Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF112818\
Data File : VF060858.D
Acq On : 28 Nov 2018 16:09
Operator : VA/AP
Sample : J5768-07RE
Misc : 6.81g/5mL/MSVOA-F/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId : OK-01-112818RE

Quant Time: Nov 29 03:29:24 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F112618S.M
Quant Title : SW846 8260
QLast Update : Tue Nov 27 01:36:26 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.90	168	212581	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	5.63	114	363022	50.00	ug/l	-0.01
63) Chlorobenzene-d5	9.80	117	323773	50.00	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	12.57	152	172220	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.87	65	133647	53.37	ug/l	-0.01
Spiked Amount 50.000			Recovery = 106.74%			
35) Dibromofluoromethane	4.14	113	146465	50.86	ug/l	-0.01
Spiked Amount 50.000			Recovery = 101.72%			
50) Toluene-d8	7.58	98	371784	43.82	ug/l	-0.01
Spiked Amount 50.000			Recovery = 87.64%			
62) 4-Bromofluorobenzene	11.43	95	182311	47.28	ug/l	-0.01
Spiked Amount 50.000			Recovery = 94.56%			
Target Compounds						Qvalue
8) Diethyl Ether	1.64	74	636	1.068	ug/l	93
11) Tert butyl alcohol	2.59	59	267	2.601	ug/l #	62
13) Acrolein	1.98	56	430	4.421	ug/l	89
15) Acrylonitrile	2.98	53	340	1.477	ug/l #	11
16) Acetone	2.25	43	19427	42.068	ug/l	99
18) Methyl Acetate	2.40	43	3401	2.832	ug/l #	61
20) Methylene Chloride	2.20	84	9535	5.628	ug/l	88
25) 2-Butanone	4.37	43	1163	1.456	ug/l #	57
29) Tetrahydrofuran	4.13	42	378	1.116	ug/l #	51
41) Methacrylonitrile	4.75	41	335	Below Cal	#	52
43) Isopropyl Acetate	7.02	43	311	Below Cal	#	49
51) 4-Methyl-2-Pentanone	8.29	43	2203	1.460	ug/l #	38
95) Naphthalene	14.48	128	9376	Below Cal		99

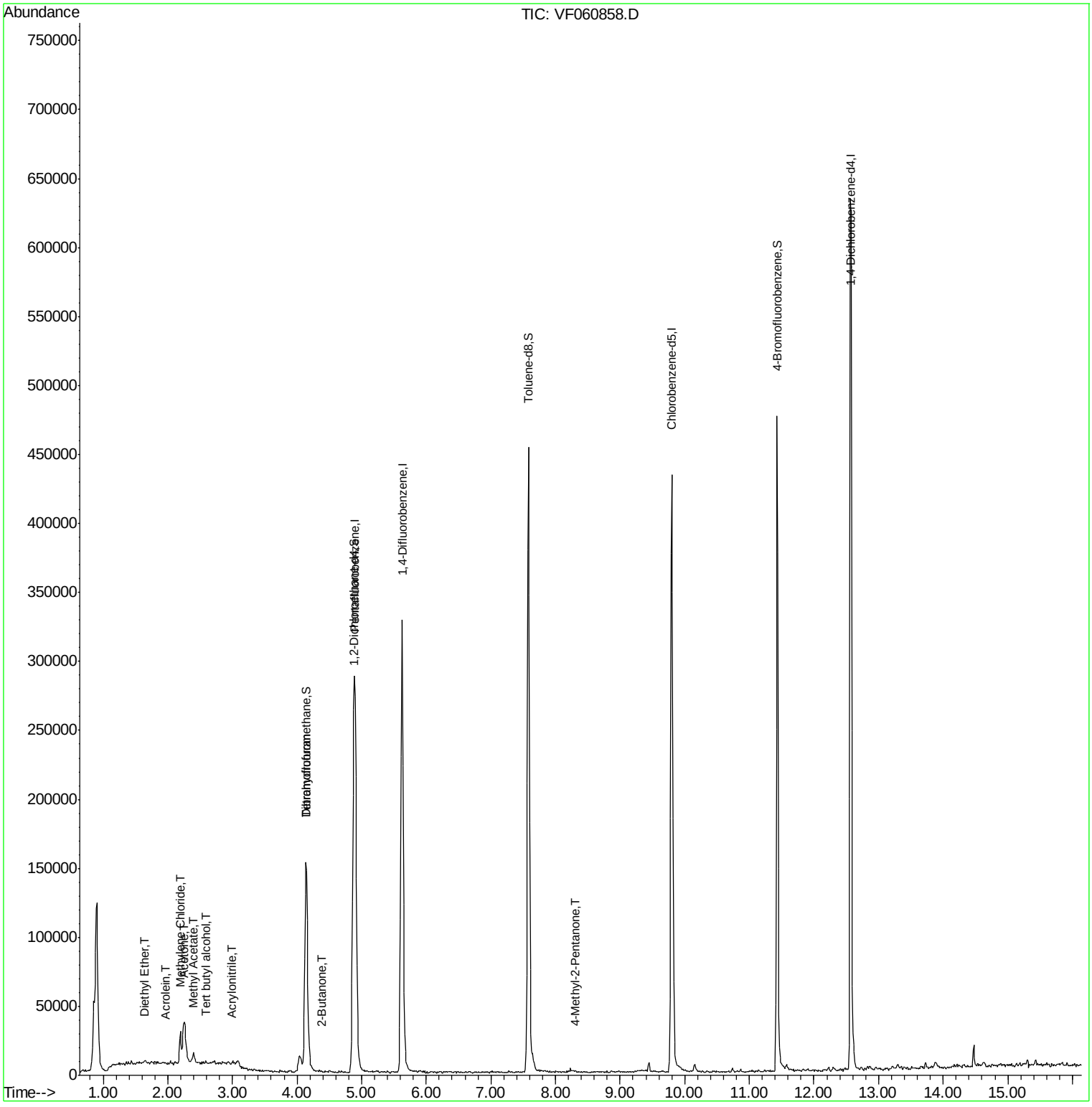
(#) = qualifier out of range (m) = manual integration (+) = signals summed

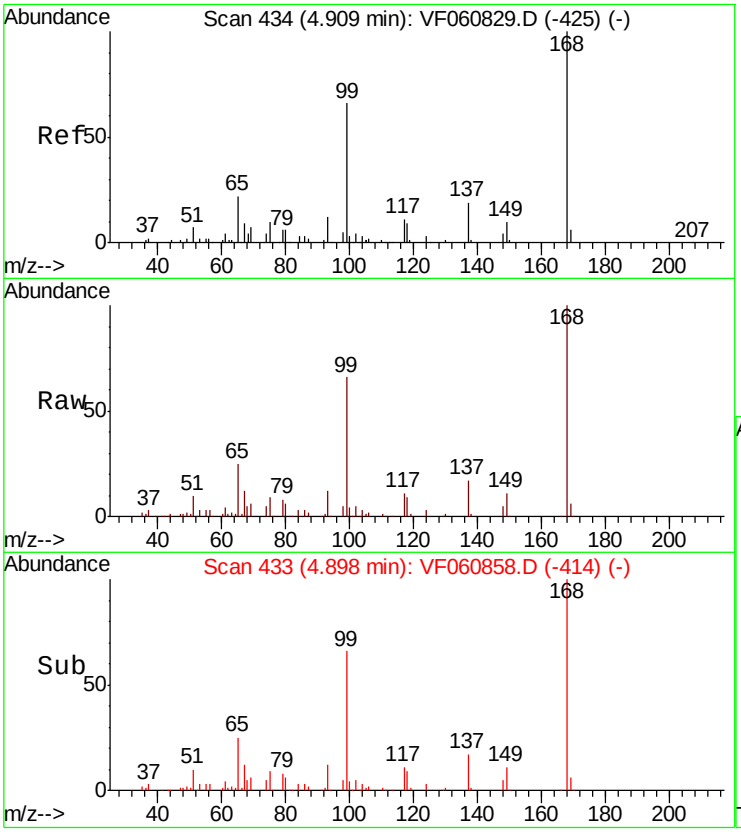
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF112818\
Data File : VF060858.D
Acq On : 28 Nov 2018 16:09
Operator : VA/AP
Sample : J5768-07RE
Misc : 6.81g/5mL/MSVOA-F/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId : OK-01-112818RE

Quant Time: Nov 29 03:29:24 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F112618S.M
Quant Title : SW846 8260
QLast Update : Tue Nov 27 01:36:26 2018
Response via : Initial Calibration



