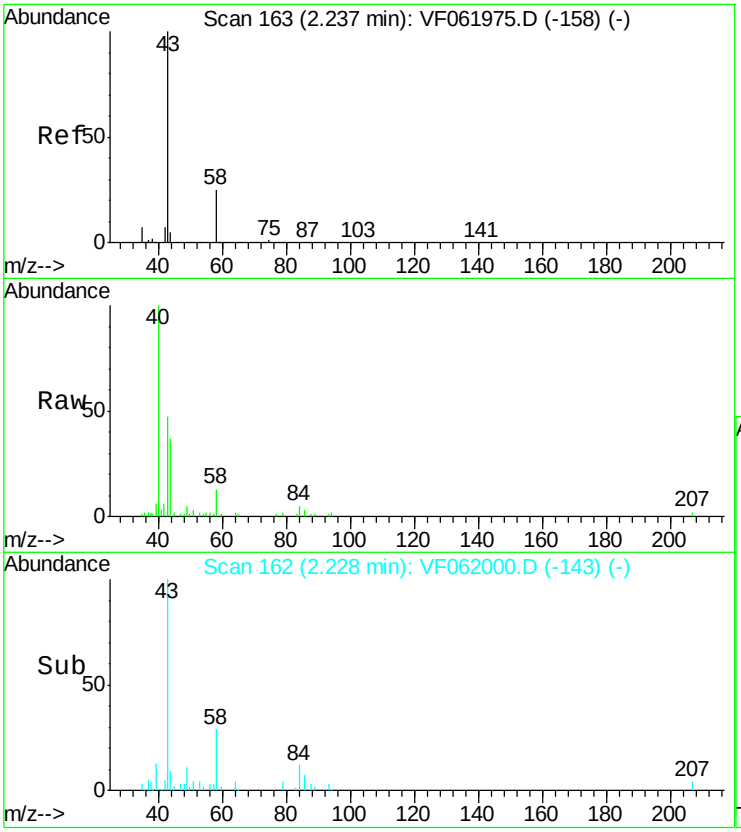


#15
Acrylonitrile
Concen: 1.917 ug/l
RT: 2.94 min Scan# 234
Delta R.T. 0.00 min
Lab File: VF062000.D
Acq: 18 Mar 2019 16:32

Tgt Ion: 53 Resp: 389

Ion	Ratio	Lower	Upper
53	100		
52	0.0	64.4	96.6#
51	59.8	30.3	45.5#



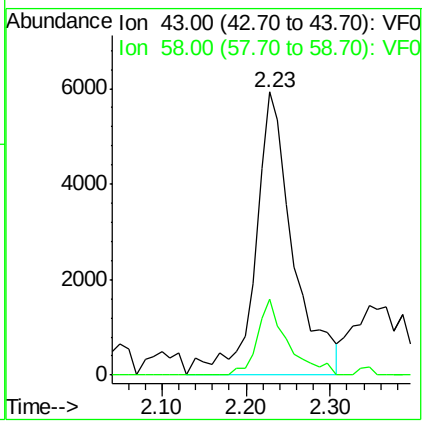


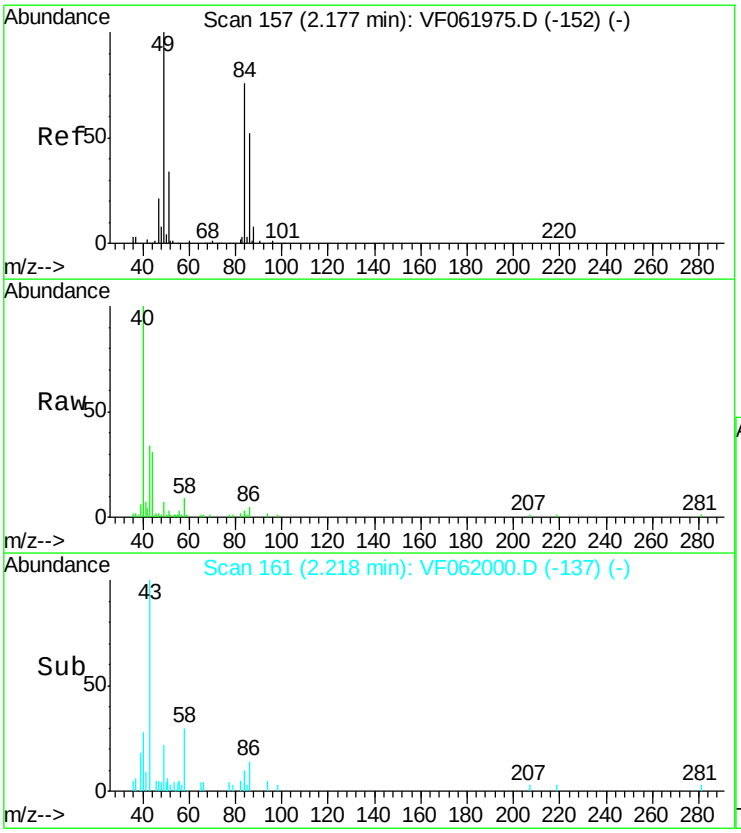
#16
Acetone
Concen: 75.919 ug/l
RT: 2.23 min Scan# 162
Delta R.T. -0.01 min
Lab File: VF062000.D
Acq: 18 Mar 2019 16:32

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 43 Resp: 18588

Ion	Ratio	Lower	Upper
43	100		
58	26.7	19.9	29.9

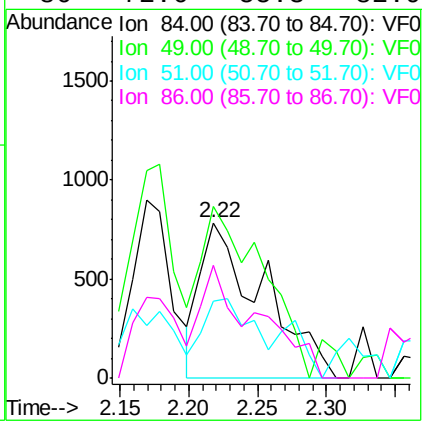


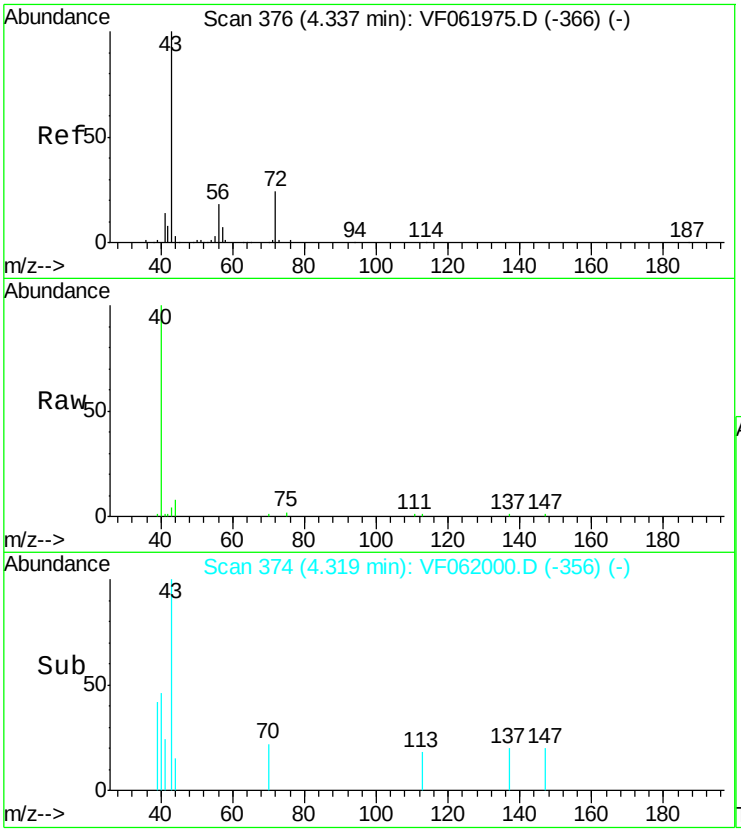


#20
Methylene Chloride
Concen: 1.968 ug/l
RT: 2.22 min Scan# 161
Delta R.T. 0.04 min
Lab File: VF062000.D
Acq: 18 Mar 2019 16:32

