Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF121018\
Data File : VF060955.D
Acq On : 10 Dec 2018 15:56
Operator : VA/AP
Sample : J6196-01RE
Misc : 6.83g/5mL/MSVOA-F/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId :

Quant Time: Dec 11 04:57:14 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	4.86	168	266377	50.00	ug/l	-0.05
34) 1,4-Difluorobenzene	5.60	114	431918	50.00	ug/l	-0.04
63) Chlorobenzene-d5	9.78	117	385659	50.00	ug/l	-0.04
72) 1,4-Dichlorobenzene-d4	12.55	152	178161	50.00	ug/l	-0.03
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.84	65	138081	44.00	ug/l	-0.04
Spiked Amount 50.000			Recovery = 88.00%			
35) Dibromofluoromethane	4.11	113	148875	43.45	ug/l	-0.04
Spiked Amount 50.000			Recovery = 86.90%			
50) Toluene-d8	7.56	98	369193	36.58	ug/l	-0.04
Spiked Amount 50.000			Recovery = 73.16%			
62) 4-Bromofluorobenzene	11.40	95	169361	36.92	ug/l	-0.04
Spiked Amount 50.000			Recovery = 73.84%			
Target Compounds						Qvalue
13) Acrolein	1.89	56	562	4.611	ug/l	95
15) Acrylonitrile	2.93	53	1308	4.536	ug/l #	15
16) Acetone	2.24	43	25972	44.882	ug/l #	86
18) Methyl Acetate	2.24	43	25972	25.959	ug/l #	61
20) Methylene Chloride	2.28	84	13587	6.400	ug/l	95
25) 2-Butanone	4.34	43	5690	5.685	ug/l #	86
29) Tetrahydrofuran	4.08	42	1088	2.564	ug/l #	56
41) Methacrylonitrile	4.75	41	780	Below Cal	#	23
43) Isopropyl Acetate	6.90	43	2186	Below Cal	#	49
49) 1,4-Dioxane	7.11	88	67	5.195	ug/l #	7
51) 4-Methyl-2-Pentanone	8.28	43	4145	2.309	ug/l #	38
52) Toluene	7.63	92	11549	1.554	ug/l	98
56) Ethyl methacrylate	8.62	69	4571	1.900	ug/l	93
59) 2-Hexanone	9.51	43	2532	2.010	ug/l	78
68) m/p-Xylenes	10.13	106	9476	1.886	ug/l	90
69) o-Xylene	10.71	106	8985	1.622	ug/l	98
80) 1,3,5-Trimethylbenzene	11.82	105	18457	1.615	ug/l	93
84) 1,2,4-Trimethylbenzene	12.20	105	40498	3.550	ug/l	91
86) p-Isopropyltoluene	12.43	119	13365	1.000	ug/l	91
95) Naphthalene	14.45	128	79003	7.504	ug/l	96

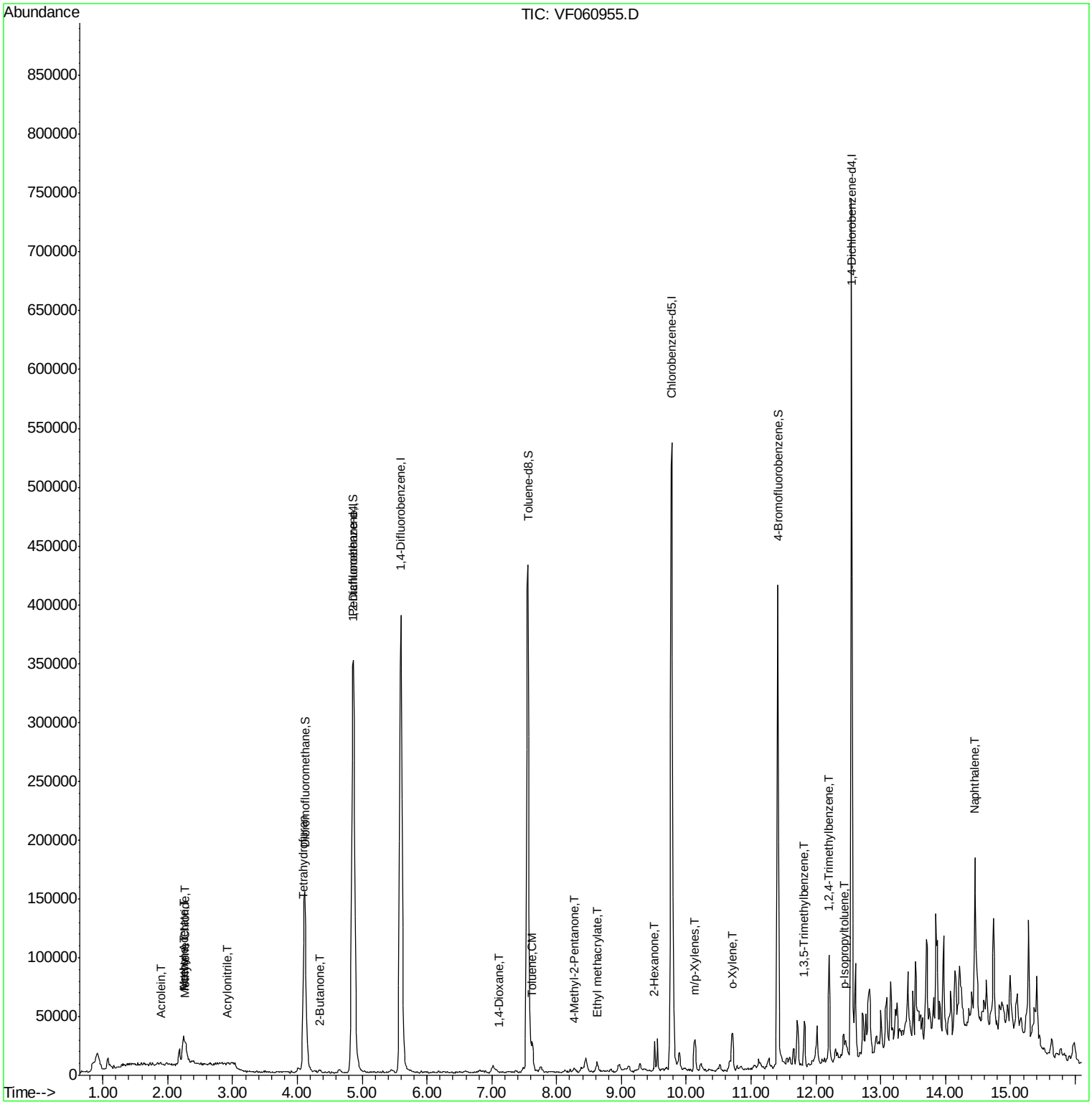
(#) = qualifier out of range (m) = manual integration (+) = signals summed

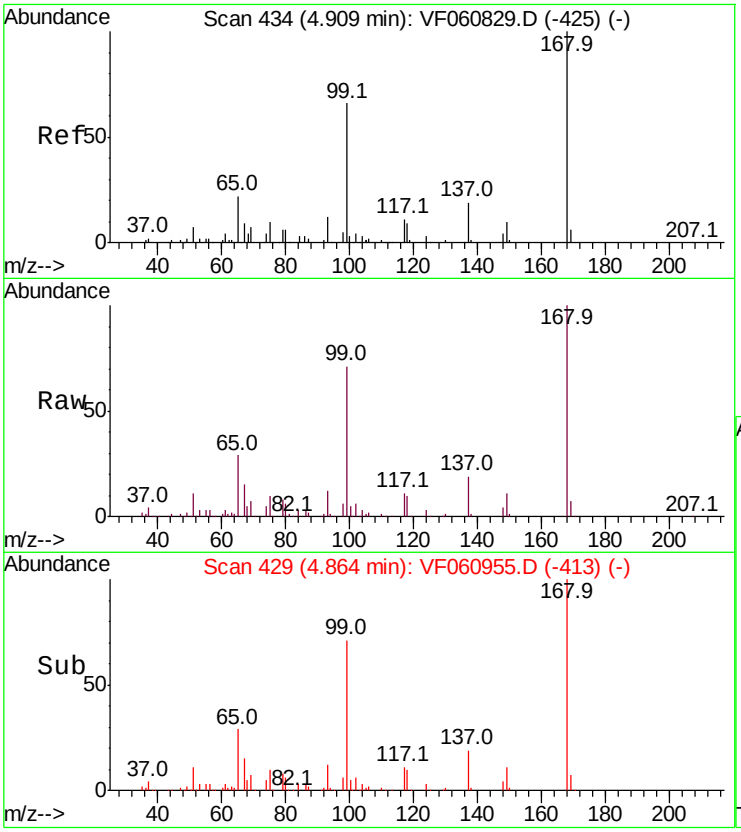
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF121018\
Data File : VF060955.D
Acq On : 10 Dec 2018 15:56
Operator : VA/AP
Sample : J6196-01RE
Misc : 6.83g/5mL/MSVOA-F/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :

Quant Time: Dec 11 04:57:14 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



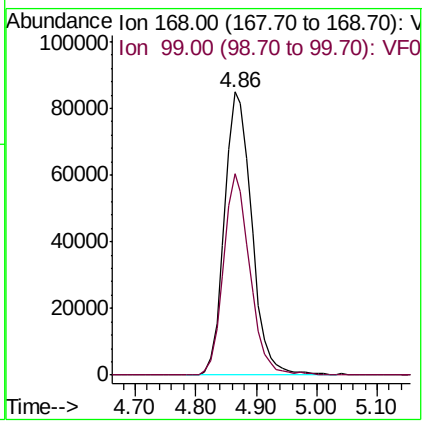


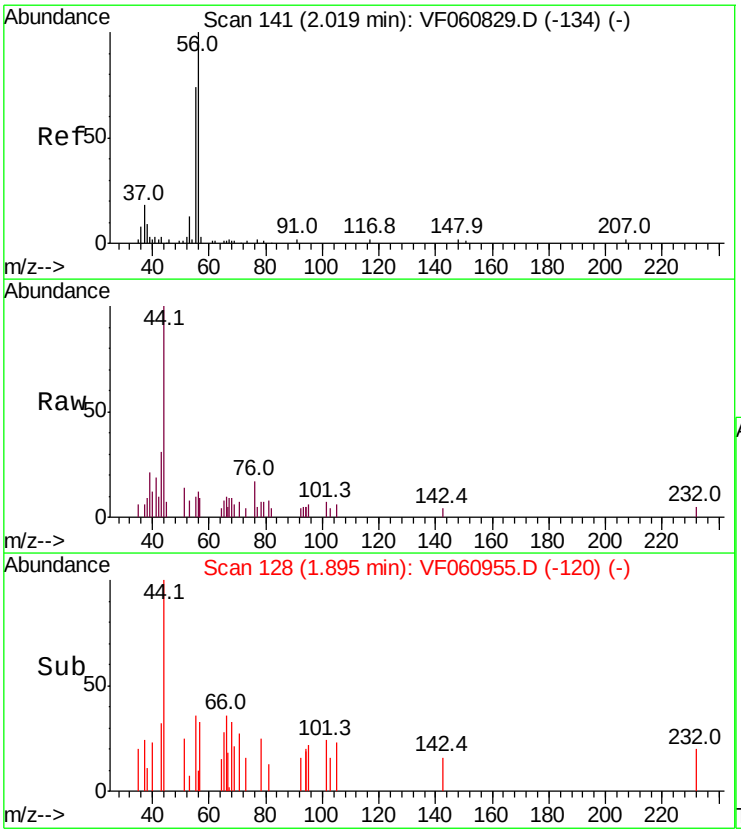
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 4.86 min Scan# 429
Delta R.T. -0.05 min
Lab File: VF060955.D
Acq: 10 Dec 2018 15:56

