Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF052319\
Data File : VF062723.D
Acq On : 23 May 2019 13:33
Operator : FY/SY
Sample : K2647-11
Misc : 6.25g/5mL/MSVOA_F/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId : SU-03-052219-A

Quant Time: May 24 02:13:33 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	5.06	168	734186	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.78	114	1271653	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.91	117	897891	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.61	152	336681	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.04	65	268334	51.72	ug/l	0.00
Spiked Amount 50.000			Recovery = 103.44%			
35) Dibromofluoromethane	4.31	113	483672	49.71	ug/l	0.00
Spiked Amount 50.000			Recovery = 99.42%			
50) Toluene-d8	7.71	98	953495	41.04	ug/l	0.00
Spiked Amount 50.000			Recovery = 82.08%			
62) 4-Bromofluorobenzene	11.49	95	337094	38.26	ug/l	0.00
Spiked Amount 50.000			Recovery = 76.52%			
Target Compounds						Qvalue
8) Diethyl Ether	1.73	74	2364	1.049	ug/l	86
11) Tert butyl alcohol	2.68	59	1170	3.416	ug/l #	1
13) Acrolein	2.00	56	1470	4.111	ug/l	92
15) Acrylonitrile	3.10	53	2181	2.257	ug/l	95
16) Acetone	2.35	43	25377	18.854	ug/l #	84
18) Methyl Acetate	2.49	43	16089	7.607	ug/l #	71
20) Methylene Chloride	2.30	84	10550	1.564	ug/l	93
25) 2-Butanone	4.55	43	6475	2.252	ug/l #	78
43) Isopropyl Acetate	7.11	43	13440	1.950	ug/l #	95
49) 1,4-Dioxane	6.89	88	533	11.551	ug/l #	1
51) 4-Methyl-2-Pentanone	8.40	43	35738	7.585	ug/l	95
56) Ethyl methacrylate	8.75	69	9433	1.436	ug/l	91
59) 2-Hexanone	9.62	43	32143	Below Cal		75
74) N-amyl acetate	11.44	43	25570	Below Cal #		93
81) trans-1,4-Dichloro-2-buten	11.96	75	2967	2.060	ug/l #	39
84) 1,2,4-Trimethylbenzene	12.26	105	32960	1.760	ug/l	94
92) 1,2-Dibromo-3-Chloropropan	13.65	75	1802	3.063	ug/l #	1
95) Naphthalene	14.49	128	57238	4.550	ug/l #	94

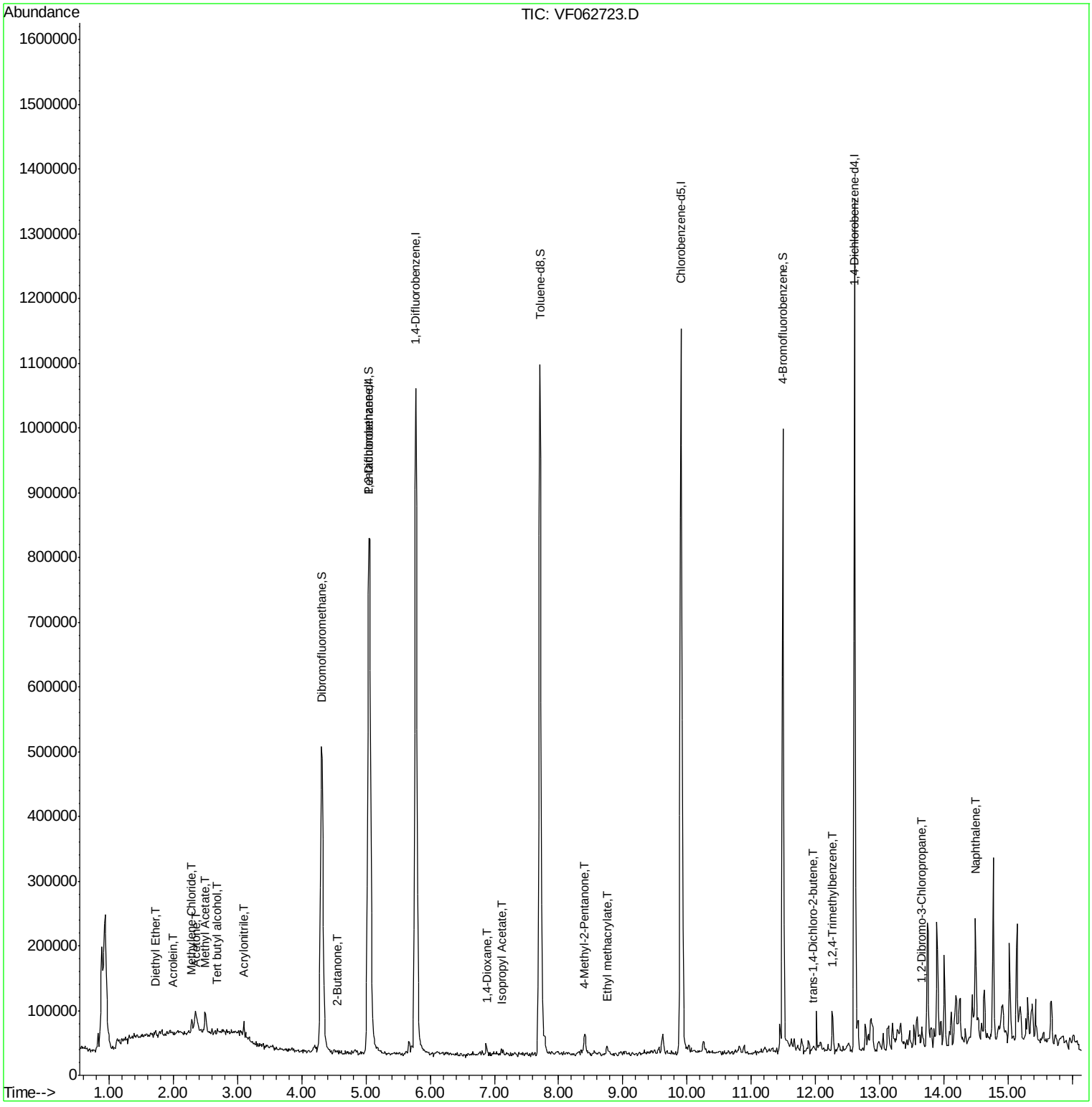
(#) = qualifier out of range (m) = manual integration (+) = signals summed

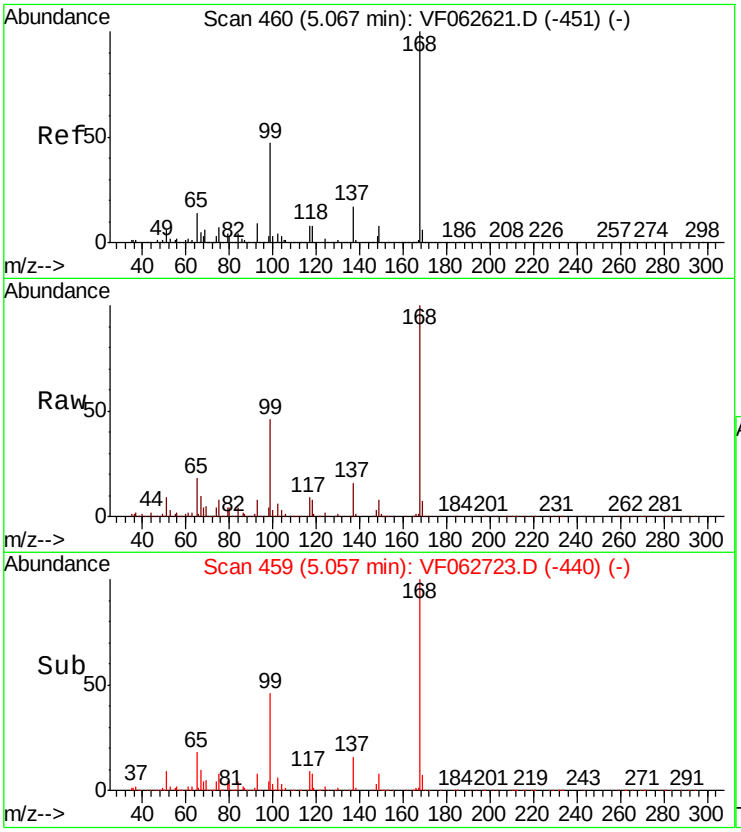
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF052319\
Data File : VF062723.D
Acq On : 23 May 2019 13:33
Operator : FY/SY
Sample : K2647-11
Misc : 6.25g/5mL/MSVOA F/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId : SU-03-052219-A

Quant Time: May 24 02:13:33 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



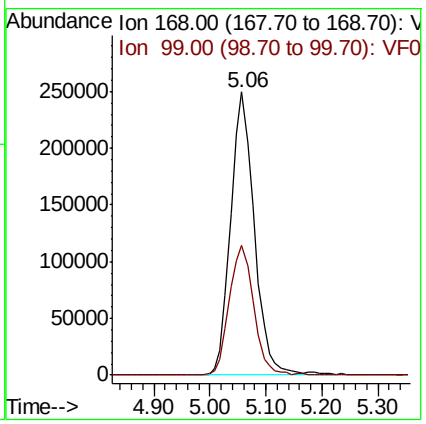


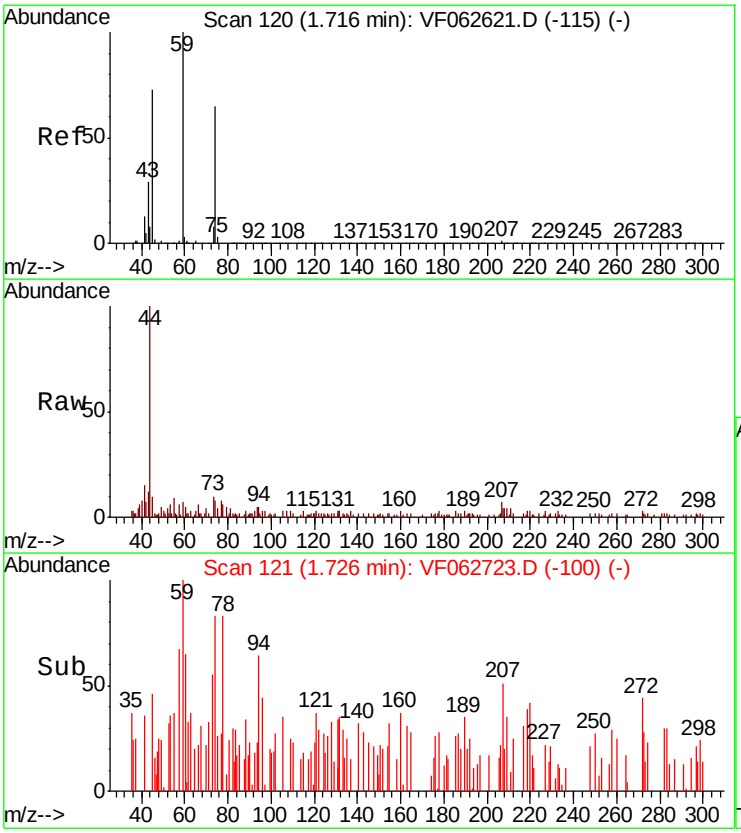
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.06 min Scan# 459
Delta R.T. -0.01 min
Lab File: VF062723.D
Acq: 23 May 2019 13:33