Tgt Ion: 84 Resp: 2481

Ion	Ratio	Lower	Upper
84	100		
49	110.1	107.0	160.6
51	49.4	37.2	55.8
86	72.6	55.3	82.9



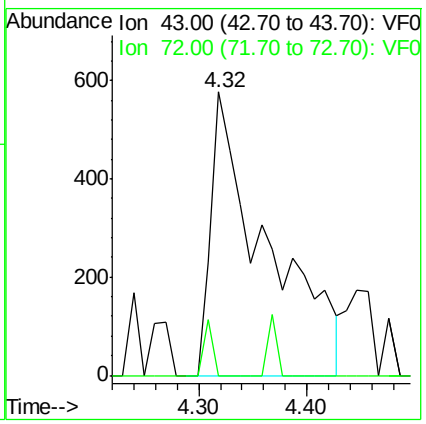


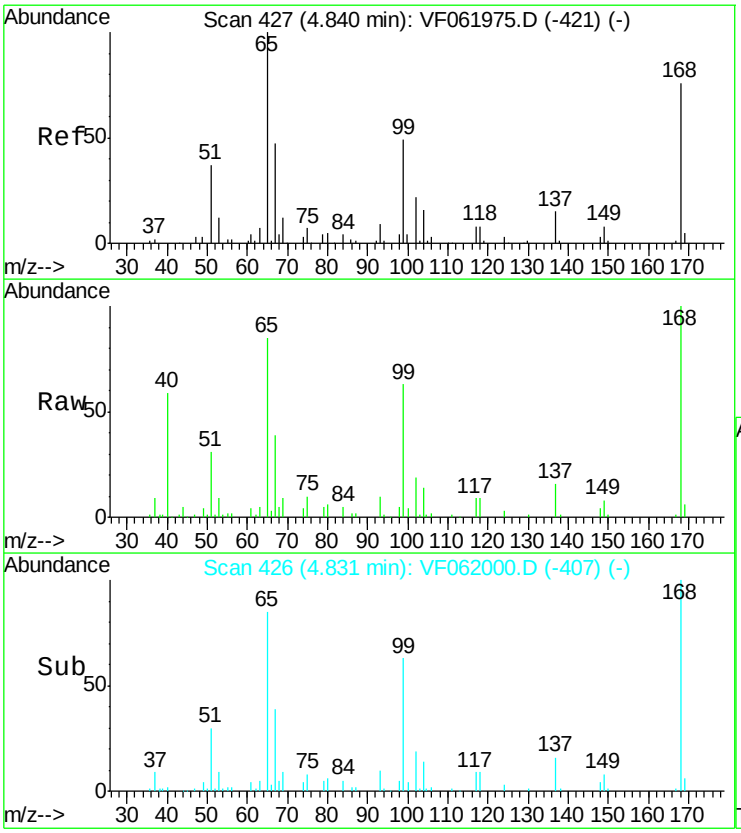
#25
2-Butanone
Concen: 4.232 ug/l
RT: 4.32 min Scan# 374
Delta R.T. -0.02 min
Lab File: VF062000.D
Acq: 18 Mar 2019 16:32

Instrument : MSVOA_F
ClientSampleId :

Tgt Ion: 43 Resp: 2052

Ion	Ratio	Lower	Upper
43	100		
72	0.0	19.8	29.6#

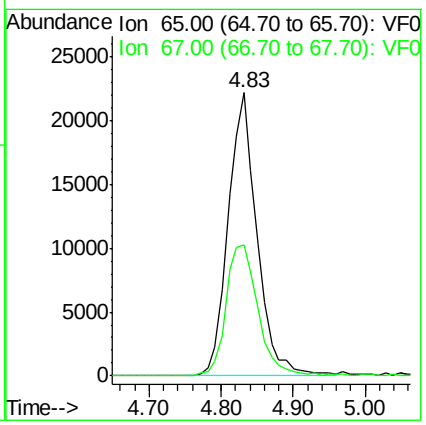


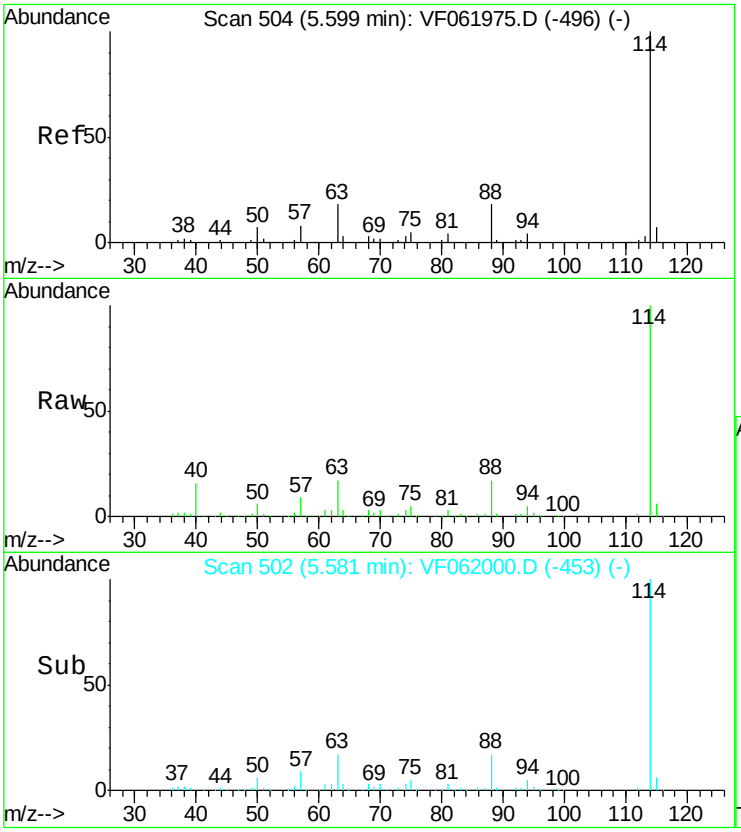


#33
1,2-Dichloroethane-d4
Concen: 56.614 ug/l
RT: 4.83 min Scan# 426
Delta R.T. -0.01 min
Lab File: VF062000.D
Acq: 18 Mar 2019 16:32