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion:168 Resp: 266377

Ion	Ratio	Lower	Upper
168	100		
99	71.4	52.6	79.0

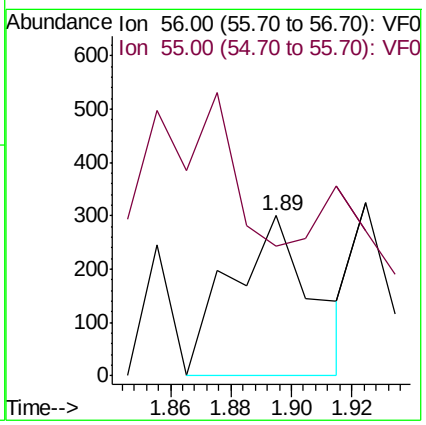


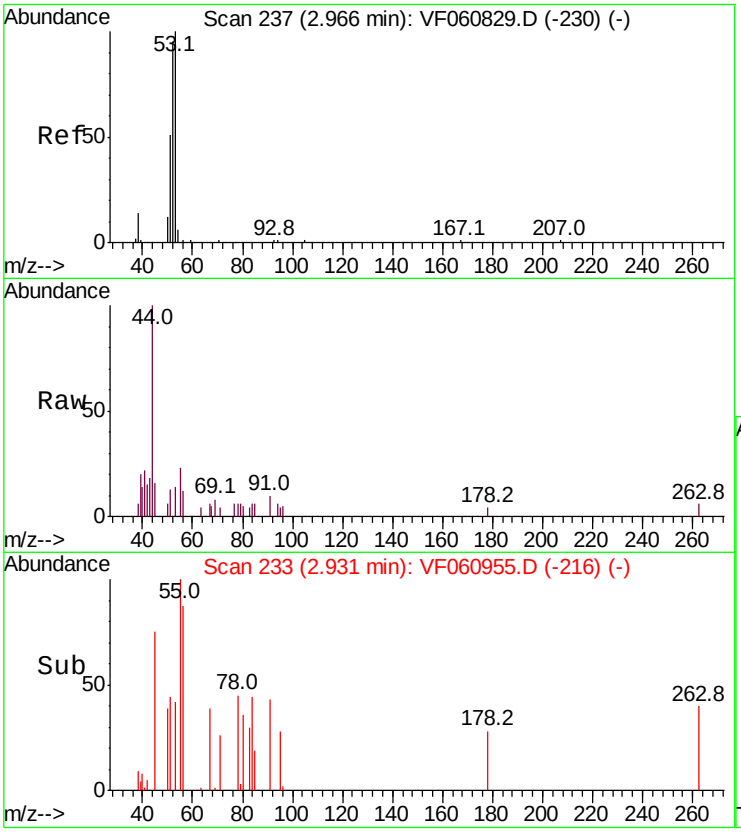


#13
Acrolein
Concen: 4.611 ug/l
RT: 1.89 min Scan# 128
Delta R.T. -0.12 min
Lab File: VF060955.D
Acq: 10 Dec 2018 15:56

Tgt Ion: 56 Resp: 562

Ion	Ratio	Lower	Upper
56	100		
55	81.0	61.2	91.8



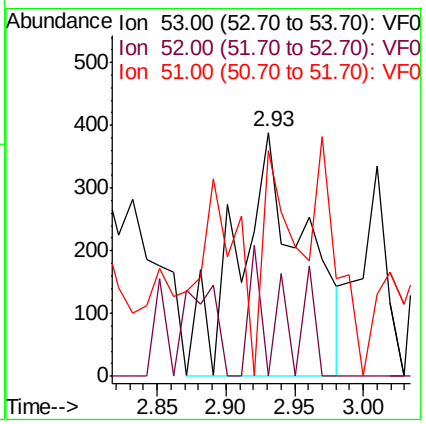


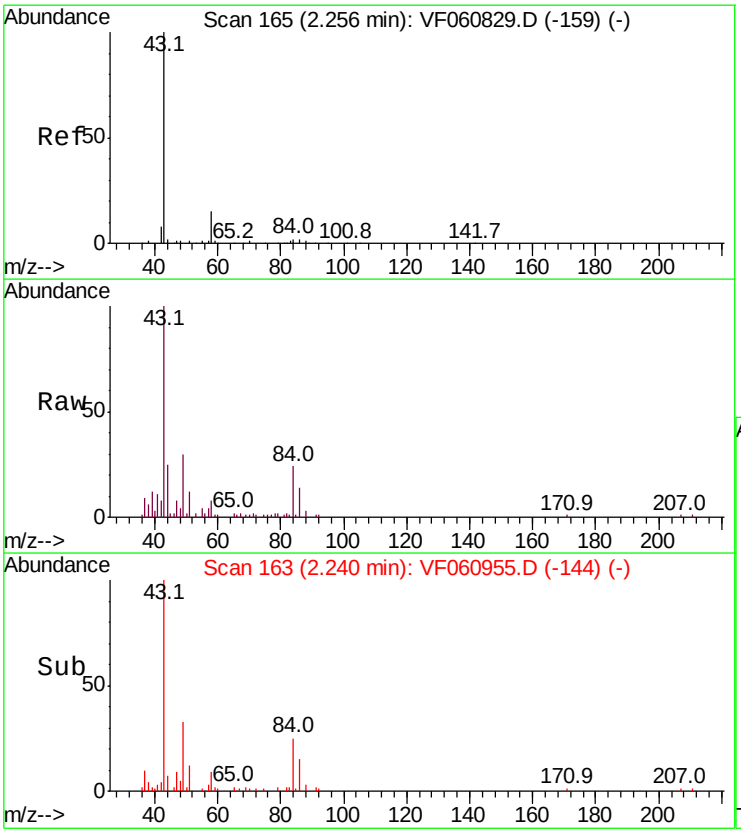
#15
Acrylonitrile
Concen: 4.536 ug/l
RT: 2.93 min Scan# 233
Delta R.T. -0.04 min
Lab File: VF060955.D
Acq: 10 Dec 2018 15:56

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 53 Resp: 1308

Ion	Ratio	Lower	Upper
53	100		
52	0.0	76.5	114.7#
51	92.5	40.7	61.1#

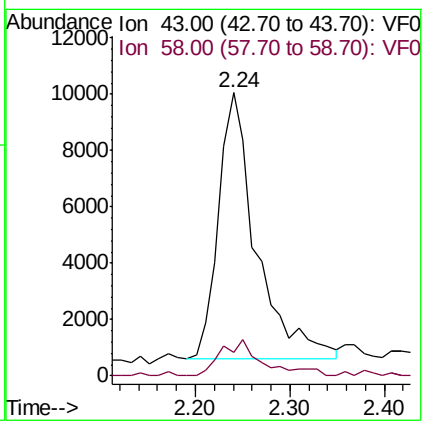


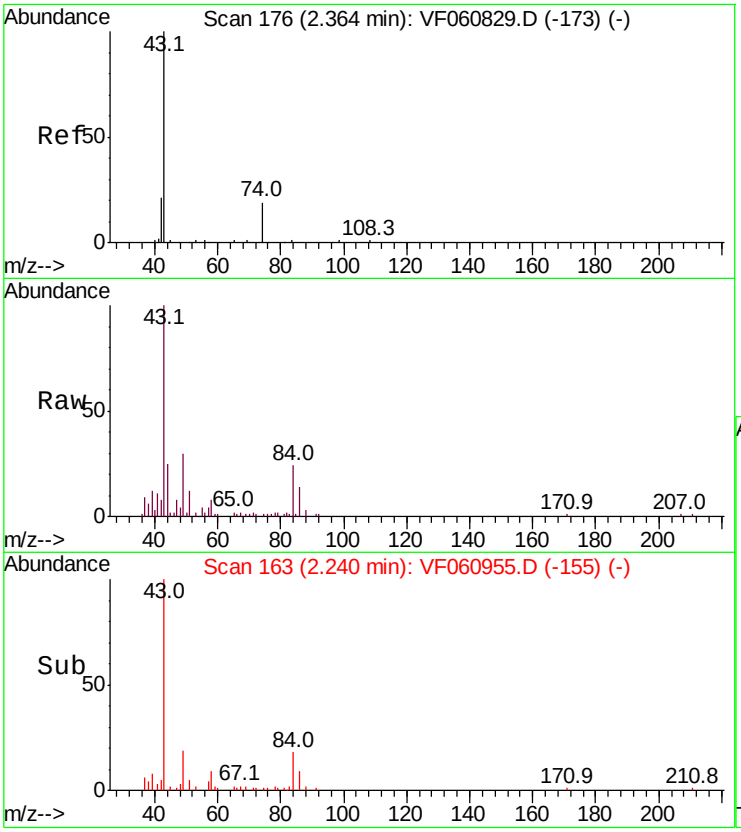


#16
Acetone
Concen: 44.882 ug/l
RT: 2.24 min Scan# 163
Delta R.T. -0.02 min
Lab File: VF060955.D
Acq: 10 Dec 2018 15:56