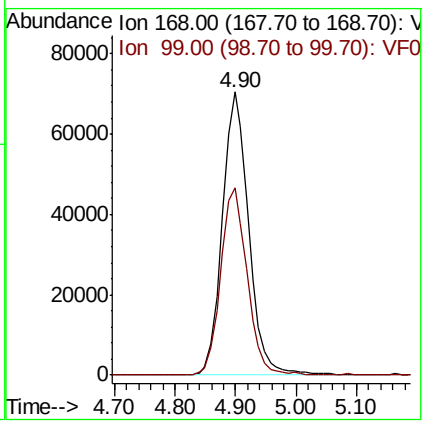


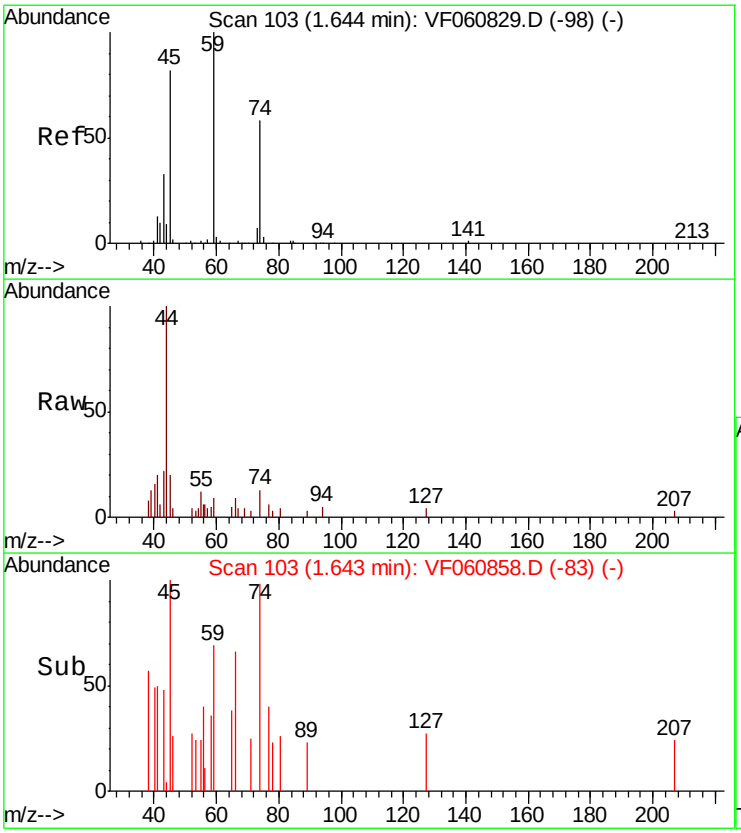
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 4.90 min Scan# 433
Delta R.T. -0.01 min
Lab File: VF060858.D
Acq: 28 Nov 2018 16:09

Instrument :
MSVOA_F
ClientSampleId :
OK-01-112818RE

Tgt Ion:168 Resp: 212581

Ion	Ratio	Lower	Upper
168	100		
99	66.0	52.6	79.0

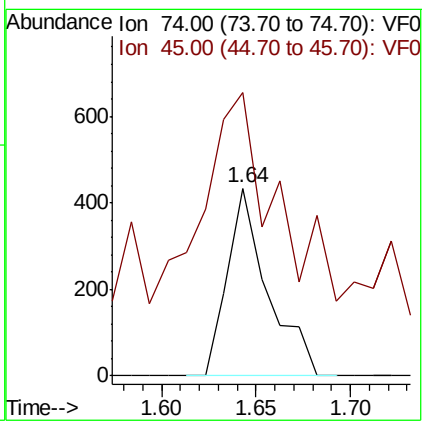


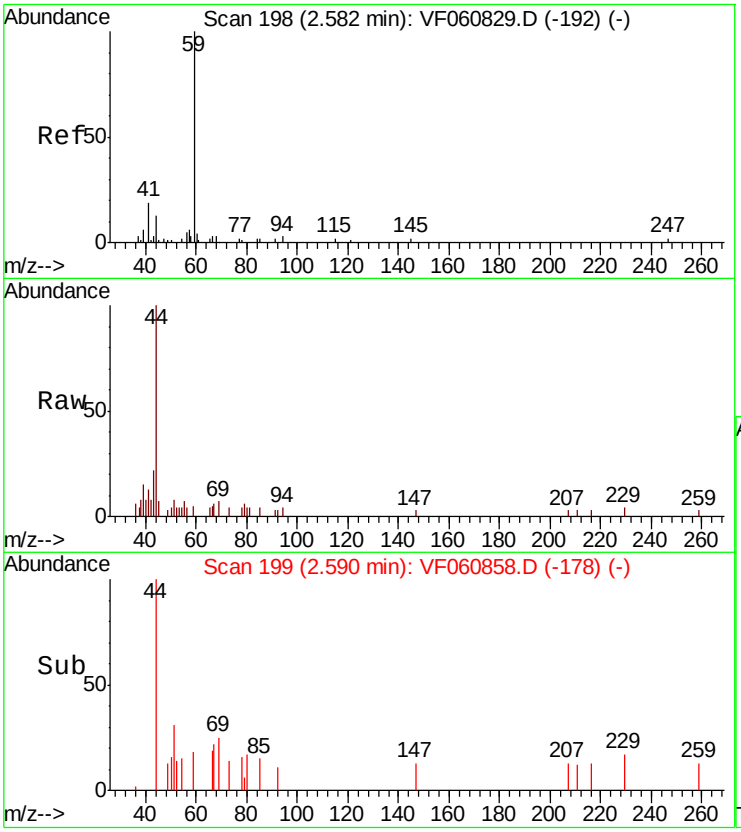


#8
Diethyl Ether
Concen: 1.068 ug/l
RT: 1.64 min Scan# 103
Delta R.T. -0.00 min
Lab File: VF060858.D
Acq: 28 Nov 2018 16:09

Tgt Ion: 74 Resp: 636

Ion	Ratio	Lower	Upper
74	100		
45	151.0	71.0	212.8



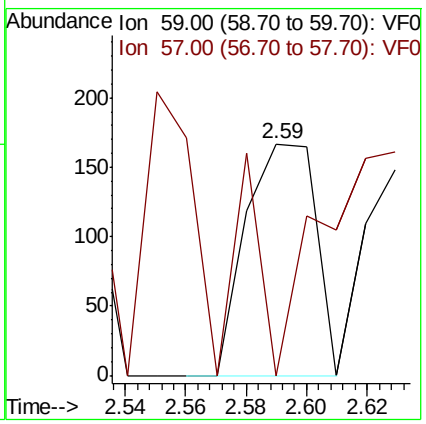


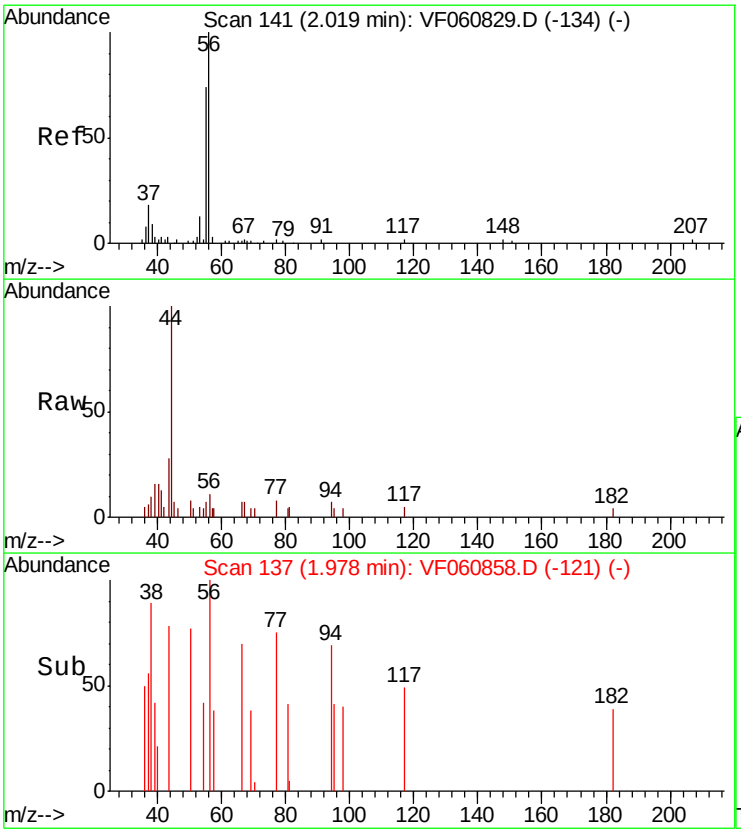
#11
Tert butyl alcohol
Concen: 2.601 ug/l
RT: 2.59 min Scan# 199
Delta R.T. 0.01 min
Lab File: VF060858.D
Acq: 28 Nov 2018 16:09