Tgt Ion: 65 Resp: 61729

Ion	Ratio	Lower	Upper
65	100		
67	46.3	0.0	109.4



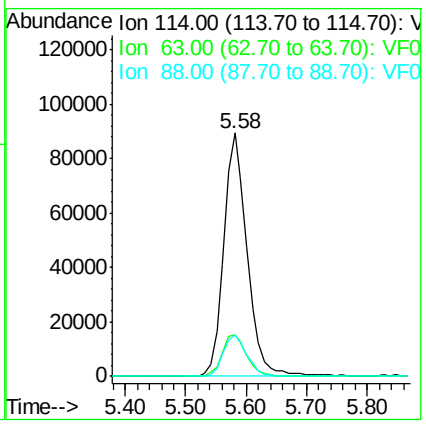


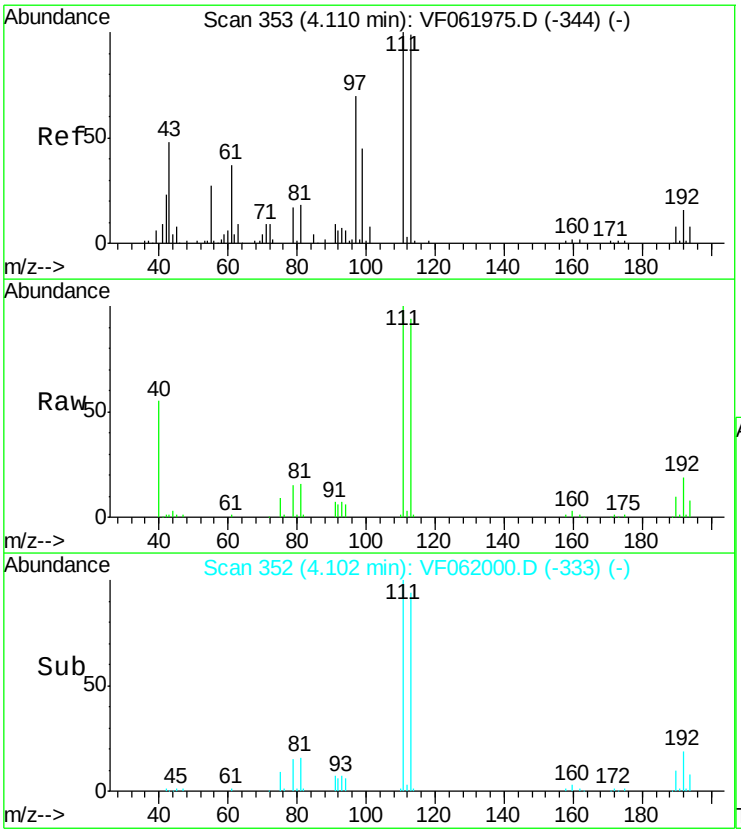
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.58 min Scan# 502
Delta R.T. -0.02 min
Lab File: VF062000.D
Acq: 18 Mar 2019 16:32

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion:114 Resp: 239062

Ion	Ratio	Lower	Upper
114	100		
63	16.9	0.0	36.4
88	17.0	0.0	36.4

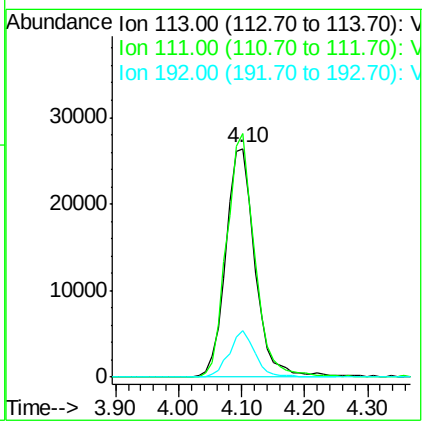


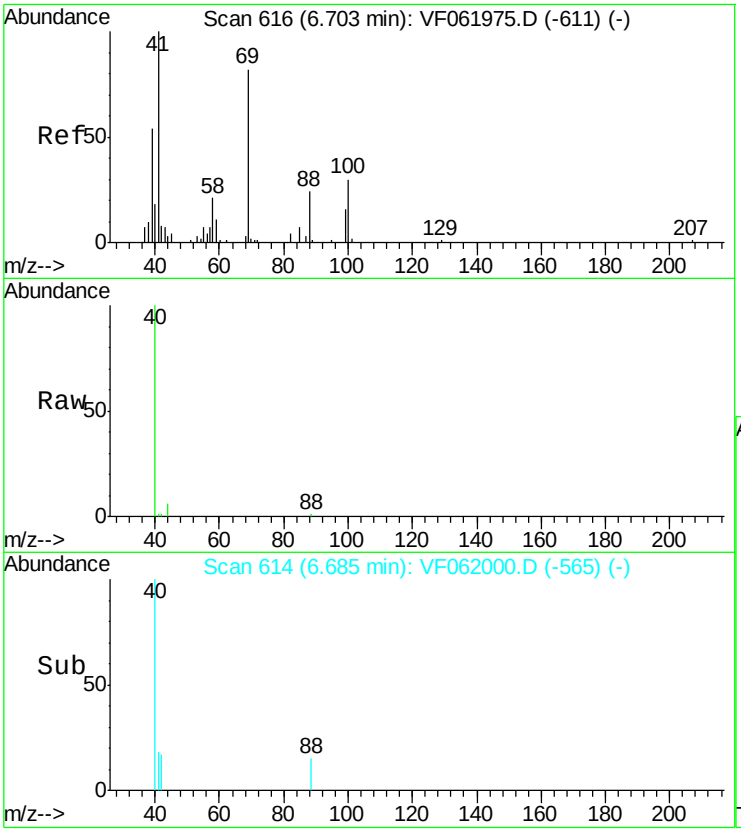


#35
Dibromofluoromethane
Concen: 52.544 ug/l
RT: 4.10 min Scan# 352
Delta R.T. -0.01 min
Lab File: VF062000.D
Acq: 18 Mar 2019 16:32

Tgt Ion:113 Resp: 84352

Ion	Ratio	Lower	Upper
113	100		
111	106.5	80.8	121.2
192	20.1	13.0	19.6#



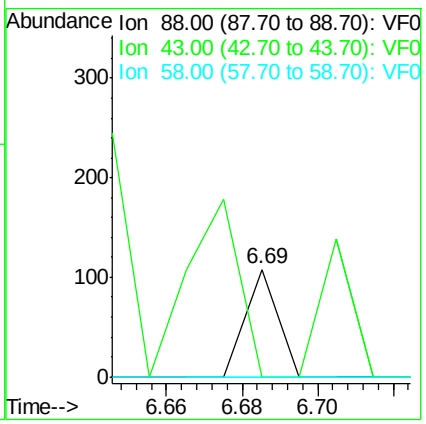


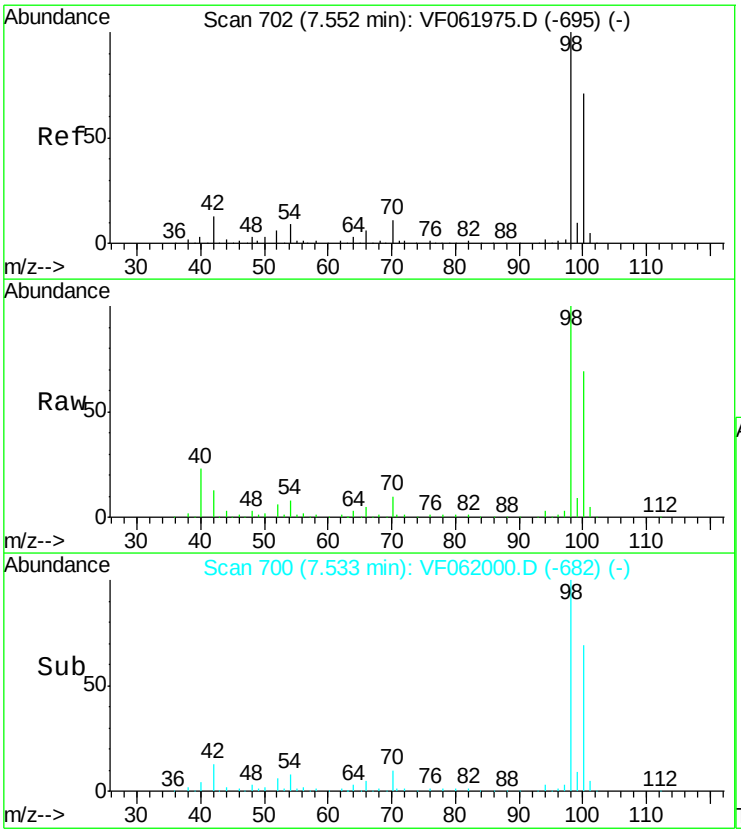
#49
1,4-Dioxane
Concen: 9.707 ug/l
RT: 6.69 min Scan# 614
Delta R.T. -0.02 min
Lab File: VF062000.D
Acq: 18 Mar 2019 16:32