Tgt Ion: 43 Resp: 25972

Ion	Ratio	Lower	Upper
43	100		
58	8.5	11.4	17.2#



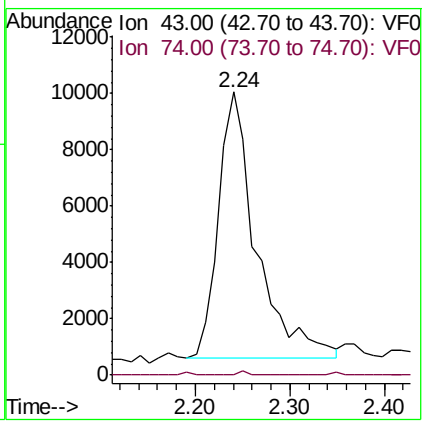


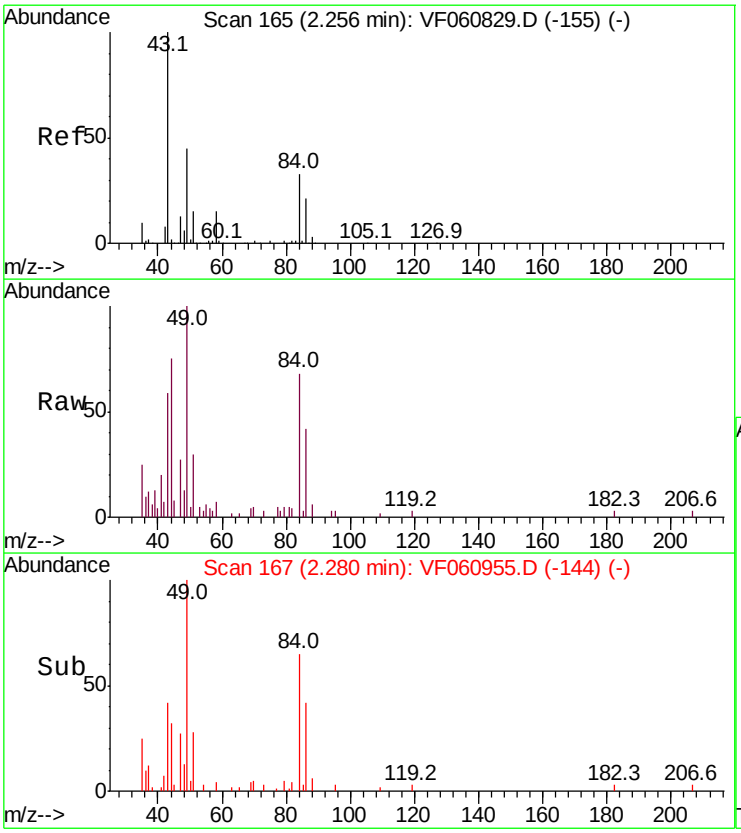
#18
Methyl Acetate
Concen: 25.959 ug/l
RT: 2.24 min Scan# 163
Delta R.T. -0.12 min
Lab File: VF060955.D
Acq: 10 Dec 2018 15:56

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 43 Resp: 25972

Ion	Ratio	Lower	Upper
43	100		
74	0.0	13.3	19.9#

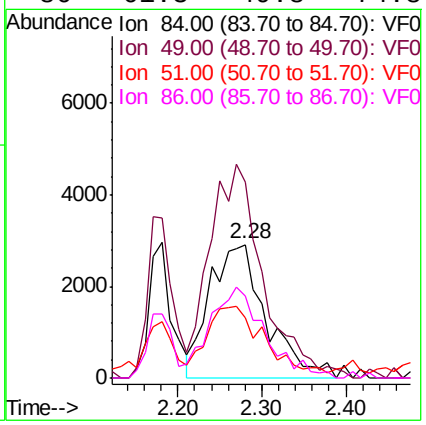


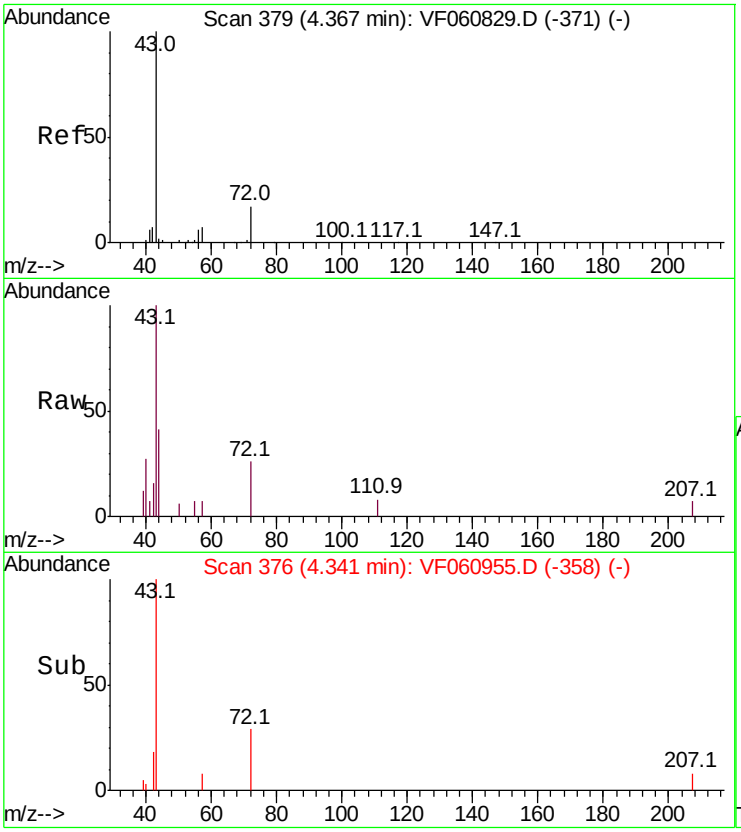


#20
Methylene Chloride
Concen: 6.400 ug/l
RT: 2.28 min Scan# 167
Delta R.T. 0.02 min
Lab File: VF060955.D
Acq: 10 Dec 2018 15:56

Tgt Ion: 84 Resp: 13587

Ion	Ratio	Lower	Upper
84	100		
49	146.7	111.3	166.9
51	44.7	38.0	57.0
86	61.3	49.8	74.8



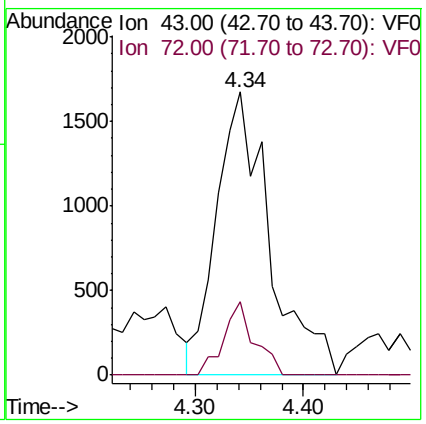


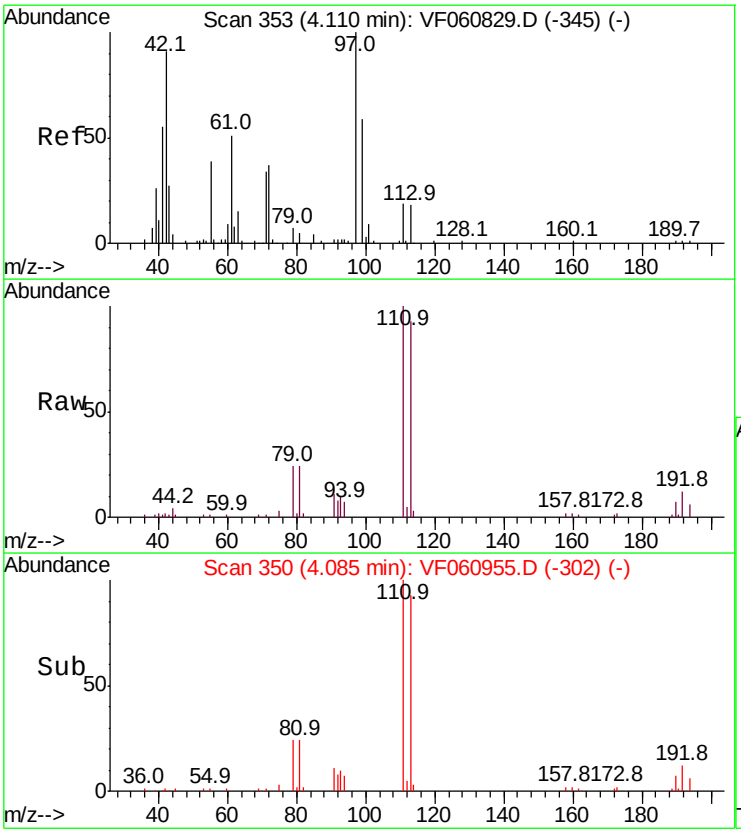
#25
2-Butanone
Concen: 5.685 ug/l
RT: 4.34 min Scan# 376
Delta R.T. -0.03 min
Lab File: VF060955.D
Acq: 10 Dec 2018 15:56

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 43 Resp: 5690

Ion	Ratio	Lower	Upper
43	100		
72	25.8	15.4	23.2#

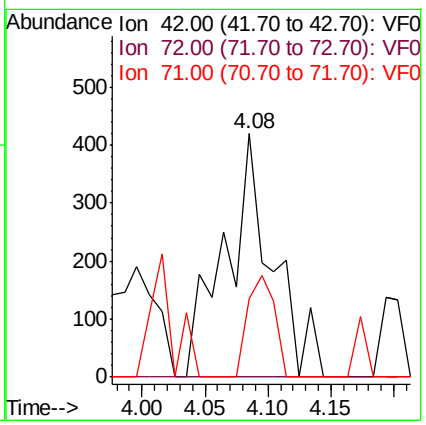


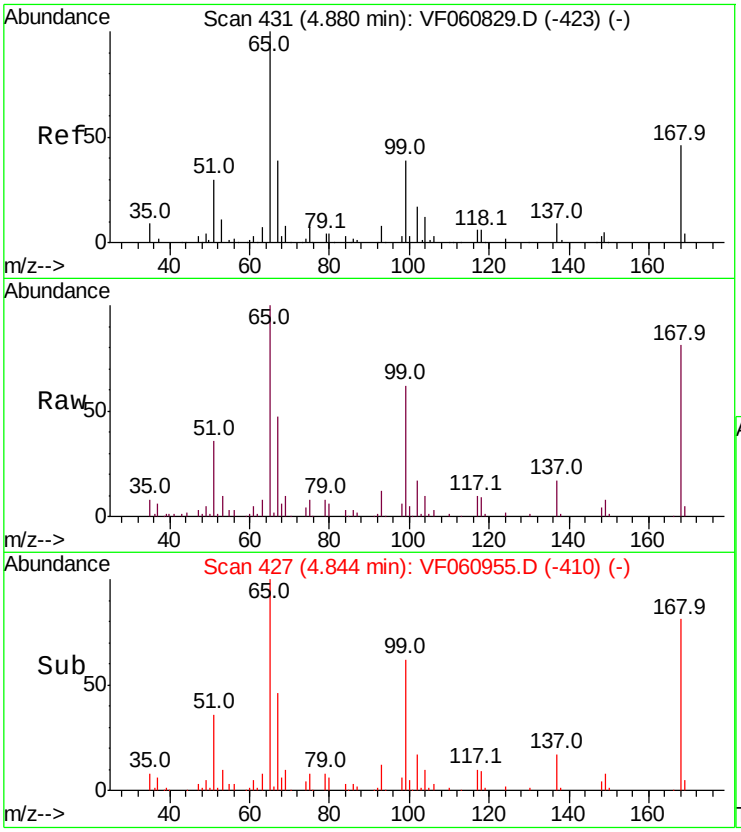


#29
Tetrahydrofuran
Concen: 2.564 ug/l
RT: 4.08 min Scan# 350
Delta R.T. -0.03 min
Lab File: VF060955.D
Acq: 10 Dec 2018 15:56