Instrument : MSVOA_F
ClientSampleId : OK-01-112818RE

Tgt Ion: 59 Resp: 267

Ion	Ratio	Lower	Upper
59	100		
57	0.0	12.7	19.1#

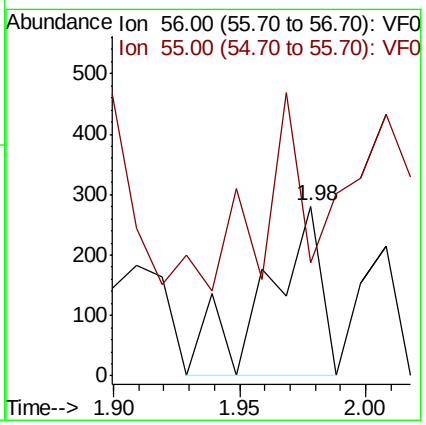


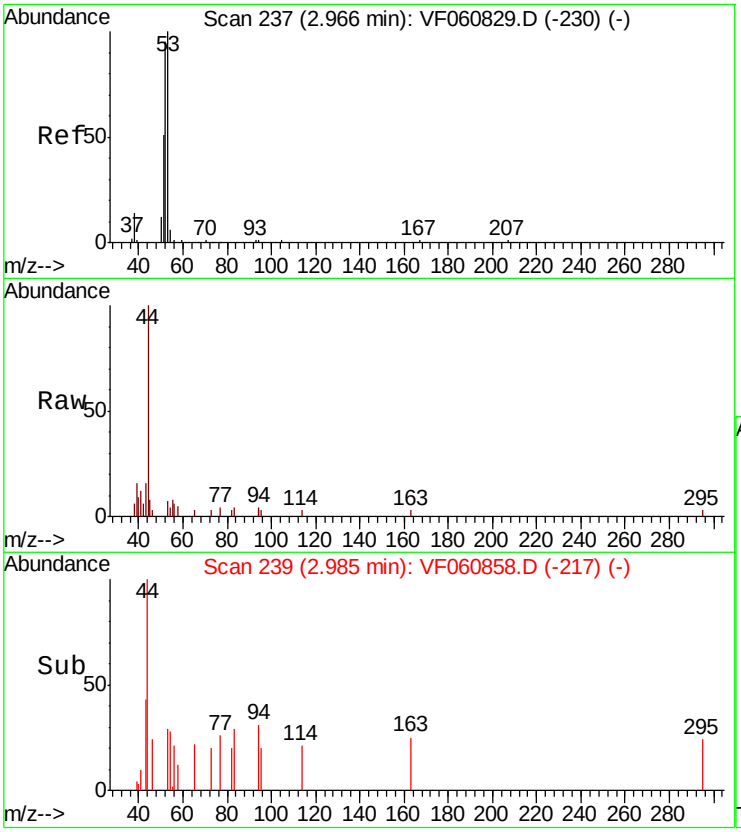


#13
Acrolein
Concen: 4.421 ug/l
RT: 1.98 min Scan# 137
Delta R.T. -0.04 min
Lab File: VF060858.D
Acq: 28 Nov 2018 16:09

Tgt Ion: 56 Resp: 430

Ion	Ratio	Lower	Upper
56	100		
55	66.9	61.2	91.8



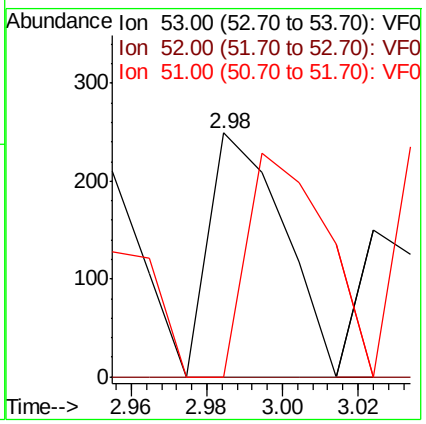


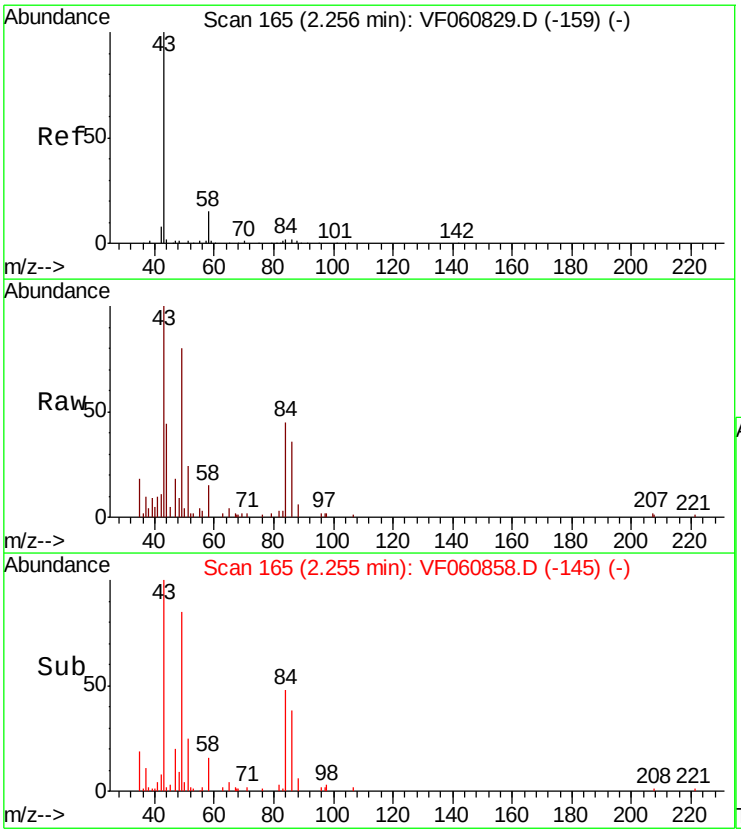
#15
Acrylonitrile
Concen: 1.477 ug/l
RT: 2.98 min Scan# 239
Delta R.T. 0.02 min
Lab File: VF060858.D
Acq: 28 Nov 2018 16:09

Instrument : MSVOA_F
ClientSampleId : OK-01-112818RE

Tgt Ion: 53 Resp: 340

Ion	Ratio	Lower	Upper
53	100		
52	0.0	76.5	114.7#
51	0.0	40.7	61.1#

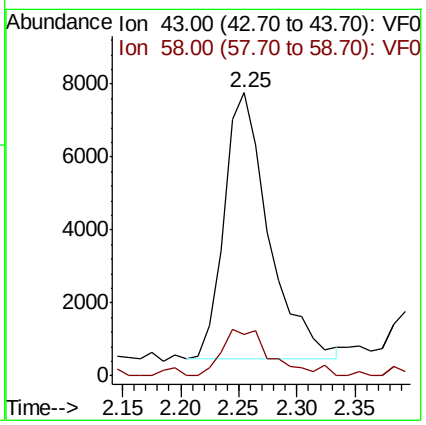


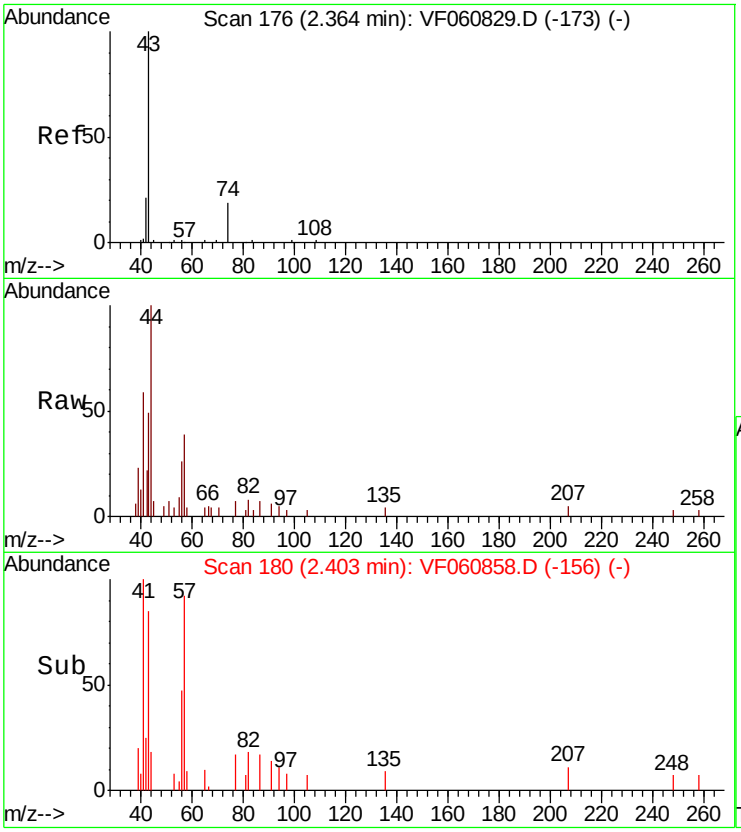


#16
Acetone
Concen: 42.068 ug/l
RT: 2.25 min Scan# 165
Delta R.T. -0.00 min
Lab File: VF060858.D
Acq: 28 Nov 2018 16:09