Instrument : MSVOA_F
ClientSampleId :

Tgt Ion: 88 Resp: 64

Ion	Ratio	Lower	Upper
88	100		
43	0.0	31.2	46.8#
58	0.0	69.9	104.9#

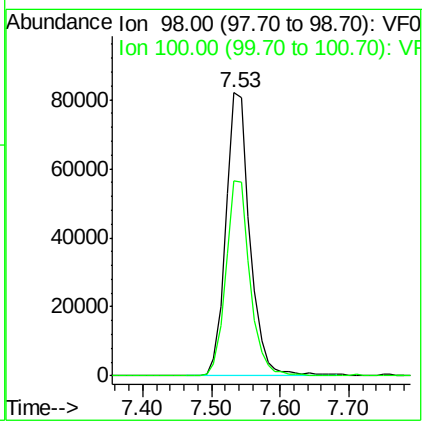


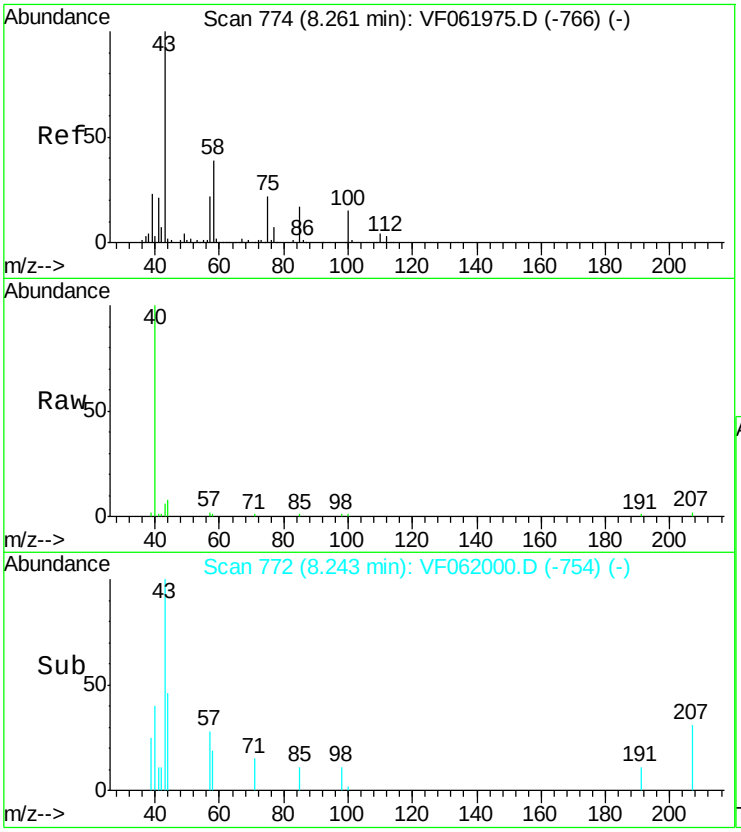


#50
Toluene-d8
Concen: 42.165 ug/l
RT: 7.53 min Scan# 700
Delta R.T. -0.02 min
Lab File: VF062000.D
Acq: 18 Mar 2019 16:32

Tgt Ion: 98 Resp: 197874

Ion	Ratio	Lower	Upper
98	100		
100	68.8	56.8	85.2



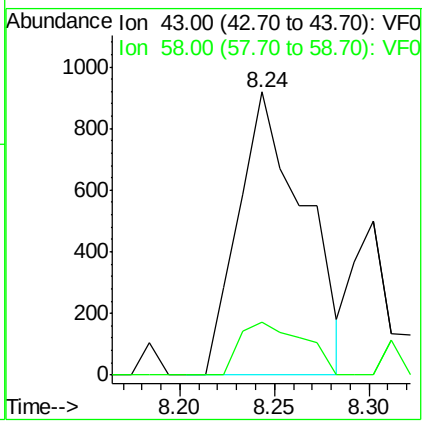


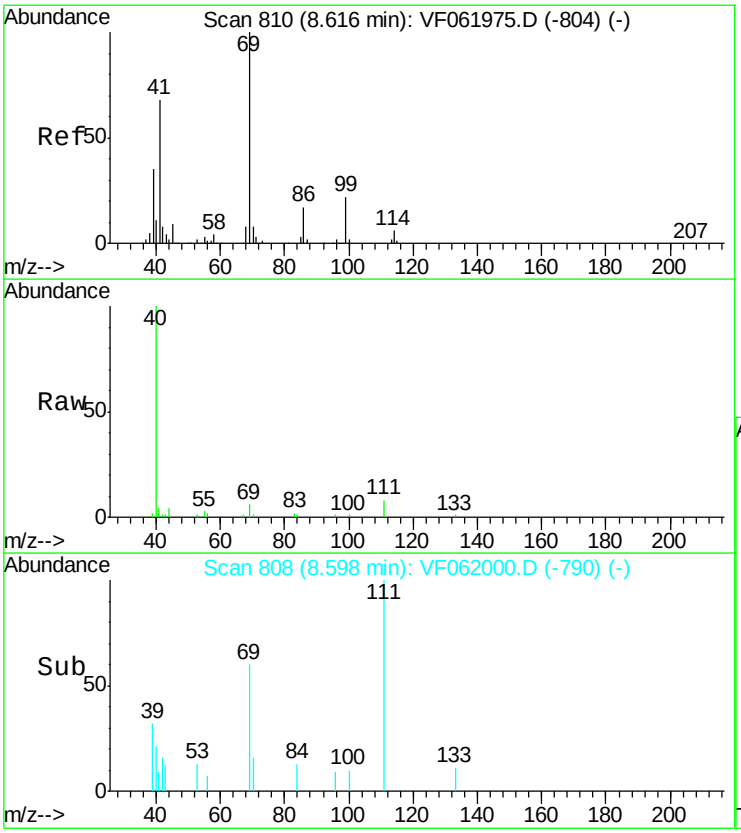
#51
4-Methyl-2-Pentanone
Concen: 2.711 ug/l
RT: 8.24 min Scan# 772
Delta R.T. -0.02 min
Lab File: VF062000.D
Acq: 18 Mar 2019 16:32

Instrument : MSVOA_F
ClientSampleId :