Tgt Ion: 42 Resp: 1088

Ion	Ratio	Lower	Upper
42	100		
72	0.0	31.9	47.9#
71	23.9	28.7	43.1#



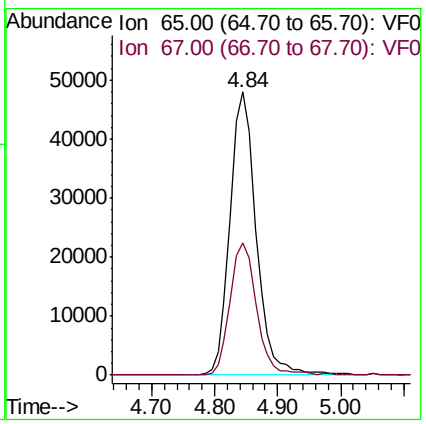


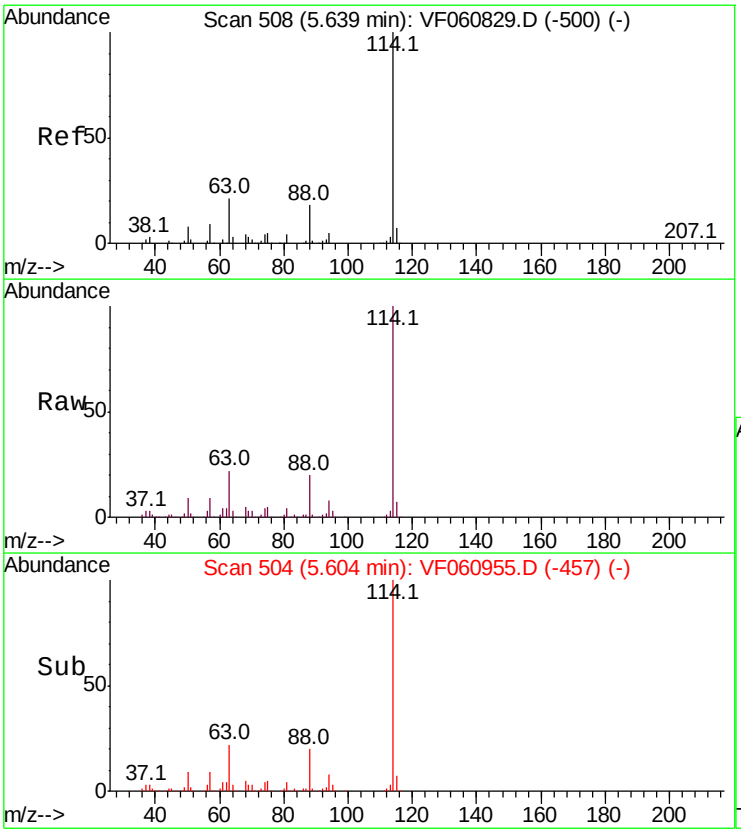
#33
1,2-Dichloroethane-d4
Concen: 44.003 ug/l
RT: 4.84 min Scan# 427
Delta R.T. -0.04 min
Lab File: VF060955.D
Acq: 10 Dec 2018 15:56

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 65 Resp: 138081

Ion	Ratio	Lower	Upper
65	100		
67	46.7	0.0	96.4

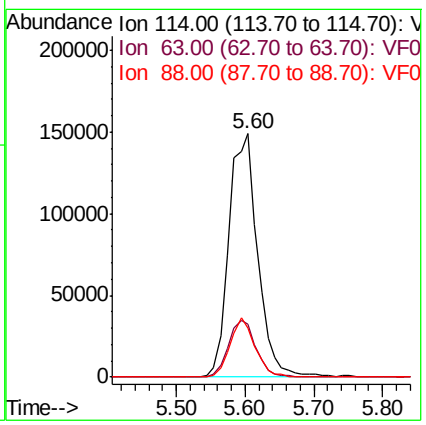


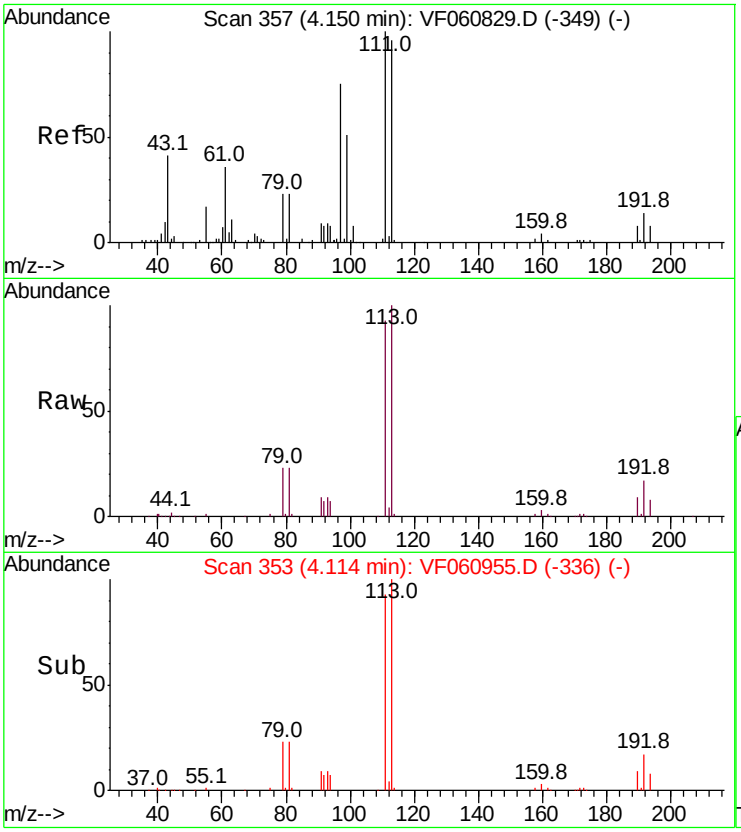


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.60 min Scan# 504
Delta R.T. -0.04 min
Lab File: VF060955.D
Acq: 10 Dec 2018 15:56

Tgt Ion:114 Resp: 431918

Ion	Ratio	Lower	Upper
114	100		
63	21.7	0.0	41.6
88	19.9	0.0	36.6



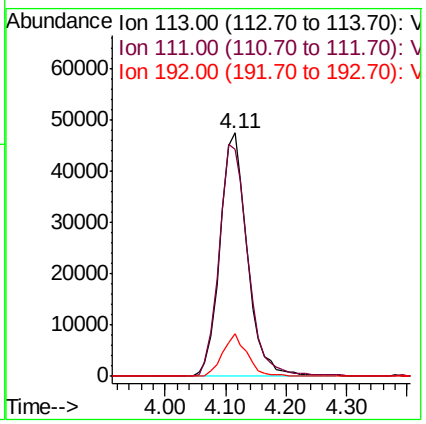


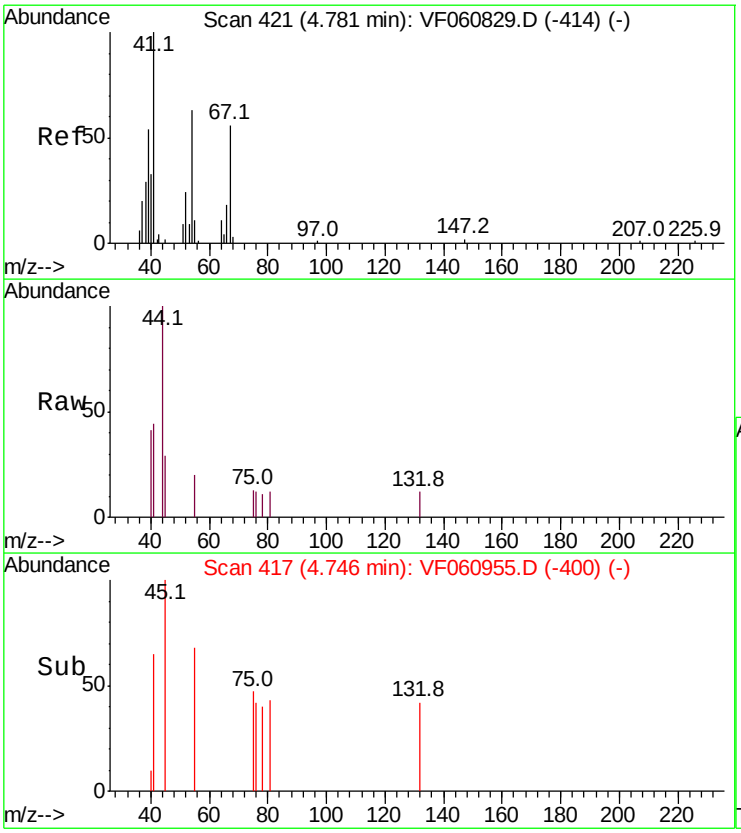
#35
Dibromofluoromethane
Concen: 43.448 ug/l
RT: 4.11 min Scan# 353
Delta R.T. -0.04 min
Lab File: VF060955.D
Acq: 10 Dec 2018 15:56