Tgt Ion: 43 Resp: 19427

Ion	Ratio	Lower	Upper
43	100		
58	14.8	11.4	17.2



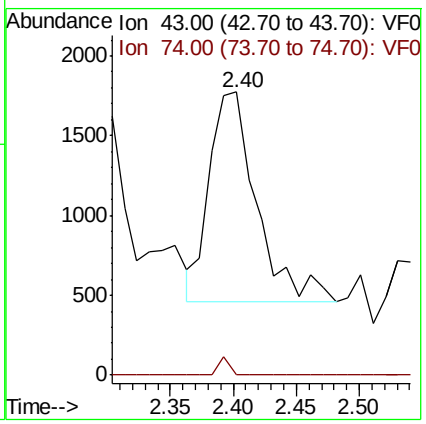


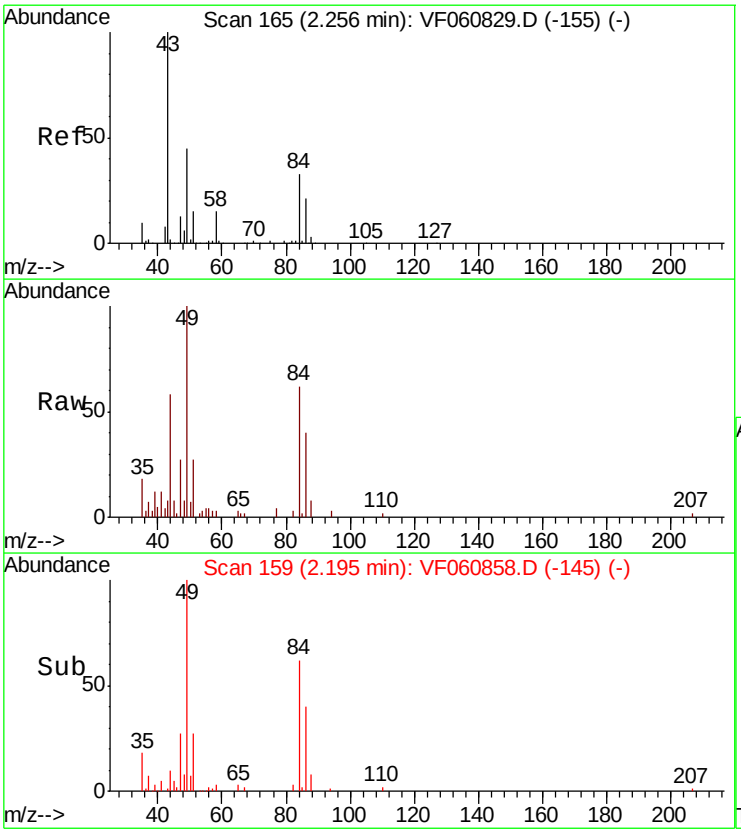
#18
Methyl Acetate
Concen: 2.832 ug/l
RT: 2.40 min Scan# 180
Delta R.T. 0.04 min
Lab File: VF060858.D
Acq: 28 Nov 2018 16:09

Instrument : MSVOA_F
ClientSampleId : OK-01-112818RE

Tgt Ion: 43 Resp: 3401

Ion	Ratio	Lower	Upper
43	100		
74	0.0	13.3	19.9#

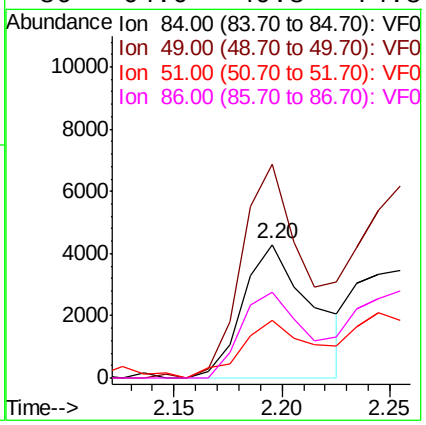


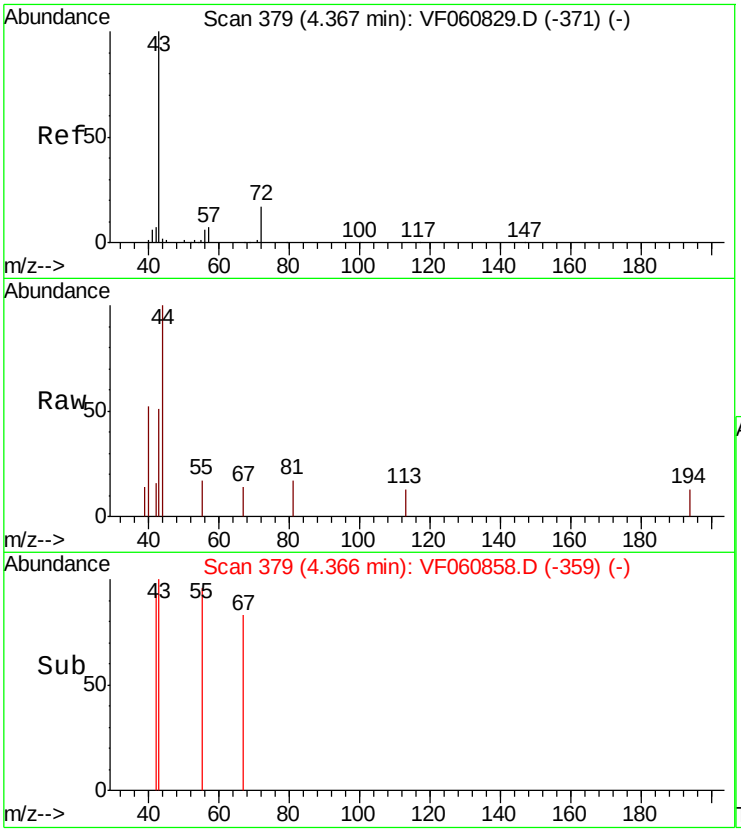


#20
Methylene Chloride
Concen: 5.628 ug/l
RT: 2.20 min Scan# 159
Delta R.T. -0.06 min
Lab File: VF060858.D
Acq: 28 Nov 2018 16:09

Tgt Ion: 84 Resp: 9535

Ion	Ratio	Lower	Upper
84	100		
49	160.4	111.3	166.9
51	42.9	38.0	57.0
86	64.0	49.8	74.8



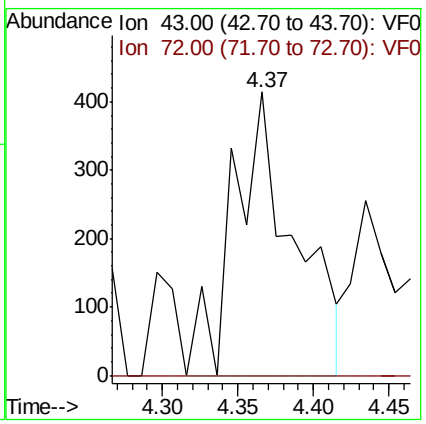


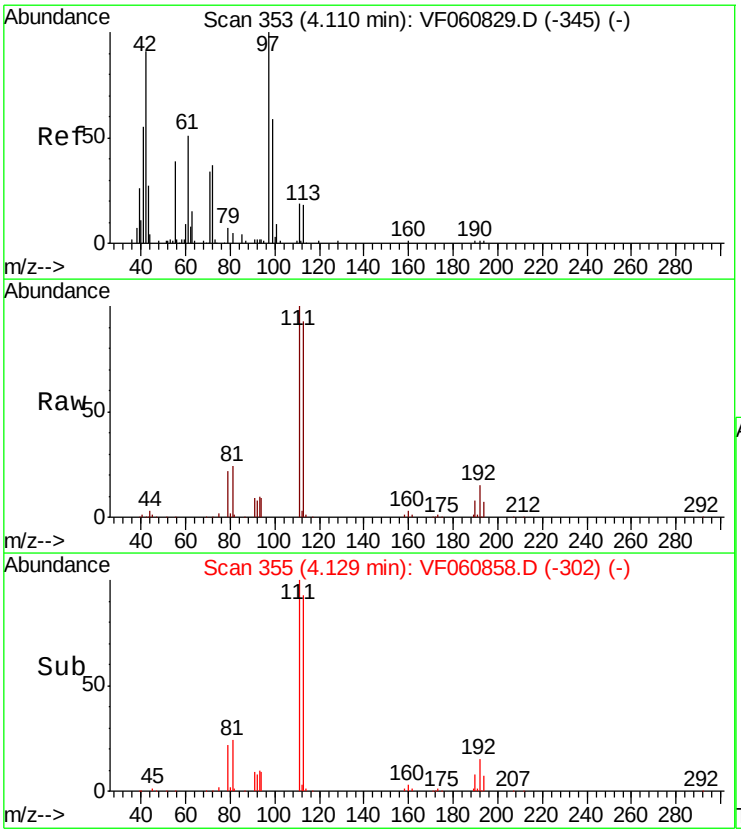
#25
2-Butanone
Concen: 1.456 ug/l
RT: 4.37 min Scan# 379
Delta R.T. -0.00 min
Lab File: VF060858.D
Acq: 28 Nov 2018 16:09