Instrument :
MSVOA_F
ClientSampleId :
SU-03-052219-A

Tgt Ion:168 Resp: 734186

Ion	Ratio	Lower	Upper
168	100		
99	46.1	37.8	56.8

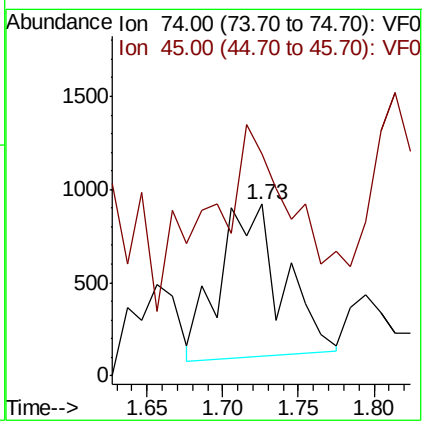


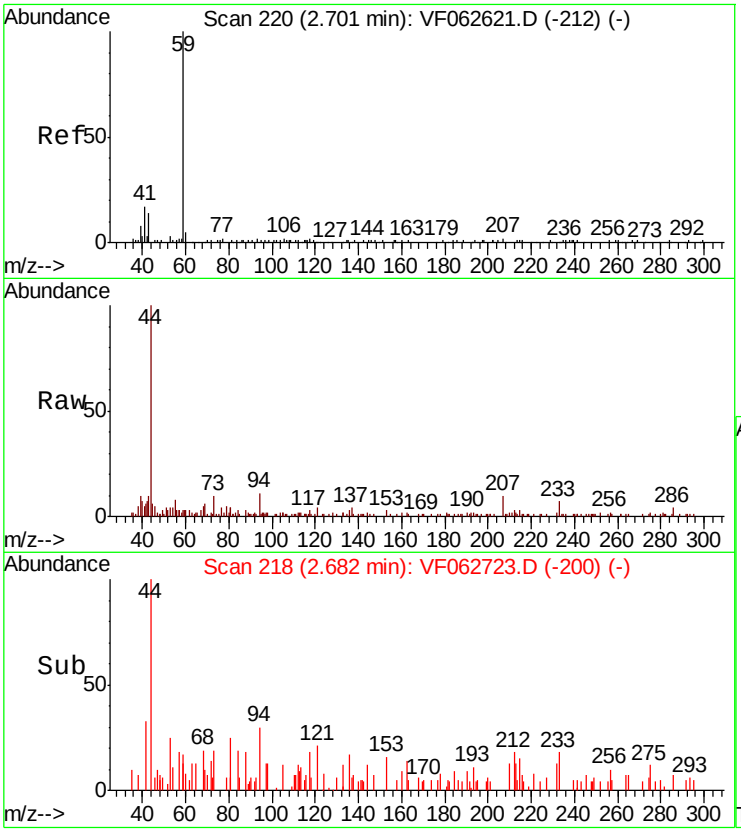


#8
Diethyl Ether
Concen: 1.049 ug/l
RT: 1.73 min Scan# 121
Delta R.T. 0.01 min
Lab File: VF062723.D
Acq: 23 May 2019 13:33

Tgt Ion: 74 Resp: 2364

Ion	Ratio	Lower	Upper
74	100		
45	129.3	57.0	170.8



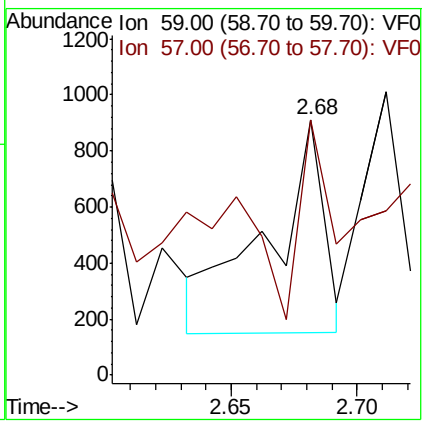


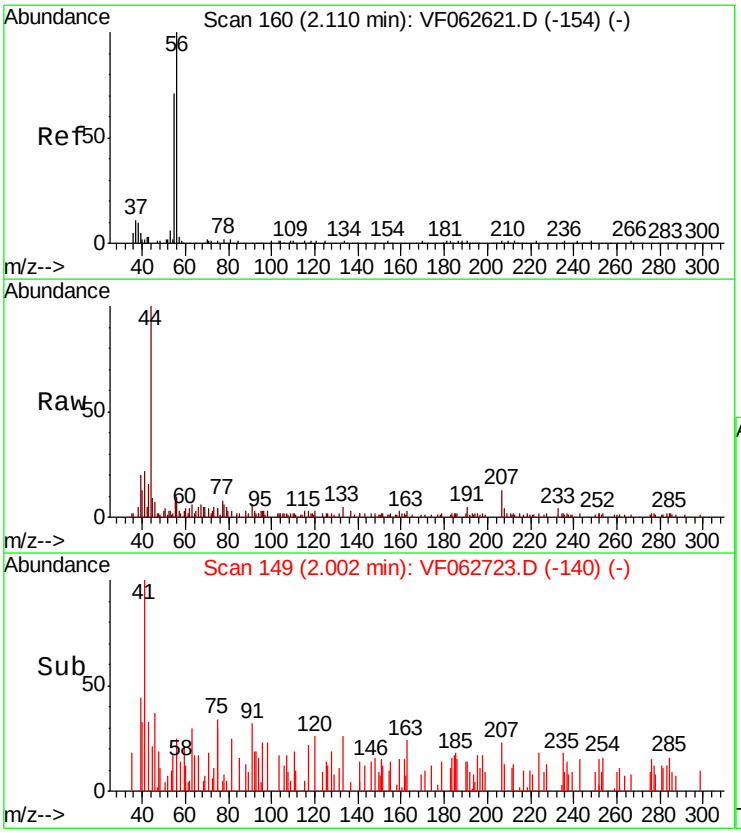
#11
Tert butyl alcohol
Concen: 3.416 ug/l
RT: 2.68 min Scan# 218
Delta R.T. -0.02 min
Lab File: VF062723.D
Acq: 23 May 2019 13:33

Instrument :
MSVOA_F
ClientSampleId :
SU-03-052219-A

Tgt Ion: 59 Resp: 1170

Ion	Ratio	Lower	Upper
59	100		
57	99.6	9.3	13.9#

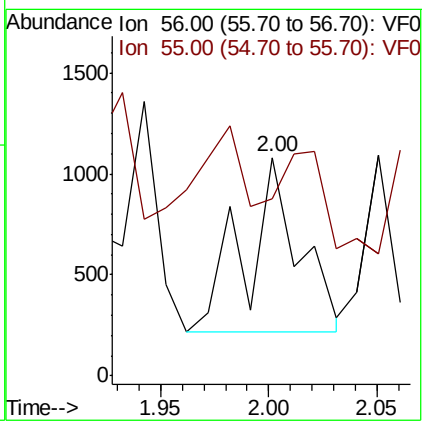


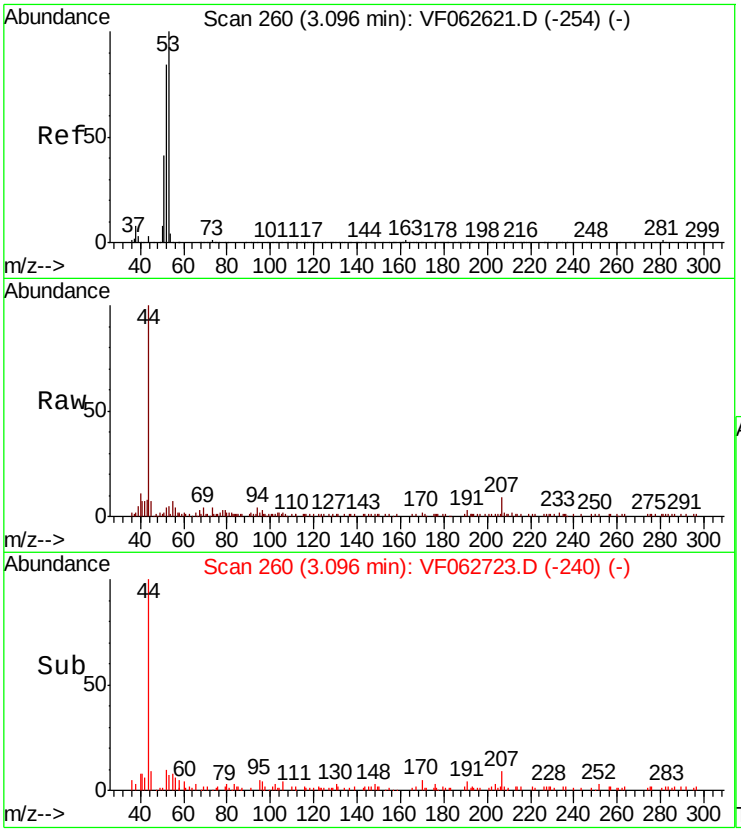


#13
Acrolein
Concen: 4.111 ug/l
RT: 2.00 min Scan# 149
Delta R.T. -0.11 min
Lab File: VF062723.D
Acq: 23 May 2019 13:33