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion:113 Resp: 148875

Ion	Ratio	Lower	Upper
113	100		
111	93.3	83.0	124.6
192	17.5	12.3	18.5

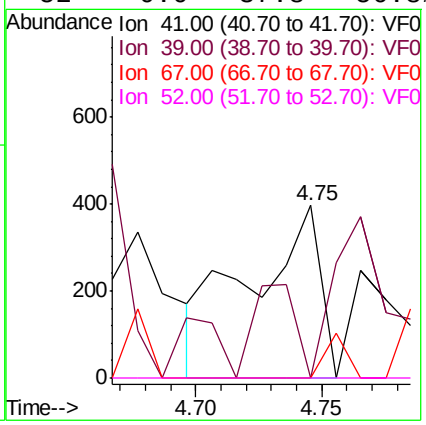


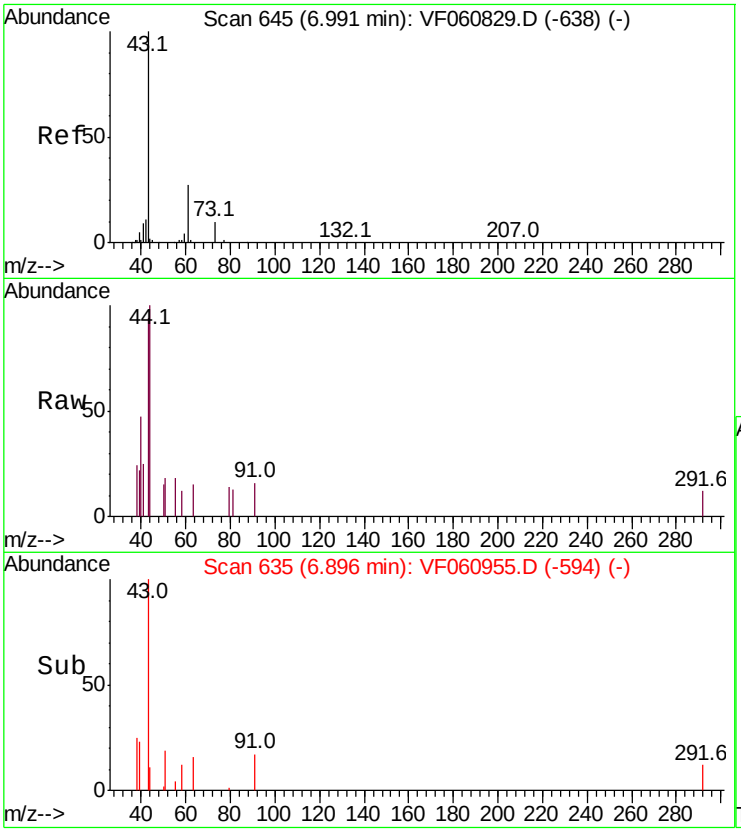


#41
Methacrylonitrile
Concen: Below Cal
RT: 4.75 min Scan# 417
Delta R.T. -0.04 min
Lab File: VF060955.D
Acq: 10 Dec 2018 15:56

Tgt Ion: 41 Resp: 780

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



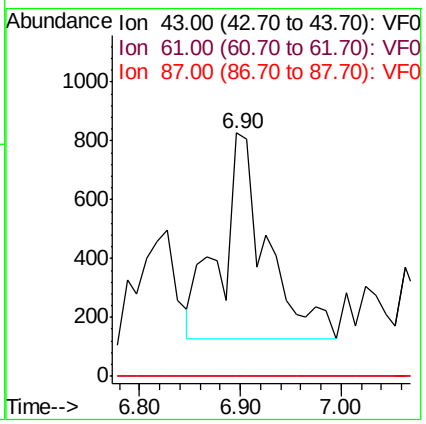


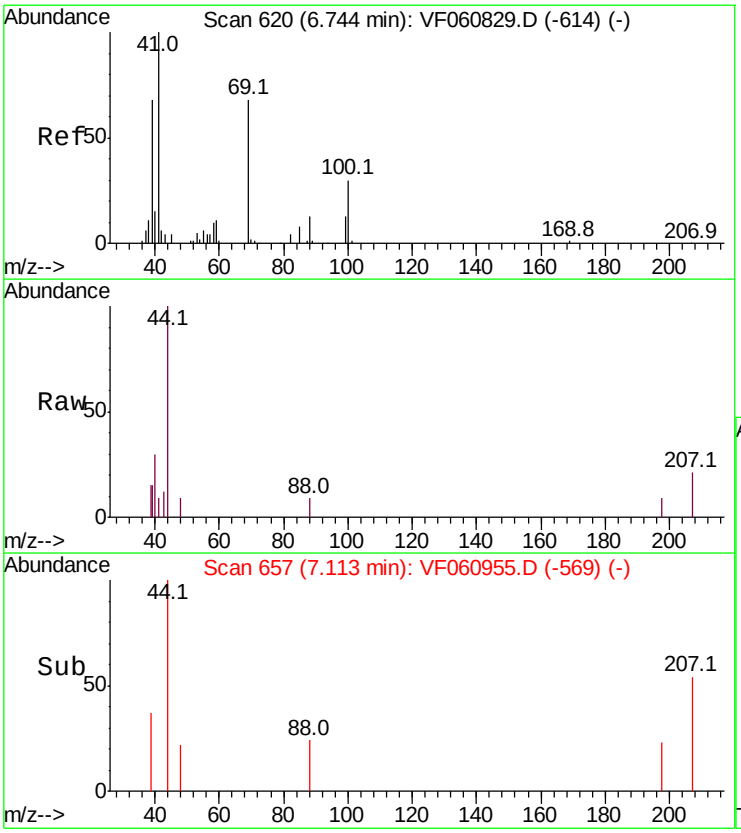
#43
Isopropyl Acetate
Concen: Below Cal
RT: 6.90 min Scan# 635
Delta R.T. -0.09 min
Lab File: VF060955.D
Acq: 10 Dec 2018 15:56

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 43 Resp: 2186

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

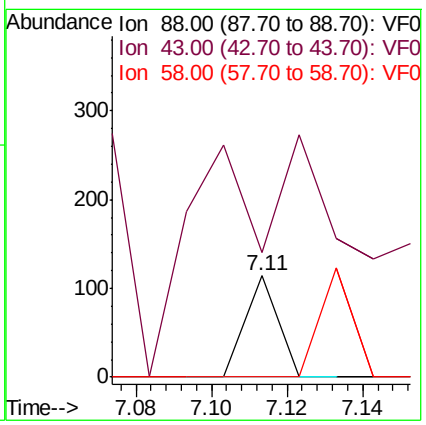


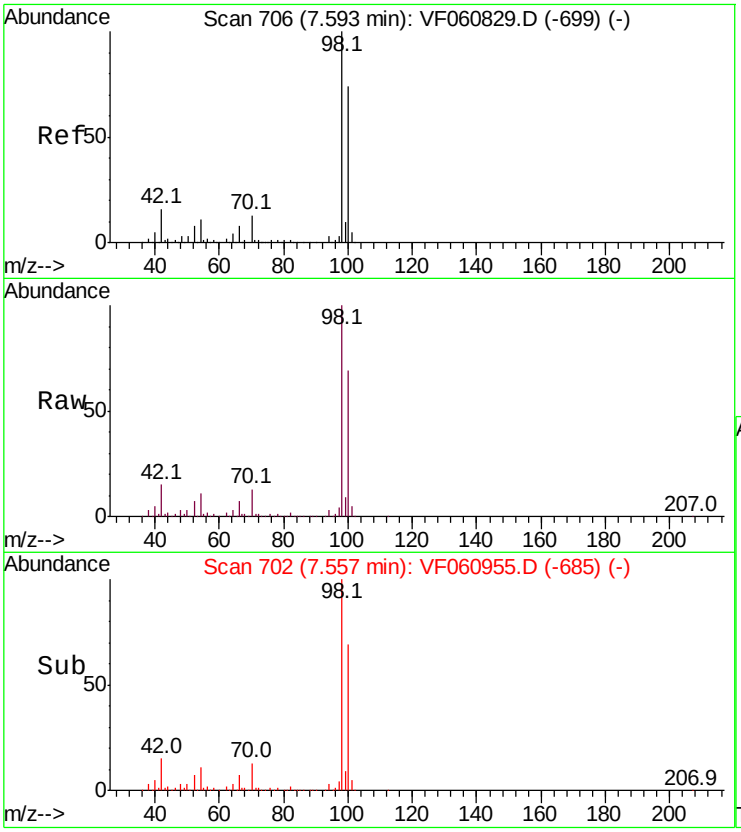


#49
1,4-Dioxane
Concen: 5.195 ug/l
RT: 7.11 min Scan# 657
Delta R.T. 0.37 min
Lab File: VF060955.D
Acq: 10 Dec 2018 15:56

Tgt Ion: 88 Resp: 67

Ion	Ratio	Lower	Upper
88	100		
43	122.8	42.0	63.0#
58	0.0	61.8	92.8#



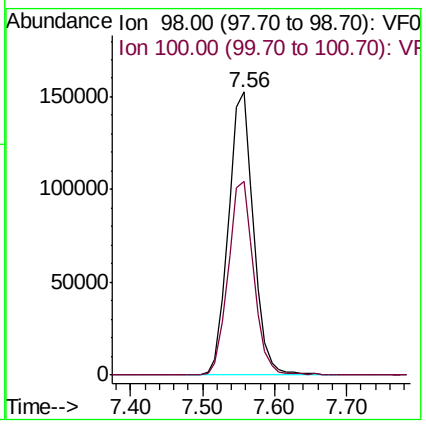


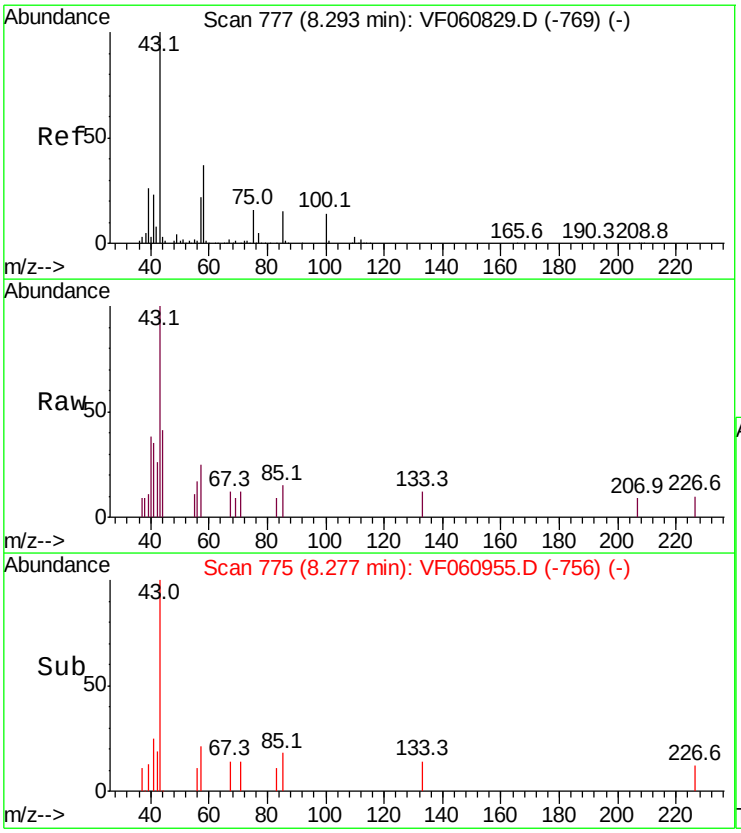
#50
Toluene-d8
Concen: 36.577 ug/l
RT: 7.56 min Scan# 702
Delta R.T. -0.04 min
Lab File: VF060955.D
Acq: 10 Dec 2018 15:56