Instrument : MSVOA_F
ClientSampleId : OK-01-112818RE

Tgt Ion: 43 Resp: 1163

Ion	Ratio	Lower	Upper
43	100		
72	0.0	15.4	23.2#

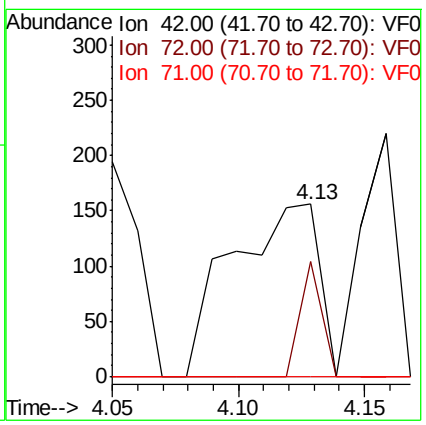


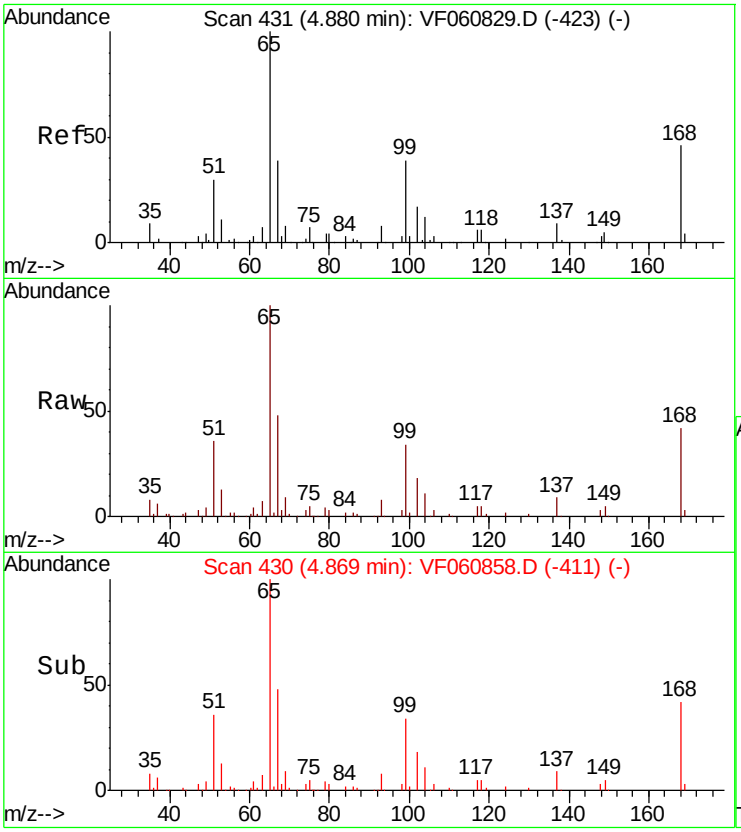


#29
Tetrahydrofuran
Concen: 1.116 ug/l
RT: 4.13 min Scan# 355
Delta R.T. 0.02 min
Lab File: VF060858.D
Acq: 28 Nov 2018 16:09

Tgt Ion: 42 Resp: 378

Ion	Ratio	Lower	Upper
42	100		
72	16.4	31.9	47.9#
71	0.0	28.7	43.1#



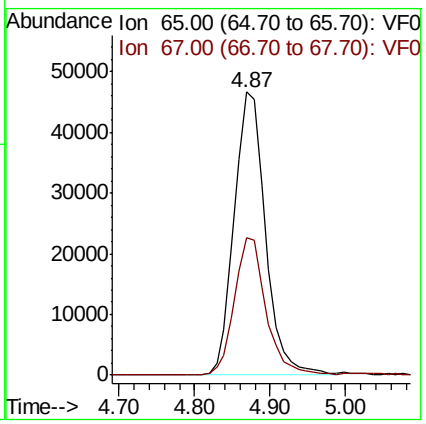


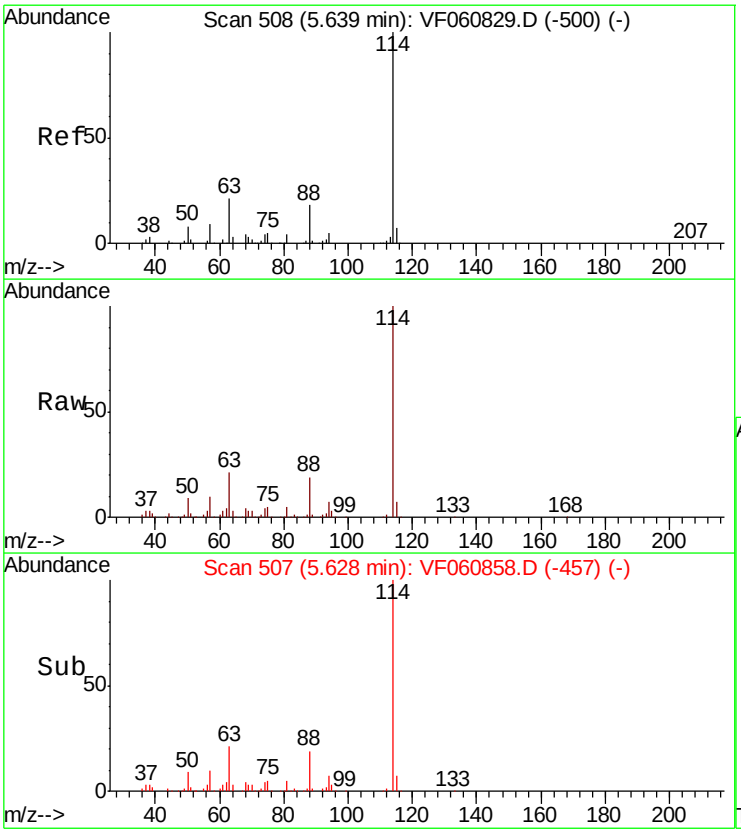
#33
1,2-Dichloroethane-d4
Concen: 53.368 ug/l
RT: 4.87 min Scan# 430
Delta R.T. -0.01 min
Lab File: VF060858.D
Acq: 28 Nov 2018 16:09

Instrument : MSVOA_F
ClientSampleId : OK-01-112818RE

Tgt Ion: 65 Resp: 133647

Ion	Ratio	Lower	Upper
65	100		
67	48.4	0.0	96.4

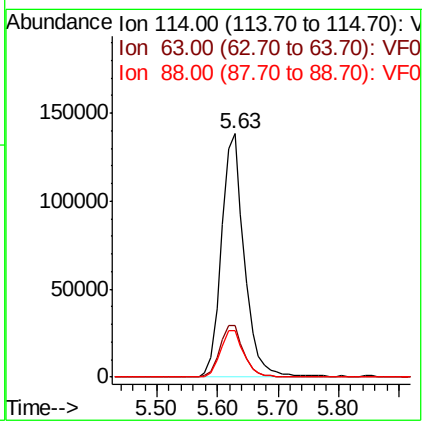


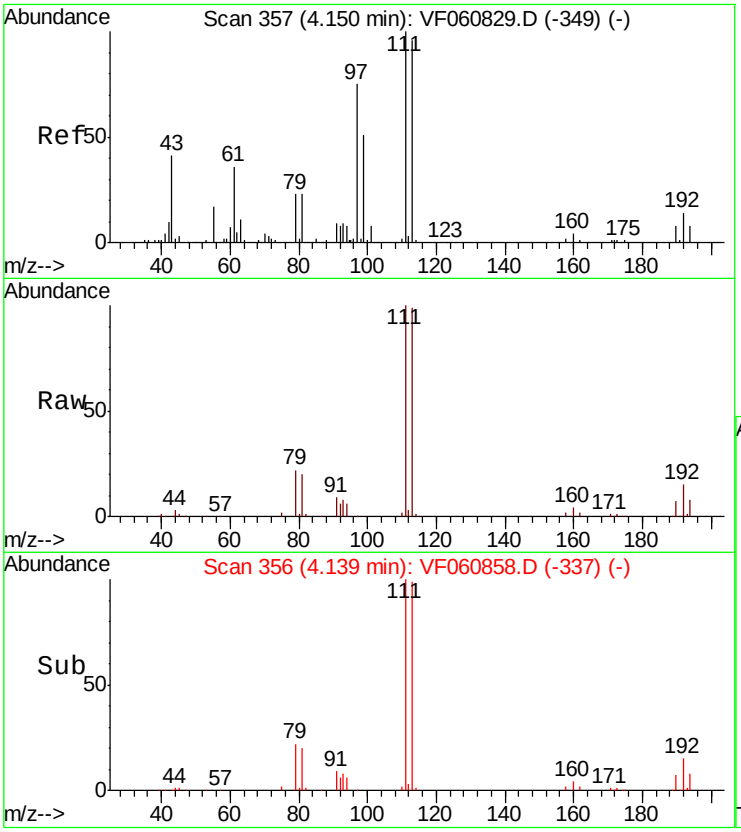


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.63 min Scan# 507
Delta R.T. -0.01 min
Lab File: VF060858.D
Acq: 28 Nov 2018 16:09

