Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF042319\
Data File : VF062263.D
Acq On : 23 Apr 2019 14:56
Operator : FY/SY
Sample : K2202-01
Misc : 6.59g/5mL/MSVOA_F/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId :

Quant Time: Apr 24 04:37:15 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82F041719S.M
Quant Title : SW846 8260
QLast Update : Fri Apr 19 23:52:01 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.06	168	312405	50.00	ug/l	0.03
34) 1,4-Difluorobenzene	5.78	114	402505	50.00	ug/l	0.02
63) Chlorobenzene-d5	9.91	117	312855	50.00	ug/l	0.02
72) 1,4-Dichlorobenzene-d4	12.61	152	167333	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.04	65	166471	58.11	ug/l	0.03
Spiked Amount 50.000			Recovery = 116.22%			
35) Dibromofluoromethane	4.31	113	208372	59.18	ug/l	0.02
Spiked Amount 50.000			Recovery = 118.36%			
50) Toluene-d8	7.71	98	467454	52.45	ug/l	0.02
Spiked Amount 50.000			Recovery = 104.90%			
62) 4-Bromofluorobenzene	11.50	95	193972	56.57	ug/l	0.02
Spiked Amount 50.000			Recovery = 113.14%			
Target Compounds						Qvalue
11) Tert butyl alcohol	2.69	59	1477	7.418	ug/l #	42
13) Acrolein	2.09	56	713	Below Cal	#	5
15) Acrylonitrile	3.10	53	1893	3.121	ug/l #	76
16) Acetone	2.35	43	7900	11.538	ug/l #	75
18) Methyl Acetate	2.48	43	4091	Below Cal	#	59
20) Methylene Chloride	2.33	84	31077	3.406	ug/l	93
25) 2-Butanone	4.55	43	3780	2.761	ug/l	94
29) Tetrahydrofuran	4.28	42	1161	1.873	ug/l #	34
43) Isopropyl Acetate	7.12	43	6830	2.852	ug/l #	78
48) Methyl methacrylate	6.90	41	1745	1.109	ug/l	89
49) 1,4-Dioxane	6.90	88	383	21.217	ug/l #	1
51) 4-Methyl-2-Pentanone	8.40	43	21784	12.229	ug/l	92
56) Ethyl methacrylate	8.76	69	6156	2.897	ug/l #	93
59) 2-Hexanone	9.64	43	23897	21.637	ug/l	99
74) N-amyl acetate	11.45	43	19243	3.604	ug/l #	93
81) trans-1,4-Dichloro-2-buten	11.96	75	950	1.095	ug/l #	49
89) n-Butylbenzene	12.90	91	5845	Below Cal		80
95) Naphthalene	14.50	128	22686	2.811	ug/l	100

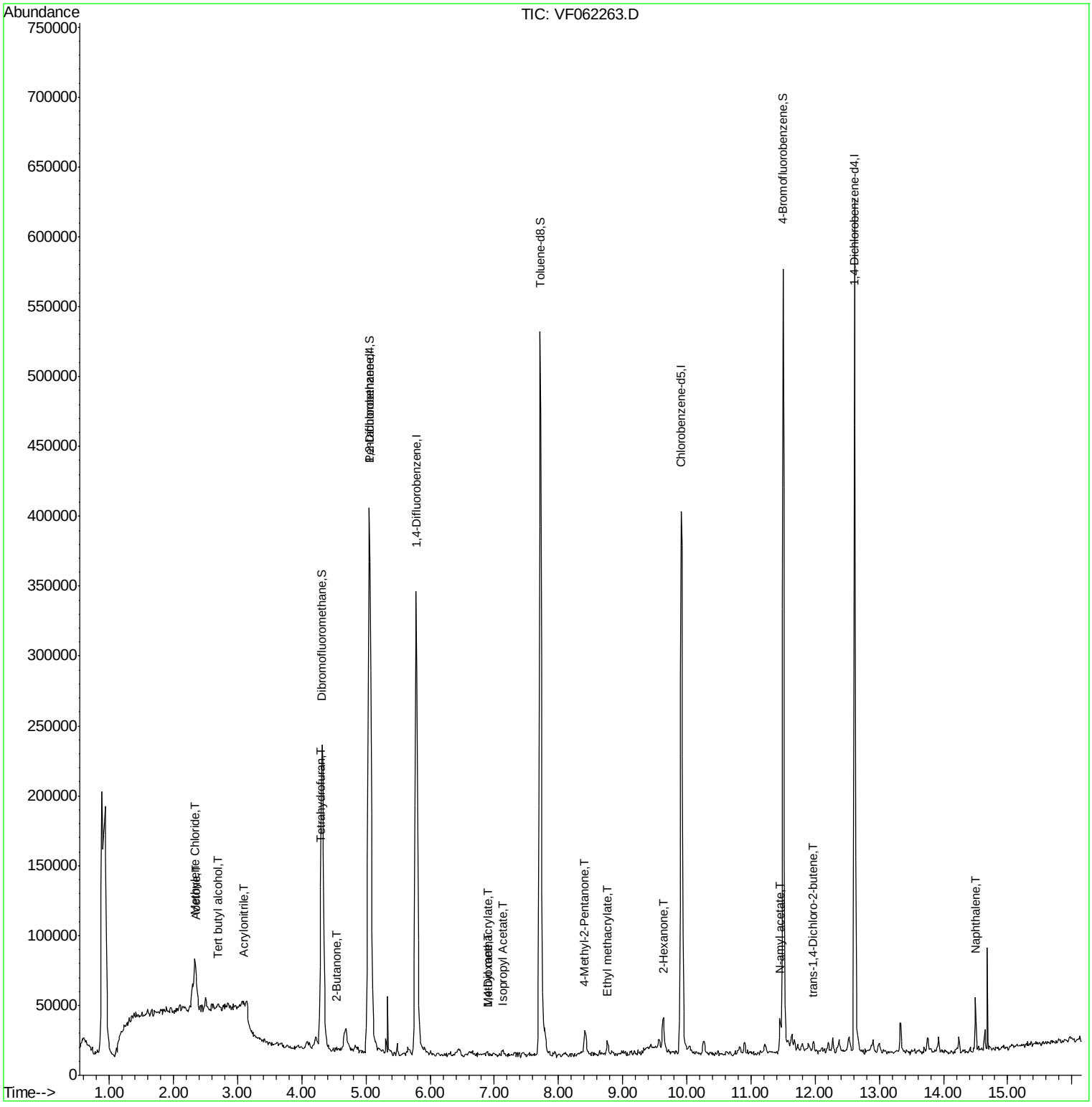
(#) = qualifier out of range (m) = manual integration (+) = signals summed

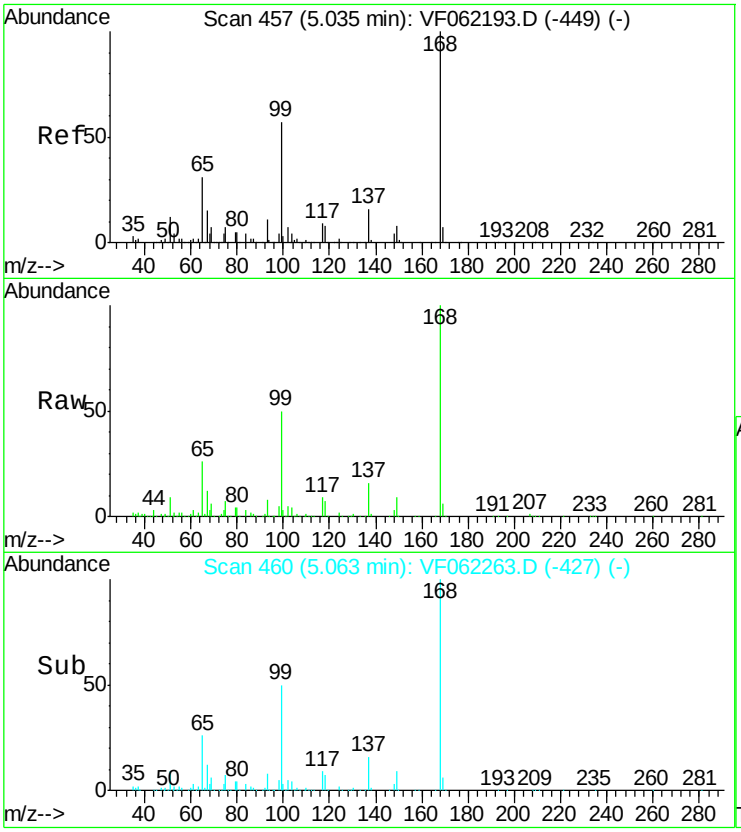
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF042319\
Data File : VF062263.D
Acq On : 23 Apr 2019 14:56
Operator : FY/SY
Sample : K2202-01
Misc : 6.59g/5mL/MSVOA F/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :

Quant Time: Apr 24 04:37:15 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82F041719S.M
Quant Title : SW846 8260
QLast Update : Fri Apr 19 23:52:01 2019
Response via : Initial Calibration



