Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF121118\
Data File : VF060976.D
Acq On : 11 Dec 2018 15:05
Operator : VA/AP
Sample : J6196-05RE
Misc : 5.99g/5mL/MSVOA-F/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId : EO-03-120718-CRE

Quant Time: Dec 12 06:27:18 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	4.87	168	217068	50.00	ug/l	-0.04
34) 1,4-Difluorobenzene	5.60	114	371527	50.00	ug/l	-0.04
63) Chlorobenzene-d5	9.78	117	230357	50.00	ug/l	-0.03
72) 1,4-Dichlorobenzene-d4	12.55	152	131816	50.00	ug/l	-0.02
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.85	65	111163	43.47	ug/l	-0.03
Spiked Amount 50.000			Recovery = 86.94%			
35) Dibromofluoromethane	4.11	113	132594	44.99	ug/l	-0.04
Spiked Amount 50.000			Recovery = 89.98%			
50) Toluene-d8	7.56	98	197644	22.76	ug/l	-0.03
Spiked Amount 50.000			Recovery = 45.52%			
62) 4-Bromofluorobenzene	11.42	95	133194	33.75	ug/l	-0.02
Spiked Amount 50.000			Recovery = 67.50%			
Target Compounds						Qvalue
11) Tert butyl alcohol	2.55	59	1042	9.941	ug/l #	1
13) Acrolein	1.99	56	610	6.142	ug/l	94
15) Acrylonitrile	2.95	53	642	2.732	ug/l #	80
16) Acetone	2.25	43	39769	84.337	ug/l	94
18) Methyl Acetate	2.34	43	16235	19.515	ug/l	97
20) Methylene Chloride	2.26	84	5096	2.946	ug/l #	84
25) 2-Butanone	4.35	43	3661	4.489	ug/l	99
29) Tetrahydrofuran	4.08	42	572	1.654	ug/l #	49
41) Methacrylonitrile	4.76	41	101	Below Cal	#	21
43) Isopropyl Acetate	6.91	43	648	Below Cal	#	49
49) 1,4-Dioxane	6.73	88	69	6.220	ug/l #	18
51) 4-Methyl-2-Pentanone	8.27	43	5174	3.350	ug/l	89
52) Toluene	7.63	92	7662	1.198	ug/l	88
59) 2-Hexanone	9.50	43	3551	3.278	ug/l	66
68) m/p-Xylenes	10.14	106	4372	1.457	ug/l	98
74) N-amyl acetate	11.38	43	2504	1.041	ug/l	95
95) Naphthalene	14.46	128	8561	Below Cal		98

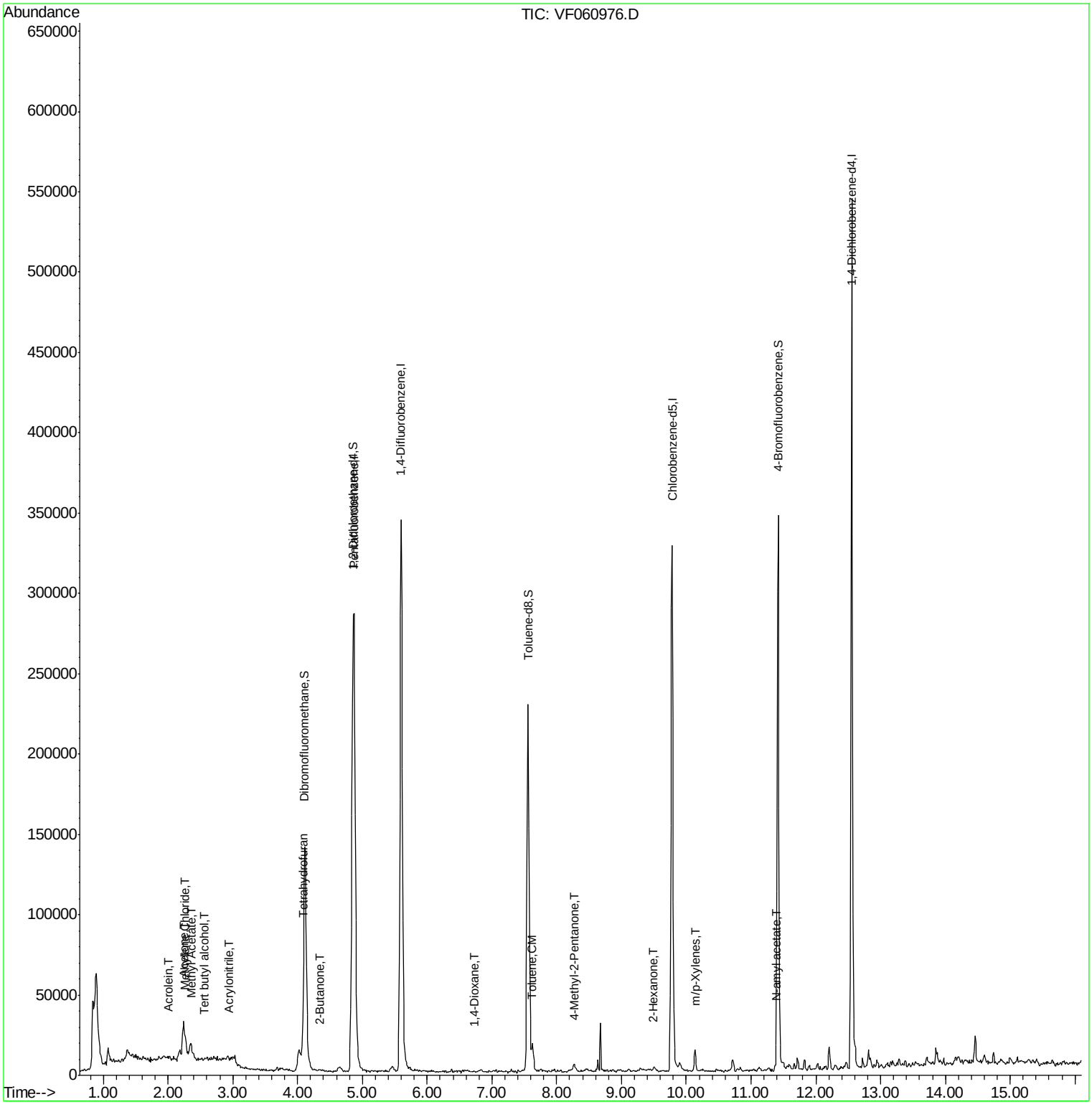
(#) = qualifier out of range (m) = manual integration (+) = signals summed

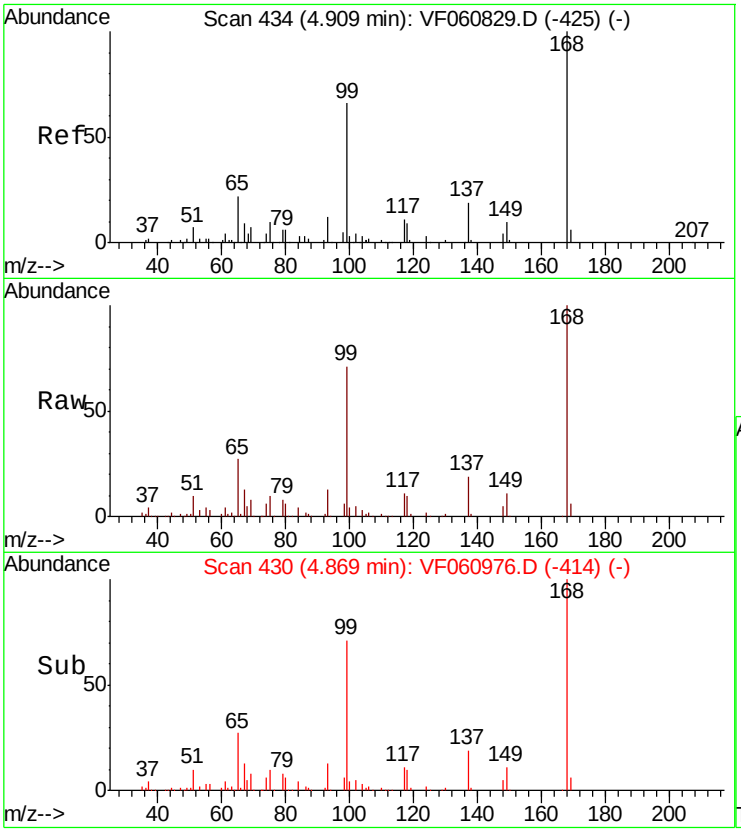
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF121118\
Data File : VF060976.D
Acq On : 11 Dec 2018 15:05
Operator : VA/AP
Sample : J6196-05RE
Misc : 5.99g/5mL/MSVOA-F/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :
EO-03-120718-CRE

Quant Time: Dec 12 06:27:18 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



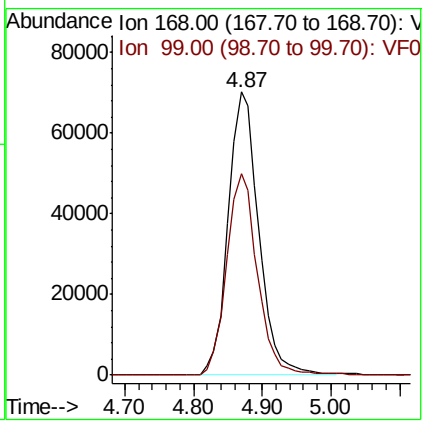


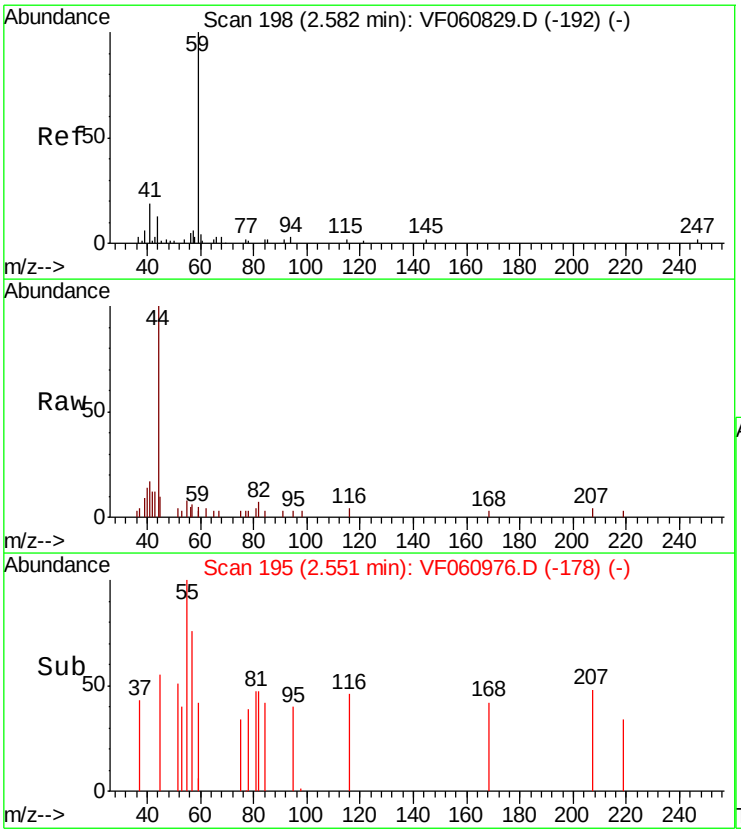
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 4.87 min Scan# 430
Delta R.T. -0.04 min
Lab File: VF060976.D
Acq: 11 Dec 2018 15:05