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 98 Resp: 369193

Ion	Ratio	Lower	Upper
98	100		
100	68.5	59.3	88.9

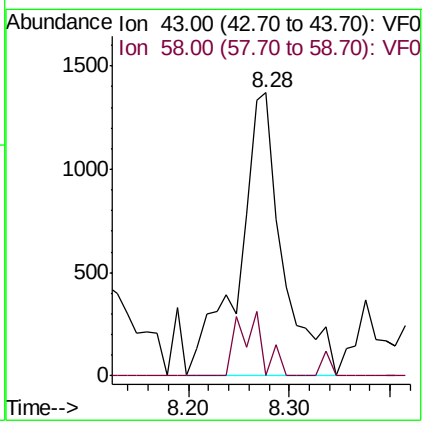


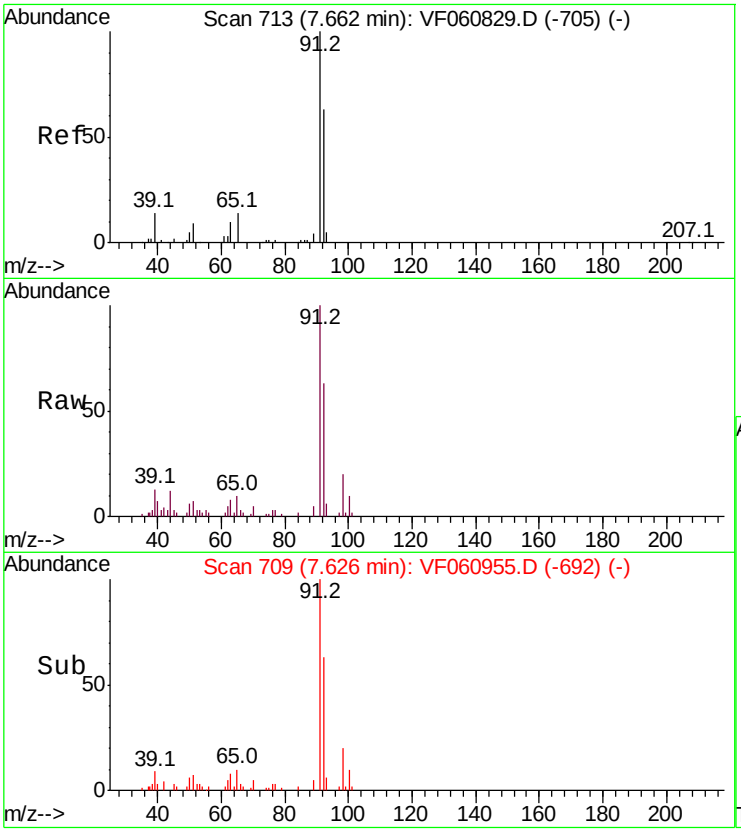


#51
4-Methyl-2-Pentanone
Concen: 2.309 ug/l
RT: 8.28 min Scan# 775
Delta R.T. -0.02 min
Lab File: VF060955.D
Acq: 10 Dec 2018 15:56

Tgt Ion: 43 Resp: 4145

Ion	Ratio	Lower	Upper
43	100		
58	0.0	29.7	44.5#



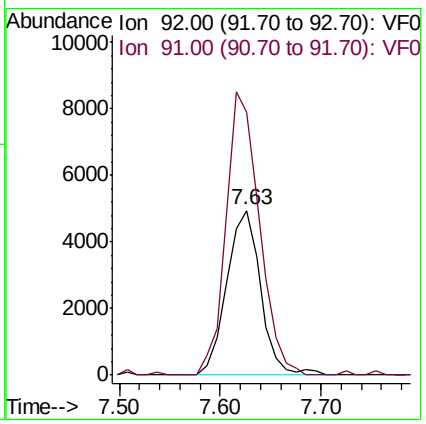


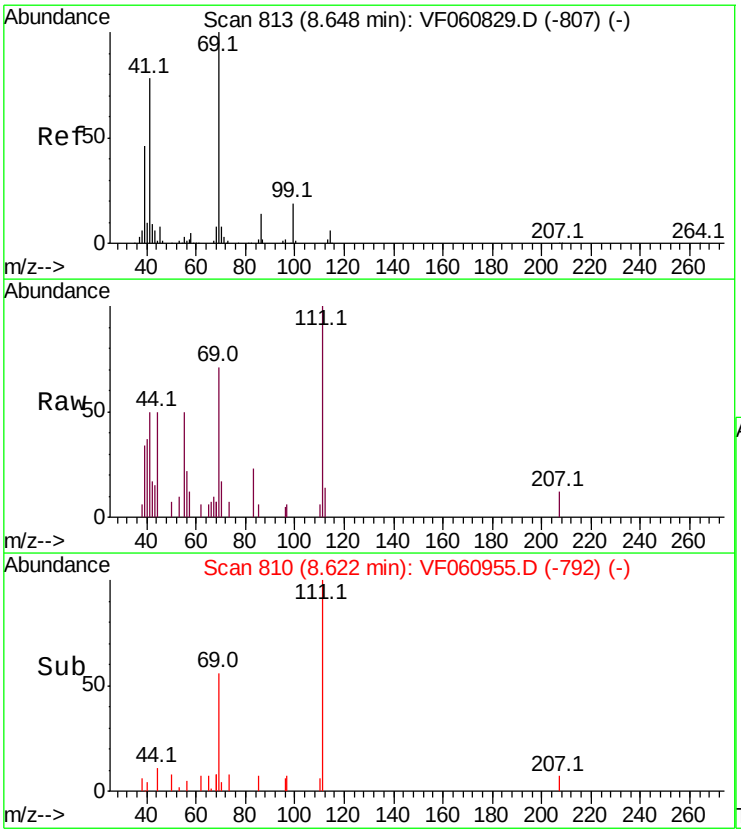
#52
Toluene
Concen: 1.554 ug/l
RT: 7.63 min Scan# 709
Delta R.T. -0.04 min
Lab File: VF060955.D
Acq: 10 Dec 2018 15:56

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 92 Resp: 11549

Ion	Ratio	Lower	Upper
92	100		
91	159.9	126.2	189.2

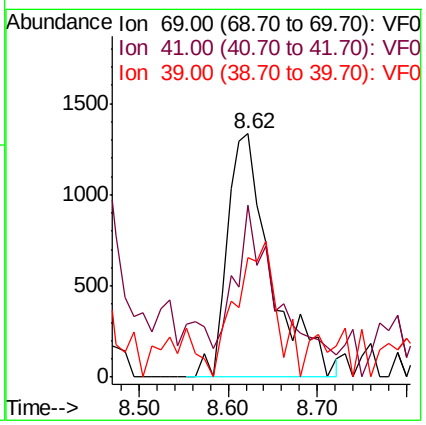


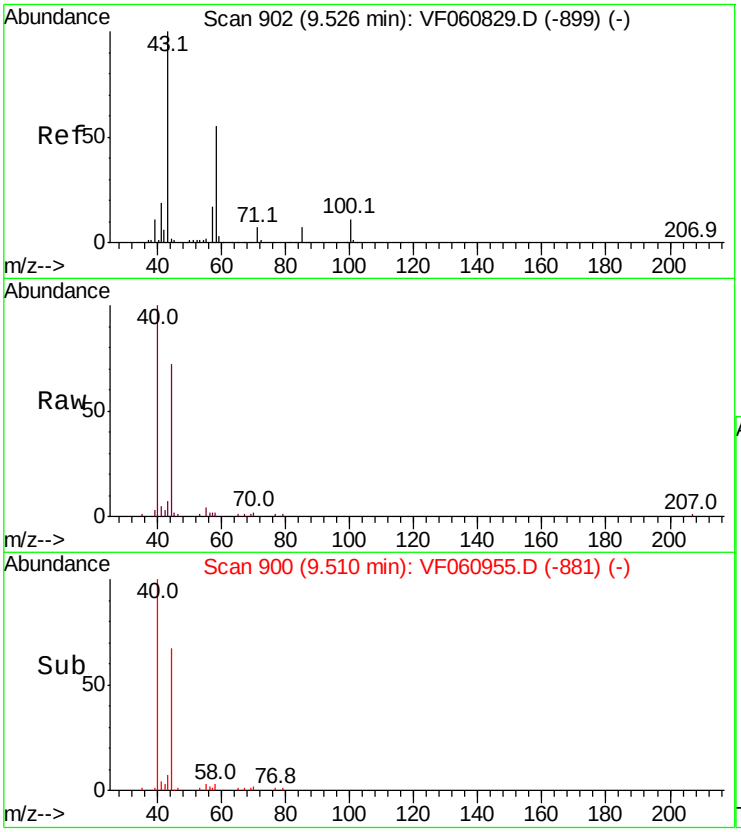


#56
Ethyl methacrylate
Concen: 1.900 ug/l
RT: 8.62 min Scan# 810
Delta R.T. -0.03 min
Lab File: VF060955.D
Acq: 10 Dec 2018 15:56