Tgt Ion: 56 Resp: 1470

Ion	Ratio	Lower	Upper
56	100		
55	80.9	59.4	89.0



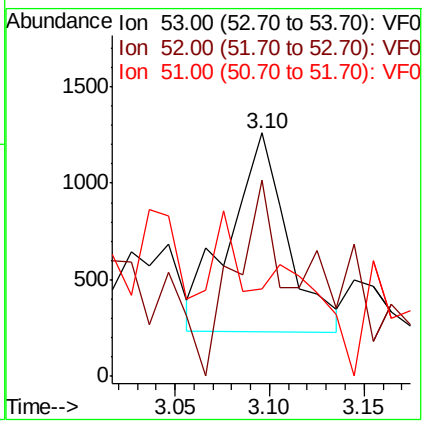


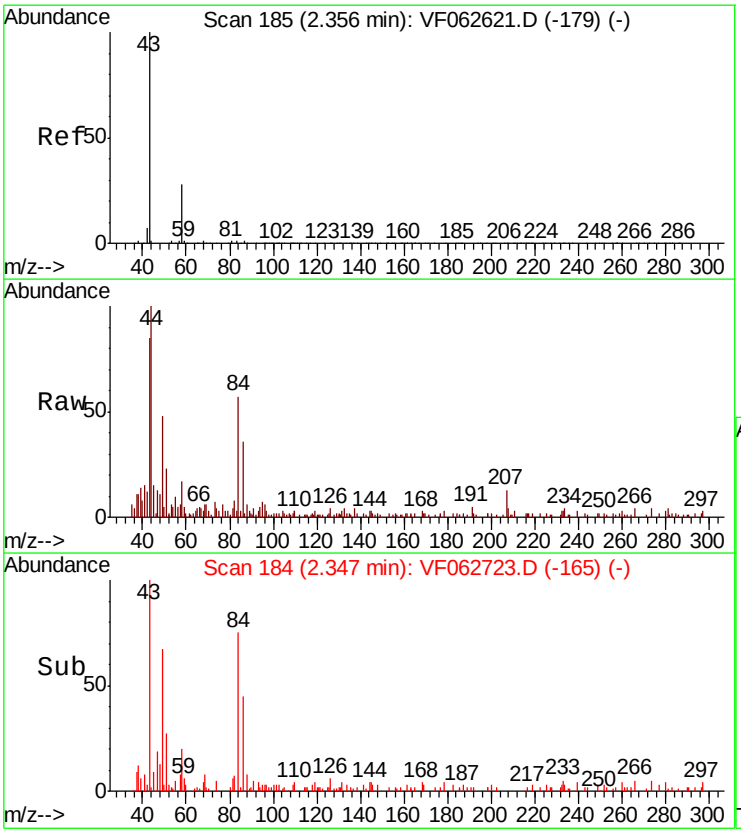
#15
Acrylonitrile
Concen: 2.257 ug/l
RT: 3.10 min Scan# 260
Delta R.T. -0.00 min
Lab File: VF062723.D
Acq: 23 May 2019 13:33

Instrument :
MSVOA_F
ClientSampleId :
SU-03-052219-A

Tgt Ion: 53 Resp: 2181

Ion	Ratio	Lower	Upper
53	100		
52	80.7	67.3	100.9
51	35.8	33.0	49.6

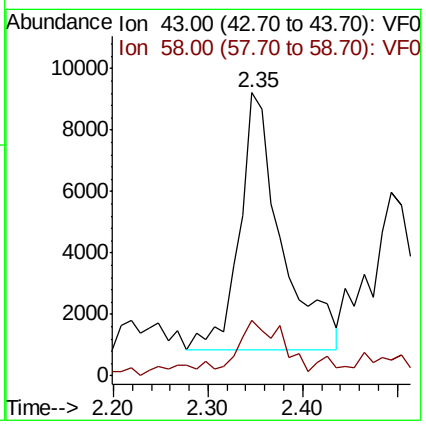


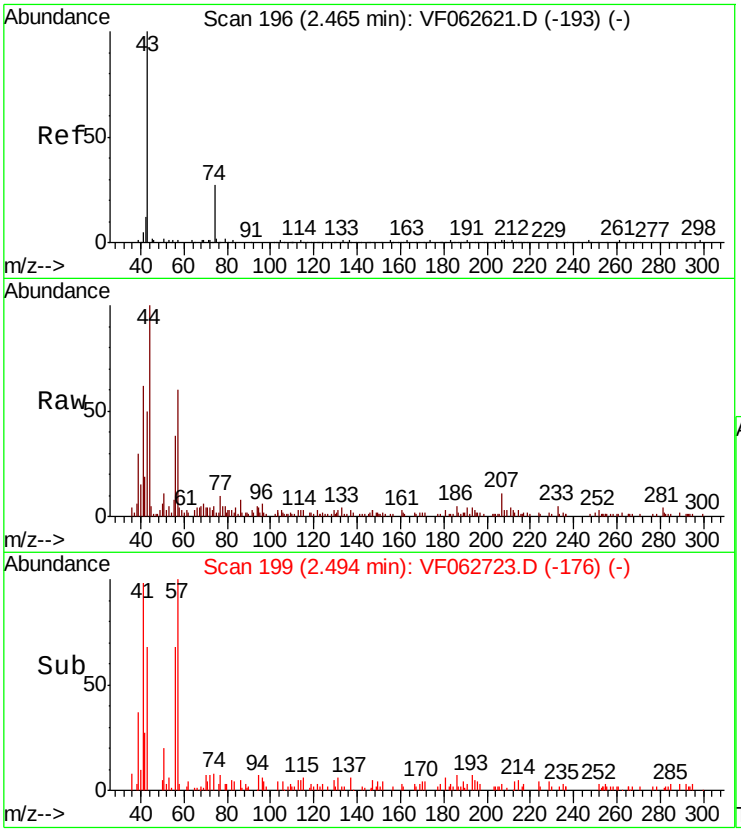


#16
Acetone
Concen: 18.854 ug/l
RT: 2.35 min Scan# 184
Delta R.T. -0.01 min
Lab File: VF062723.D
Acq: 23 May 2019 13:33

Tgt Ion: 43 Resp: 25377

Ion	Ratio	Lower	Upper
43	100		
58	19.8	22.6	33.8#



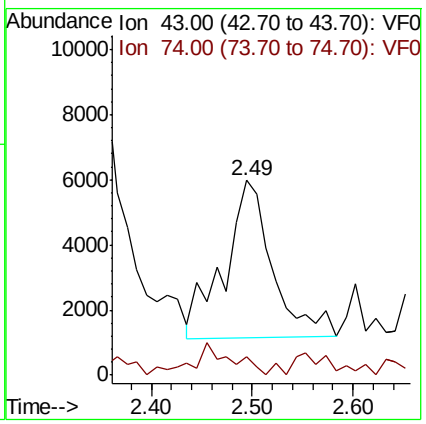


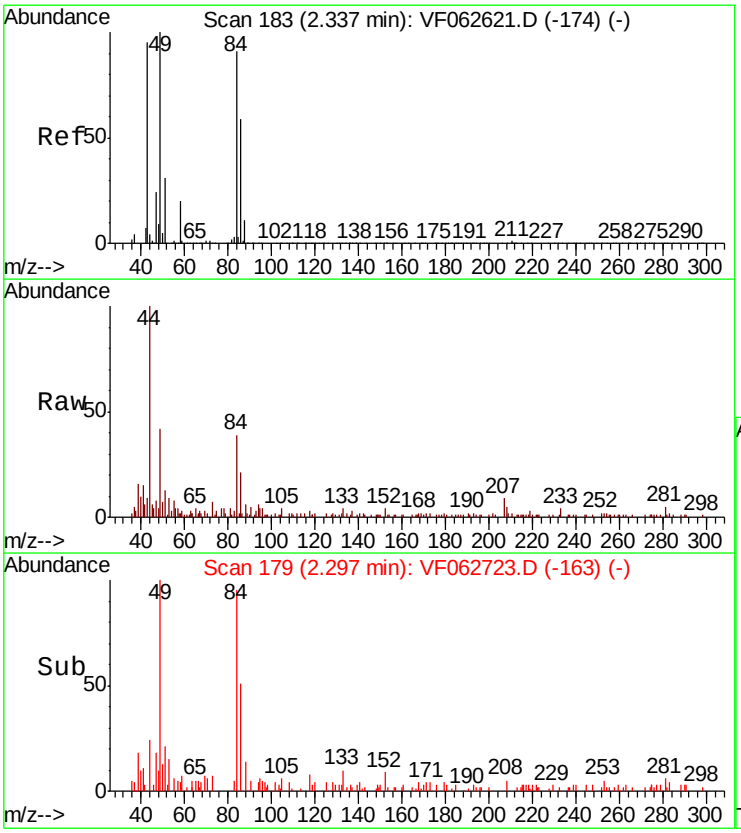
#18
Methyl Acetate
Concen: 7.607 ug/l
RT: 2.49 min Scan# 199
Delta R.T. 0.03 min
Lab File: VF062723.D
Acq: 23 May 2019 13:33

Instrument : MSVOA_F
ClientSampleId : SU-03-052219-A

Tgt Ion: 43 Resp: 16089

Ion	Ratio	Lower	Upper
43	100		
74	9.2	18.9	28.3#

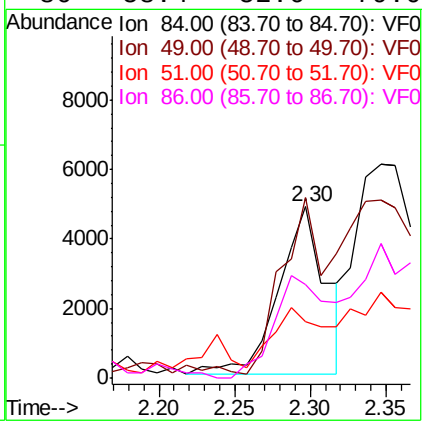


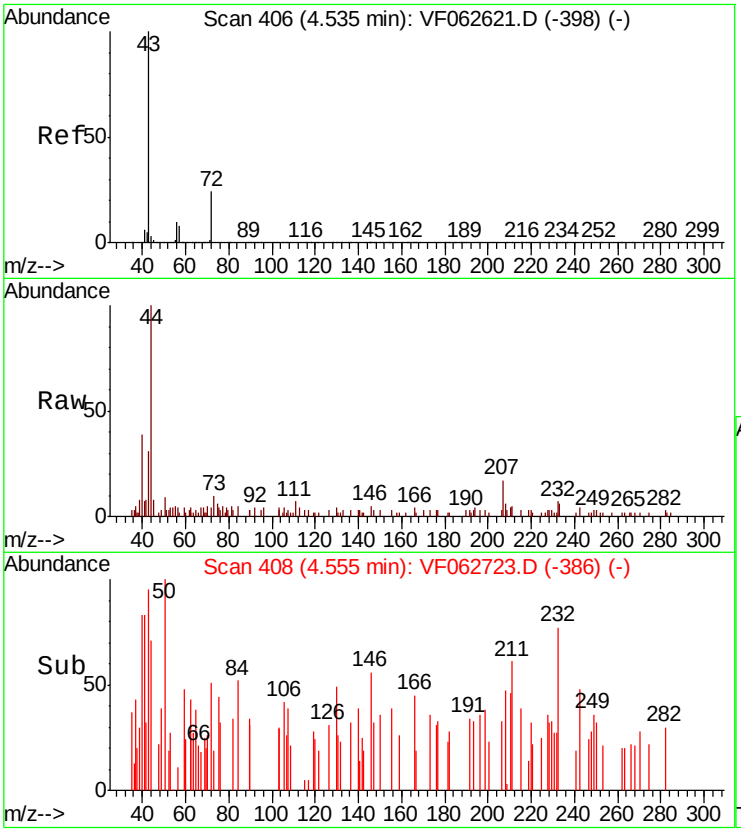


#20
Methylene Chloride
Concen: 1.564 ug/l
RT: 2.30 min Scan# 179
Delta R.T. -0.04 min
Lab File: VF062723.D
Acq: 23 May 2019 13:33