Instrument :
MSVOA_F
ClientSampleId :
EO-03-120718-CRE

Tgt Ion:168 Resp: 217068

Ion	Ratio	Lower	Upper
168	100		
99	71.3	52.6	79.0

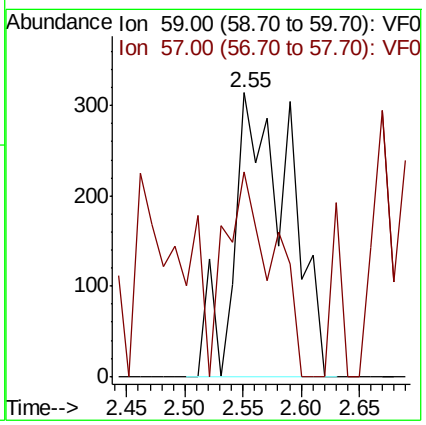


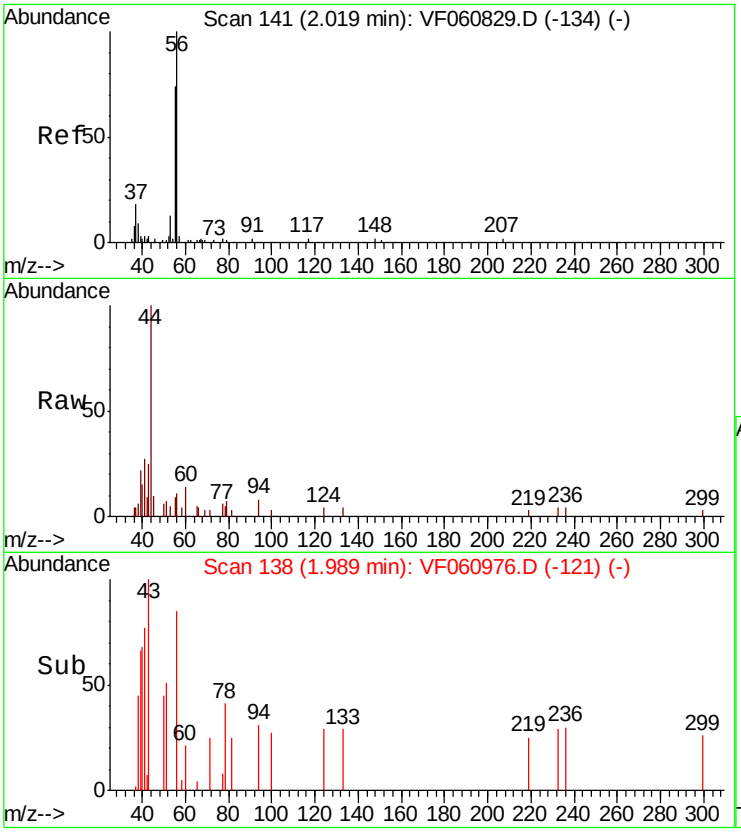


#11
Tert butyl alcohol
Concen: 9.941 ug/l
RT: 2.55 min Scan# 195
Delta R.T. -0.03 min
Lab File: VF060976.D
Acq: 11 Dec 2018 15:05

Tgt Ion: 59 Resp: 1042

Ion	Ratio	Lower	Upper
59	100		
57	72.3	12.7	19.1#



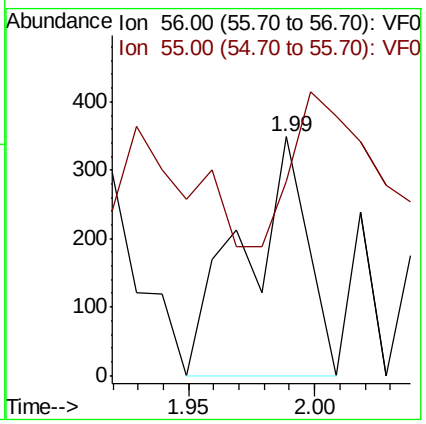


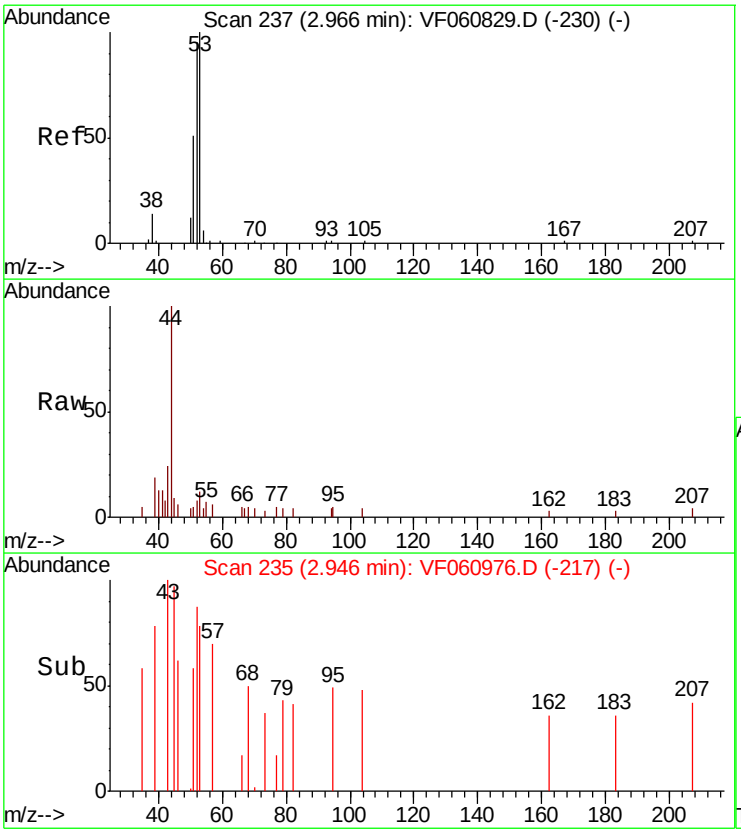
#13
Acrolein
Concen: 6.142 ug/l
RT: 1.99 min Scan# 138
Delta R.T. -0.03 min
Lab File: VF060976.D
Acq: 11 Dec 2018 15:05

Instrument :
MSVOA_F
ClientSampleId :
EO-03-120718-CRE

Tgt Ion: 56 Resp: 610

Ion	Ratio	Lower	Upper
56	100		
55	81.4	61.2	91.8

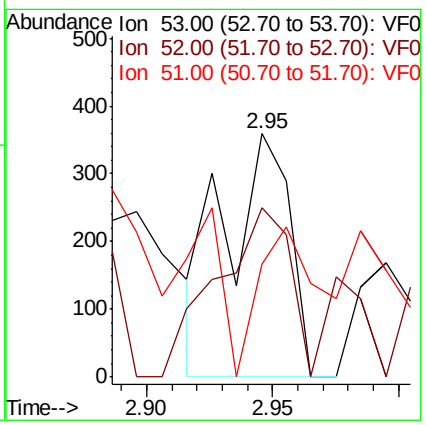


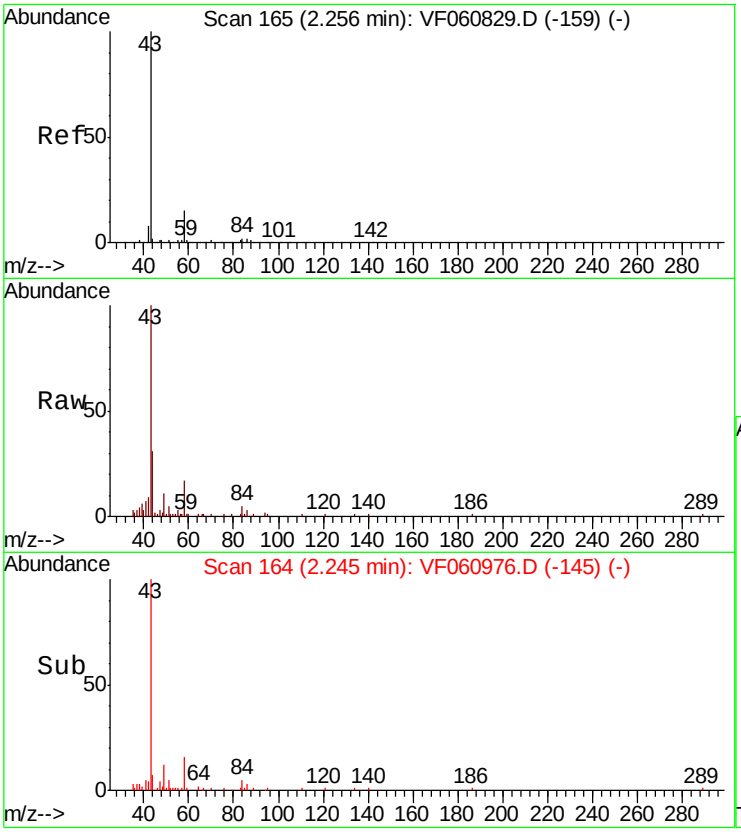


#15
Acrylonitrile
Concen: 2.732 ug/l
RT: 2.95 min Scan# 235
Delta R.T. -0.02 min
Lab File: VF060976.D
Acq: 11 Dec 2018 15:05