Tgt Ion:114 Resp: 363022

Ion	Ratio	Lower	Upper
114	100		
63	21.0	0.0	41.6
88	19.4	0.0	36.6



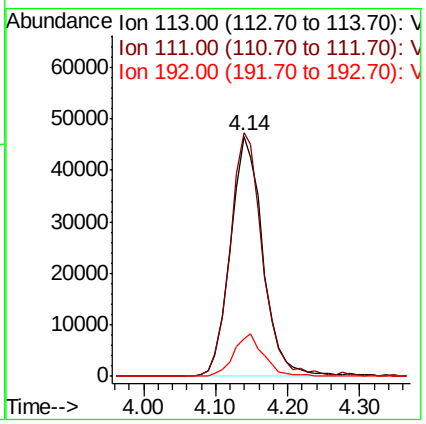


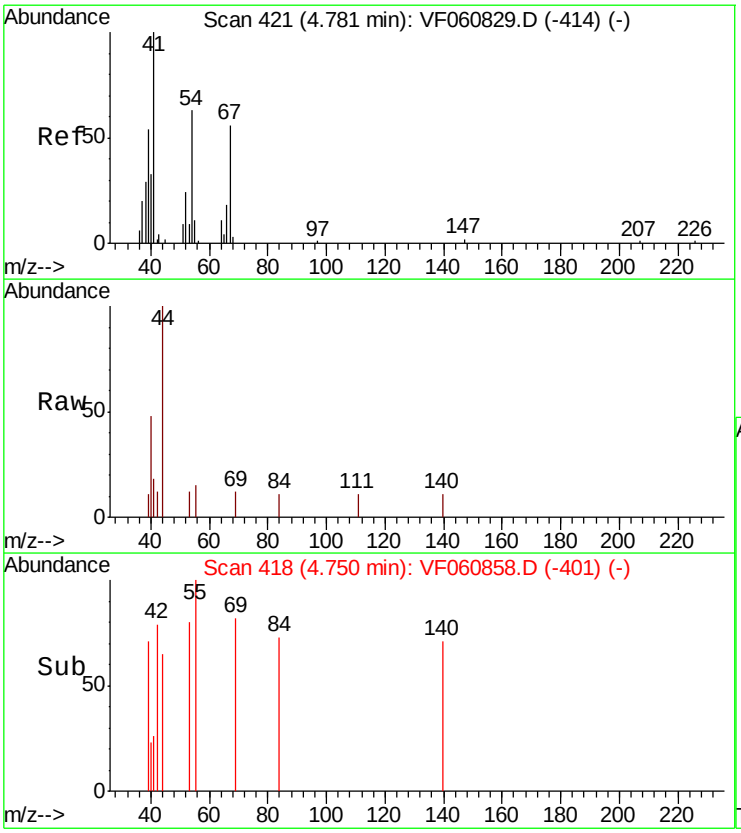
#35
Dibromofluoromethane
Concen: 50.857 ug/l
RT: 4.14 min Scan# 356
Delta R.T. -0.01 min
Lab File: VF060858.D
Acq: 28 Nov 2018 16:09

Instrument :
MSVOA_F
ClientSampleId :
OK-01-112818RE

Tgt Ion:113 Resp: 146465

Ion	Ratio	Lower	Upper
113	100		
111	101.5	83.0	124.6
192	15.5	12.3	18.5

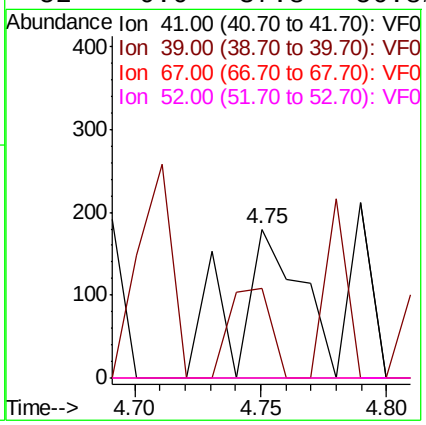


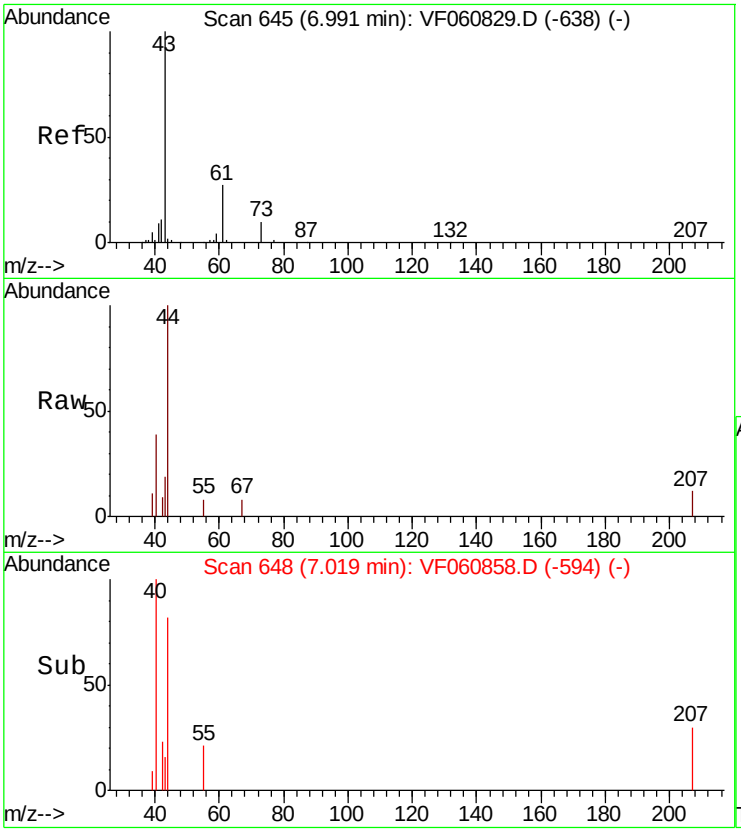


#41
Methacrylonitrile
Concen: Below Cal
RT: 4.75 min Scan# 418
Delta R.T. -0.03 min
Lab File: VF060858.D
Acq: 28 Nov 2018 16:09

Tgt Ion: 41 Resp: 335

Ion	Ratio	Lower	Upper
41	100		
39	60.0	53.0	79.6
67	0.0	43.8	65.6#
52	0.0	37.8	56.8#