Tgt Ion: 84 Resp: 10550

Ion	Ratio	Lower	Upper
84	100		
49	105.8	89.8	134.8
51	33.0	28.4	42.6
86	58.4	52.6	79.0



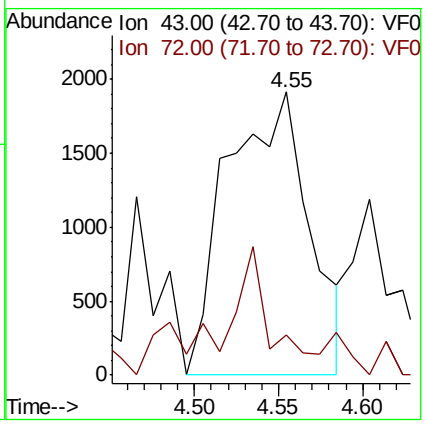


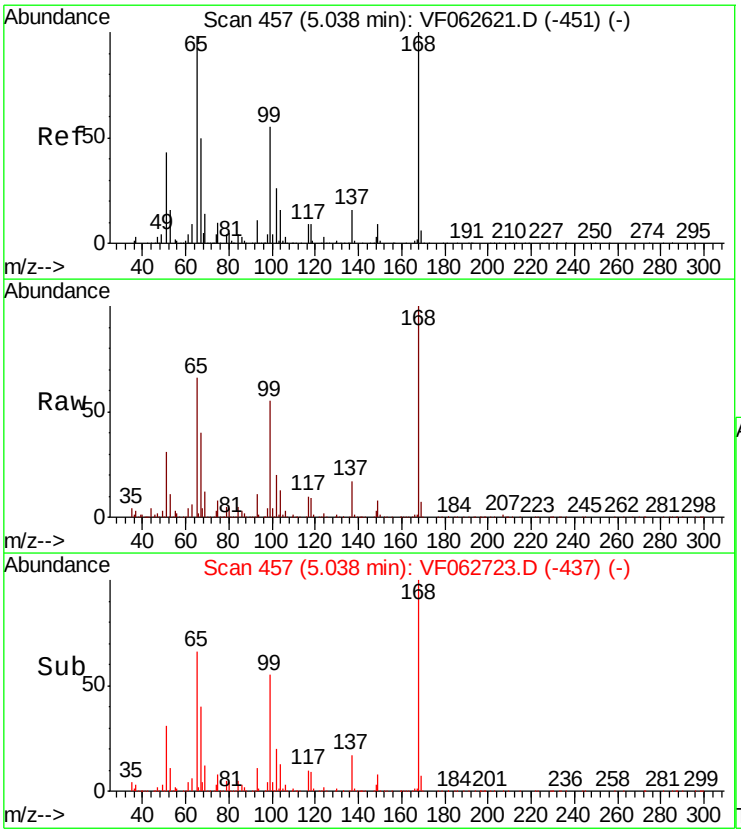
#25
2-Butanone
Concen: 2.252 ug/l
RT: 4.55 min Scan# 408
Delta R.T. 0.02 min
Lab File: VF062723.D
Acq: 23 May 2019 13:33

Instrument :
MSVOA_F
ClientSampleId :
SU-03-052219-A

Tgt Ion: 43 Resp: 6475

Ion	Ratio	Lower	Upper
43	100		
72	14.3	20.1	30.1#

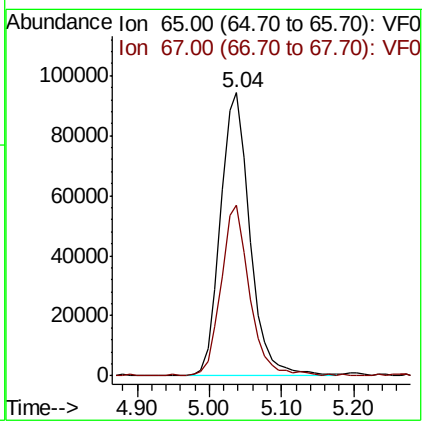


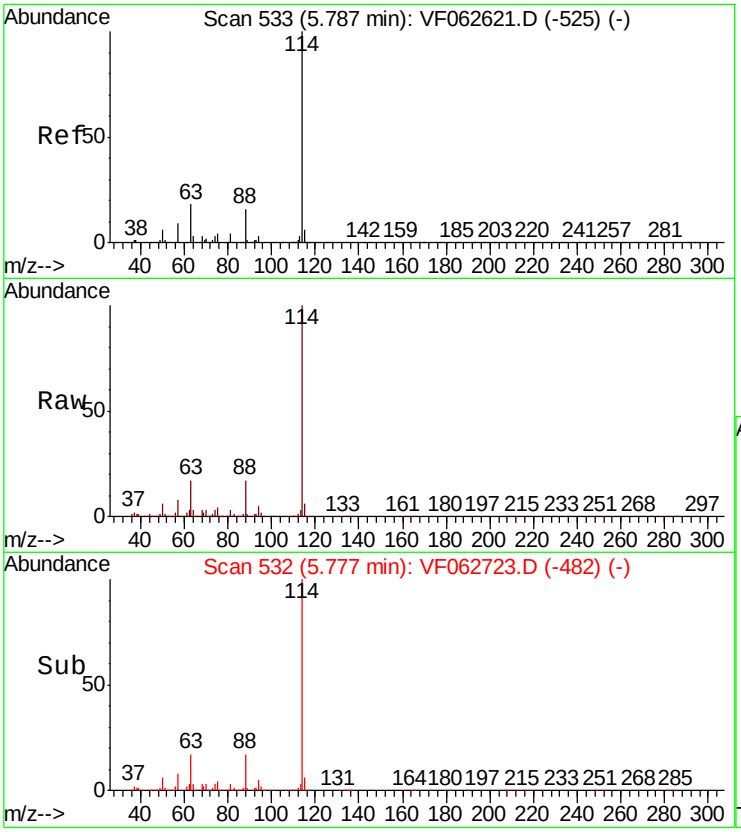


#33
1,2-Dichloroethane-d4
Concen: 51.721 ug/l
RT: 5.04 min Scan# 457
Delta R.T. -0.00 min
Lab File: VF062723.D
Acq: 23 May 2019 13:33

Tgt Ion: 65 Resp: 268334

Ion	Ratio	Lower	Upper
65	100		
67	60.4	0.0	117.6



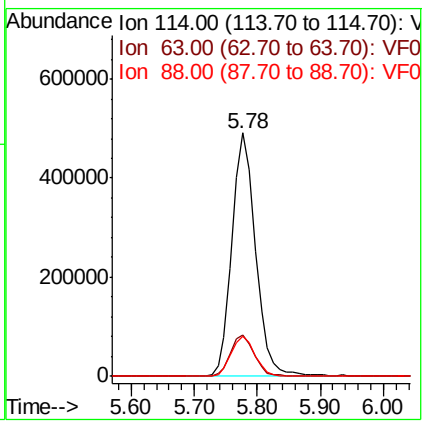


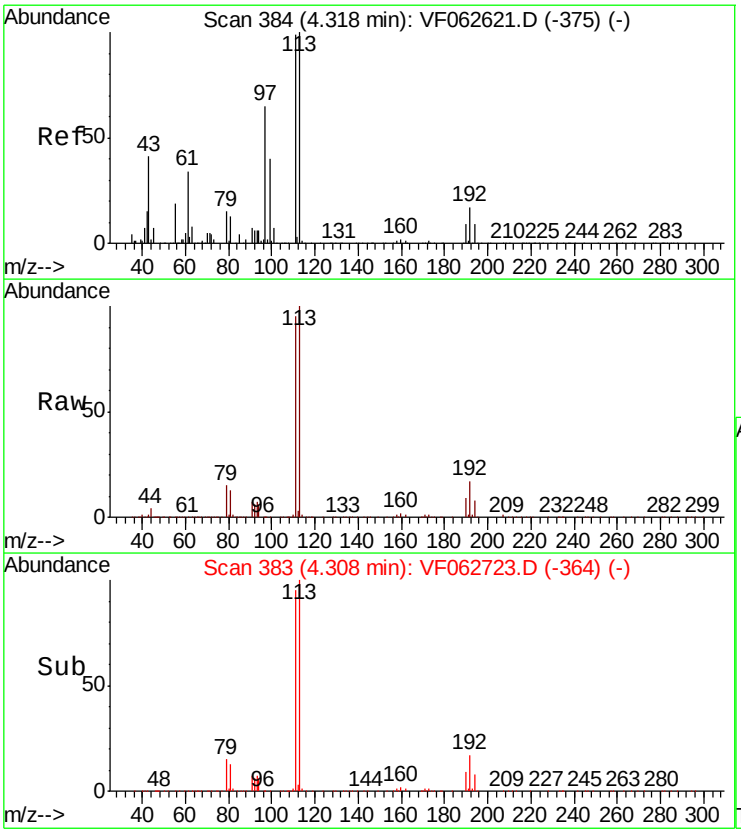
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.78 min Scan# 532
Delta R.T. -0.01 min
Lab File: VF062723.D
Acq: 23 May 2019 13:33