Tgt Ion: 69 Resp: 4571

Ion	Ratio	Lower	Upper
69	100		
41	70.5	62.6	94.0
39	48.8	37.8	56.6



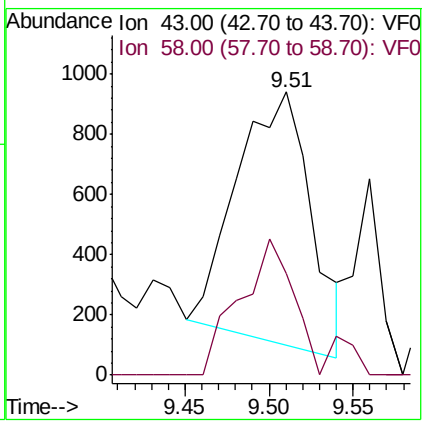


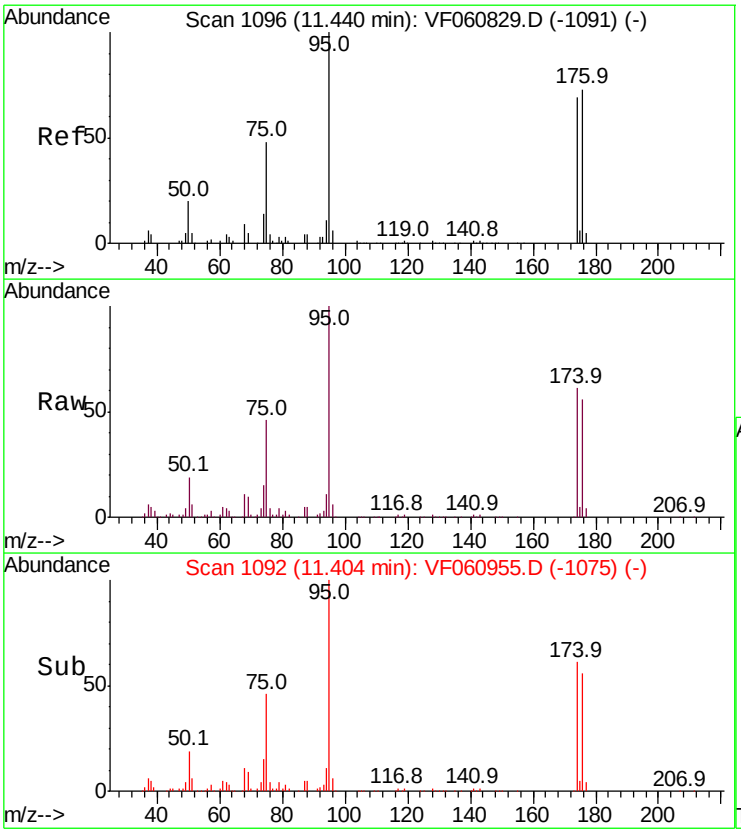
#59
2-Hexanone
Concen: 2.010 ug/l
RT: 9.51 min Scan# 900
Delta R.T. -0.02 min
Lab File: VF060955.D
Acq: 10 Dec 2018 15:56

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 43 Resp: 2532

Ion	Ratio	Lower	Upper
43	100		
58	36.1	25.6	76.6

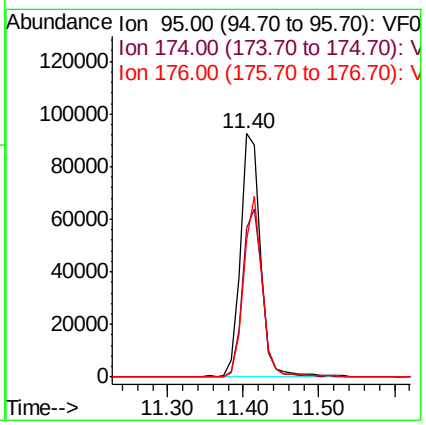


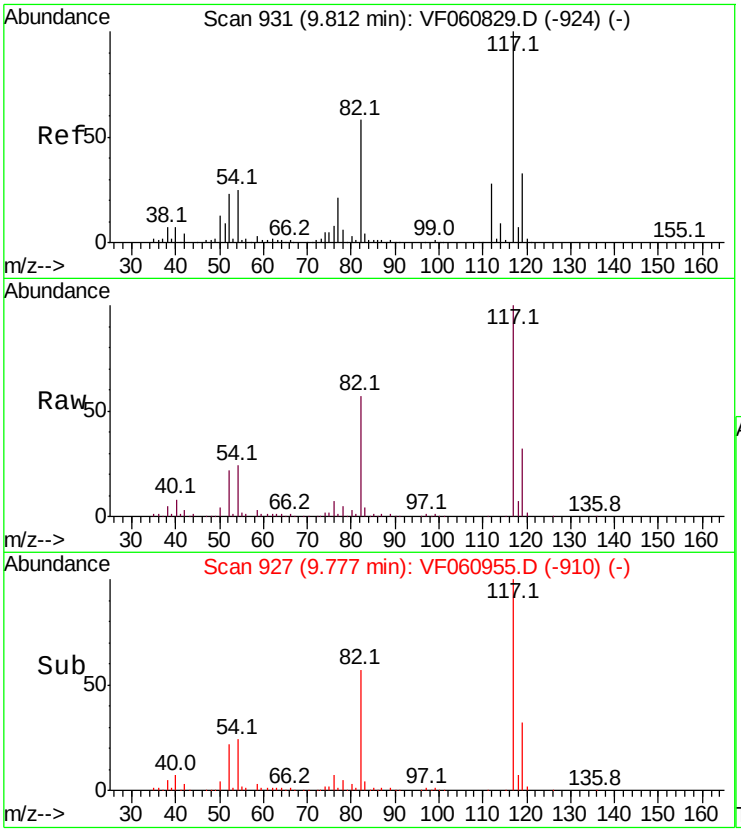


#62
4-Bromofluorobenzene
Concen: 36.919 ug/l
RT: 11.40 min Scan# 1092
Delta R.T. -0.04 min
Lab File: VF060955.D
Acq: 10 Dec 2018 15:56

Tgt Ion: 95 Resp: 169361

Ion	Ratio	Lower	Upper
95	100		
174	60.9	0.0	138.2
176	56.3	0.0	146.2



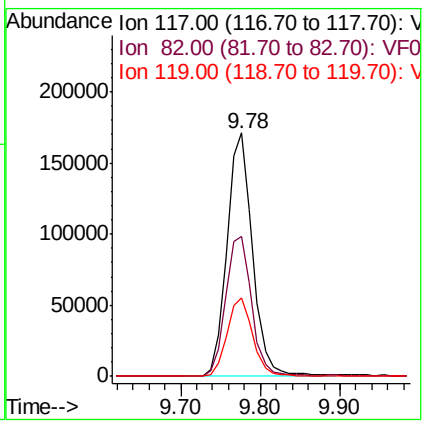


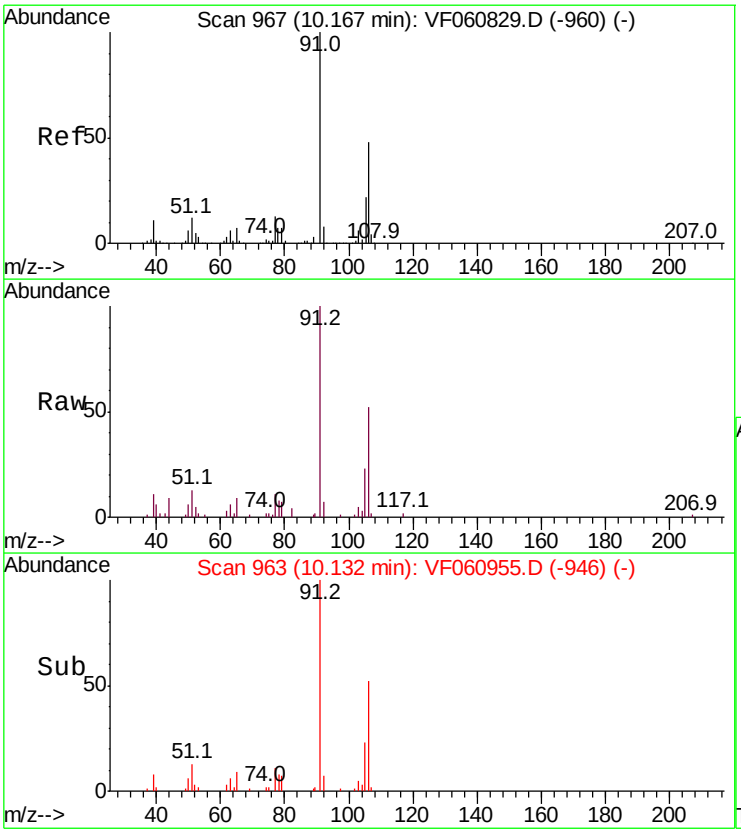
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.78 min Scan# 927
Delta R.T. -0.04 min
Lab File: VF060955.D
Acq: 10 Dec 2018 15:56

Instrument : MSVOA_F
ClientSampleId :

Tgt Ion:117 Resp: 385659

Ion	Ratio	Lower	Upper
117	100		
82	57.3	46.6	69.8
119	32.2	26.4	39.6

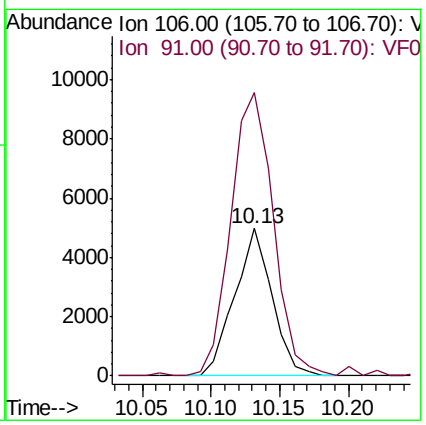


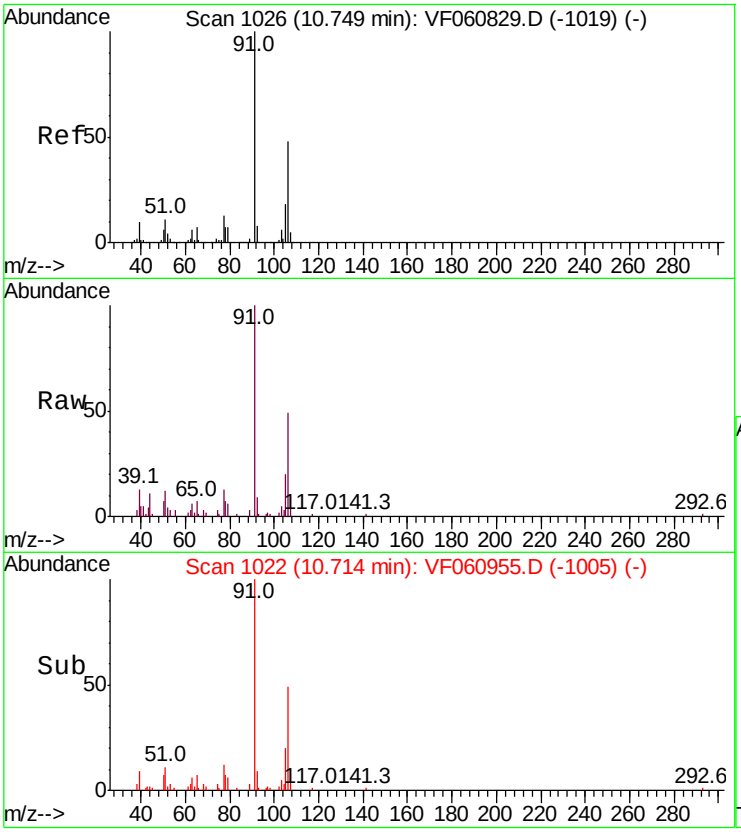


#68
m/p-Xylenes
Concen: 1.886 ug/l
RT: 10.13 min Scan# 963
Delta R.T. -0.04 min
Lab File: VF060955.D
Acq: 10 Dec 2018 15:56