Tgt Ion: 43 Resp: 2208

Ion	Ratio	Lower	Upper
43	100		
58	18.5	31.1	46.7#

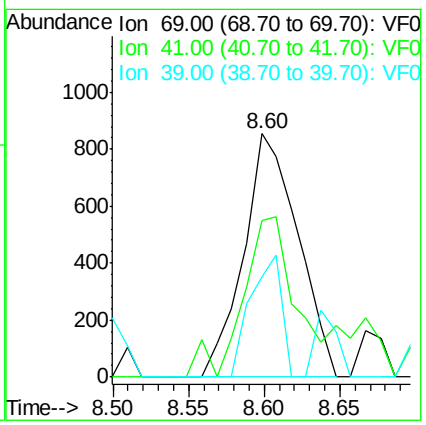


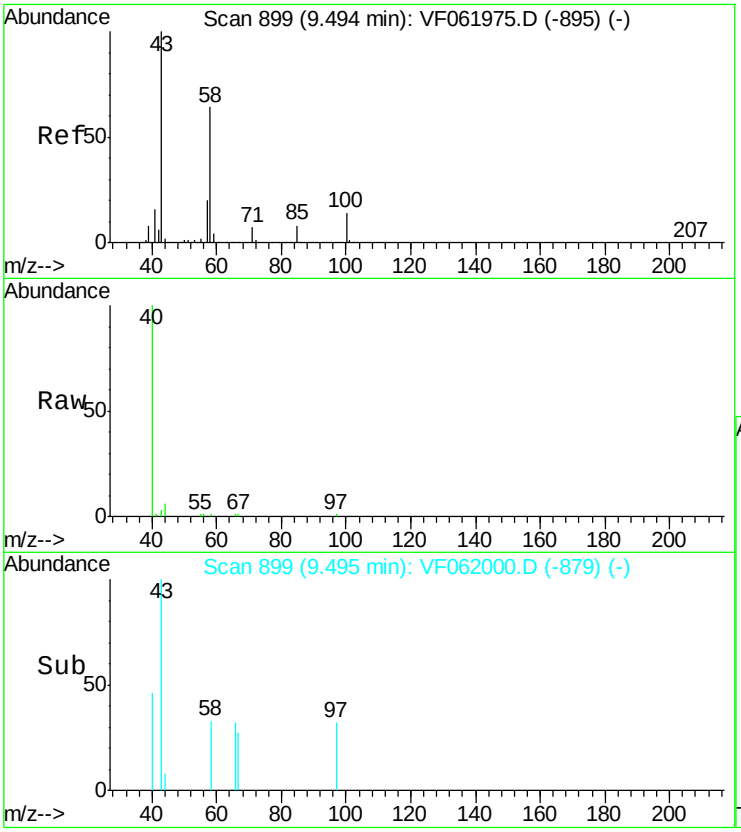


#56
Ethyl methacrylate
Concen: 1.936 ug/l
RT: 8.60 min Scan# 808
Delta R.T. -0.02 min
Lab File: VF062000.D
Acq: 18 Mar 2019 16:32

Tgt Ion: 69 Resp: 2147

Ion	Ratio	Lower	Upper
69	100		
41	64.1	54.7	82.1
39	41.1	27.9	41.9



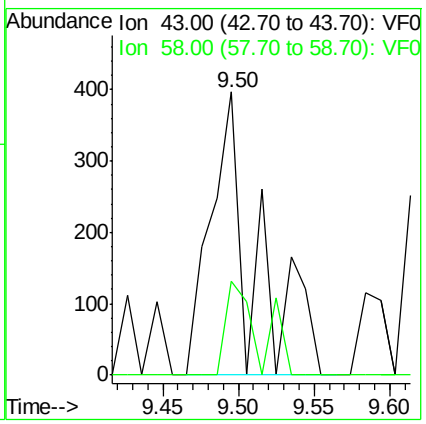


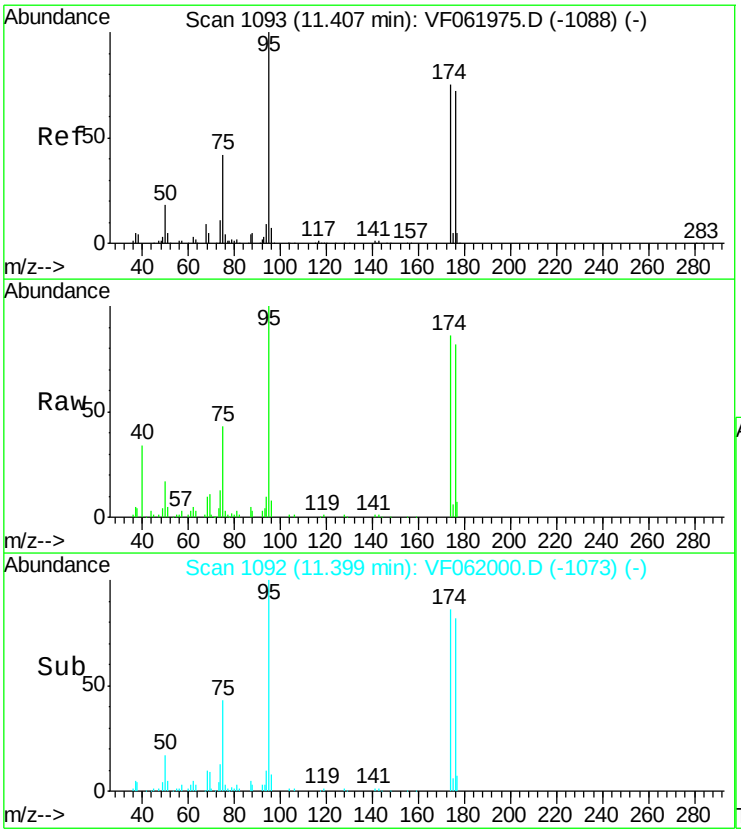
#59
2-Hexanone
Concen: 1.378 ug/l
RT: 9.50 min Scan# 899
Delta R.T. 0.00 min
Lab File: VF062000.D
Acq: 18 Mar 2019 16:32

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 43 Resp: 812

Ion	Ratio	Lower	Upper
43	100		
58	33.0	28.4	85.2

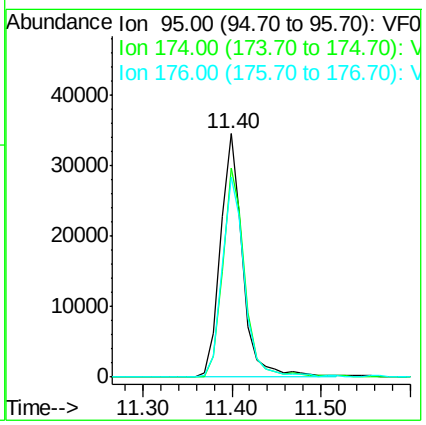


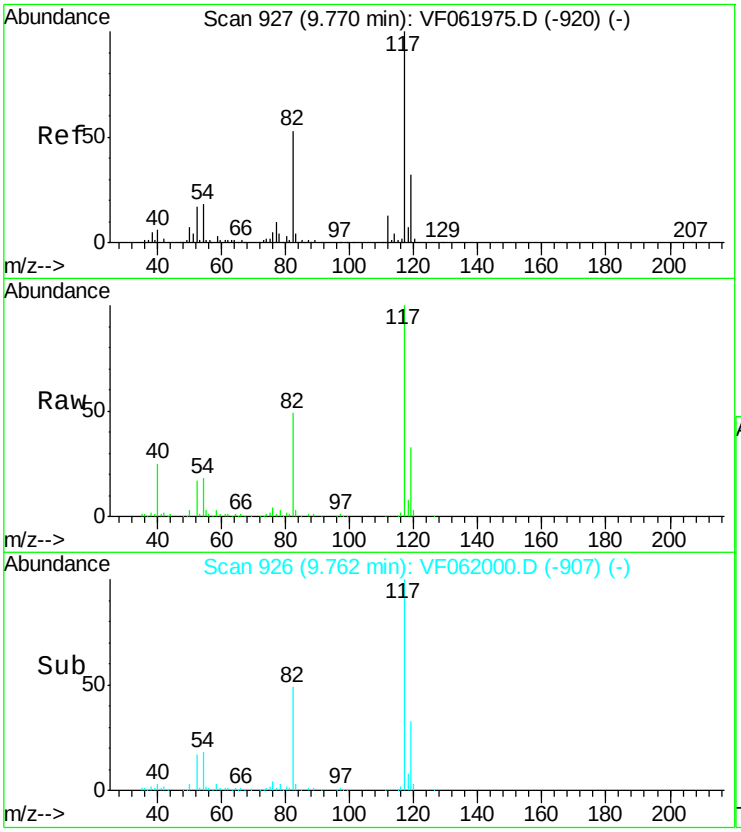


#62
4-Bromofluorobenzene
Concen: 32.716 ug/l
RT: 11.40 min Scan# 1092
Delta R.T. -0.01 min
Lab File: VF062000.D
Acq: 18 Mar 2019 16:32