Instrument :
MSVOA_F
ClientSampleId :
SU-03-052219-A

Tgt Ion:114 Resp: 1271653

Ion	Ratio	Lower	Upper
114	100		
63	17.2	0.0	35.4
88	16.6	0.0	32.4

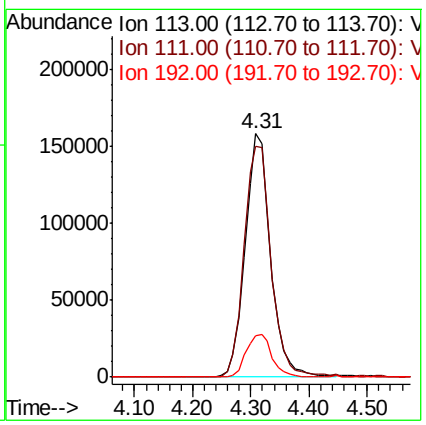


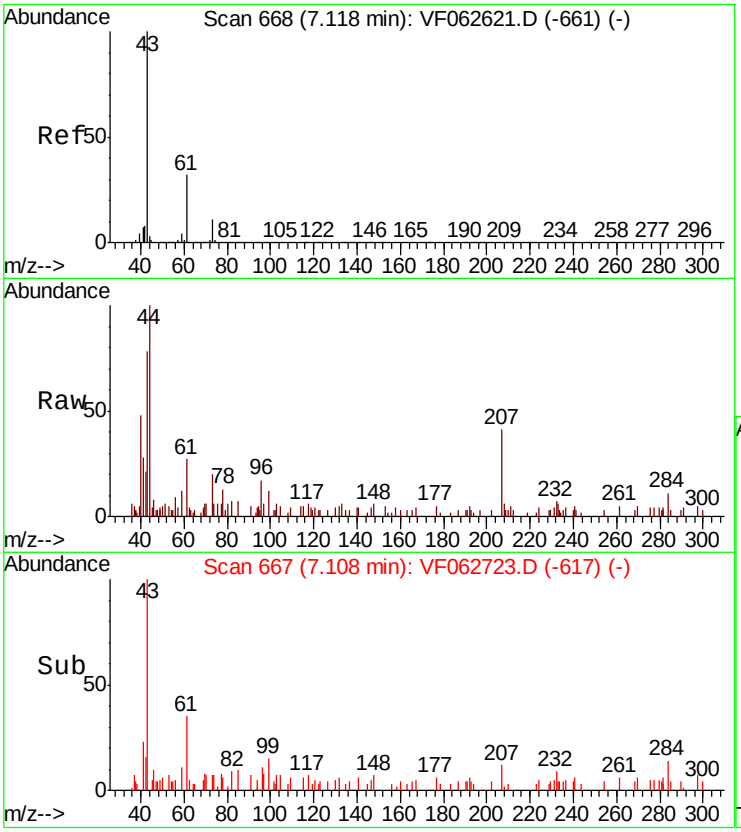


#35
Dibromofluoromethane
Concen: 49.706 ug/l
RT: 4.31 min Scan# 383
Delta R.T. -0.01 min
Lab File: VF062723.D
Acq: 23 May 2019 13:33

Tgt Ion:113 Resp: 483672

Ion	Ratio	Lower	Upper
113	100		
111	94.6	79.4	119.2
192	16.9	13.4	20.2



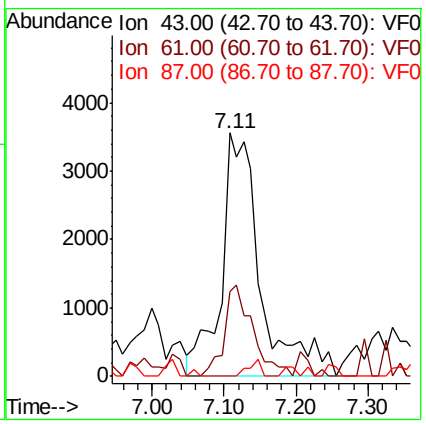


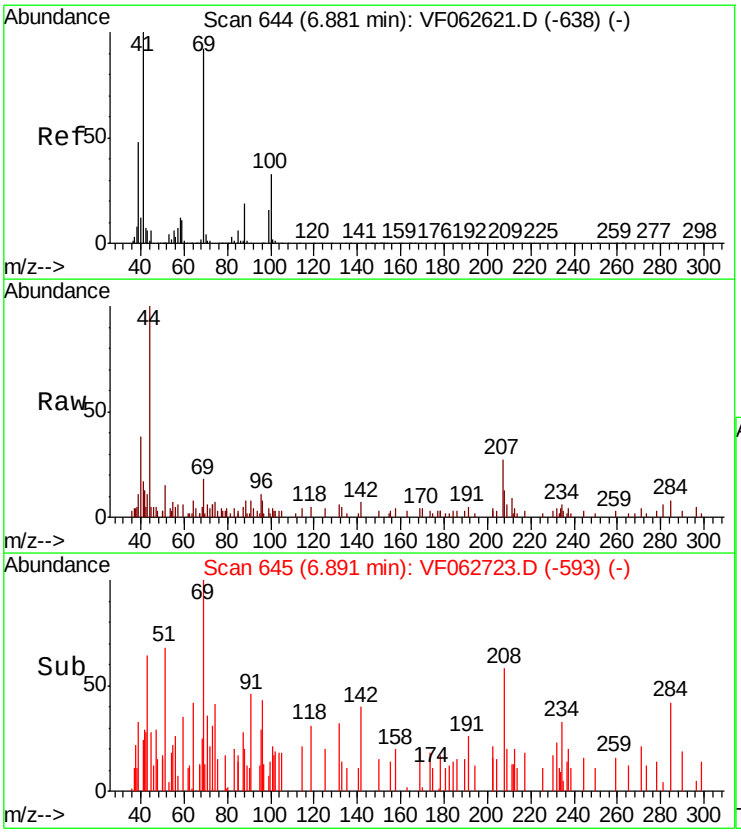
#43
Isopropyl Acetate
Concen: 1.950 ug/l
RT: 7.11 min Scan# 667
Delta R.T. -0.01 min
Lab File: VF062723.D
Acq: 23 May 2019 13:33

Instrument : MSVOA_F
ClientSampleId : SU-03-052219-A

Tgt Ion: 43 Resp: 13440

Ion	Ratio	Lower	Upper
43	100		
61	34.9	25.8	38.8
87	0.0	0.4	0.6#

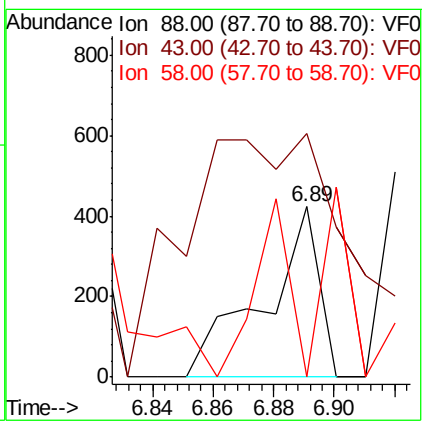


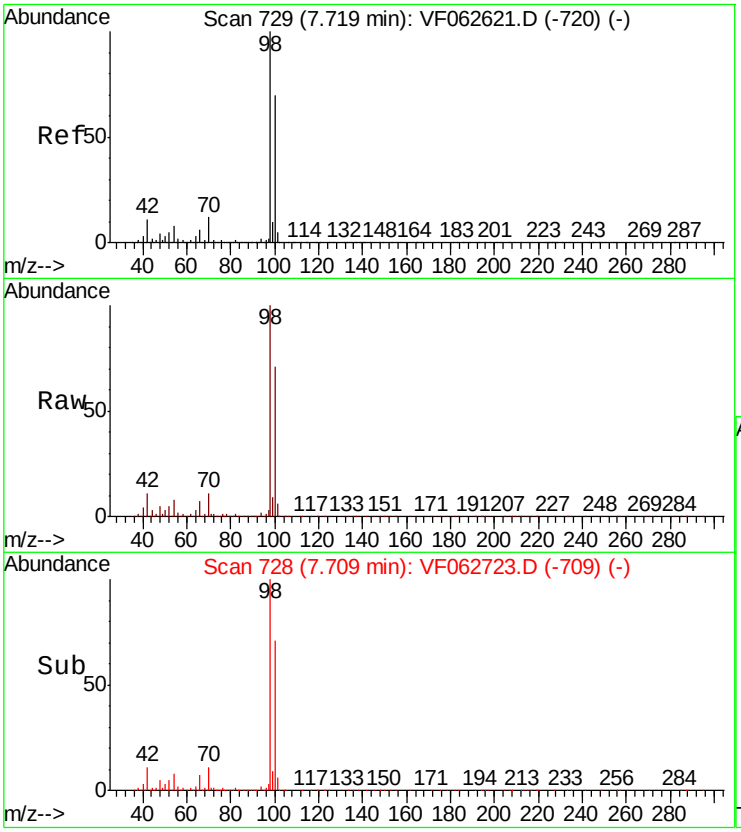


#49
1,4-Dioxane
Concen: 11.551 ug/l
RT: 6.89 min Scan# 645
Delta R.T. 0.01 min
Lab File: VF062723.D
Acq: 23 May 2019 13:33

Tgt Ion: 88 Resp: 533

Ion	Ratio	Lower	Upper
88	100		
43	143.0	30.0	45.0#
58	0.0	51.1	76.7#



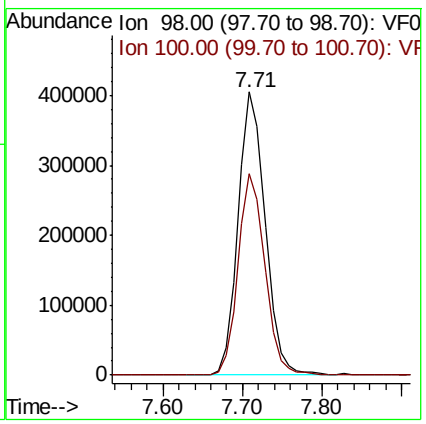


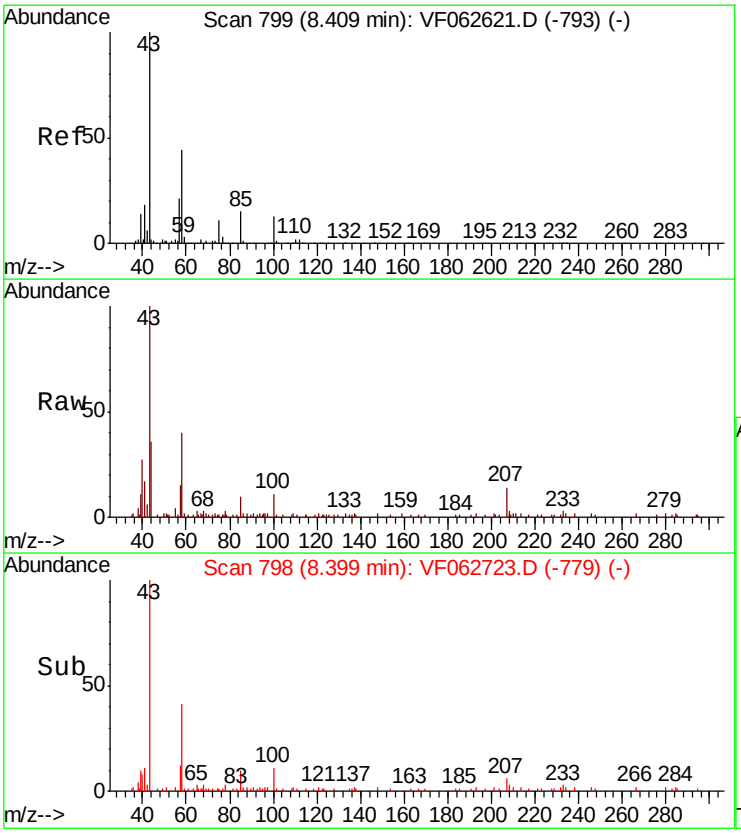
#50
Toluene-d8
Concen: 41.040 ug/l
RT: 7.71 min Scan# 728
Delta R.T. -0.01 min
Lab File: VF062723.D
Acq: 23 May 2019 13:33