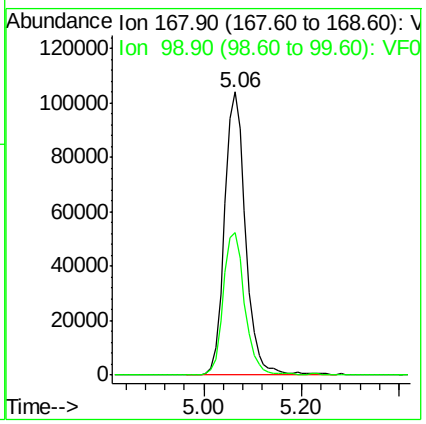


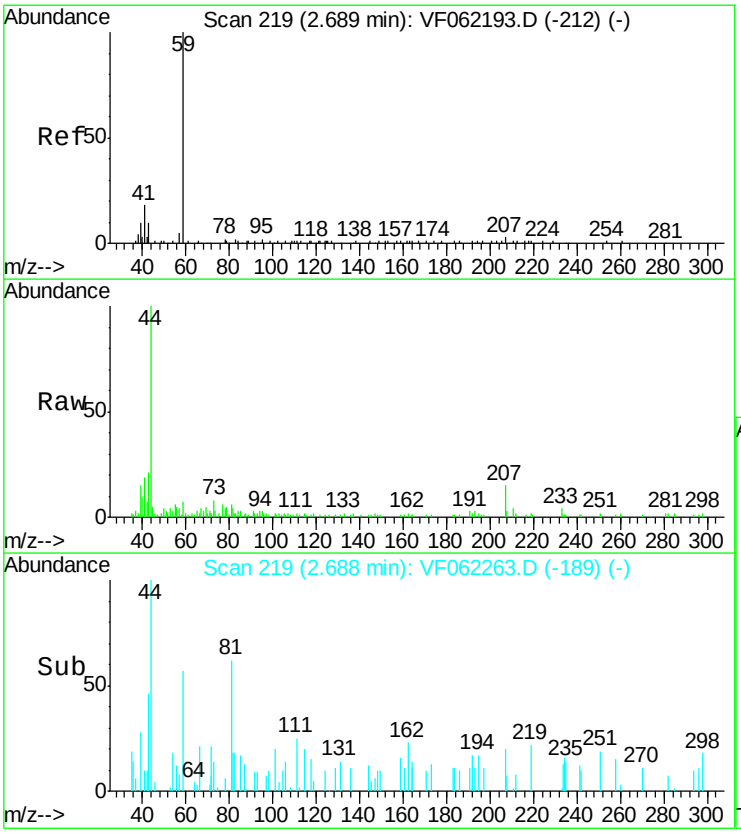
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.06 min Scan# 460
Delta R.T. 0.03 min
Lab File: VF062263.D
Acq: 23 Apr 2019 14:56

Instrument : MSVOA_F
ClientSampleId :

Tgt Ion:168 Resp: 312405

Ion	Ratio	Lower	Upper
168	100		
99	50.3	45.5	68.3

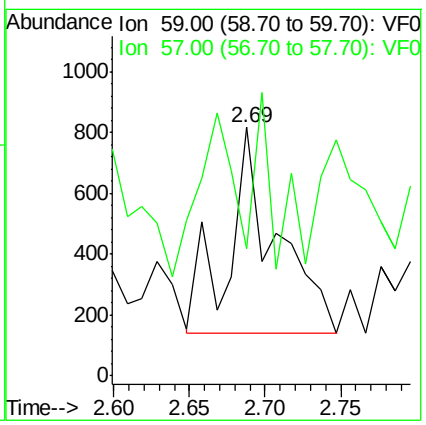


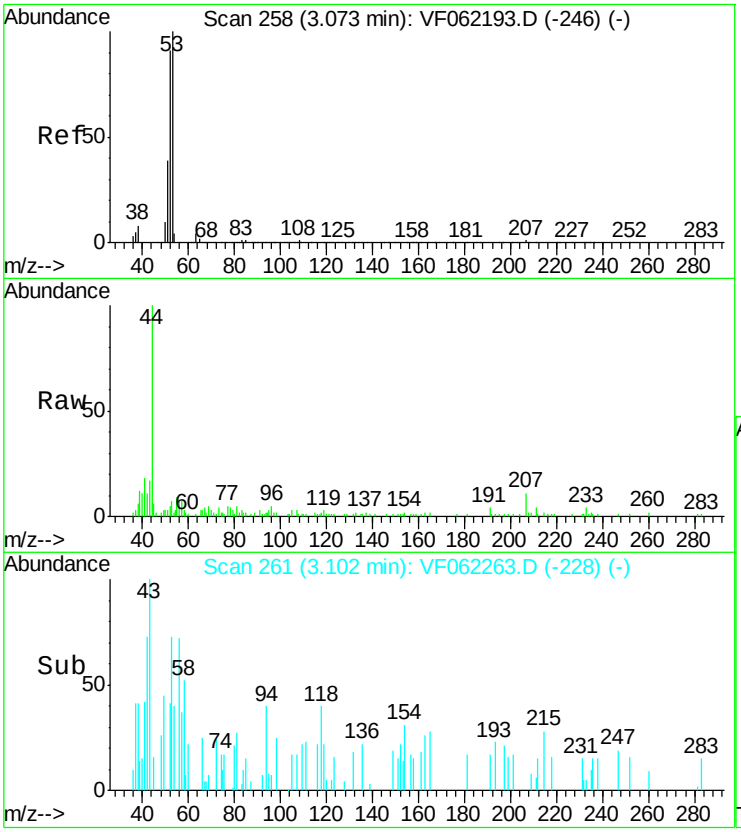


#11
Tert butyl alcohol
Concen: 7.418 ug/l
RT: 2.69 min Scan# 219
Delta R.T. -0.00 min
Lab File: VF062263.D
Acq: 23 Apr 2019 14:56

Tgt Ion: 59 Resp: 1477

Ion	Ratio	Lower	Upper
59	100		
57	34.0	9.3	13.9#



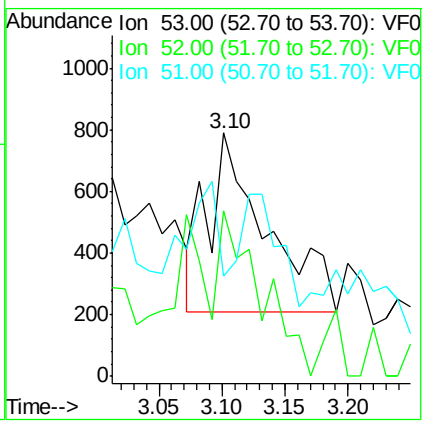


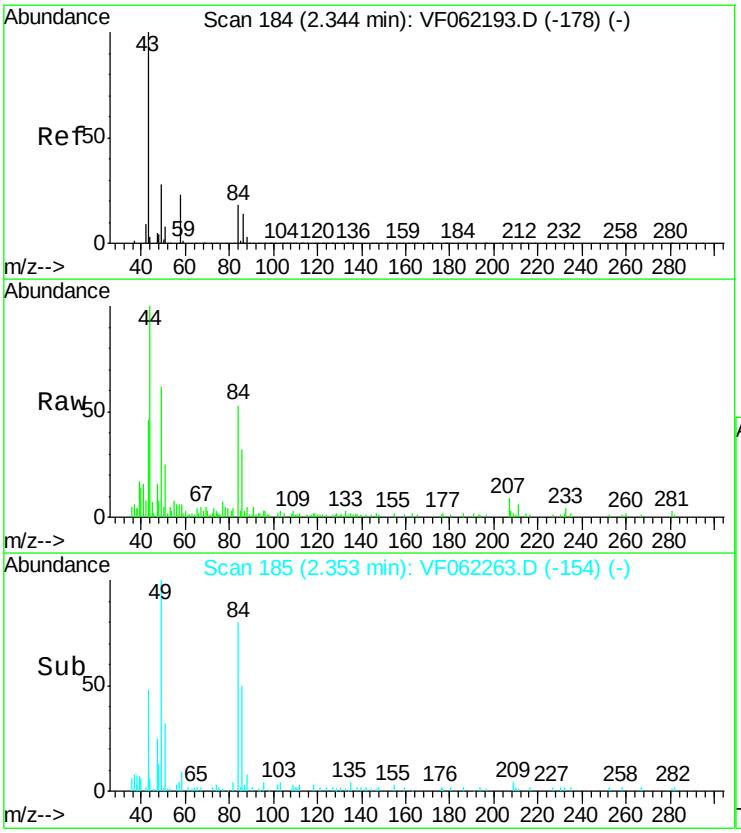
#15
Acrylonitrile
Concen: 3.121 ug/l
RT: 3.10 min Scan# 261
Delta R.T. 0.03 min
Lab File: VF062263.D
Acq: 23 Apr 2019 14:56

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 53 Resp: 1893

Ion	Ratio	Lower	Upper
53	100		
52	65.2	69.5	104.3#
51	25.1	31.8	47.8#

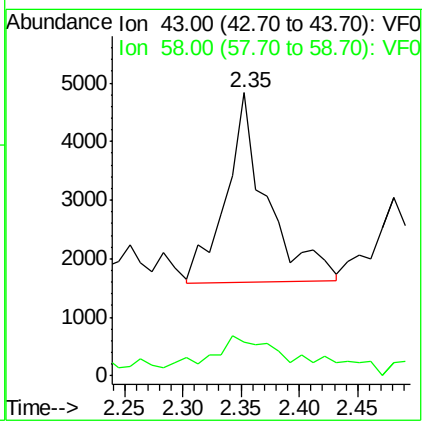


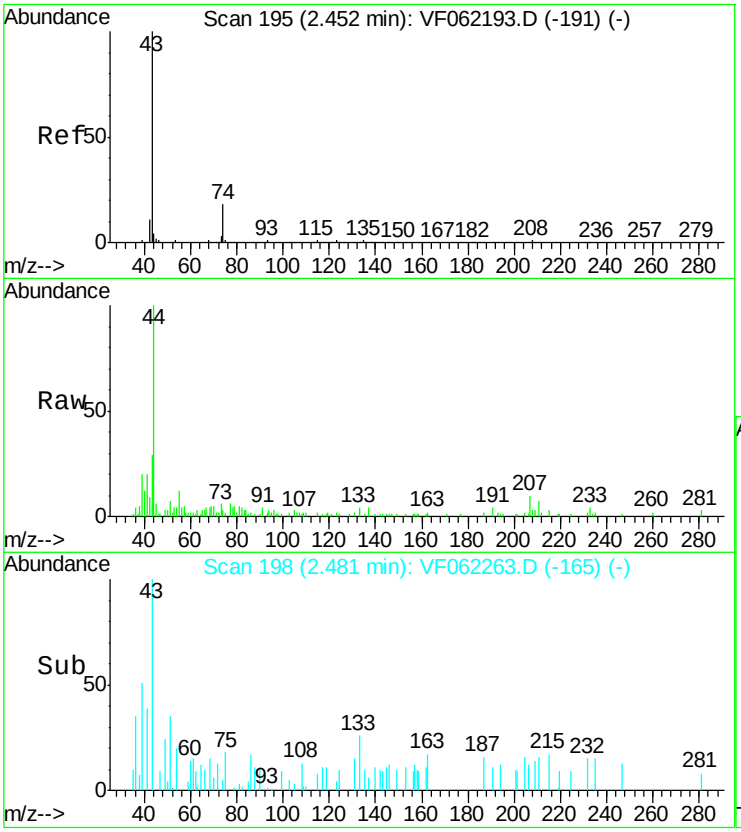


#16
Acetone
Concen: 11.538 ug/l
RT: 2.35 min Scan# 185
Delta R.T. 0.01 min
Lab File: VF062263.D
Acq: 23 Apr 2019 14:56