Tgt Ion: 53 Resp: 642

Ion	Ratio	Lower	Upper
53	100		
52	69.6	76.5	114.7#
51	46.2	40.7	61.1



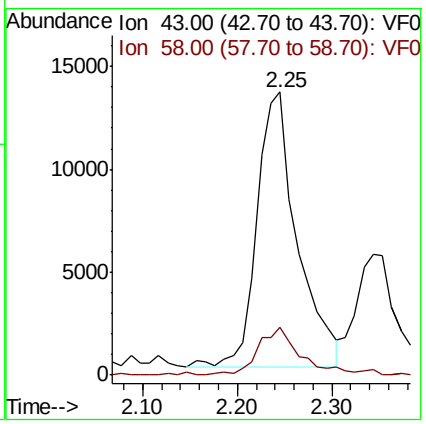


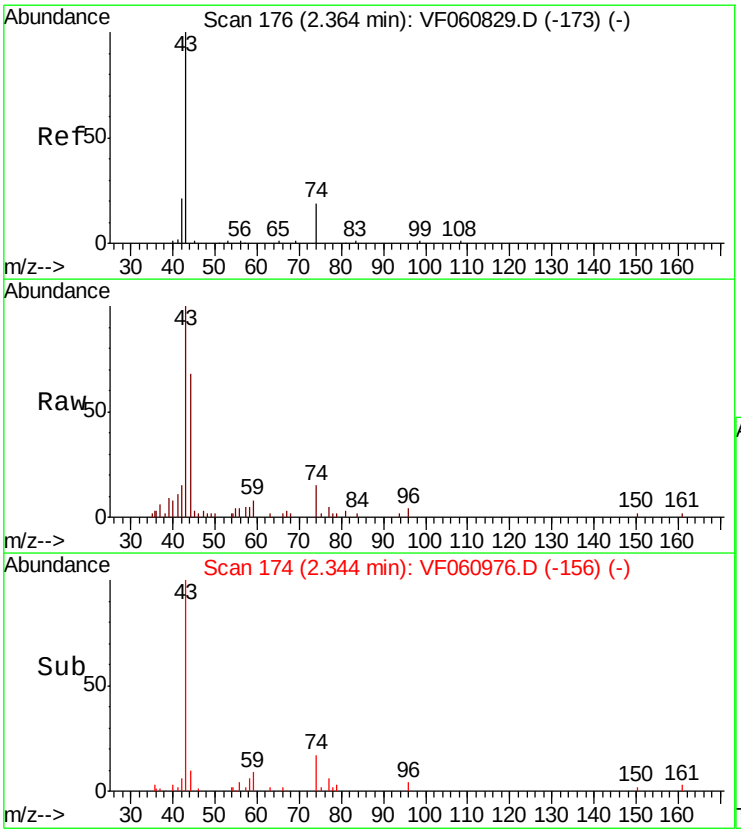
#16
Acetone
Concen: 84.337 ug/l
RT: 2.25 min Scan# 164
Delta R.T. -0.01 min
Lab File: VF060976.D
Acq: 11 Dec 2018 15:05

Instrument :
MSVOA_F
ClientSampleId :
EO-03-120718-CRE

Tgt Ion: 43 Resp: 39769

Ion	Ratio	Lower	Upper
43	100		
58	16.9	11.4	17.2

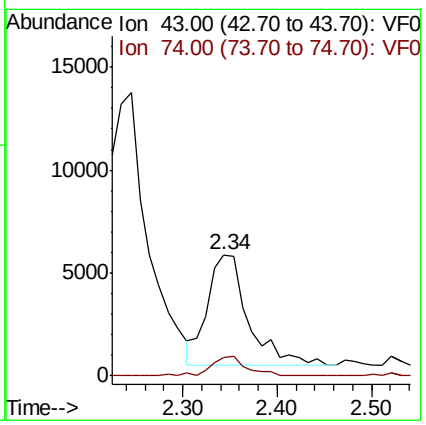


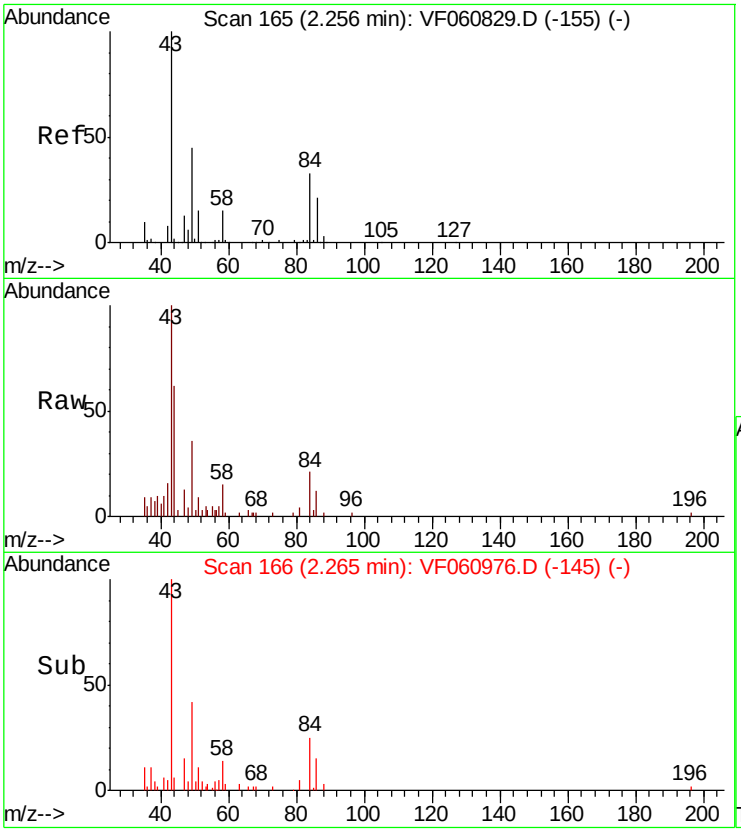


#18
Methyl Acetate
Concen: 19.515 ug/l
RT: 2.34 min Scan# 174
Delta R.T. -0.02 min
Lab File: VF060976.D
Acq: 11 Dec 2018 15:05

Tgt Ion: 43 Resp: 16235

Ion	Ratio	Lower	Upper
43	100		
74	15.5	13.3	19.9



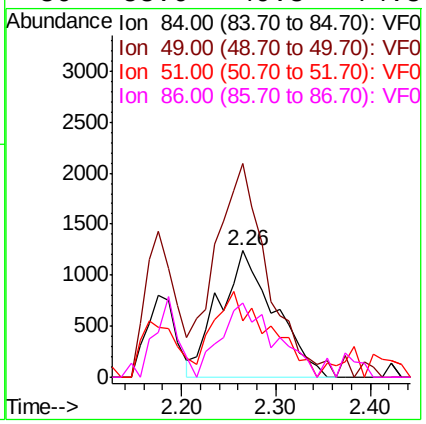


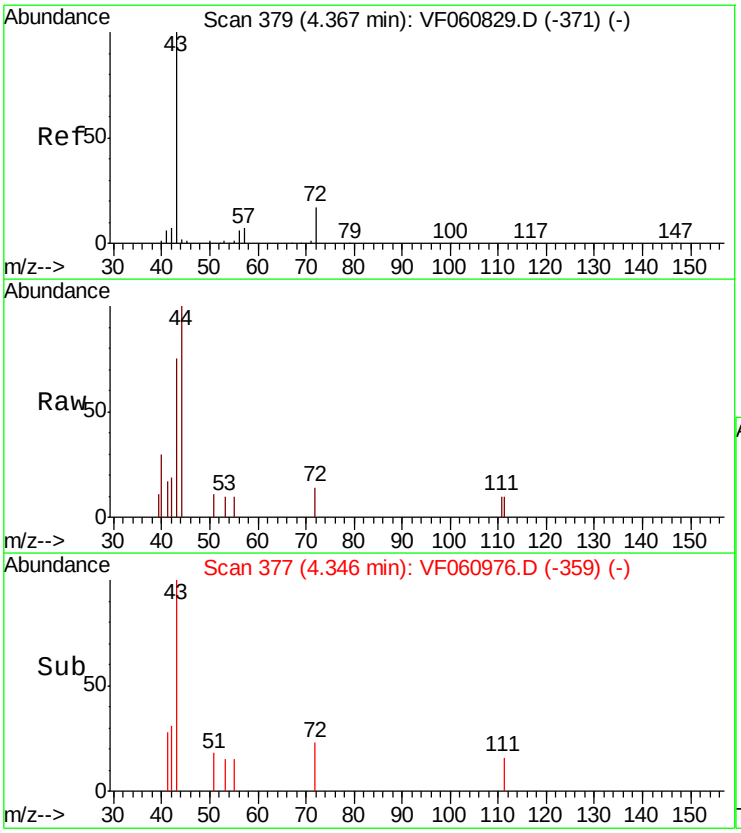
#20
Methylene Chloride
Concen: 2.946 ug/l
RT: 2.26 min Scan# 166
Delta R.T. 0.01 min
Lab File: VF060976.D
Acq: 11 Dec 2018 15:05

Instrument : MSVOA_F
ClientSampleId : EO-03-120718-CRE

Tgt Ion: 84 Resp: 5096

Ion	Ratio	Lower	Upper
84	100		
49	168.8	111.3	166.9#
51	44.6	38.0	57.0
86	58.6	49.8	74.8