Instrument :
MSVOA_F
ClientSampleId :
SU-03-052219-A

Tgt Ion: 98 Resp: 953495

Ion	Ratio	Lower	Upper
98	100		
100	71.1	56.2	84.2

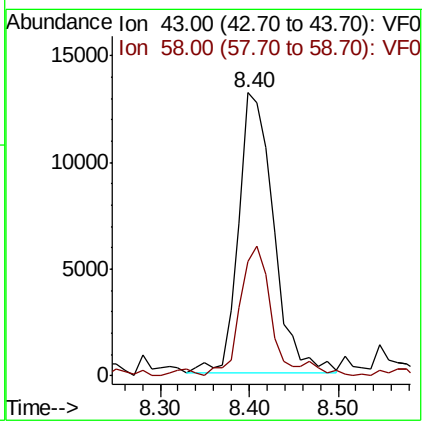


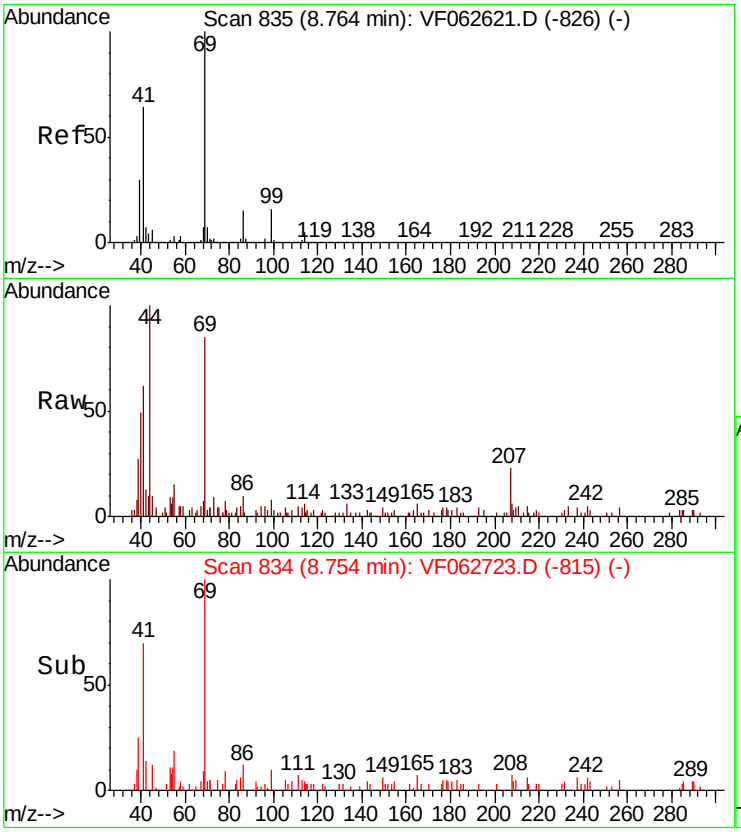


#51
4-Methyl-2-Pentanone
Concen: 7.585 ug/l
RT: 8.40 min Scan# 798
Delta R.T. -0.01 min
Lab File: VF062723.D
Acq: 23 May 2019 13:33

Tgt Ion: 43 Resp: 35738

Ion	Ratio	Lower	Upper
43	100		
58	40.2	34.9	52.3



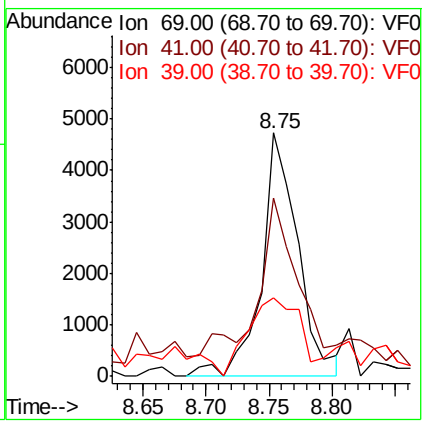


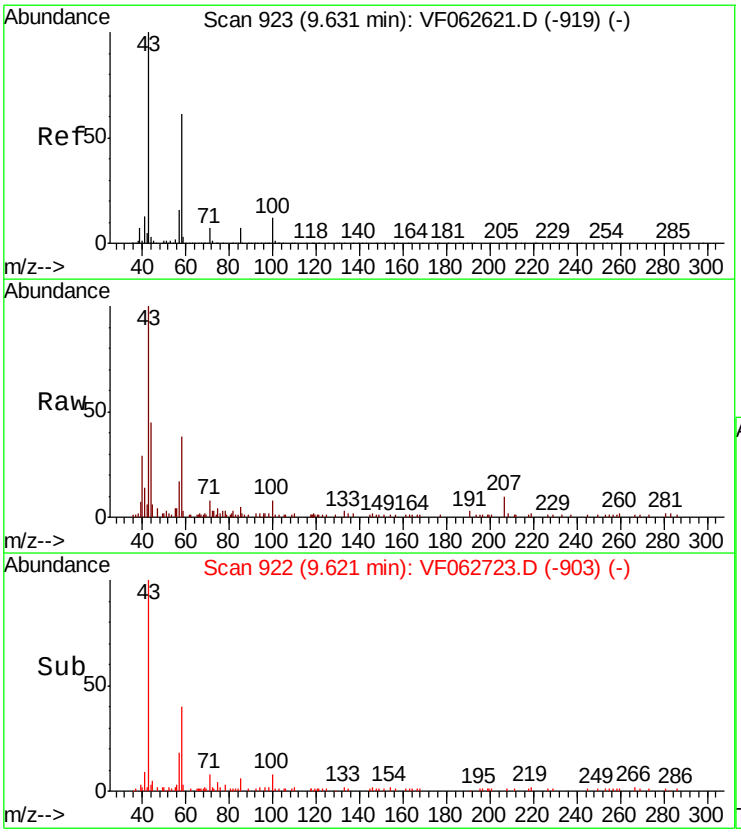
#56
Ethyl methacrylate
Concen: 1.436 ug/l
RT: 8.75 min Scan# 834
Delta R.T. -0.01 min
Lab File: VF062723.D
Acq: 23 May 2019 13:33

Instrument : MSVOA_F
ClientSampleId : SU-03-052219-A

Tgt Ion: 69 Resp: 9433

Ion	Ratio	Lower	Upper
69	100		
41	73.4	51.4	77.2
39	32.1	23.6	35.4

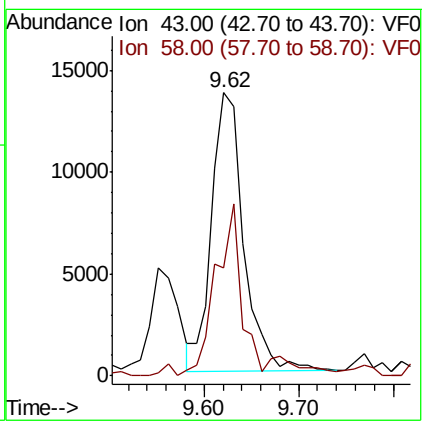


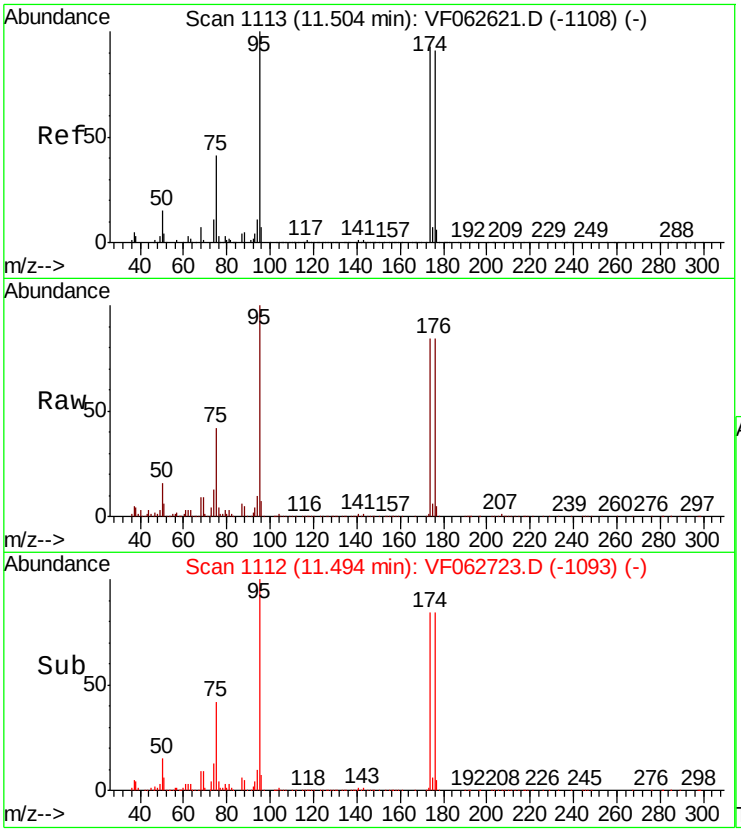


#59
2-Hexanone
Concen: Below Cal
RT: 9.62 min Scan# 922
Delta R.T. -0.01 min
Lab File: VF062723.D
Acq: 23 May 2019 13:33