Tgt Ion: 43 Resp: 7900

Ion	Ratio	Lower	Upper
43	100		
58	11.2	18.8	28.2#



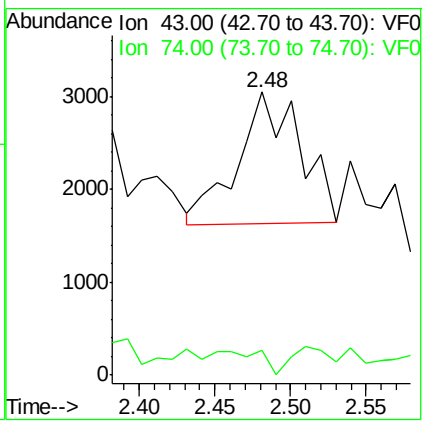


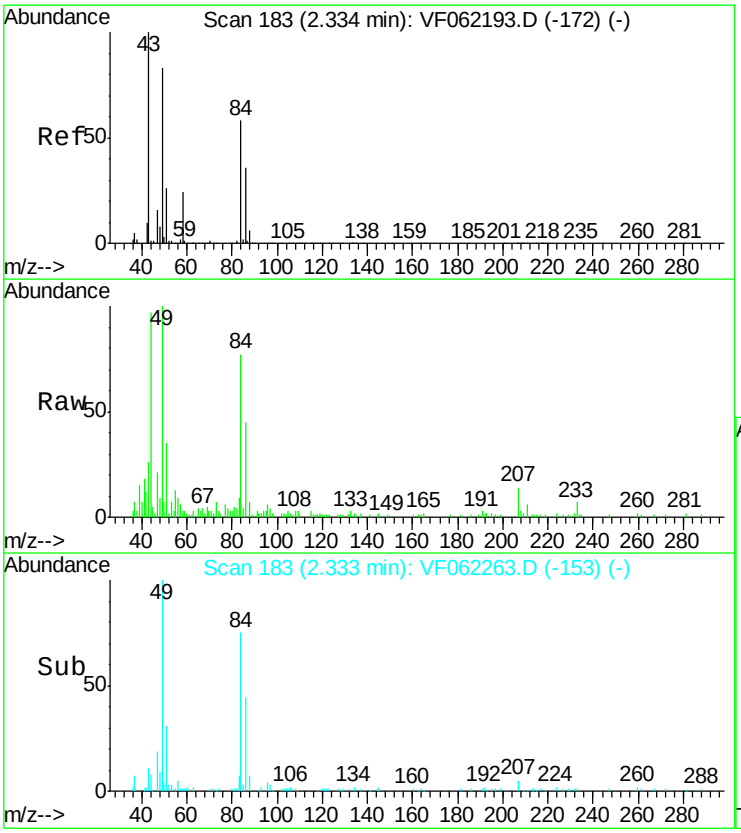
#18
Methyl Acetate
Concen: Below Cal
RT: 2.48 min Scan# 198
Delta R.T. 0.03 min
Lab File: VF062263.D
Acq: 23 Apr 2019 14:56

Instrument : MSVOA_F
ClientSampleId :

Tgt Ion: 43 Resp: 4091

Ion	Ratio	Lower	Upper
43	100		
74	0.0	14.5	21.7#

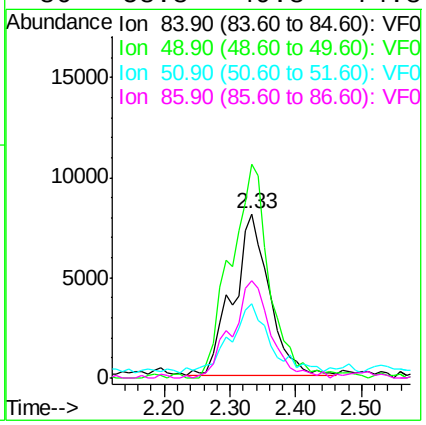


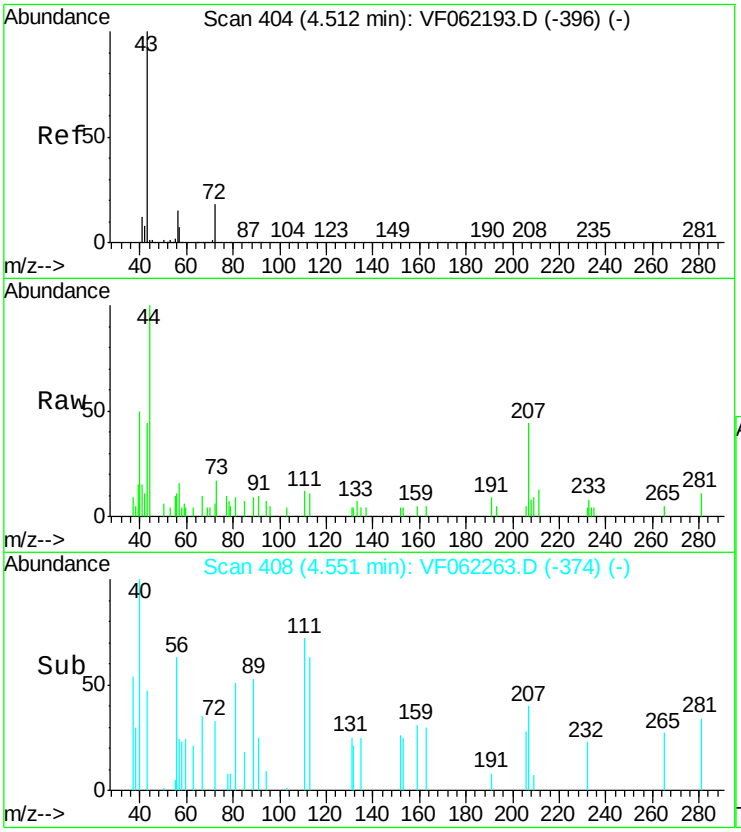


#20
Methylene Chloride
Concen: 3.406 ug/l
RT: 2.33 min Scan# 183
Delta R.T. -0.00 min
Lab File: VF062263.D
Acq: 23 Apr 2019 14:56

Tgt Ion: 84 Resp: 31077

Ion	Ratio	Lower	Upper
84	100		
49	132.5	114.0	171.0
51	40.8	37.0	55.4
86	58.8	49.8	74.8



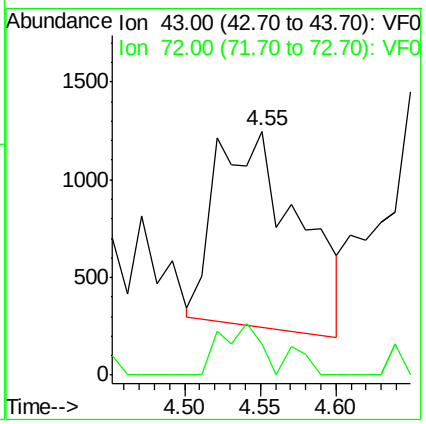


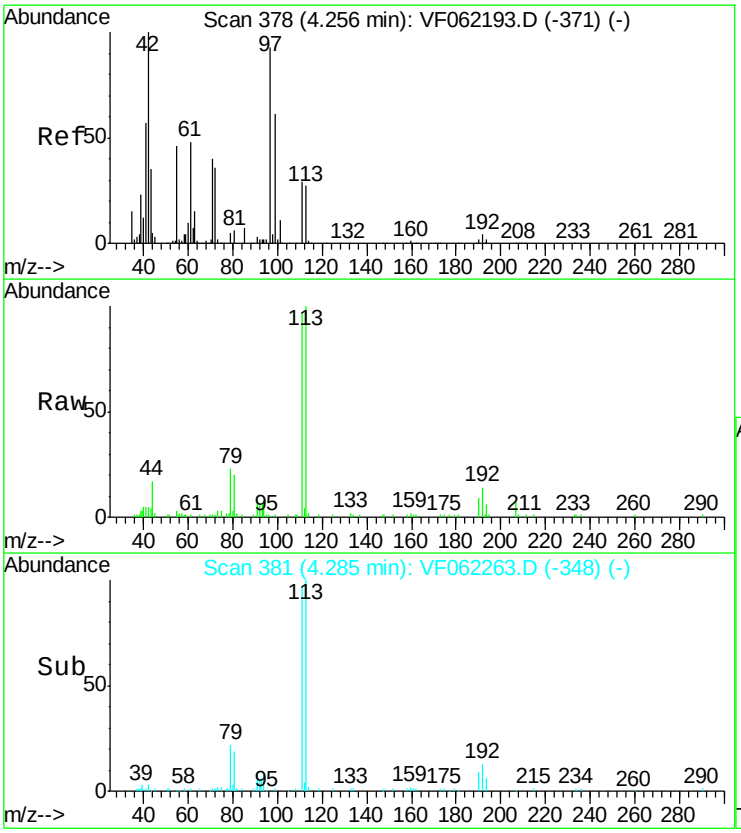
#25
2-Butanone
Concen: 2.761 ug/l
RT: 4.55 min Scan# 408
Delta R.T. 0.04 min
Lab File: VF062263.D
Acq: 23 Apr 2019 14:56