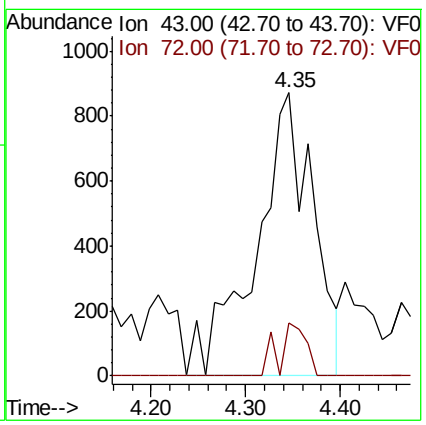


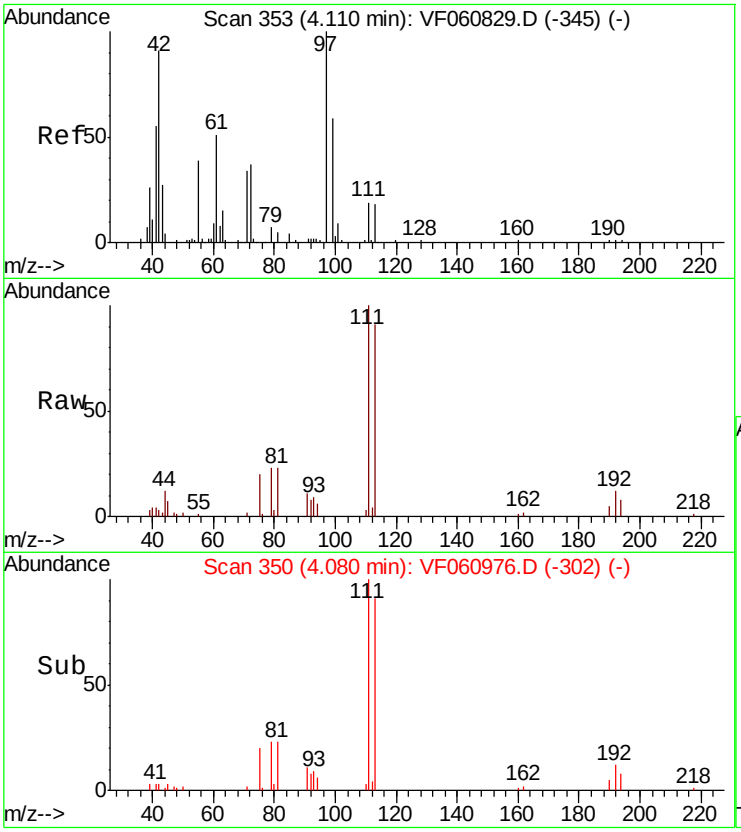


#25
2-Butanone
Concen: 4.489 ug/l
RT: 4.35 min Scan# 377
Delta R.T. -0.02 min
Lab File: VF060976.D
Acq: 11 Dec 2018 15:05

Tgt Ion: 43 Resp: 3661

Ion	Ratio	Lower	Upper
43	100		
72	18.7	15.4	23.2



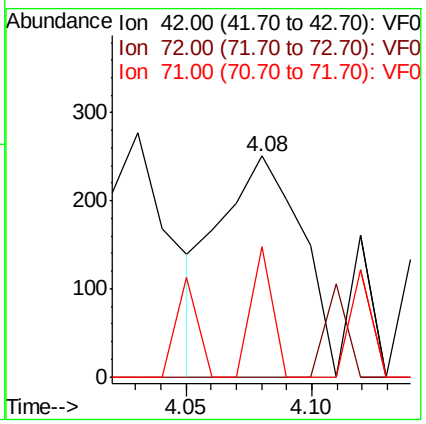


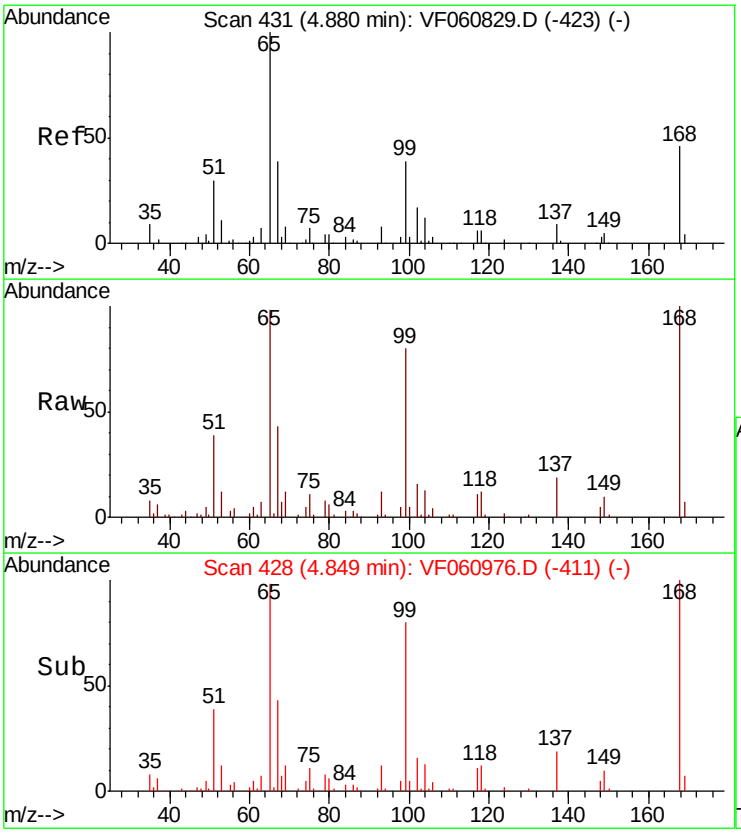
#29
Tetrahydrofuran
Concen: 1.654 ug/l
RT: 4.08 min Scan# 350
Delta R.T. -0.03 min
Lab File: VF060976.D
Acq: 11 Dec 2018 15:05

Instrument : MSVOA_F
ClientSampleId : EO-03-120718-CRE

Tgt Ion: 42 Resp: 572

Ion	Ratio	Lower	Upper
42	100		
72	0.0	31.9	47.9#
71	15.4	28.7	43.1#

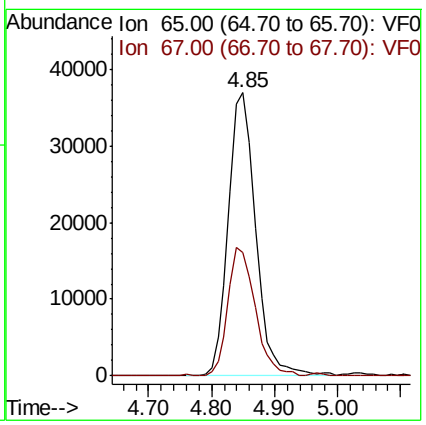


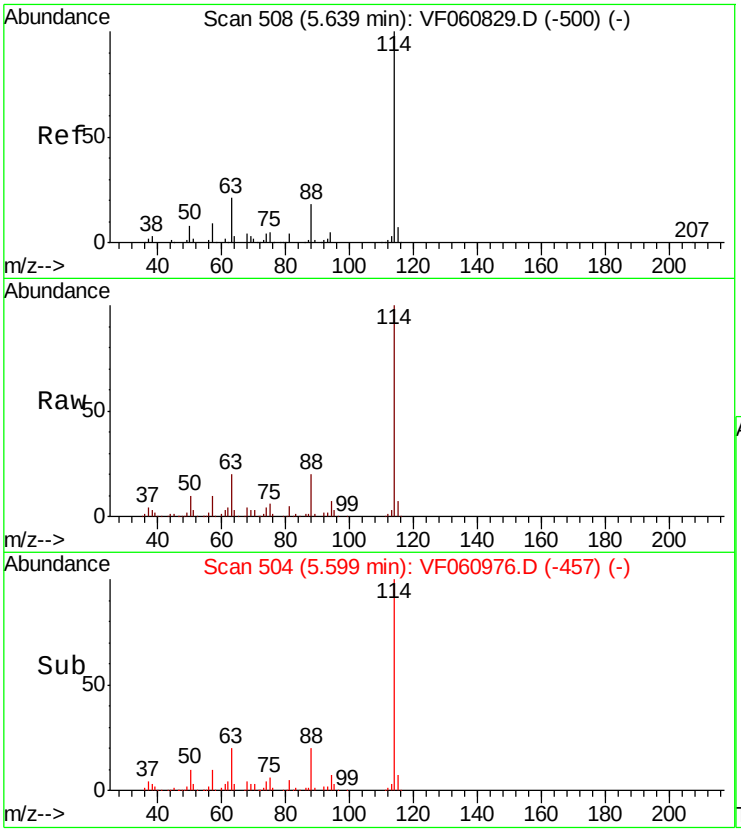


#33
1,2-Dichloroethane-d4
Concen: 43.472 ug/l
RT: 4.85 min Scan# 428
Delta R.T. -0.03 min
Lab File: VF060976.D
Acq: 11 Dec 2018 15:05

Tgt Ion: 65 Resp: 111163

Ion	Ratio	Lower	Upper
65	100		
67	43.6	0.0	96.4



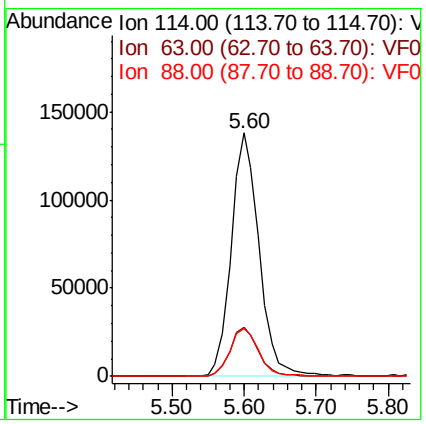


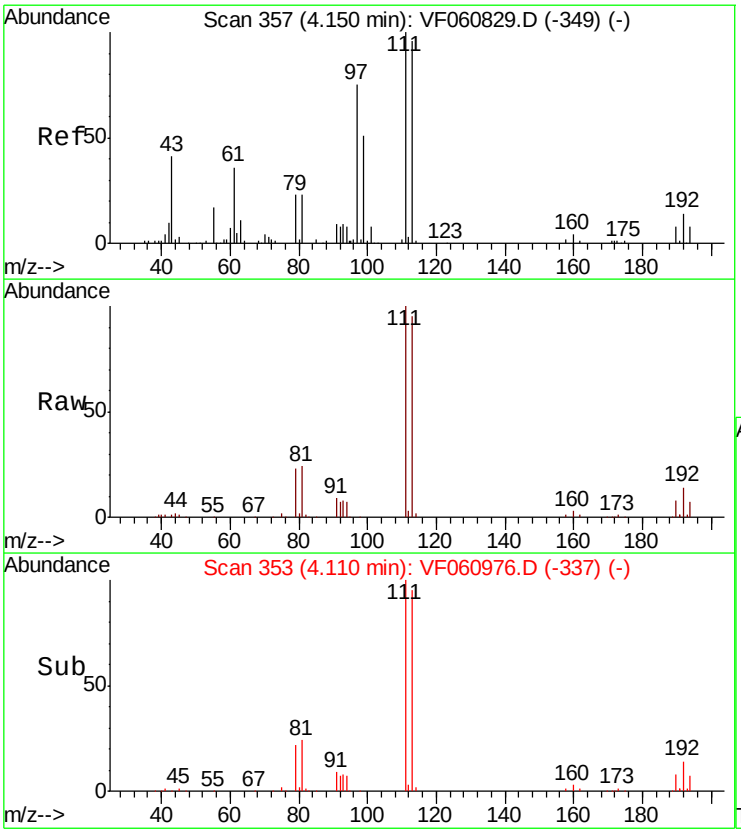
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.60 min Scan# 504
Delta R.T. -0.04 min
Lab File: VF060976.D
Acq: 11 Dec 2018 15:05