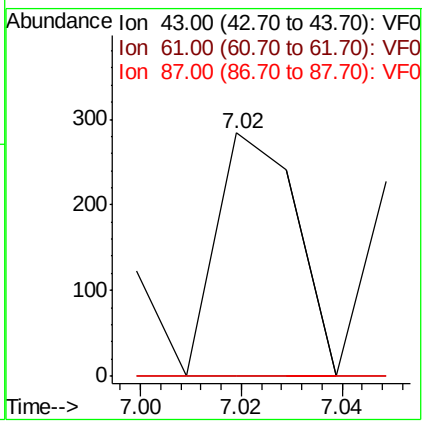


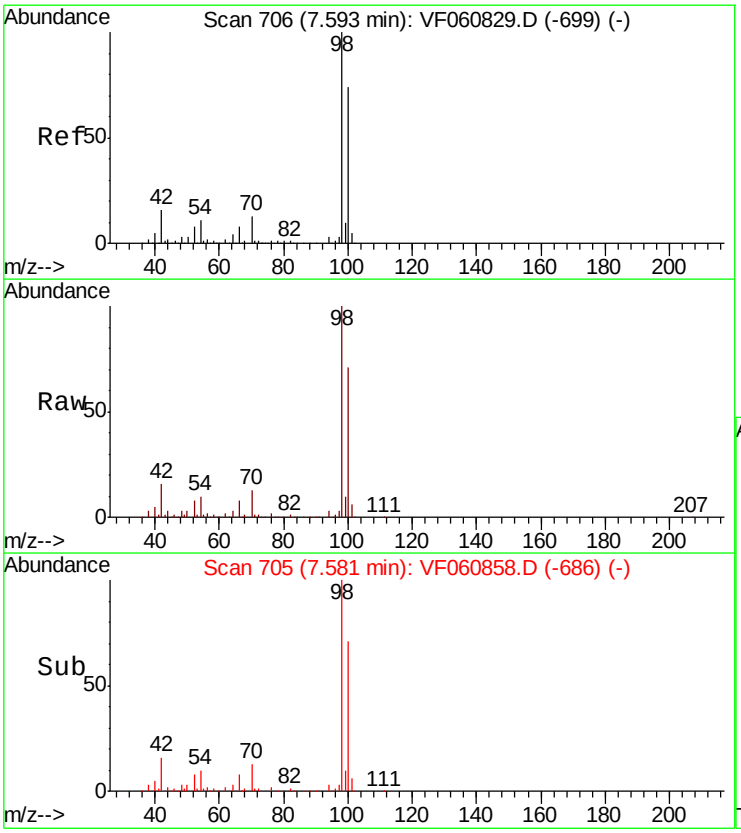
#43
Isopropyl Acetate
Concen: Below Cal
RT: 7.02 min Scan# 648
Delta R.T. 0.03 min
Lab File: VF060858.D
Acq: 28 Nov 2018 16:09

Instrument : MSVOA_F
ClientSampleId : OK-01-112818RE

Tgt Ion: 43 Resp: 311

Ion	Ratio	Lower	Upper
43	100		
61	0.0	21.4	32.0#
87	0.0	0.2	0.4#

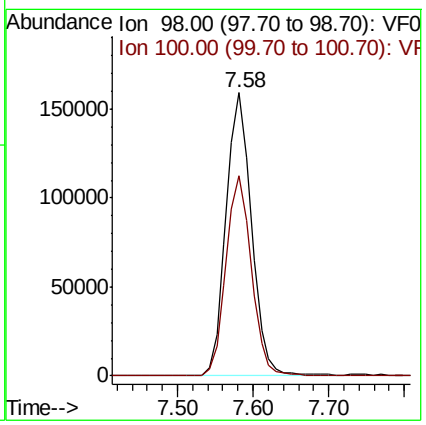


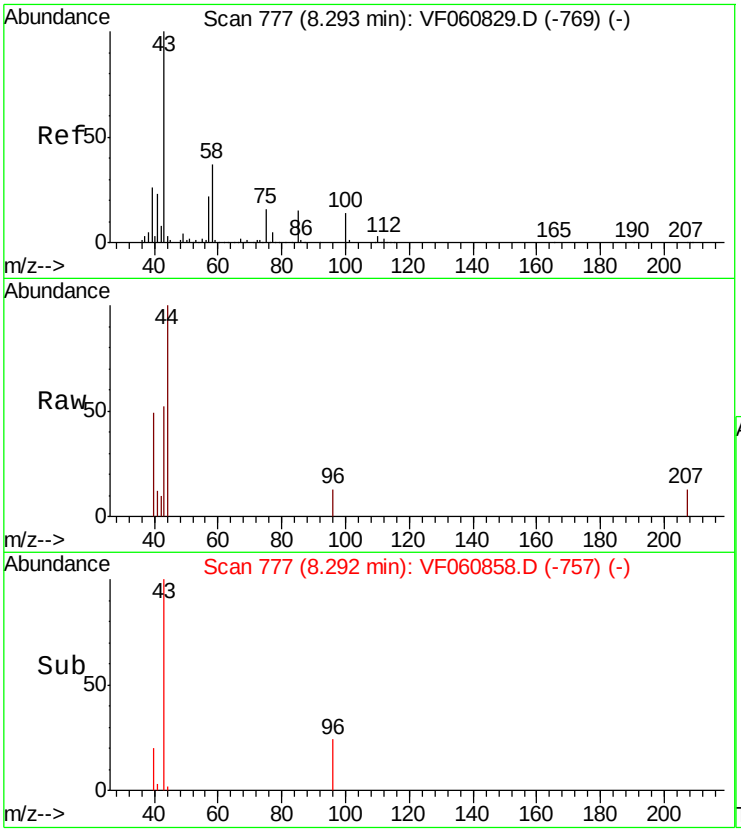


#50
Toluene-d8
Concen: 43.825 ug/l
RT: 7.58 min Scan# 705
Delta R.T. -0.01 min
Lab File: VF060858.D
Acq: 28 Nov 2018 16:09

Tgt Ion: 98 Resp: 371784

Ion	Ratio	Lower	Upper
98	100		
100	70.8	59.3	88.9



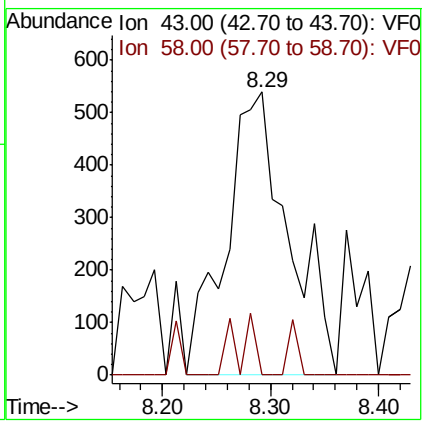


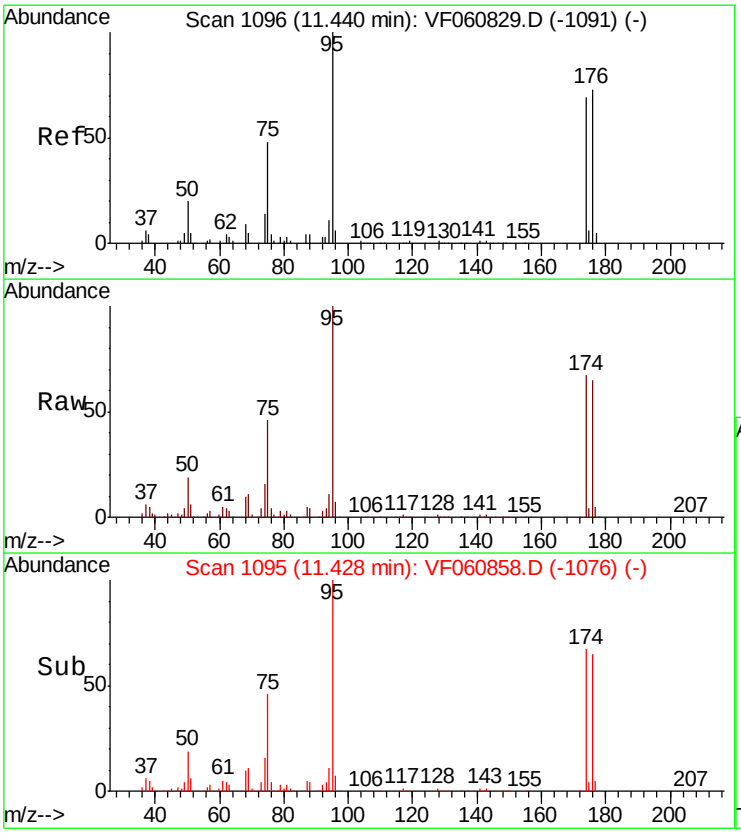
#51
4-Methyl-2-Pentanone
Concen: 1.460 ug/l
RT: 8.29 min Scan# 777
Delta R.T. -0.00 min
Lab File: VF060858.D
Acq: 28 Nov 2018 16:09