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 43 Resp: 3780

Ion	Ratio	Lower	Upper
43	100		
72	17.5	16.1	24.1

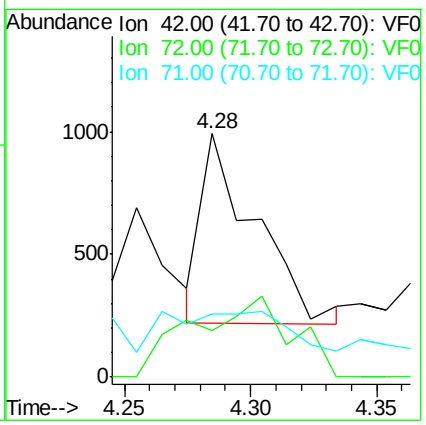


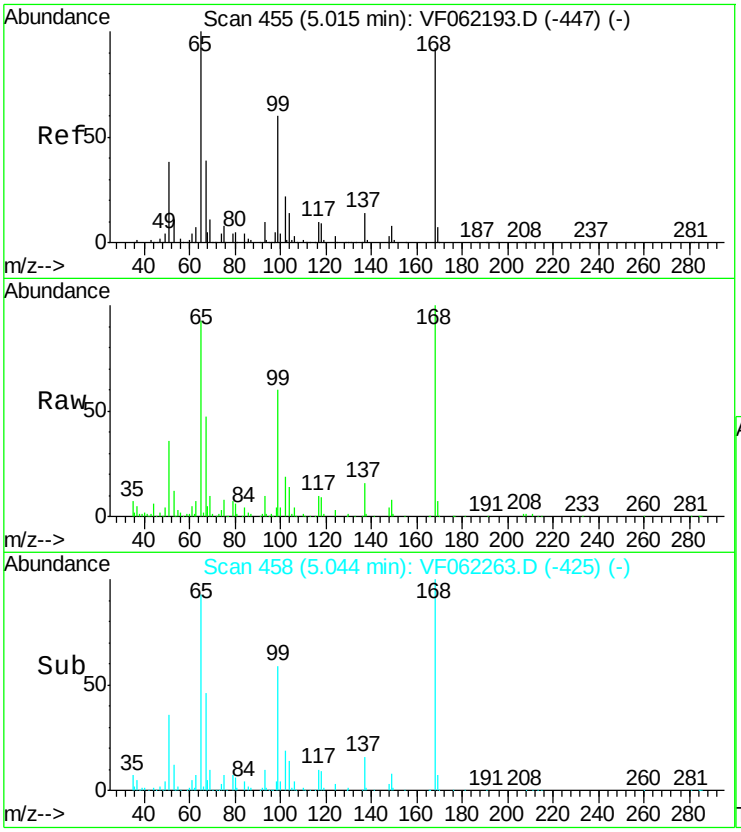


#29
Tetrahydrofuran
Concen: 1.873 ug/l
RT: 4.28 min Scan# 381
Delta R.T. 0.03 min
Lab File: VF062263.D
Acq: 23 Apr 2019 14:56

Tgt Ion: 42 Resp: 1161

Ion	Ratio	Lower	Upper
42	100		
72	77.1	28.6	43.0#
71	0.0	29.2	43.8#



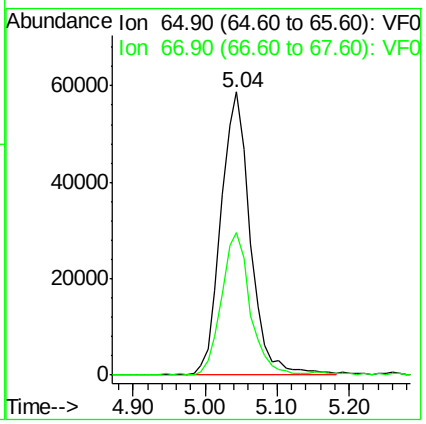


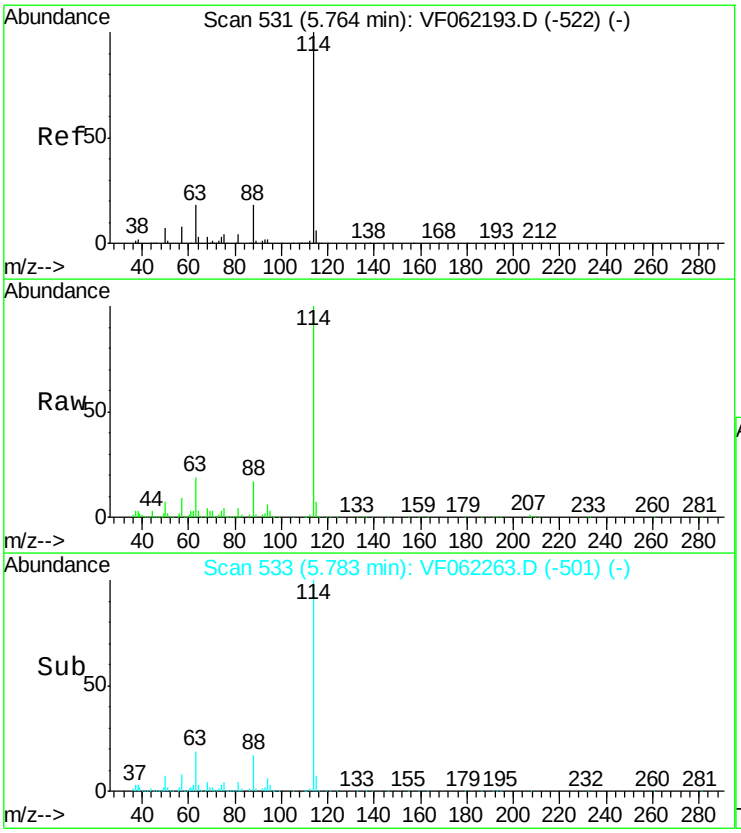
#33
1,2-Dichloroethane-d4
Concen: Below ug/l
RT: 5.04 min Scan# 458
Delta R.T. 0.03 min
Lab File: VF062263.D
Acq: 23 Apr 2019 14:56

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 65 Resp: 166471

Ion	Ratio	Lower	Upper
65	100		
67	48.0	0.0	109.4

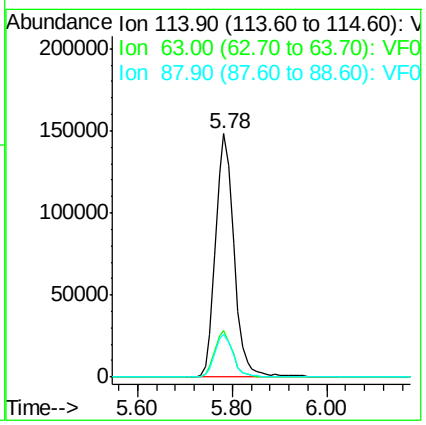


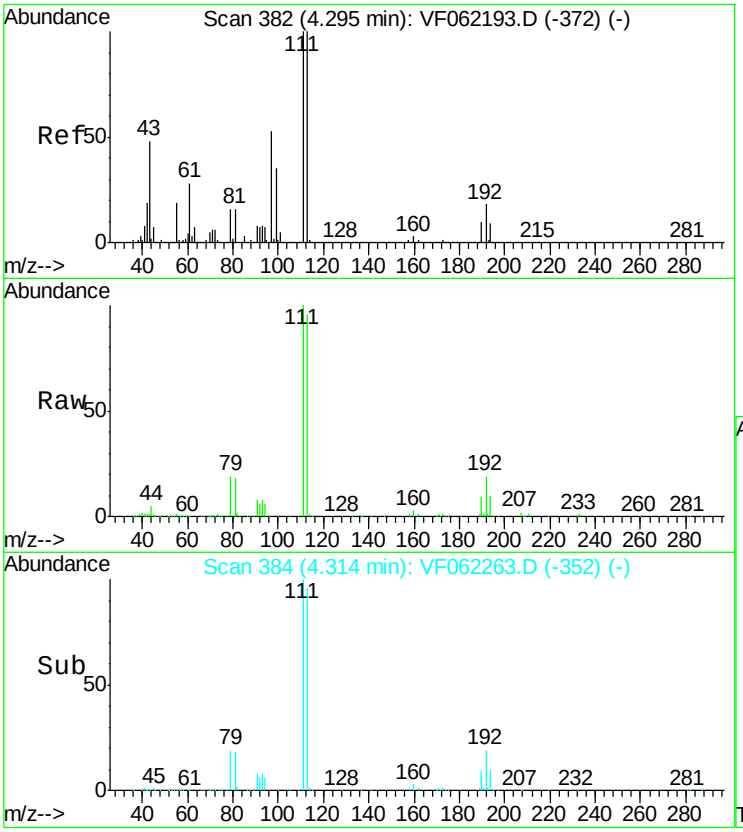


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.78 min Scan# 533
Delta R.T. 0.02 min
Lab File: VF062263.D
Acq: 23 Apr 2019 14:56

Tgt Ion:114 Resp: 402505

Ion	Ratio	Lower	Upper
114	100		
63	19.1	0.0	36.6
88	17.4	0.0	35.8



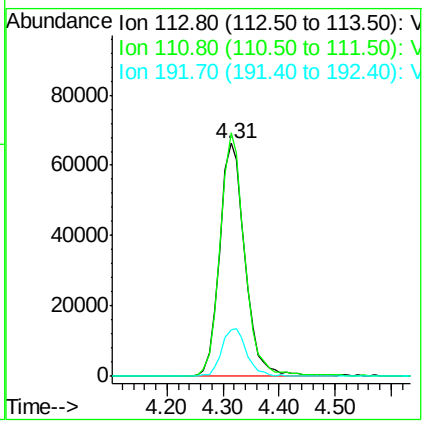


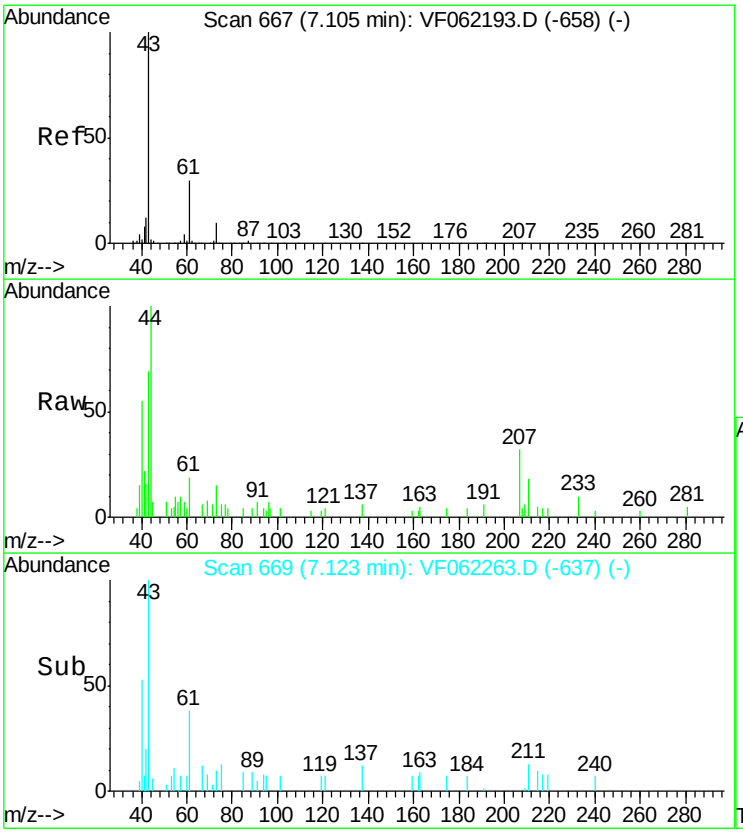
#35
Dibromofluoromethane
Concen: 50.000 ug/l
RT: 4.31 min Scan# 384
Delta R.T. 0.02 min
Lab File: VF062263.D
Acq: 23 Apr 2019 14:56