Tgt Ion: 95 Resp: 60993

Ion	Ratio	Lower	Upper
95	100		
174	85.8	0.0	149.4
176	82.0	0.0	143.4



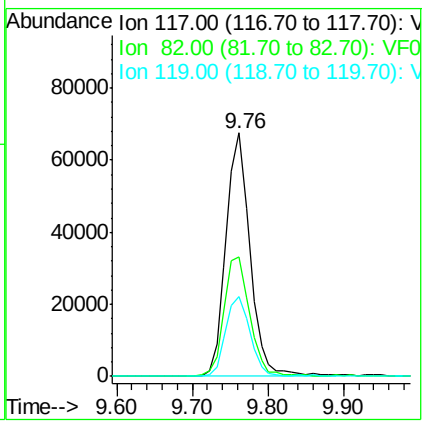


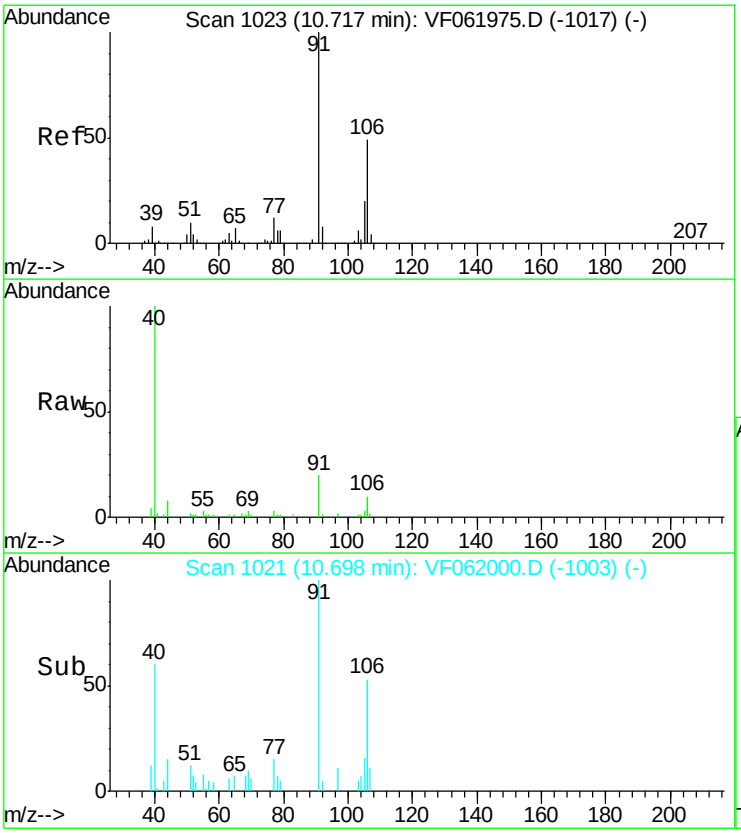
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.76 min Scan# 926
Delta R.T. -0.01 min
Lab File: VF062000.D
Acq: 18 Mar 2019 16:32

Instrument : MSVOA_F
ClientSampleId :

Tgt Ion:117 Resp: 149514

Ion	Ratio	Lower	Upper
117	100		
82	48.9	42.5	63.7
119	32.7	25.4	38.0

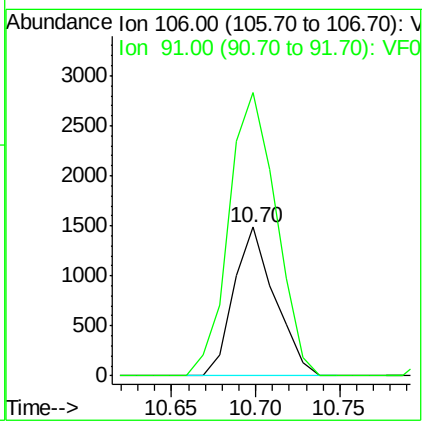


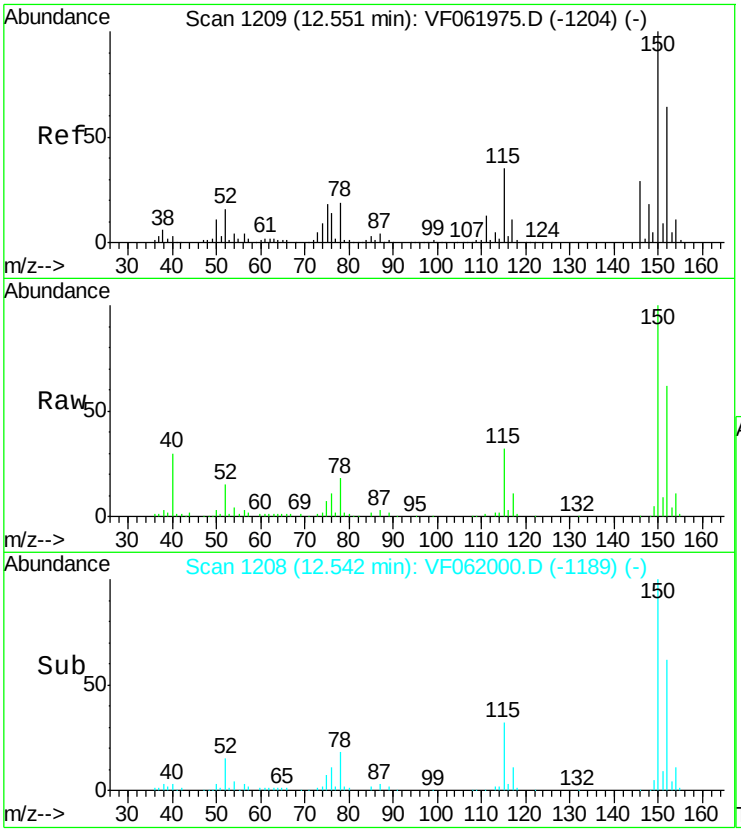


#69
o-Xylene
Concen: 1.311 ug/l
RT: 10.70 min Scan# 1021
Delta R.T. -0.02 min
Lab File: VF062000.D
Acq: 18 Mar 2019 16:32