Instrument :
MSVOA_F
ClientSampleId :
EO-03-120718-CRE

Tgt Ion:114 Resp: 371527

Ion	Ratio	Lower	Upper
114	100		
63	19.9	0.0	41.6
88	19.7	0.0	36.6

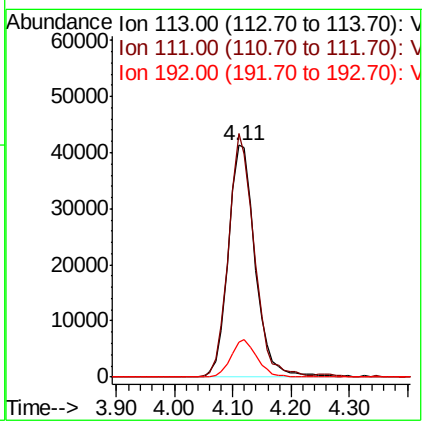


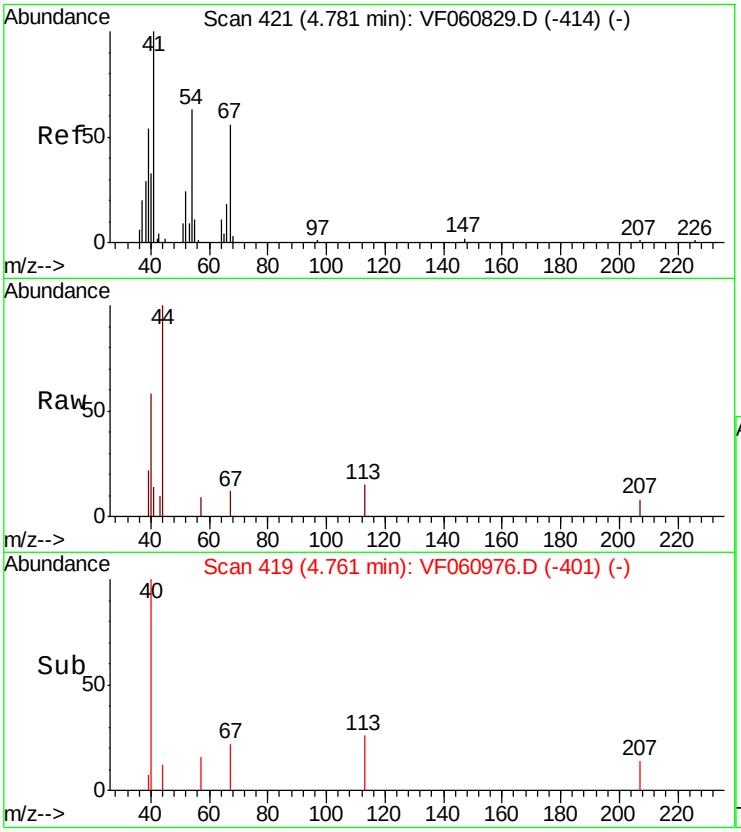


#35
Dibromofluoromethane
Concen: 44.986 ug/l
RT: 4.11 min Scan# 353
Delta R.T. -0.04 min
Lab File: VF060976.D
Acq: 11 Dec 2018 15:05

Tgt Ion:113 Resp: 132594

Ion	Ratio	Lower	Upper
113	100		
111	105.2	83.0	124.6
192	15.0	12.3	18.5



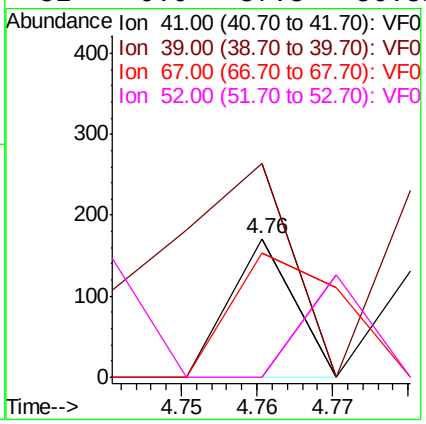


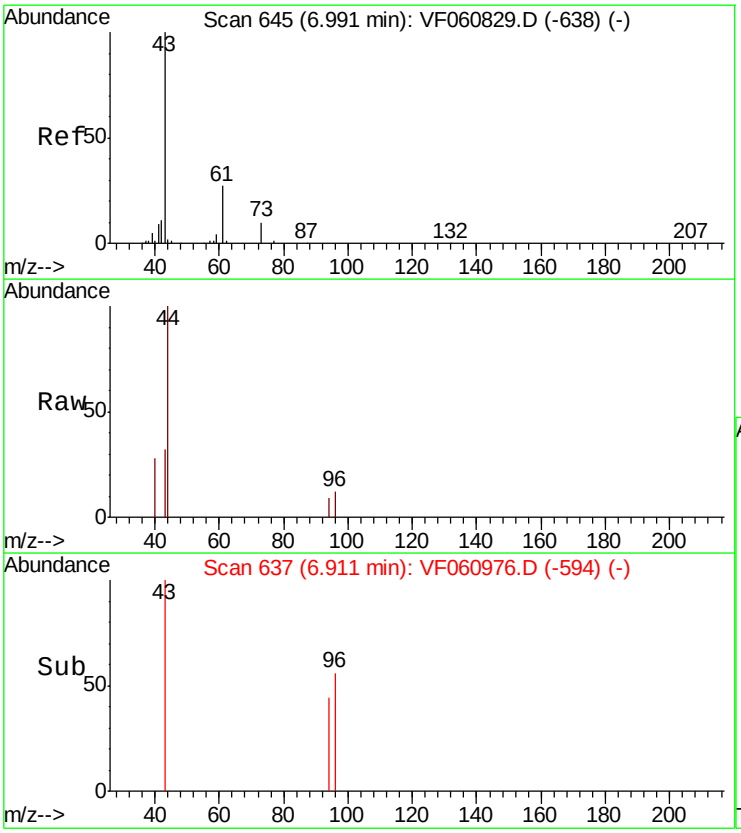
#41
Methacrylonitrile
Concen: Below Cal
RT: 4.76 min Scan# 419
Delta R.T. -0.02 min
Lab File: VF060976.D
Acq: 11 Dec 2018 15:05

Instrument : MSVOA_F
ClientSampleId : EO-03-120718-CRE

Tgt Ion: 41 Resp: 101

Ion	Ratio	Lower	Upper
41	100		
39	154.4	53.0	79.6#
67	89.5	43.8	65.6#
52	0.0	37.8	56.8#

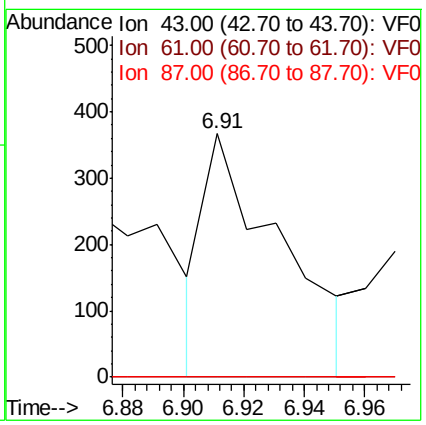


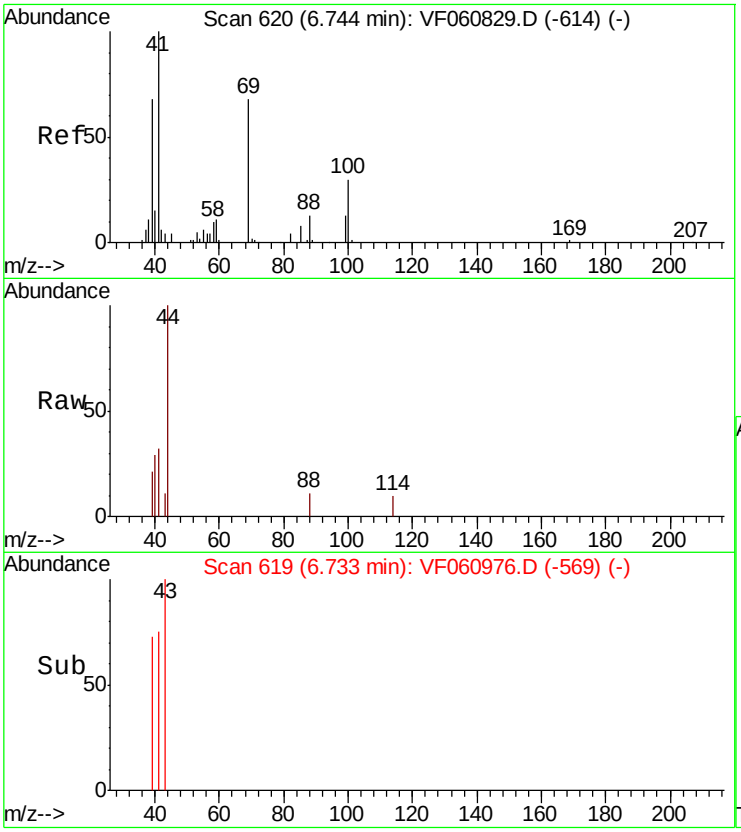


#43
Isopropyl Acetate
Concen: Below Cal
RT: 6.91 min Scan# 637
Delta R.T. -0.08 min
Lab File: VF060976.D
Acq: 11 Dec 2018 15:05