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion:113 Resp: 208372

Ion	Ratio	Lower	Upper
113	100		
111	100.9	81.1	121.7
192	20.3	14.7	22.1

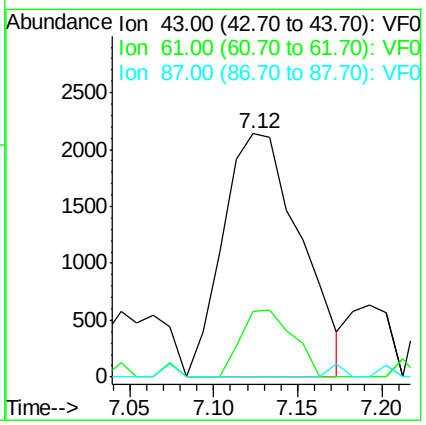


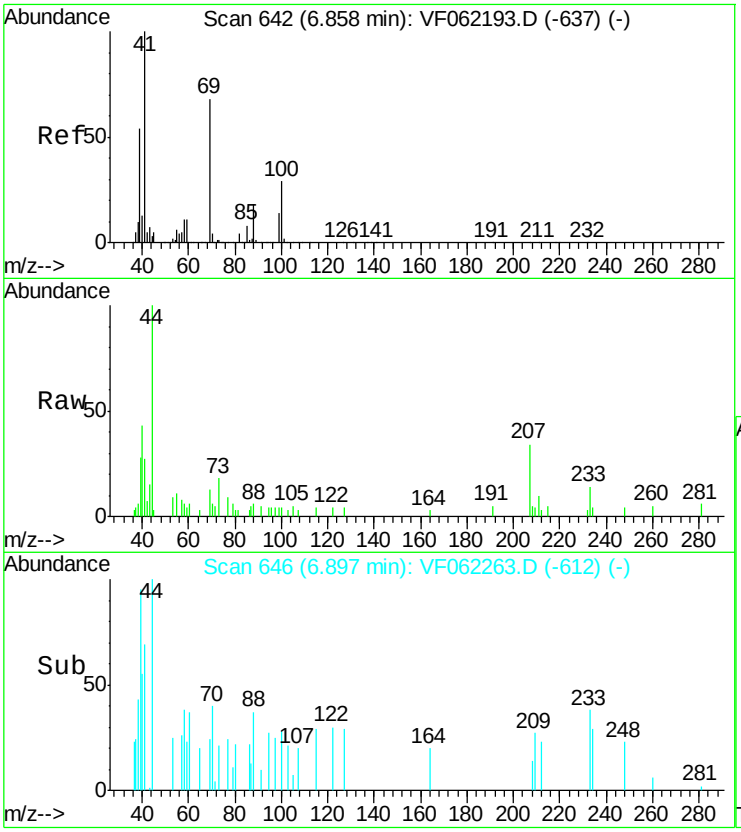


#43
Isopropyl Acetate
Concen: 2.852 ug/l
RT: 7.12 min Scan# 669
Delta R.T. 0.02 min
Lab File: VF062263.D
Acq: 23 Apr 2019 14:56

Tgt Ion: 43 Resp: 6830

Ion	Ratio	Lower	Upper
43	100		
61	18.5	24.4	36.6#
87	0.0	0.4	0.6#



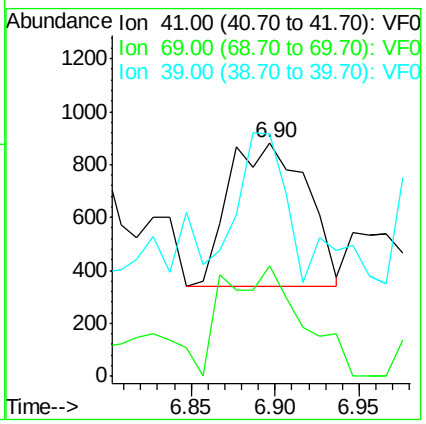


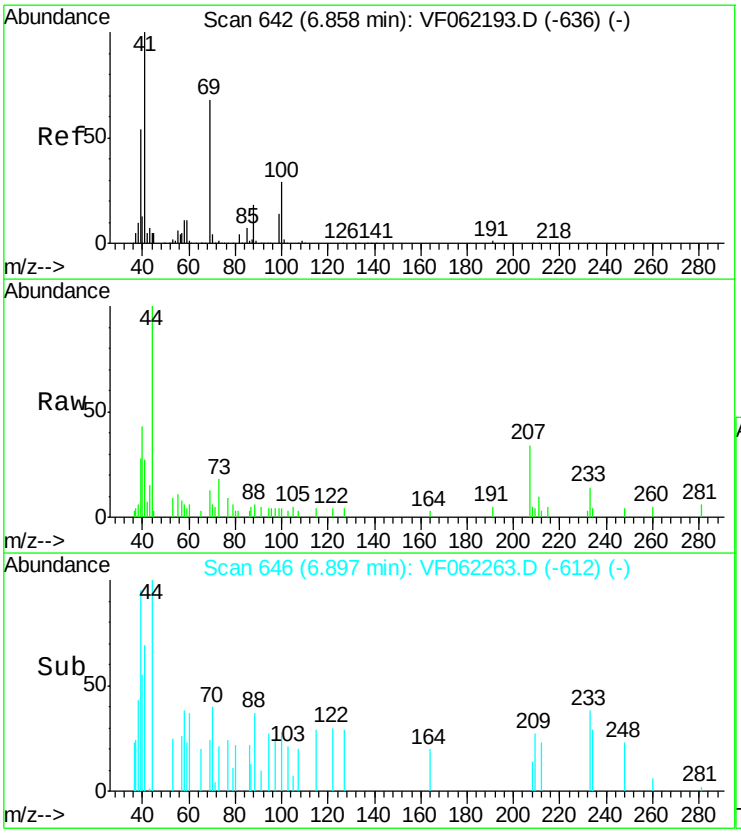
#48
Methyl methacrylate
Concen: 1.109 ug/l
RT: 6.90 min Scan# 646
Delta R.T. 0.04 min
Lab File: VF062263.D
Acq: 23 Apr 2019 14:56

Instrument : MSVOA_F
ClientSampleId :

Tgt Ion: 41 Resp: 1745

Ion	Ratio	Lower	Upper
41	100		
69	75.9	54.9	82.3
39	64.0	43.6	65.4

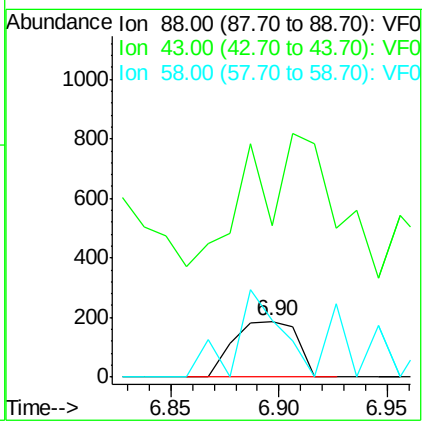


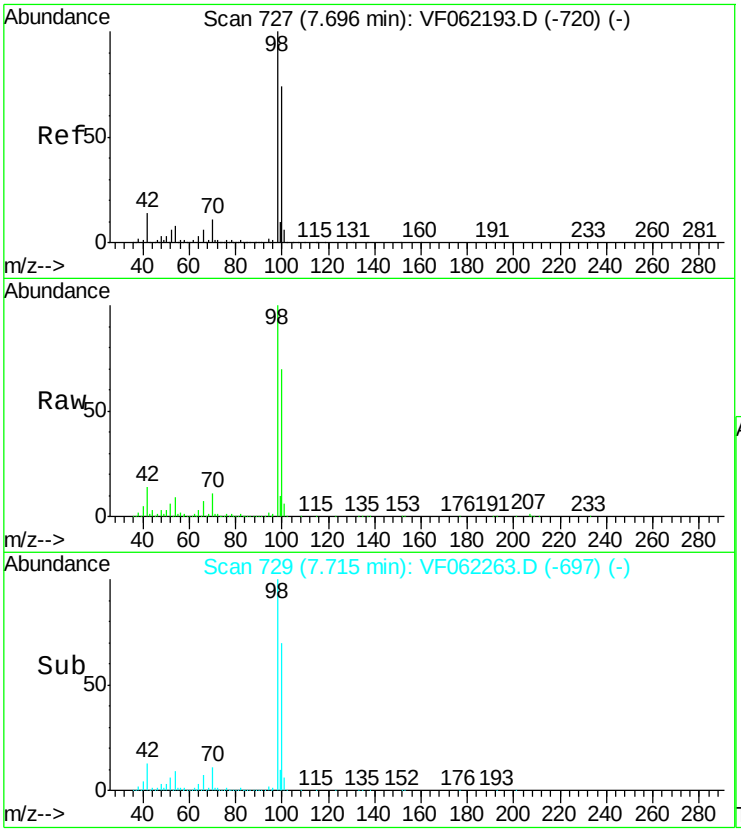


#49
1,4-Dioxane
Concen: 21.217 ug/l
RT: 6.90 min Scan# 646
Delta R.T. 0.04 min
Lab File: VF062263.D
Acq: 23 Apr 2019 14:56