Tgt Ion:106 Resp: 2514

Ion	Ratio	Lower	Upper
106	100		
91	190.2	102.3	306.8



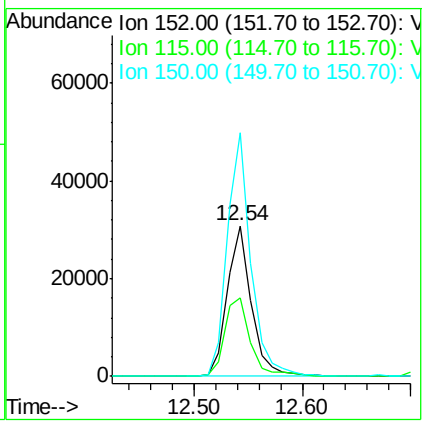


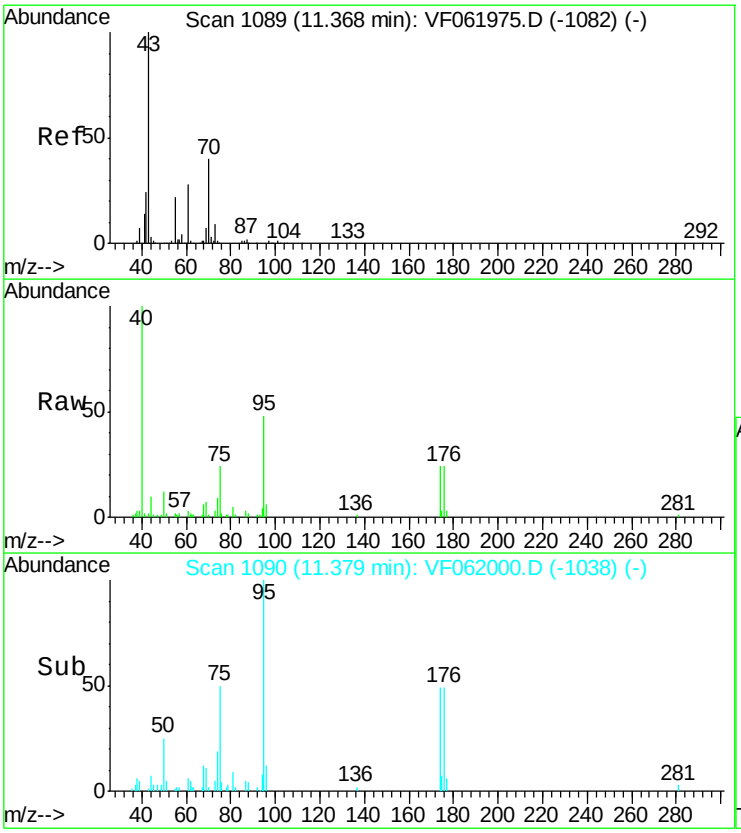
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.54 min Scan# 1208
Delta R.T. -0.01 min
Lab File: VF062000.D
Acq: 18 Mar 2019 16:32

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion:152 Resp: 47900

Ion	Ratio	Lower	Upper
152	100		
115	51.9	27.3	81.9
150	161.8	0.0	316.2

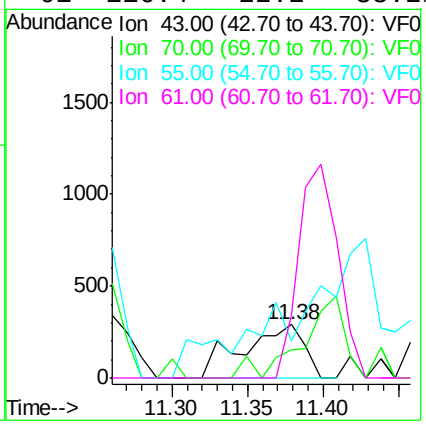


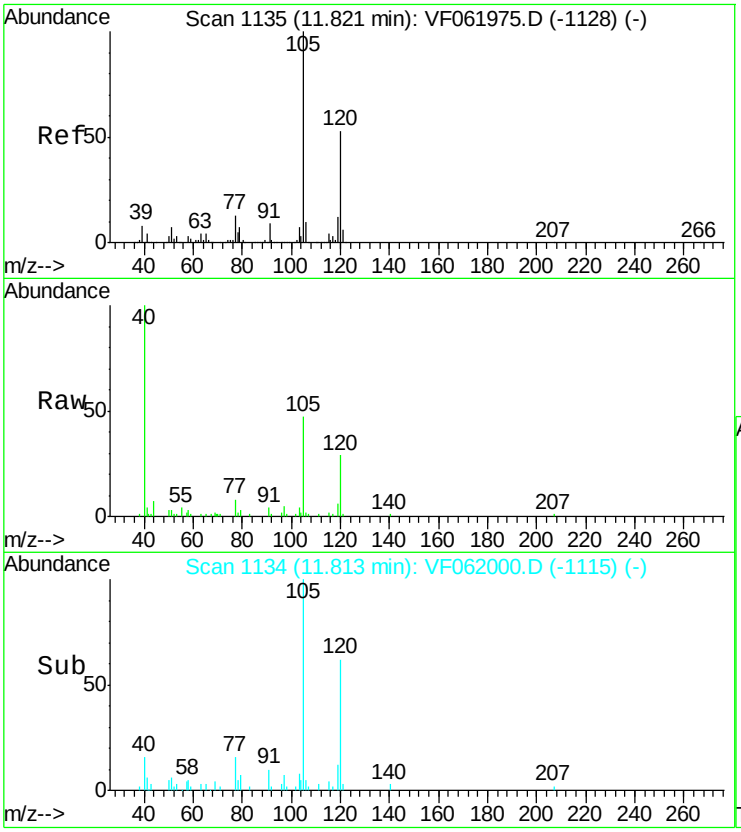


#74
N-amyl acetate
Concen: 1.075 ug/l
RT: 11.38 min Scan# 1090
Delta R.T. 0.01 min
Lab File: VF062000.D
Acq: 18 Mar 2019 16:32

Tgt Ion: 43 Resp: 815

Ion	Ratio	Lower	Upper
43	100		
70	52.1	31.9	47.9#
55	68.8	17.9	26.9#
61	116.4	22.2	33.2#



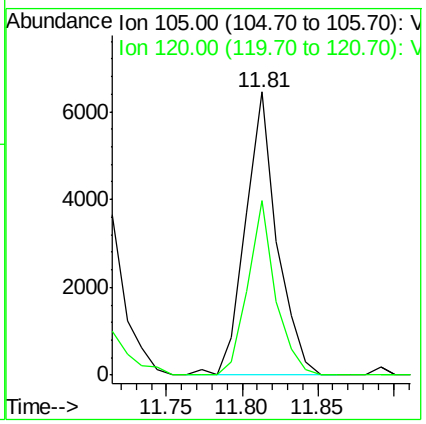


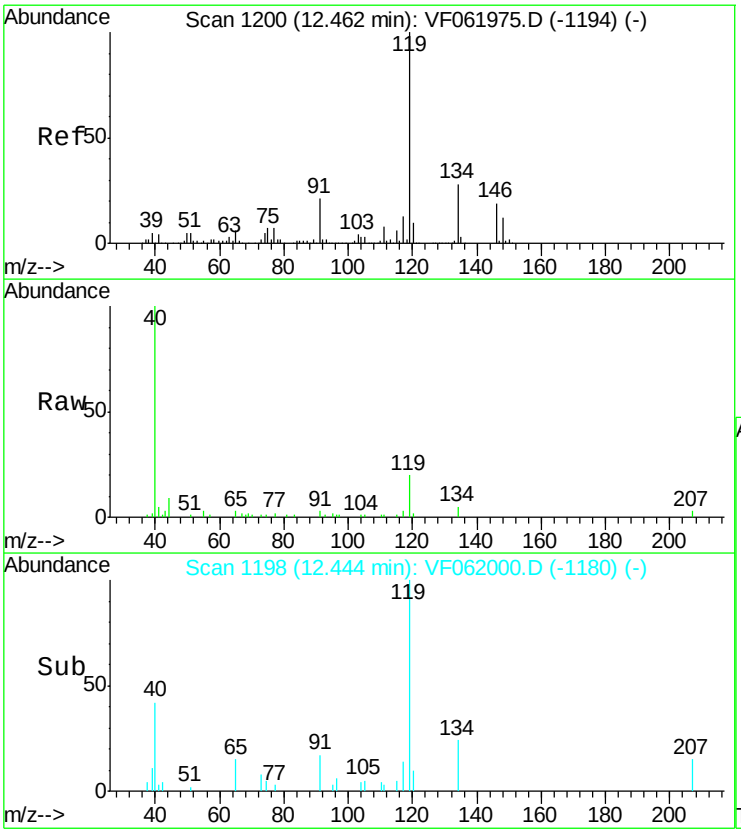
#80
1,3,5-Trimethylbenzene
Concen: 3.510 ug/l
RT: 11.81 min Scan# 1134
Delta R.T. -0.01 min
Lab File: VF062000.D
Acq: 18 Mar 2019 16:32