Tgt Ion: 43 Resp: 648

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



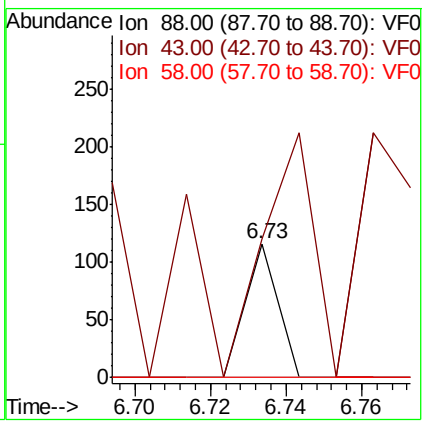


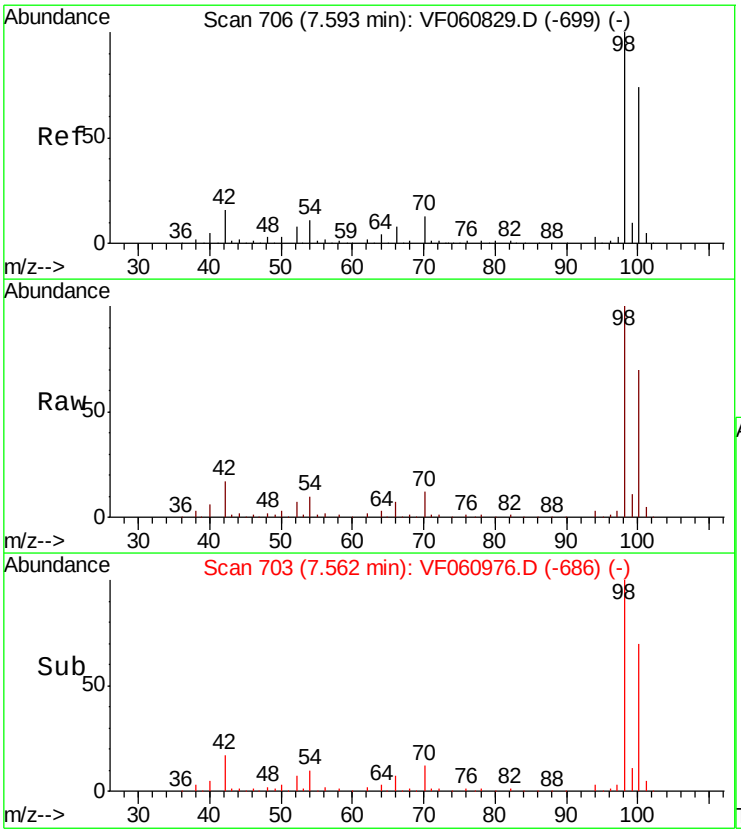
#49
1,4-Dioxane
Concen: 6.220 ug/l
RT: 6.73 min Scan# 619
Delta R.T. -0.01 min
Lab File: VF060976.D
Acq: 11 Dec 2018 15:05

Instrument :
MSVOA_F
ClientSampleId :
EO-03-120718-CRE

Tgt Ion: 88 Resp: 69

Ion	Ratio	Lower	Upper
88	100		
43	103.4	42.0	63.0#
58	0.0	61.8	92.8#

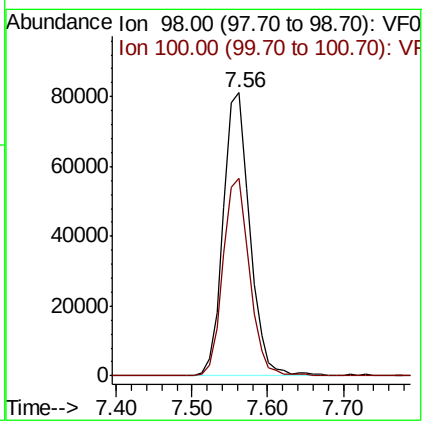


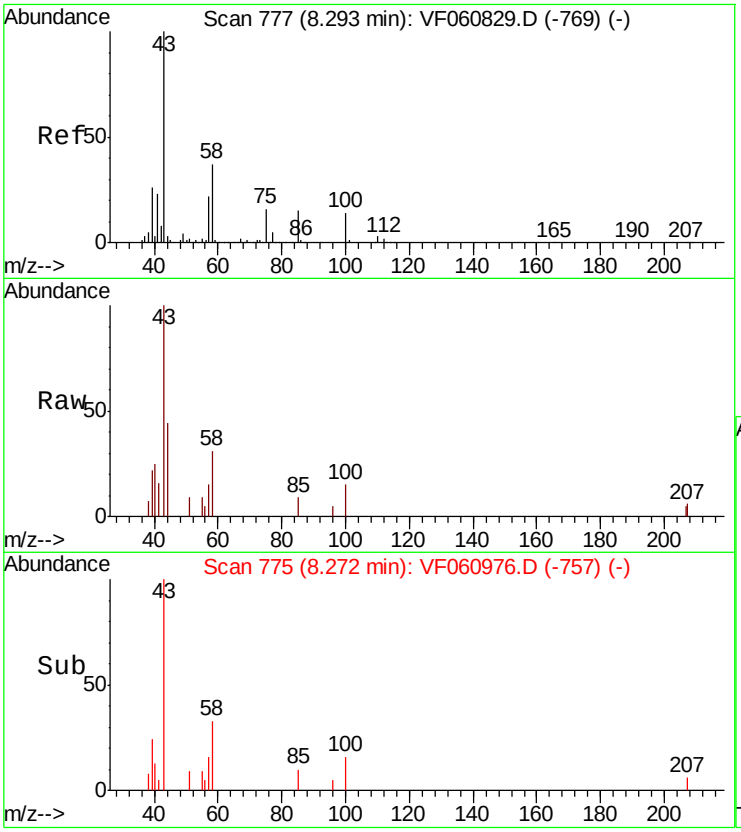


#50
Toluene-d8
Concen: 22.764 ug/l
RT: 7.56 min Scan# 703
Delta R.T. -0.03 min
Lab File: VF060976.D
Acq: 11 Dec 2018 15:05

Tgt Ion: 98 Resp: 197644

Ion	Ratio	Lower	Upper
98	100		
100	69.8	59.3	88.9



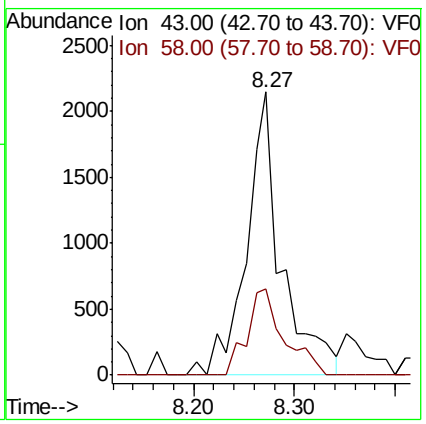


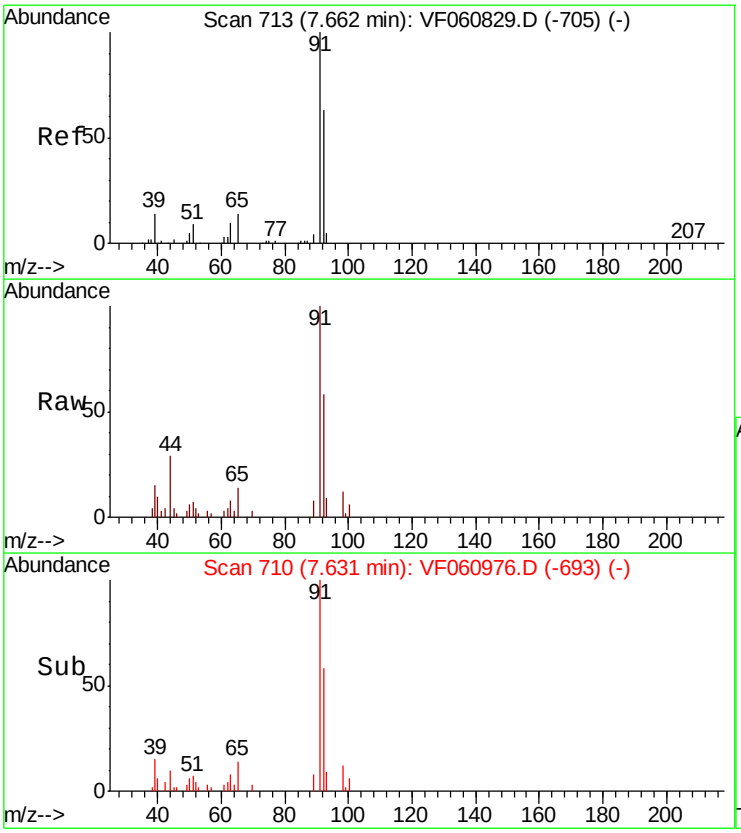
#51
4-Methyl-2-Pentanone
Concen: 3.350 ug/l
RT: 8.27 min Scan# 775
Delta R.T. -0.02 min
Lab File: VF060976.D
Acq: 11 Dec 2018 15:05