Tgt Ion: 88 Resp: 383

Ion	Ratio	Lower	Upper
88	100		
43	342.0	36.9	55.3#
58	112.5	56.8	85.2#



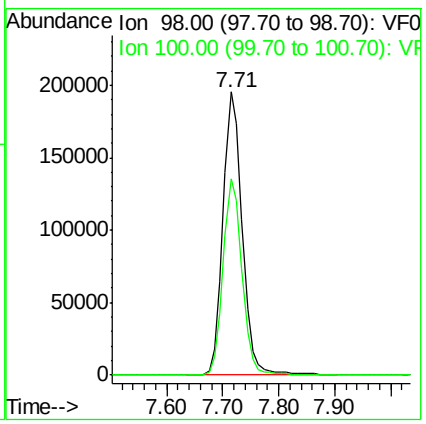


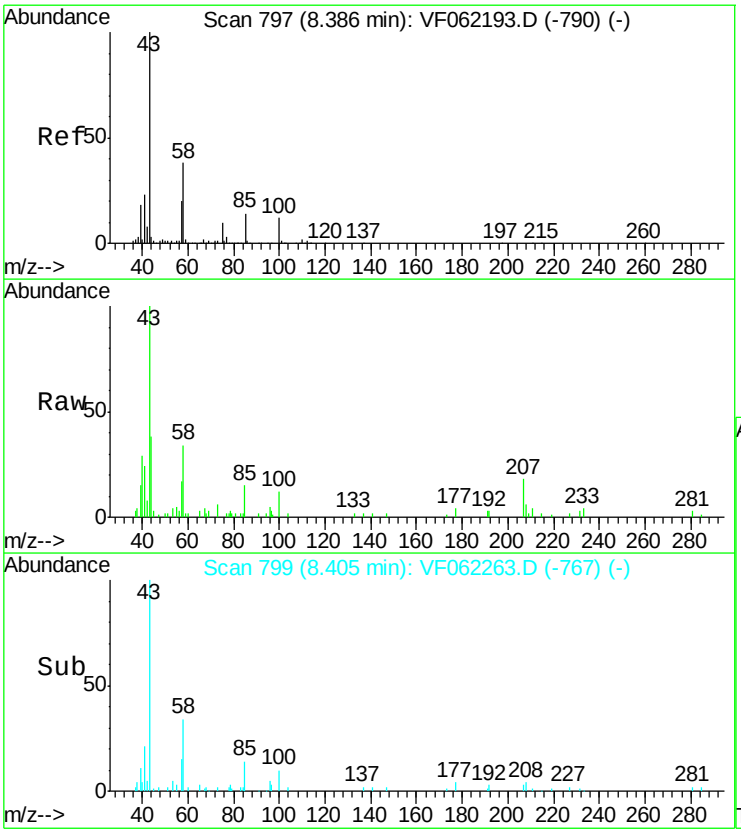
#50
Toluene-d8
Concen: 21.217 ug/l
RT: 7.71 min Scan# 729
Delta R.T. 0.02 min
Lab File: VF062263.D
Acq: 23 Apr 2019 14:56

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 98 Resp: 467454

Ion	Ratio	Lower	Upper
98	100		
100	68.5	56.2	84.2

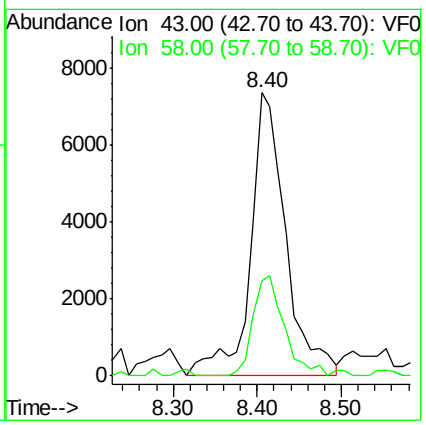


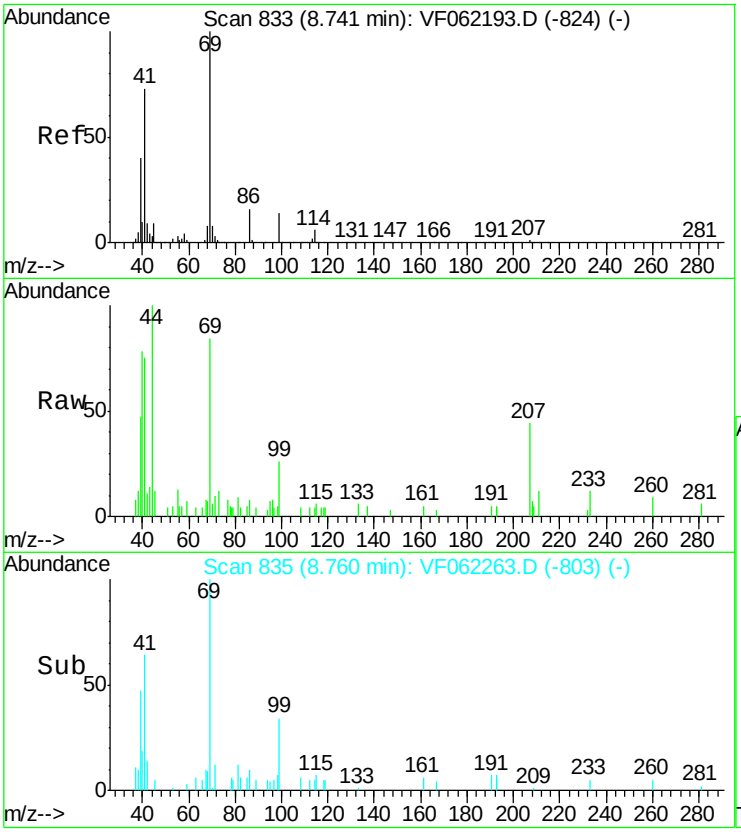


#51
4-Methyl-2-Pentanone
Concen: 12.229 ug/l
RT: 8.40 min Scan# 799
Delta R.T. 0.02 min
Lab File: VF062263.D
Acq: 23 Apr 2019 14:56

Tgt Ion: 43 Resp: 21784

Ion	Ratio	Lower	Upper
43	100		
58	31.8	29.3	43.9



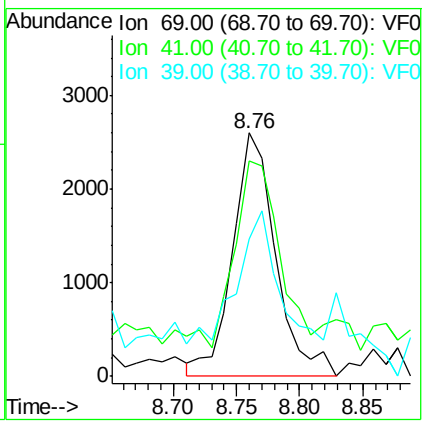


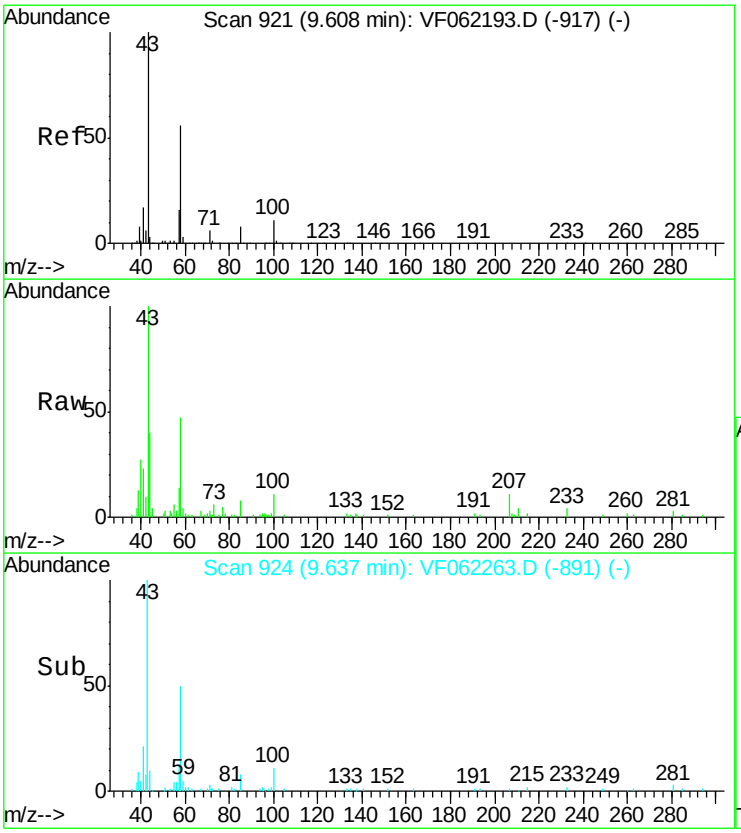
#56
Ethyl methacrylate
Concen: 2.897 ug/l
RT: 8.76 min Scan# 835
Delta R.T. 0.02 min
Lab File: VF062263.D
Acq: 23 Apr 2019 14:56