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion:105 Resp: 9382

Ion	Ratio	Lower	Upper
105	100		
120	61.8	26.6	79.7

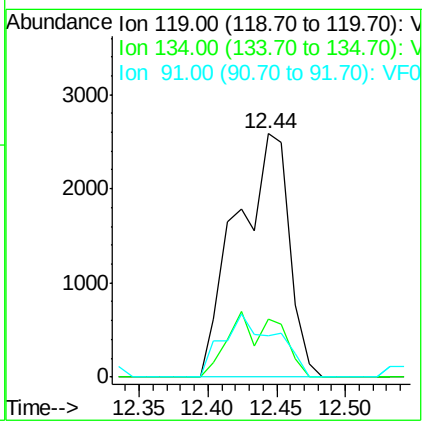


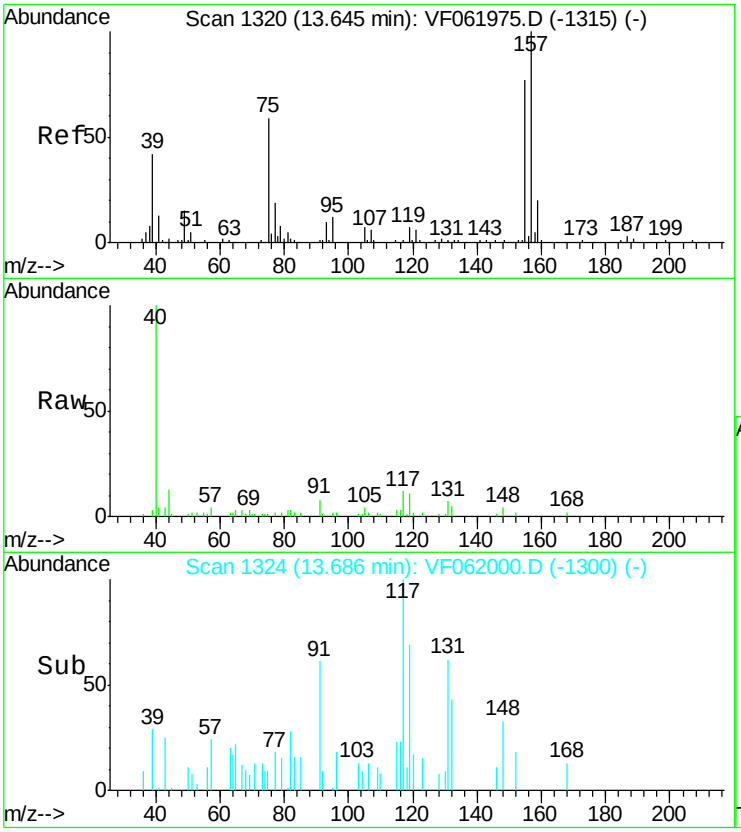


#86
p-Isopropyltoluene
Concen: 2.174 ug/l
RT: 12.44 min Scan# 1198
Delta R.T. -0.02 min
Lab File: VF062000.D
Acq: 18 Mar 2019 16:32

Tgt Ion:119 Resp: 6852

Ion	Ratio	Lower	Upper
119	100		
134	23.7	13.9	41.7
91	16.8	10.4	31.1



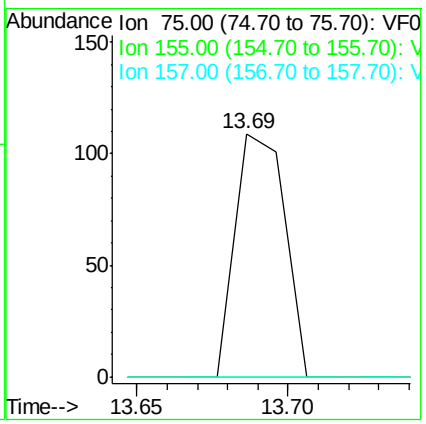


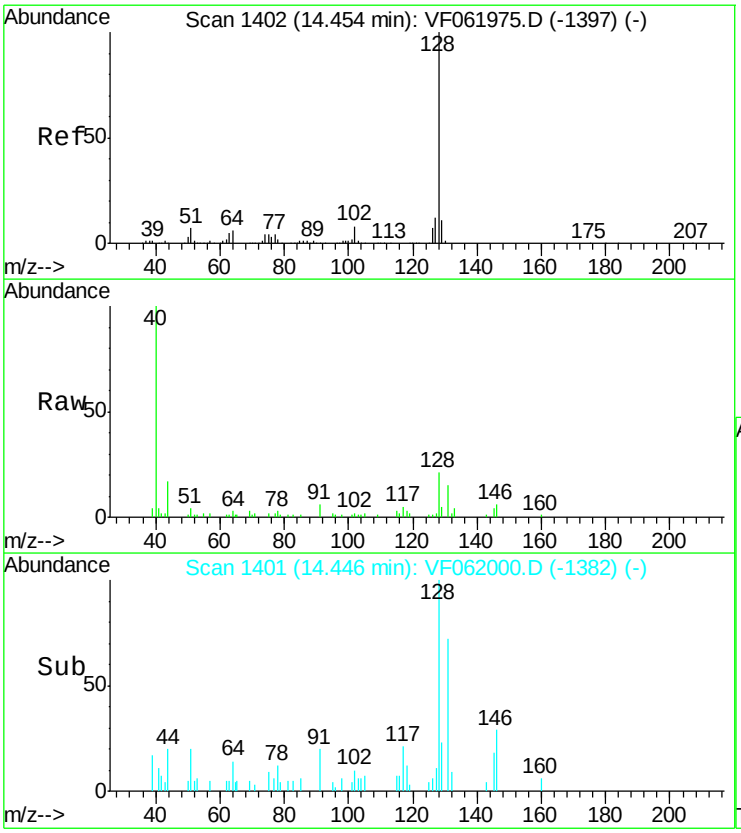
#92
1,2-Dibromo-3-Chloropropane
Concen: 1.415 ug/l
RT: 13.69 min Scan# 1324
Delta R.T. 0.04 min
Lab File: VF062000.D
Acq: 18 Mar 2019 16:32

Instrument : MSVOA_F
ClientSampleId :

Tgt Ion: 75 Resp: 124

Ion	Ratio	Lower	Upper
75	100		
155	0.0	65.0	195.1#
157	0.0	84.7	254.0#





#95
Naphthalene
Concen: 2.375 ug/l
RT: 14.45 min Scan# 1401
Delta R.T. -0.01 min
Lab File: VF062000.D
Acq: 18 Mar 2019 16:32

Tgt Ion:128 Resp: 4150

Ion	Ratio	Lower	Upper
128	100		
127	11.3	9.3	13.9
129	22.7	9.1	13.7#