Instrument :
MSVOA_F
ClientSampleId :
EO-03-120718-CRE

Tgt Ion: 43 Resp: 5174

Ion	Ratio	Lower	Upper
43	100		
58	30.6	29.7	44.5

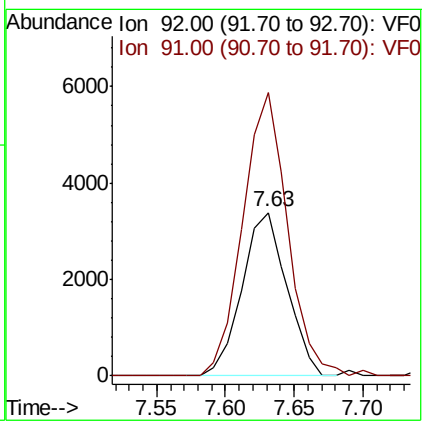


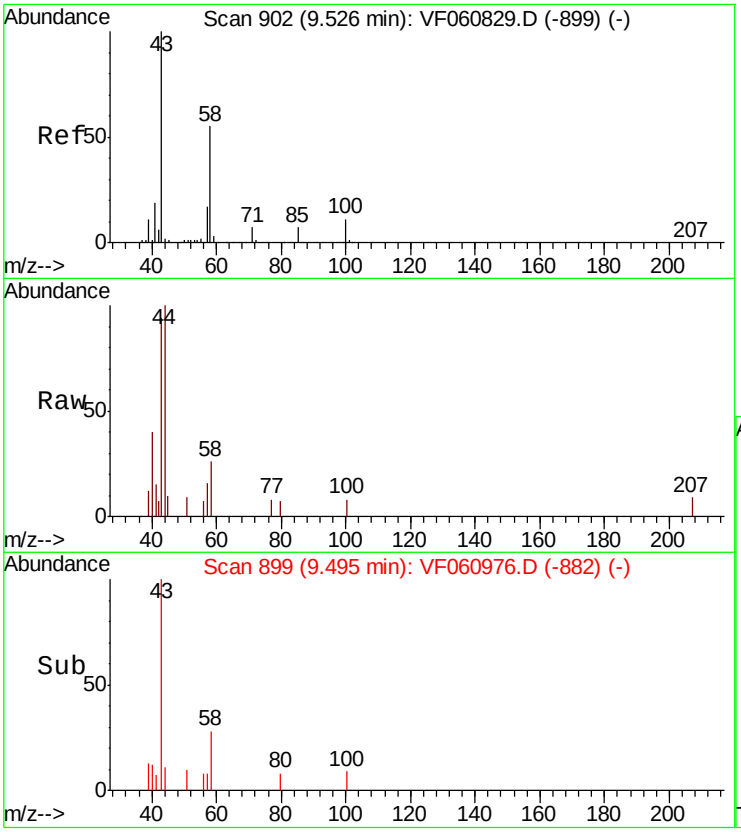


#52
Toluene
Concen: 1.198 ug/l
RT: 7.63 min Scan# 710
Delta R.T. -0.03 min
Lab File: VF060976.D
Acq: 11 Dec 2018 15:05

Tgt Ion: 92 Resp: 7662

Ion	Ratio	Lower	Upper
92	100		
91	173.5	126.2	189.2



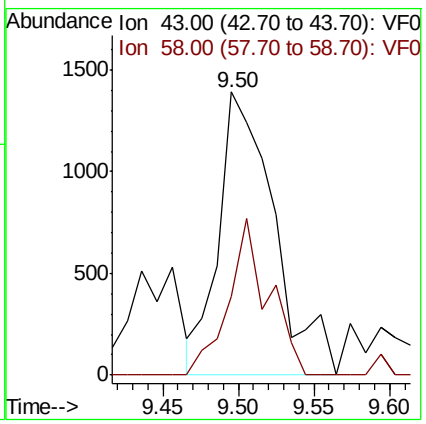


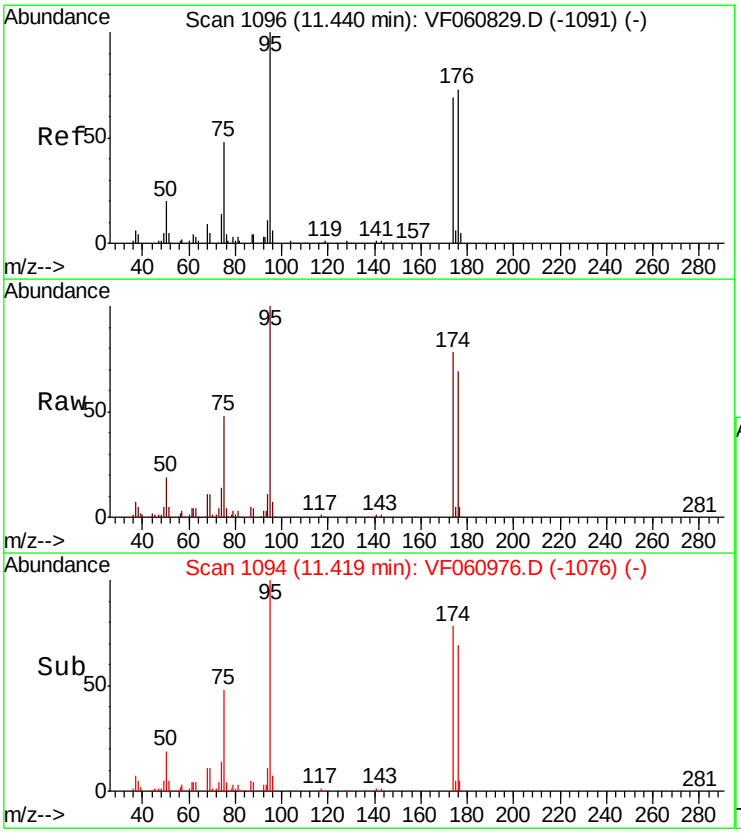
#59
2-Hexanone
Concen: 3.278 ug/l
RT: 9.50 min Scan# 899
Delta R.T. -0.03 min
Lab File: VF060976.D
Acq: 11 Dec 2018 15:05

Instrument :
MSVOA_F
ClientSampleId :
EO-03-120718-CRE

Tgt Ion: 43 Resp: 3551

Ion	Ratio	Lower	Upper
43	100		
58	27.6	25.6	76.6

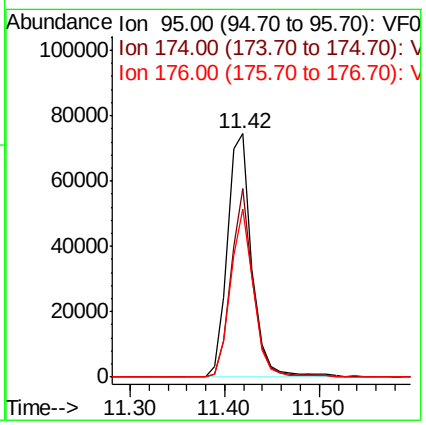


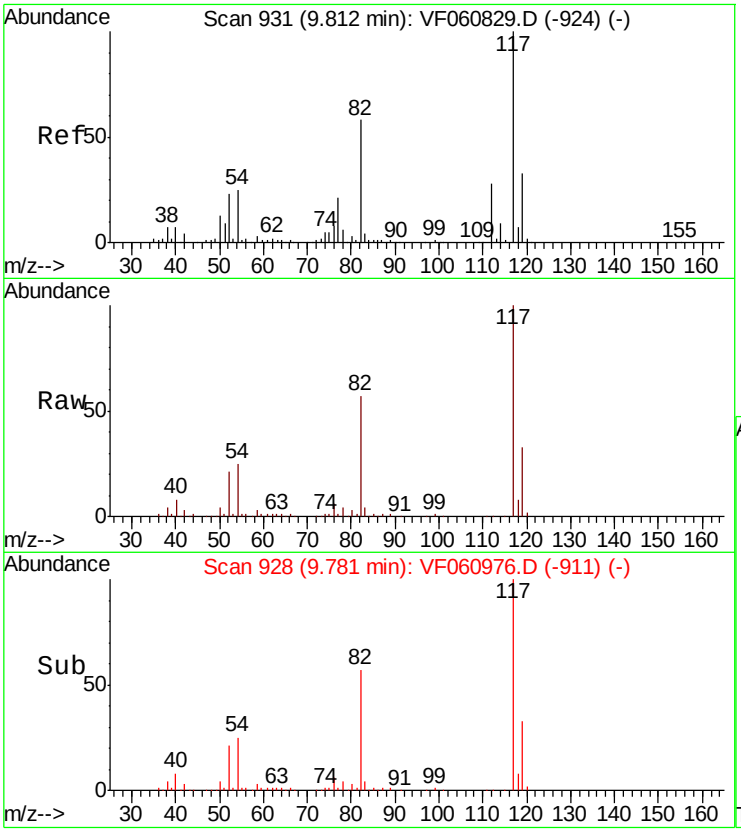


#62
4-Bromofluorobenzene
Concen: 33.755 ug/l
RT: 11.42 min Scan# 1094
Delta R.T. -0.02 min
Lab File: VF060976.D
Acq: 11 Dec 2018 15:05

Tgt Ion: 95 Resp: 133194

Ion	Ratio	Lower	Upper
95	100		
174	77.6	0.0	138.2
176	69.3	0.0	146.2



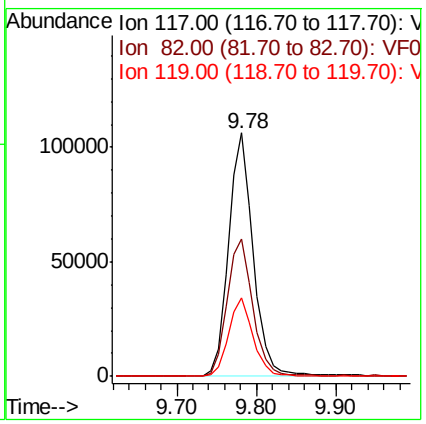


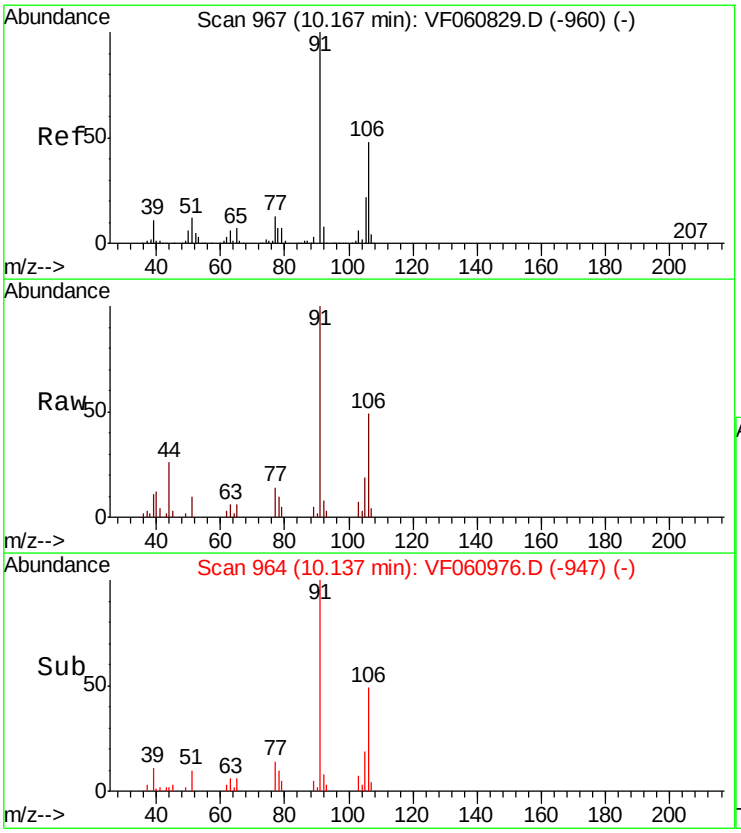
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.78 min Scan# 928
Delta R.T. -0.03 min
Lab File: VF060976.D
Acq: 11 Dec 2018 15:05