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 69 Resp: 6156

Ion	Ratio	Lower	Upper
69	100		
41	75.1	61.5	92.3
39	52.0	33.3	49.9#

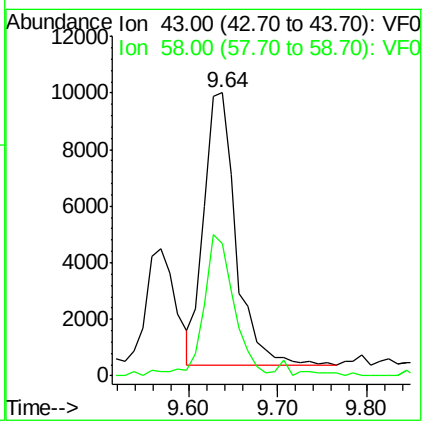


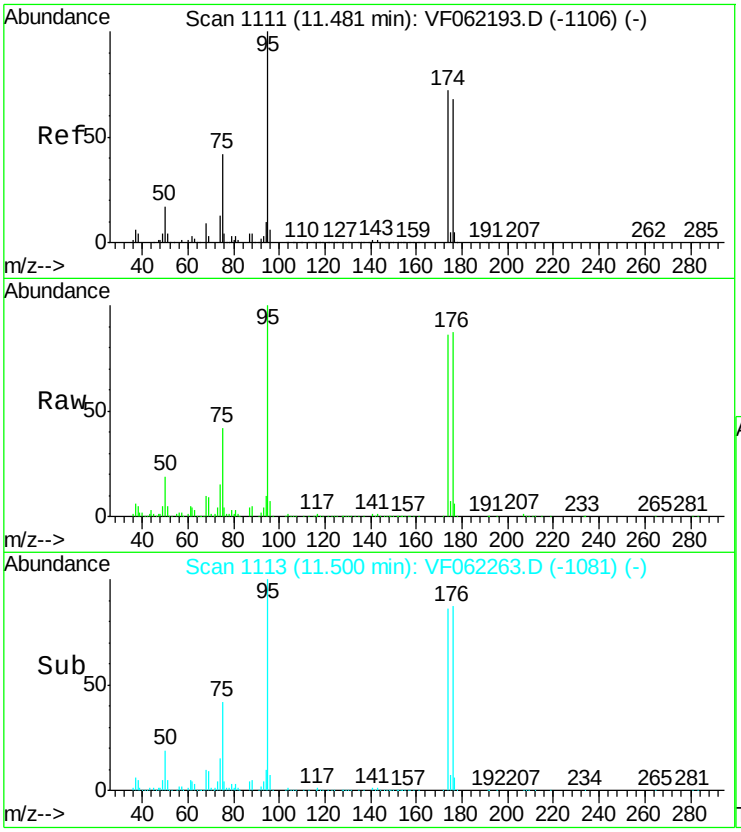


#59
2-Hexanone
Concen: 21.637 ug/l
RT: 9.64 min Scan# 924
Delta R.T. 0.03 min
Lab File: VF062263.D
Acq: 23 Apr 2019 14:56

Tgt Ion: 43 Resp: 23897

Ion	Ratio	Lower	Upper
43	100		
58	49.7	24.6	74.0



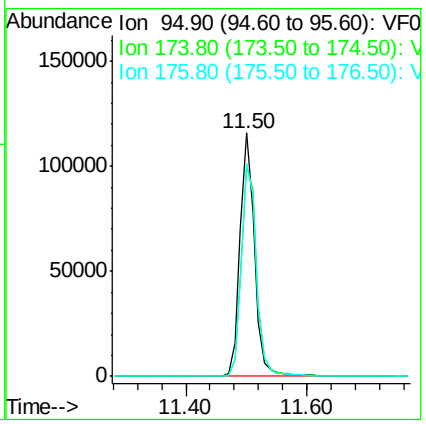


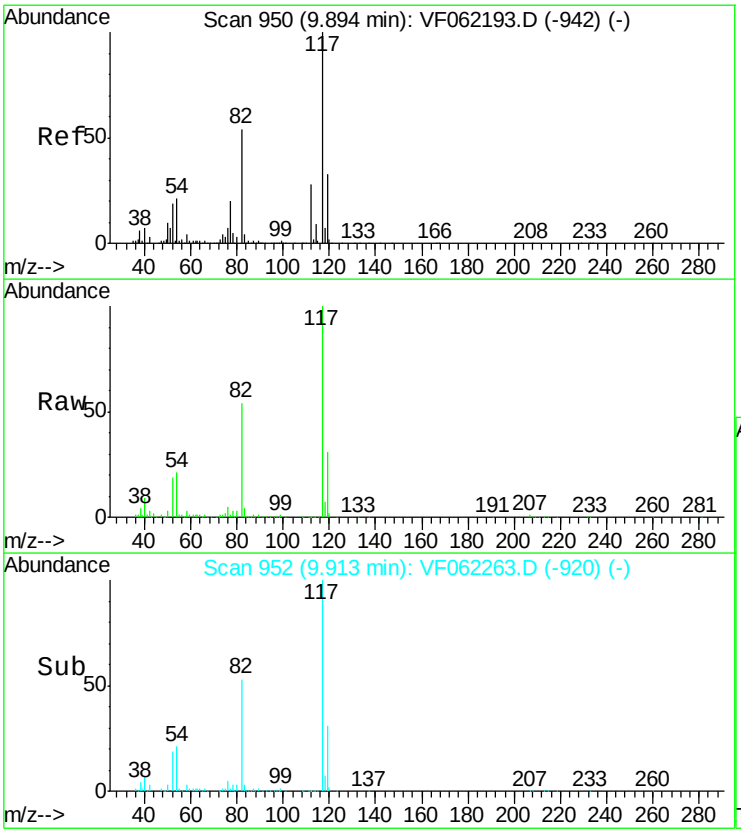
#62
4-Bromofluorobenzene
Concen: Below ug/l
RT: 11.50 min Scan# 1113
Delta R.T. 0.02 min
Lab File: VF062263.D
Acq: 23 Apr 2019 14:56

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 95 Resp: 193972

Ion	Ratio	Lower	Upper
95	100		
174	90.7	0.0	159.4
176	89.4	0.0	155.4

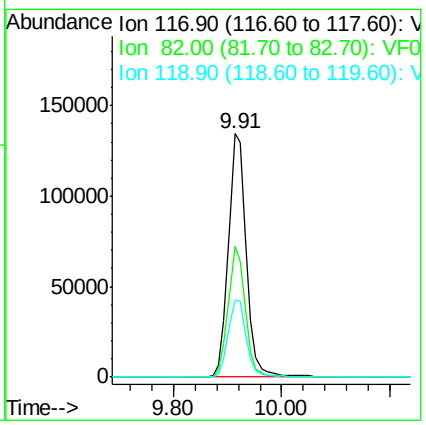


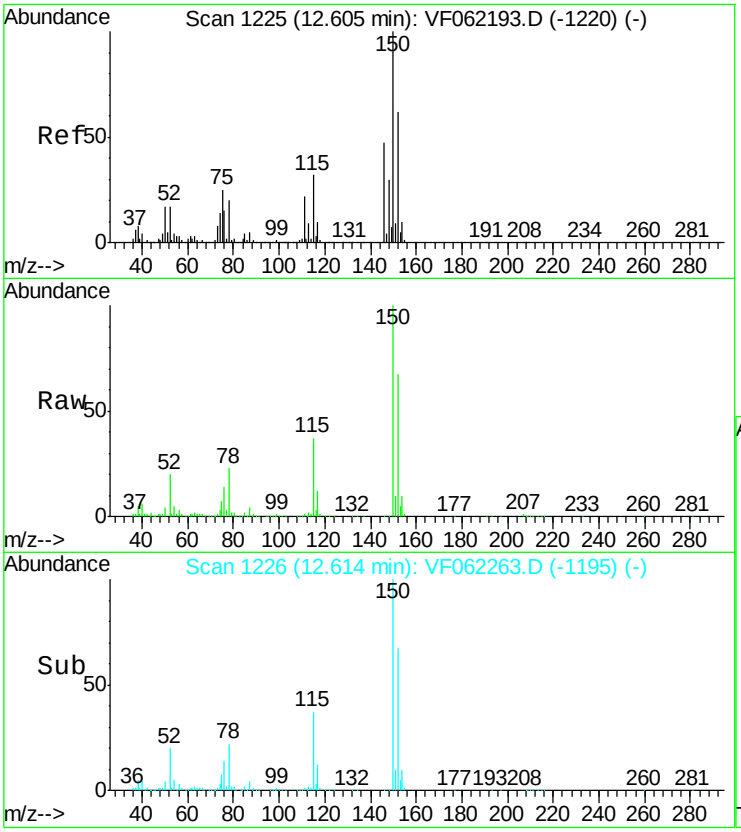


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.91 min Scan# 952
Delta R.T. 0.02 min
Lab File: VF062263.D
Acq: 23 Apr 2019 14:56

Tgt Ion:117 Resp: 312855

Ion	Ratio	Lower	Upper
117	100		
82	53.6	43.2	64.8
119	31.4	26.2	39.4



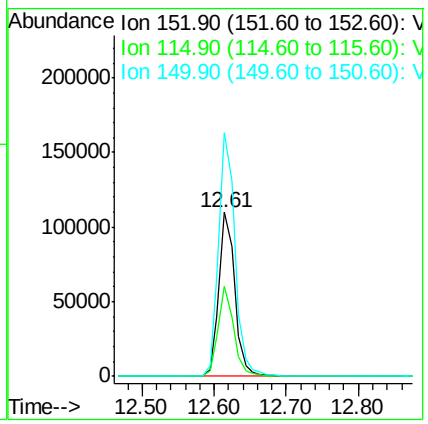


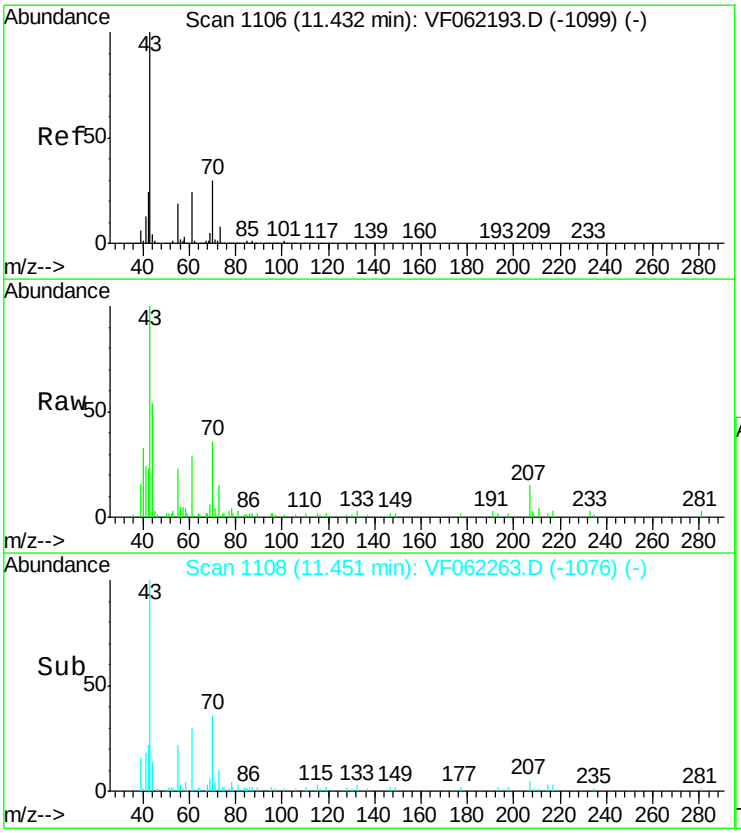
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.61 min Scan# 1226
Delta R.T. 0.01 min
Lab File: VF062263.D
Acq: 23 Apr 2019 14:56