Tgt Ion: 43 Resp: 32143

Ion	Ratio	Lower	Upper
43	100		
58	38.3	28.1	84.4



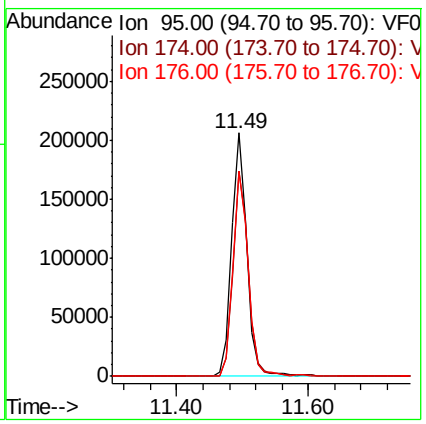


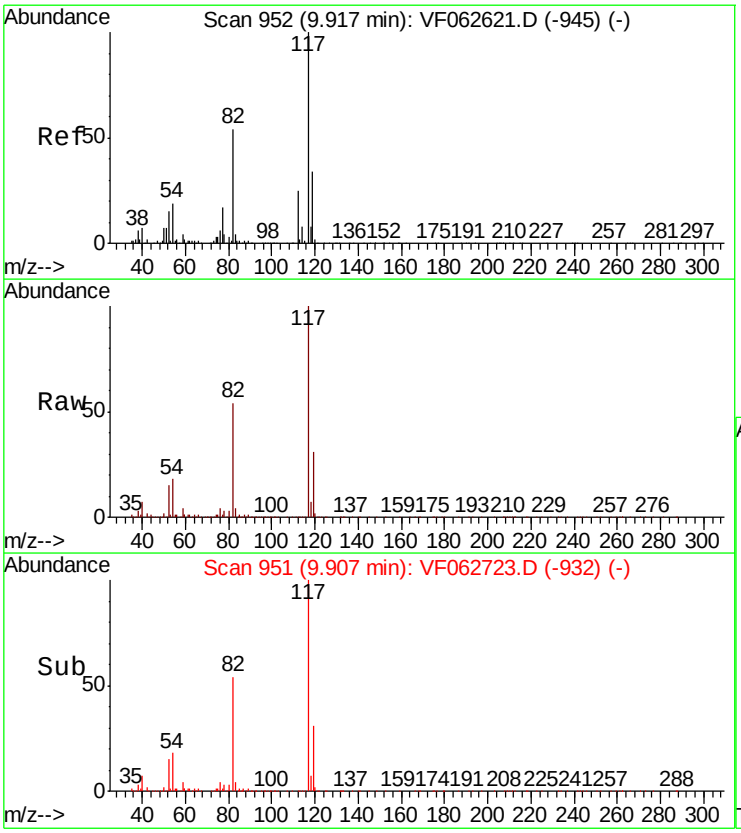
#62
4-Bromofluorobenzene
Concen: 38.256 ug/l
RT: 11.49 min Scan# 1112
Delta R.T. -0.01 min
Lab File: VF062723.D
Acq: 23 May 2019 13:33

Instrument :
MSVOA_F
ClientSampleId :
SU-03-052219-A

Tgt Ion: 95 Resp: 337094

Ion	Ratio	Lower	Upper
95	100		
174	84.3	0.0	185.6
176	84.5	0.0	182.4

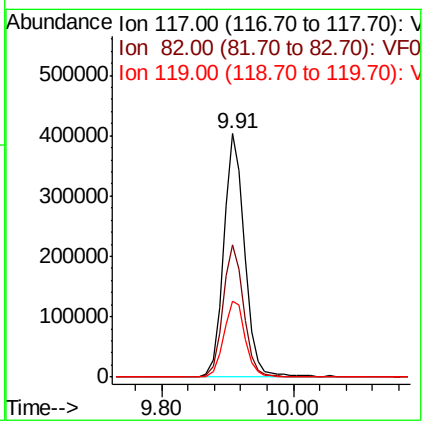


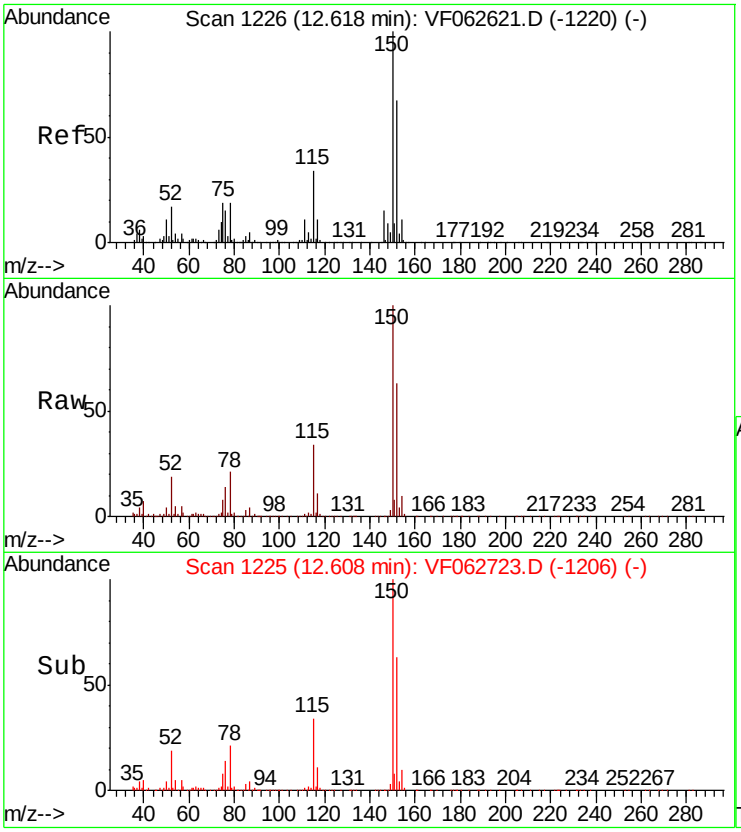


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.91 min Scan# 951
Delta R.T. -0.01 min
Lab File: VF062723.D
Acq: 23 May 2019 13:33

Tgt Ion:117 Resp: 897891

Ion	Ratio	Lower	Upper
117	100		
82	54.1	43.3	64.9
119	31.1	27.4	41.0



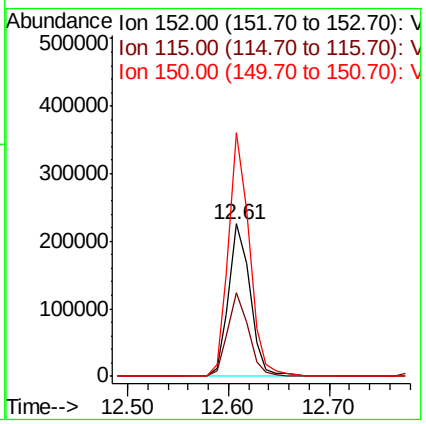


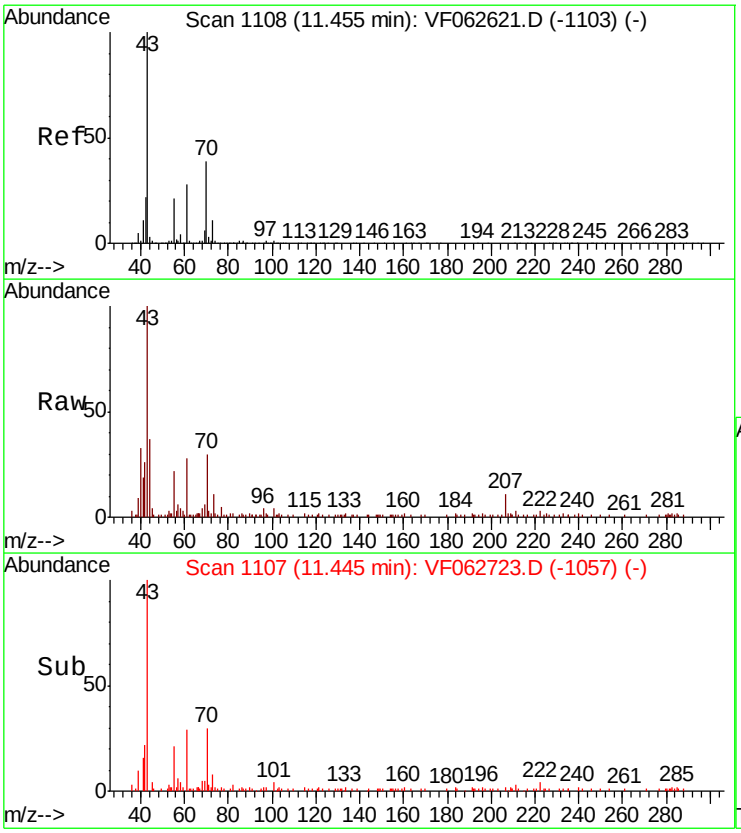
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.61 min Scan# 1225
Delta R.T. -0.01 min
Lab File: VF062723.D
Acq: 23 May 2019 13:33

Instrument : MSVOA_F
ClientSampleId : SU-03-052219-A

Tgt Ion:152 Resp: 336681

Ion	Ratio	Lower	Upper
152	100		
115	54.8	25.2	75.6
150	159.9	0.0	306.2

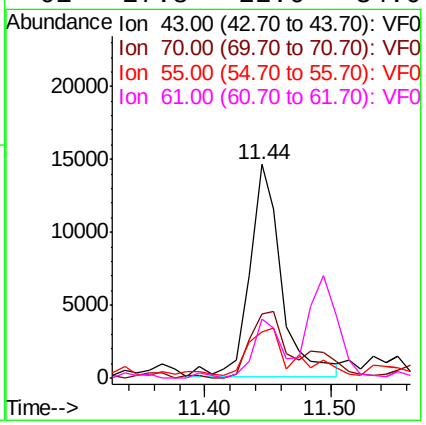


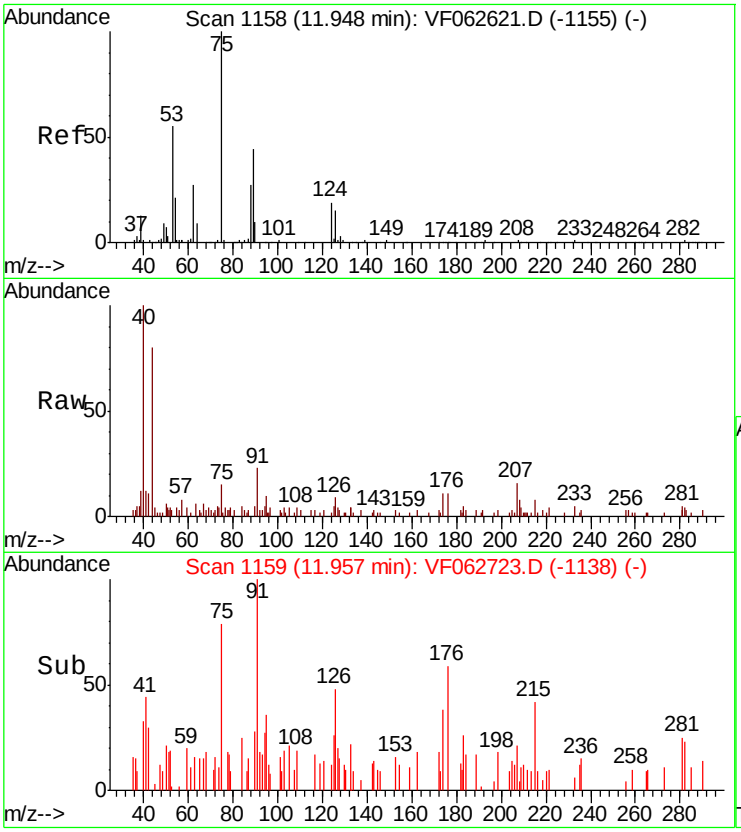


#74
N-amyl acetate
Concen: Below Cal
RT: 11.44 min Scan# 1107
Delta R.T. -0.01 min
Lab File: VF062723.D
Acq: 23 May 2019 13:33