Instrument : MSVOA_F
ClientSampleId : EO-03-120718-CRE

Tgt Ion:117 Resp: 230357

Ion	Ratio	Lower	Upper
117	100		
82	56.6	46.6	69.8
119	32.5	26.4	39.6

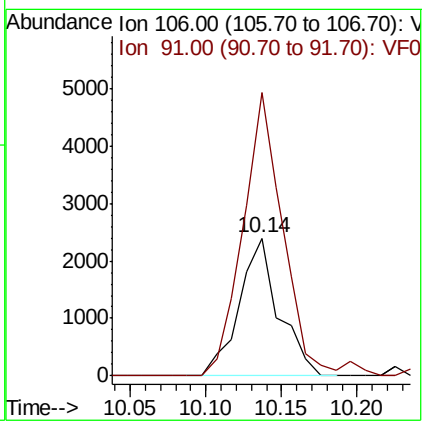


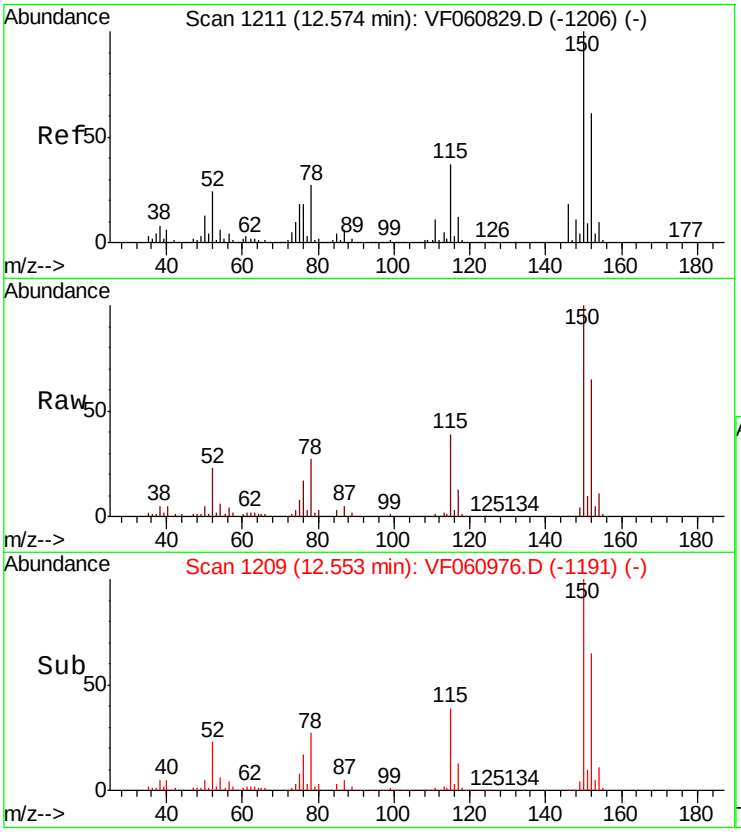


#68
m/p-Xylenes
Concen: 1.457 ug/l
RT: 10.14 min Scan# 964
Delta R.T. -0.03 min
Lab File: VF060976.D
Acq: 11 Dec 2018 15:05

Tgt Ion:106 Resp: 4372

Ion	Ratio	Lower	Upper
106	100		
91	205.9	166.7	250.1



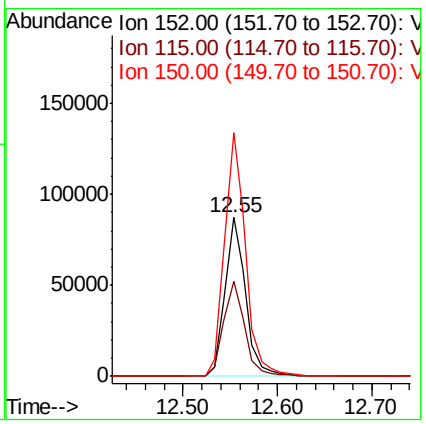


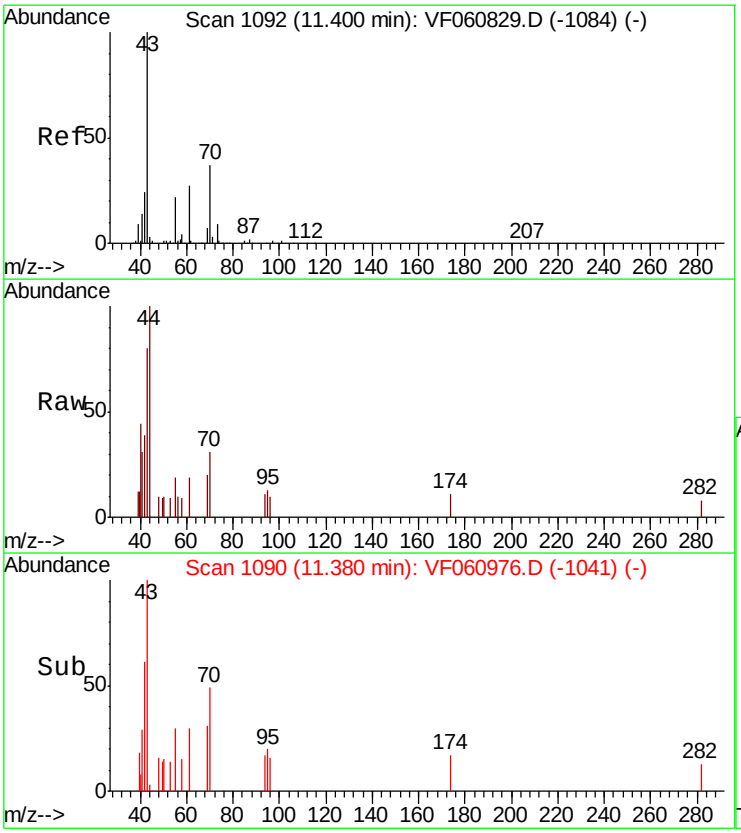
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.55 min Scan# 1209
Delta R.T. -0.02 min
Lab File: VF060976.D
Acq: 11 Dec 2018 15:05

Instrument : MSVOA_F
ClientSampleId : EO-03-120718-CRE

Tgt Ion:152 Resp: 131816

Ion	Ratio	Lower	Upper
152	100		
115	59.7	30.1	90.5
150	153.1	0.0	327.6

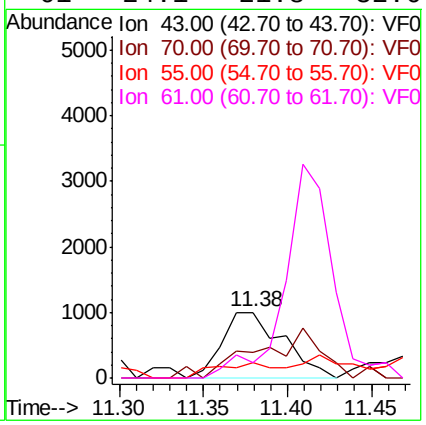


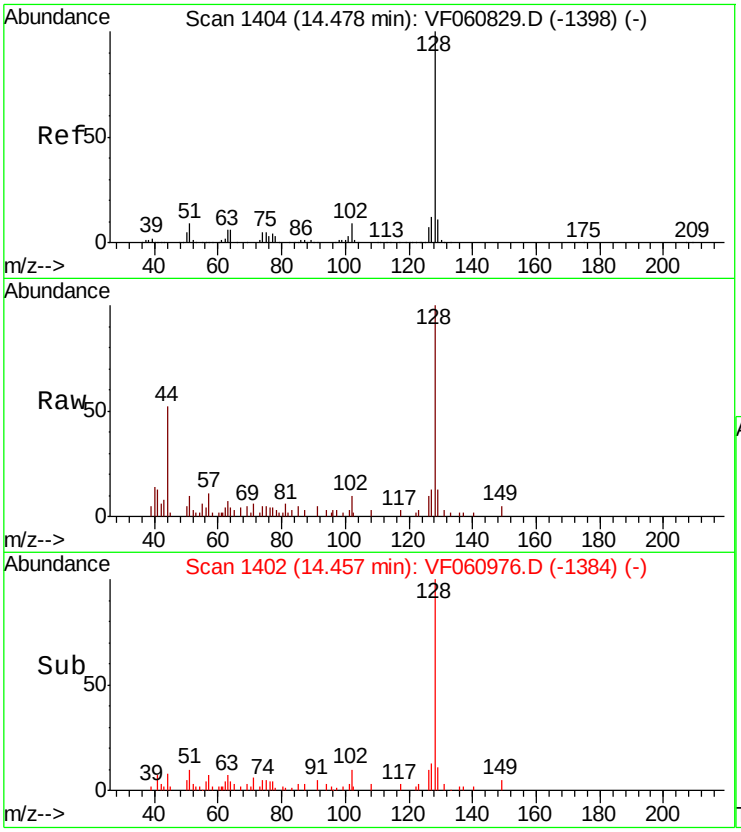


#74
N-amyl acetate
Concen: 1.041 ug/l
RT: 11.38 min Scan# 1090
Delta R.T. -0.02 min
Lab File: VF060976.D
Acq: 11 Dec 2018 15:05

Tgt Ion: 43 Resp: 2504

Ion	Ratio	Lower	Upper
43	100		
70	39.2	29.6	44.4
55	24.1	17.2	25.8
61	24.1	21.8	32.6





#95
Naphthalene
Concen: Below Cal
RT: 14.46 min Scan# 1402
Delta R.T. -0.02 min
Lab File: VF060976.D
Acq: 11 Dec 2018 15:05

Instrument :
MSVOA_F
ClientSampleId :
EO-03-120718-CRE

Tgt Ion:128 Resp: 8561

Ion	Ratio	Lower	Upper
128	100		
127	12.5	9.9	14.9
129	13.1	9.1	13.7