Instrument : MSVOA_F
ClientSampleId :

Tgt Ion:152 Resp: 167333

Ion	Ratio	Lower	Upper
152	100		
115	53.4	27.8	83.3
150	152.2	0.0	341.8

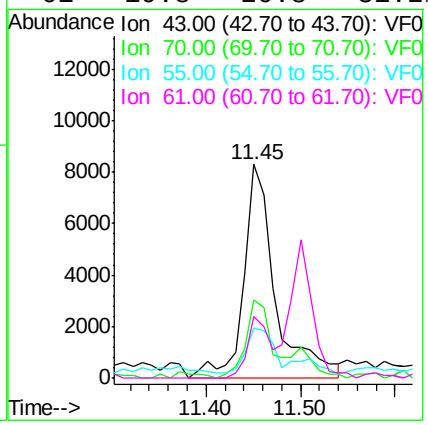


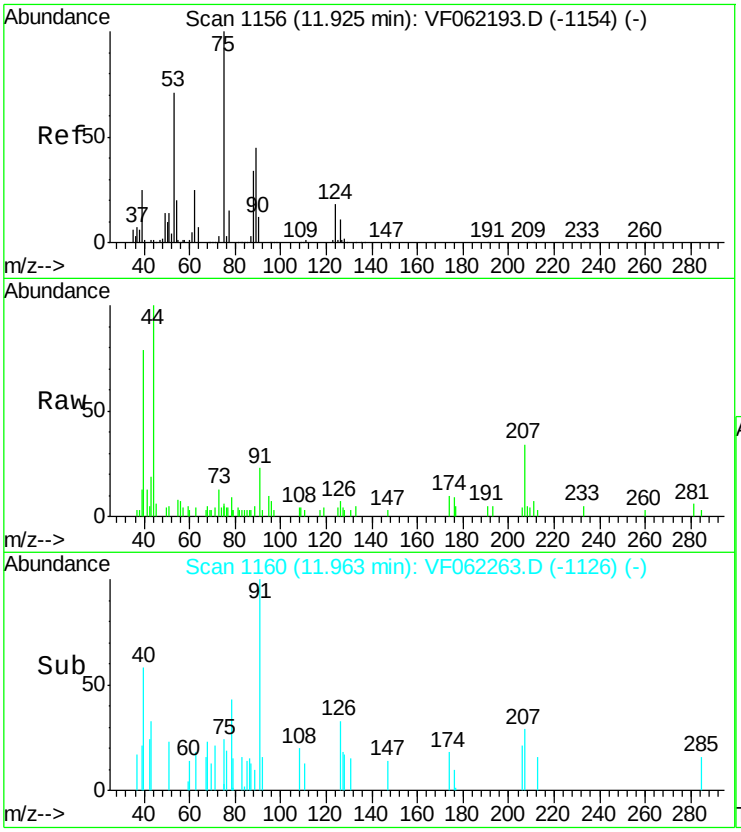


#74
N-amyl acetate
Concen: 3.604 ug/l
RT: 11.45 min Scan# 1108
Delta R.T. 0.02 min
Lab File: VF062263.D
Acq: 23 Apr 2019 14:56

Tgt Ion: 43 Resp: 19243

Ion	Ratio	Lower	Upper
43	100		
70	30.6	27.0	40.4
55	20.1	15.7	23.5
61	19.8	20.8	31.2#



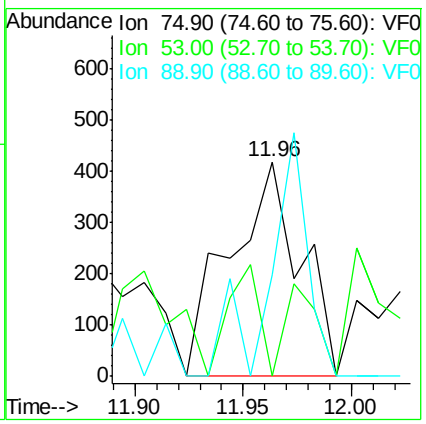


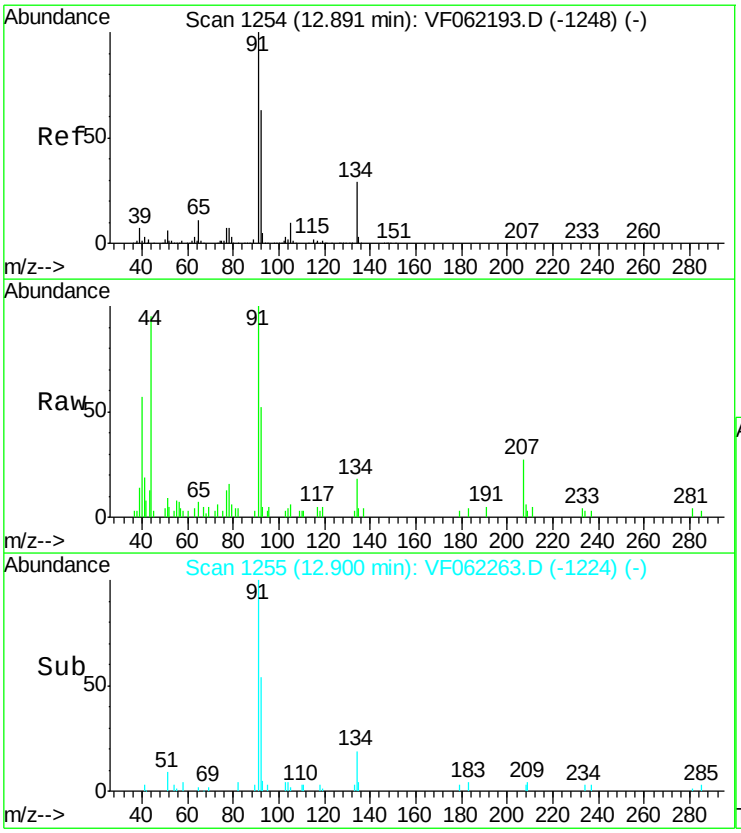
#81
trans-1,4-Dichloro-2-butene
Concen: 1.095 ug/l
RT: 11.96 min Scan# 1160
Delta R.T. 0.04 min
Lab File: VF062263.D
Acq: 23 Apr 2019 14:56

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 75 Resp: 950

Ion	Ratio	Lower	Upper
75	100		
53	23.2	50.2	75.4#
89	61.9	0.0	0.0#

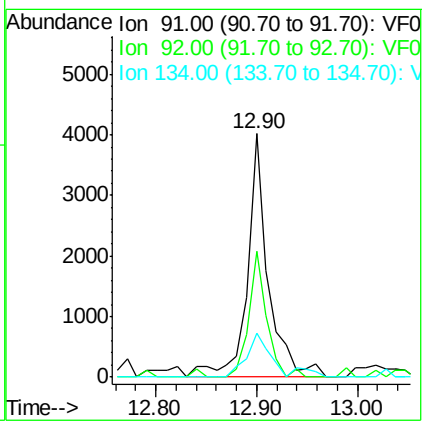


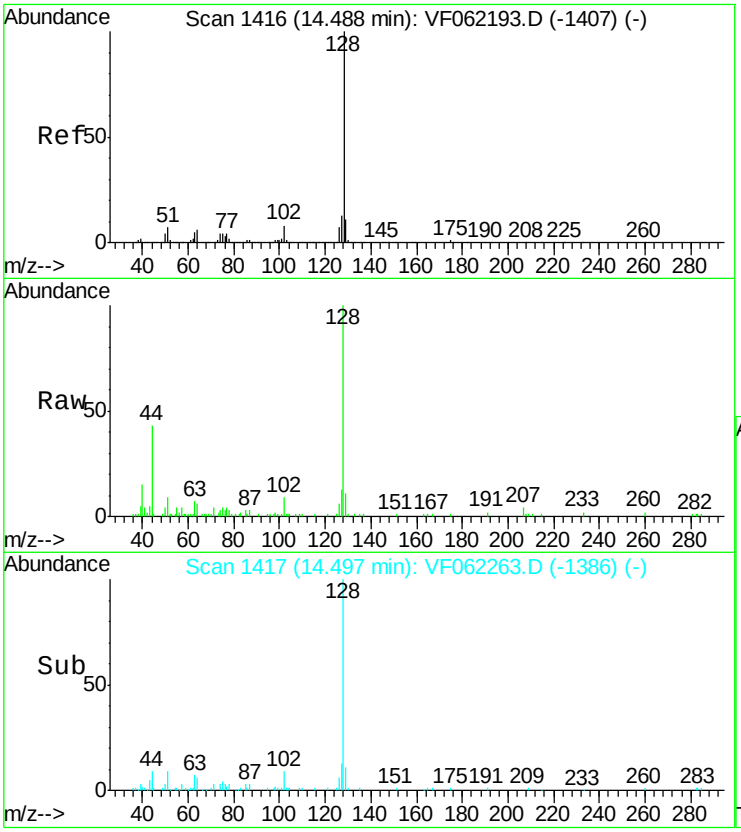


#89
n-Butylbenzene
Concen: Below Cal
RT: 12.90 min Scan# 1255
Delta R.T. 0.01 min
Lab File: VF062263.D
Acq: 23 Apr 2019 14:56

Tgt Ion: 91 Resp: 5845

Ion	Ratio	Lower	Upper
91	100		
92	44.5	31.2	93.6
134	19.5	13.1	39.1





#95
Naphthalene
Concen: 2.811 ug/l
RT: 14.50 min Scan# 1417
Delta R.T. 0.01 min
Lab File: VF062263.D
Acq: 23 Apr 2019 14:56

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion:128 Resp: 22686

Ion	Ratio	Lower	Upper
128	100		
127	13.3	10.4	15.6
129	11.5	9.2	13.8