Tgt Ion: 43 Resp: 25570

Ion	Ratio	Lower	Upper
43	100		
70	29.9	30.9	46.3#
55	21.7	17.0	25.4
61	27.8	22.6	34.0



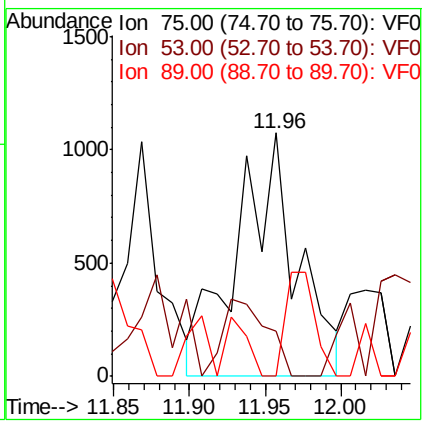


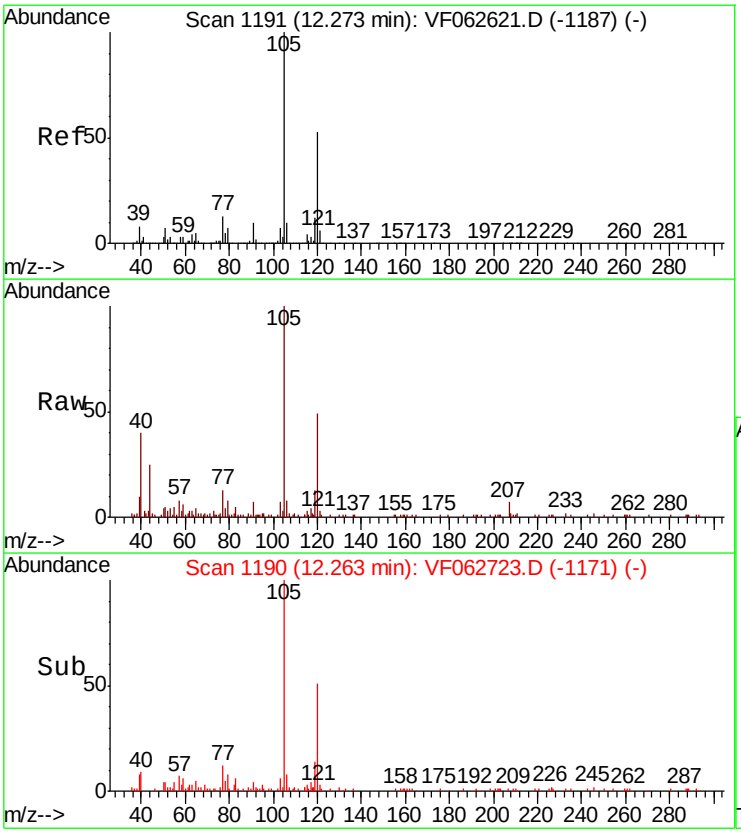
#81
trans-1,4-Dichloro-2-butene
Concen: 2.060 ug/l
RT: 11.96 min Scan# 1159
Delta R.T. 0.01 min
Lab File: VF062723.D
Acq: 23 May 2019 13:33

Instrument : MSVOA_F
ClientSampleId : SU-03-052219-A

Tgt Ion: 75 Resp: 2967

Ion	Ratio	Lower	Upper
75	100		
53	18.4	46.9	70.3#
89	0.0	36.4	54.6#

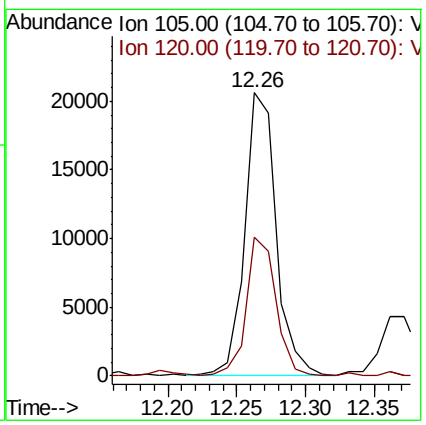


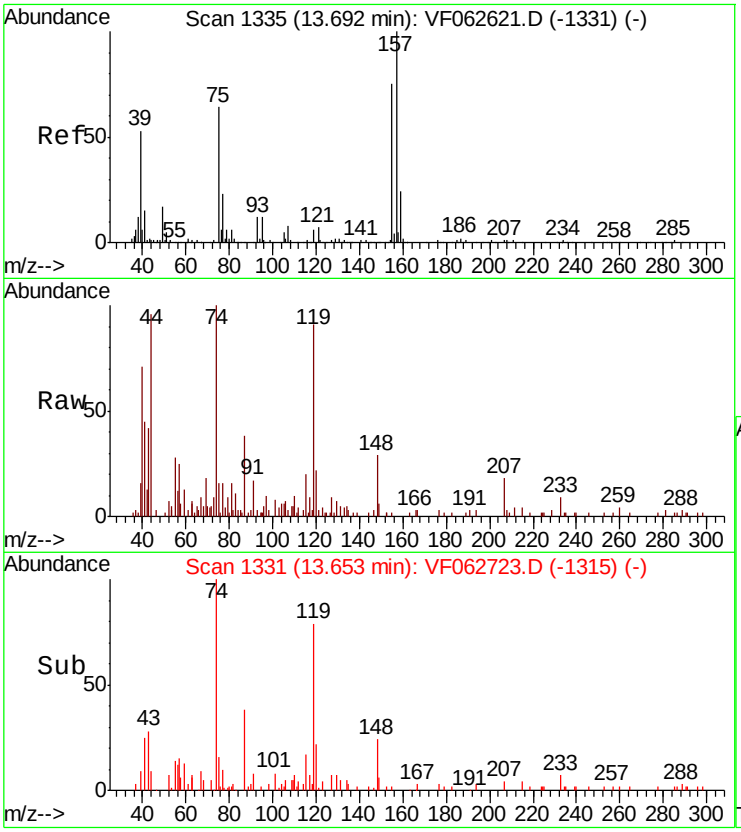


#84
1,2,4-Trimethylbenzene
Concen: 1.760 ug/l
RT: 12.26 min Scan# 1190
Delta R.T. -0.01 min
Lab File: VF062723.D
Acq: 23 May 2019 13:33

Tgt Ion:105 Resp: 32960

Ion	Ratio	Lower	Upper
105	100		
120	49.1	26.7	80.1



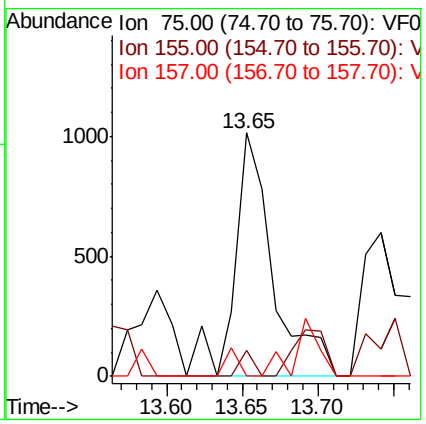


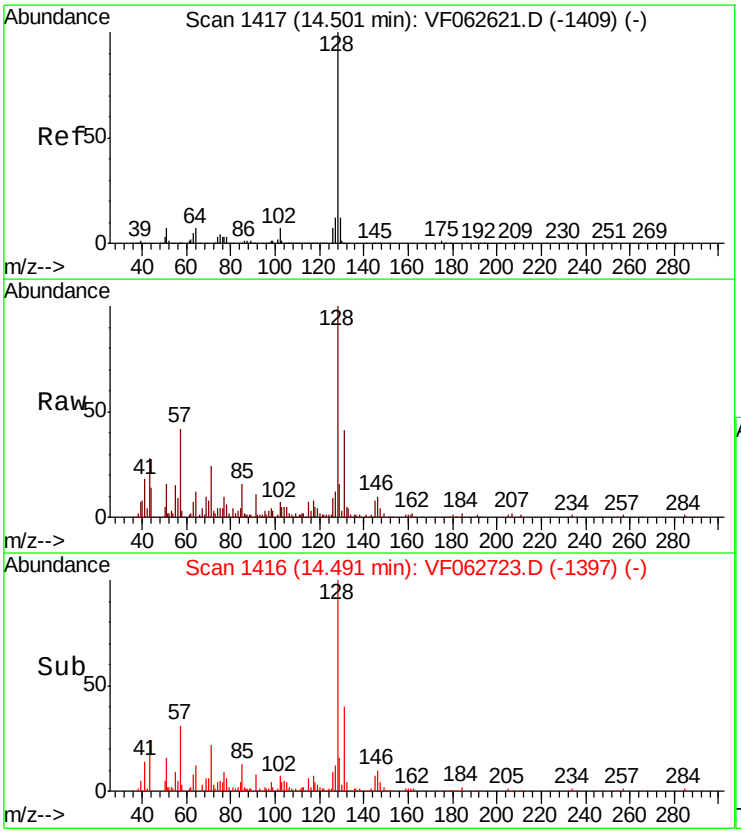
#92
1,2-Dibromo-3-Chloropropane
Concen: 3.063 ug/l
RT: 13.65 min Scan# 1331
Delta R.T. -0.04 min
Lab File: VF062723.D
Acq: 23 May 2019 13:33

Instrument :
MSVOA_F
ClientSampleId :
SU-03-052219-A

Tgt Ion: 75 Resp: 1802

Ion	Ratio	Lower	Upper
75	100		
155	10.7	58.1	174.3#
157	0.0	77.8	233.4#





#95
Naphthalene
Concen: 4.550 ug/l
RT: 14.49 min Scan# 1416
Delta R.T. -0.01 min
Lab File: VF062723.D
Acq: 23 May 2019 13:33

Tgt Ion:128 Resp: 57238

Ion	Ratio	Lower	Upper
128	100		
127	12.0	9.7	14.5
129	16.2	9.3	13.9#