Instrument : MSVOA_F
ClientSampleId : OK-01-112818RE

Tgt Ion: 43 Resp: 2203

Ion	Ratio	Lower	Upper
43	100		
58	0.0	29.7	44.5#

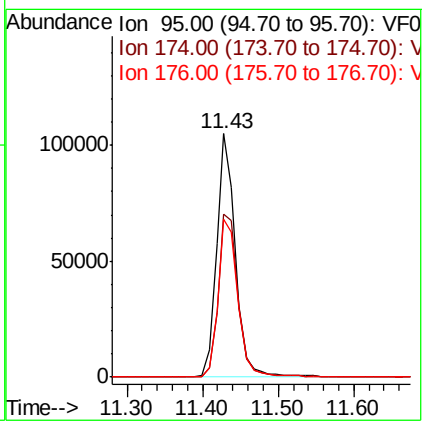


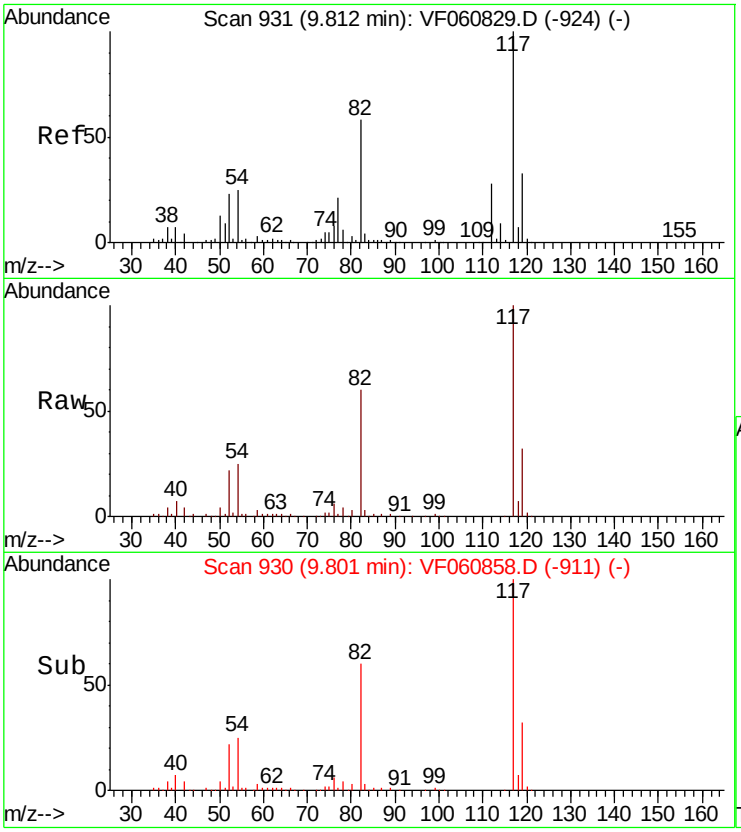


#62
4-Bromofluorobenzene
Concen: 47.285 ug/l
RT: 11.43 min Scan# 1095
Delta R.T. -0.01 min
Lab File: VF060858.D
Acq: 28 Nov 2018 16:09

Tgt Ion: 95 Resp: 182311

Ion	Ratio	Lower	Upper
95	100		
174	67.0	0.0	138.2
176	64.9	0.0	146.2



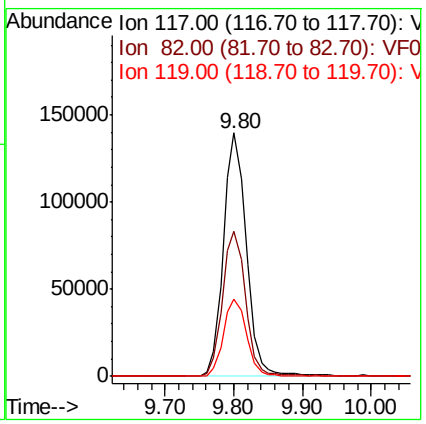


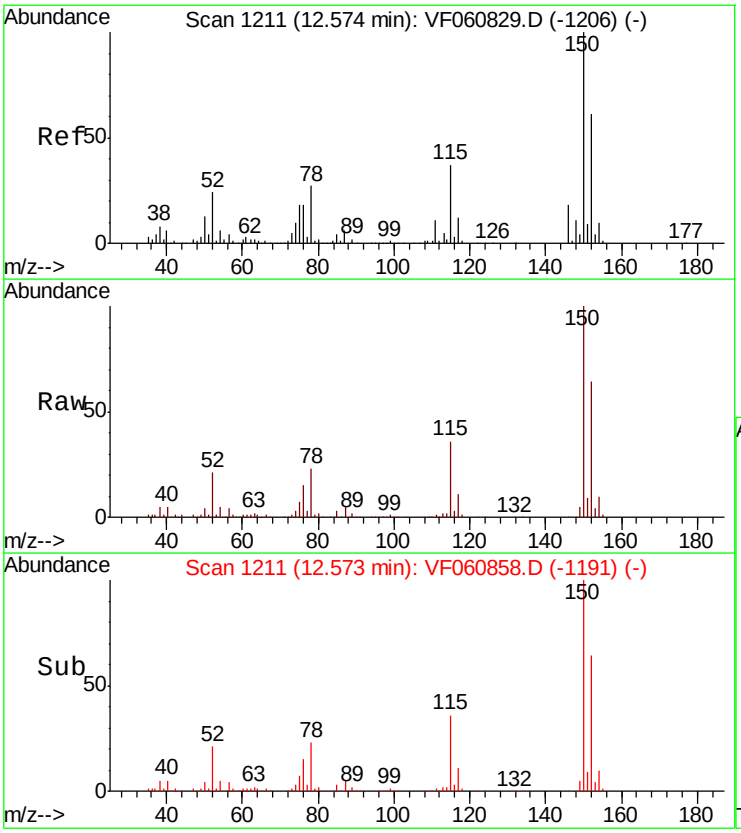
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.80 min Scan# 930
Delta R.T. -0.01 min
Lab File: VF060858.D
Acq: 28 Nov 2018 16:09

Instrument : MSVOA_F
ClientSampleId : OK-01-112818RE

Tgt Ion:117 Resp: 323773

Ion	Ratio	Lower	Upper
117	100		
82	59.5	46.6	69.8
119	31.7	26.4	39.6

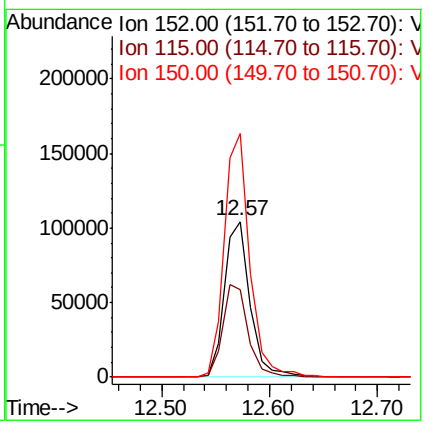


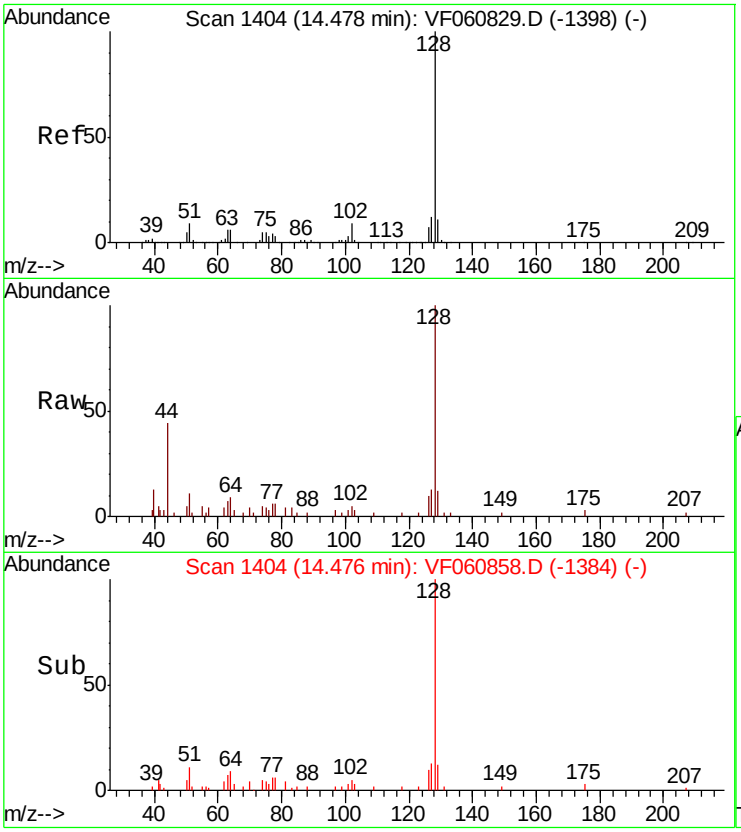


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.57 min Scan# 1211
Delta R.T. -0.00 min
Lab File: VF060858.D
Acq: 28 Nov 2018 16:09

Tgt Ion:152 Resp: 172220

Ion	Ratio	Lower	Upper
152	100		
115	56.1	30.1	90.5
150	156.3	0.0	327.6





#95
Naphthalene
Concen: Below Cal
RT: 14.48 min Scan# 1404
Delta R.T. -0.00 min
Lab File: VF060858.D
Acq: 28 Nov 2018 16:09

Instrument :
MSVOA_F
ClientSampleId :
OK-01-112818RE

Tgt Ion:128 Resp: 9376

Ion	Ratio	Lower	Upper
128	100		
127	13.1	9.9	14.9
129	11.6	9.1	13.7