Tgt Ion:106 Resp: 9476

Ion	Ratio	Lower	Upper
106	100		
91	192.2	166.7	250.1



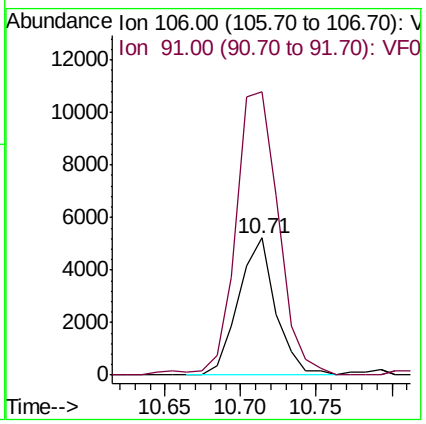


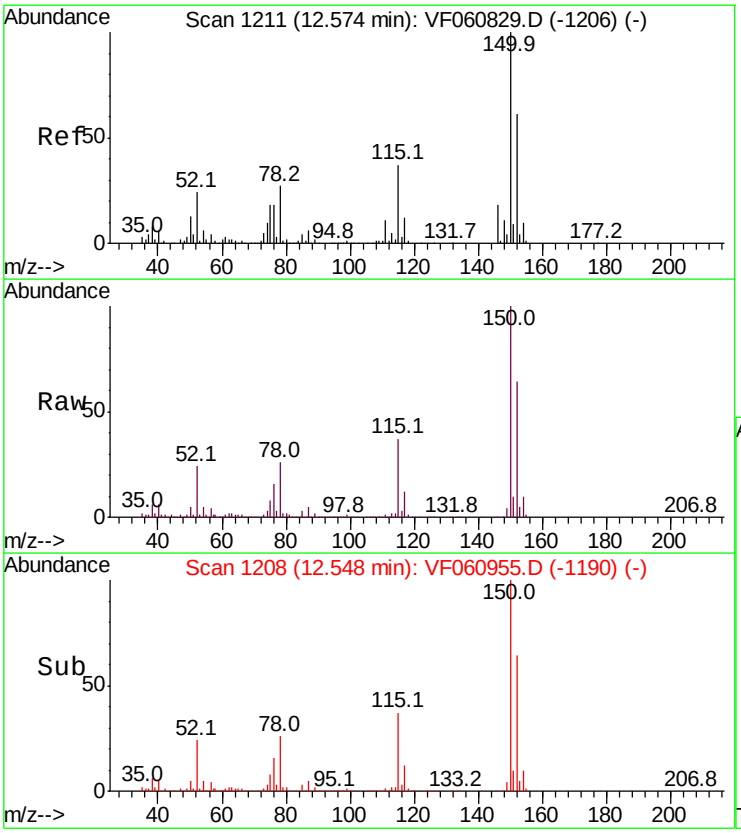
#69
o-Xylene
Concen: 1.622 ug/l
RT: 10.71 min Scan# 1022
Delta R.T. -0.04 min
Lab File: VF060955.D
Acq: 10 Dec 2018 15:56

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion:106 Resp: 8985

Ion	Ratio	Lower	Upper
106	100		
91	206.1	104.8	314.6

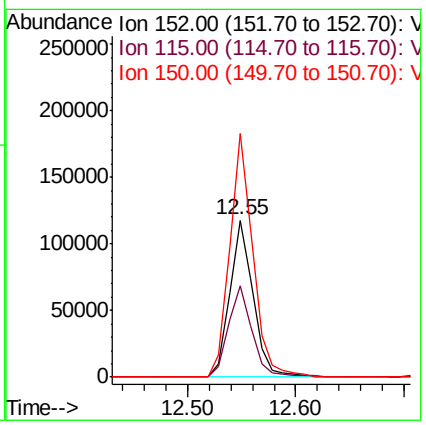


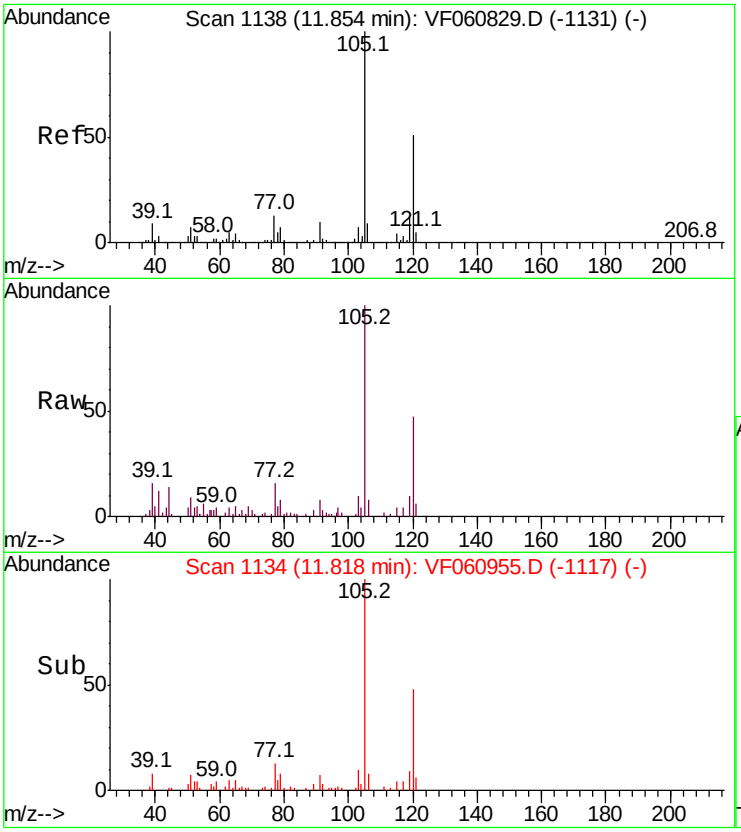


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.55 min Scan# 1208
Delta R.T. -0.03 min
Lab File: VF060955.D
Acq: 10 Dec 2018 15:56

Tgt Ion:152 Resp: 178161

Ion	Ratio	Lower	Upper
152	100		
115	58.0	30.1	90.5
150	155.5	0.0	327.6



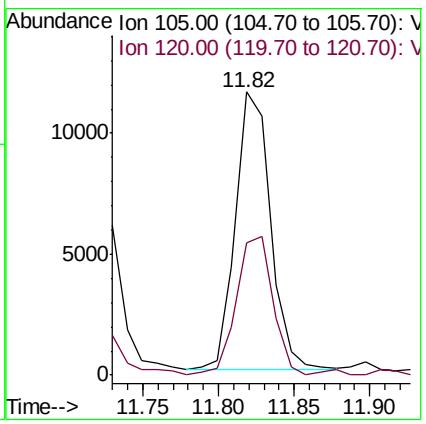


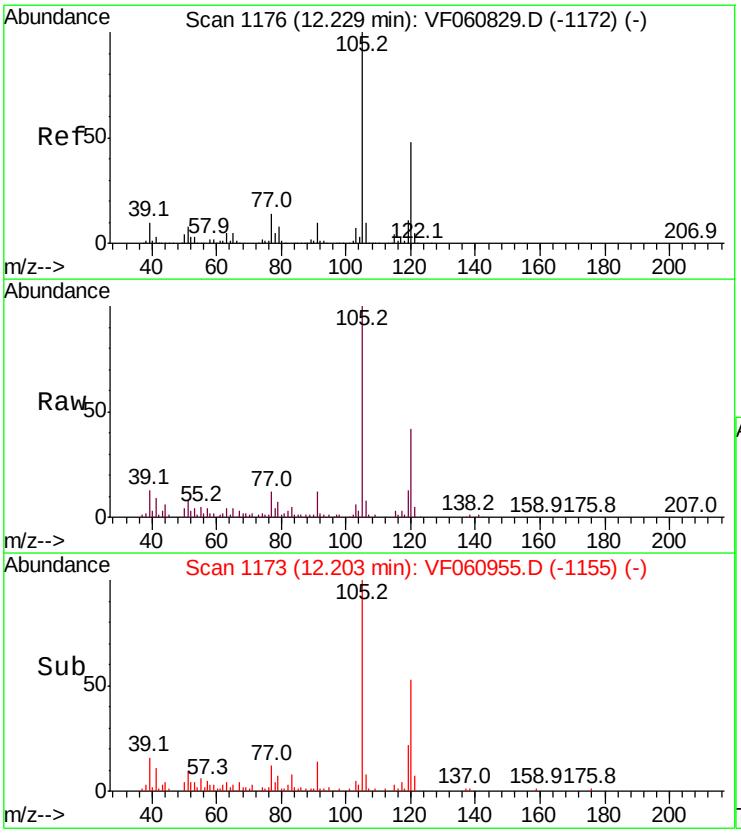
#80
1,3,5-Trimethylbenzene
Concen: 1.615 ug/l
RT: 11.82 min Scan# 1134
Delta R.T. -0.04 min
Lab File: VF060955.D
Acq: 10 Dec 2018 15:56

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion:105 Resp: 18457

Ion	Ratio	Lower	Upper
105	100		
120	46.6	25.8	77.3

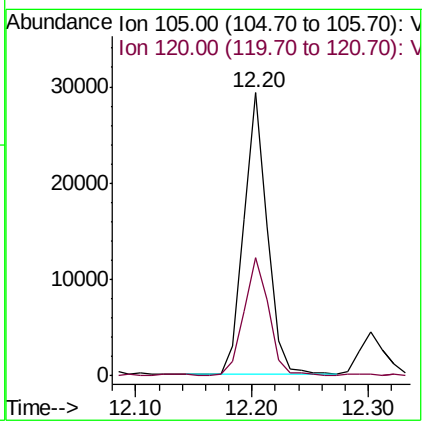


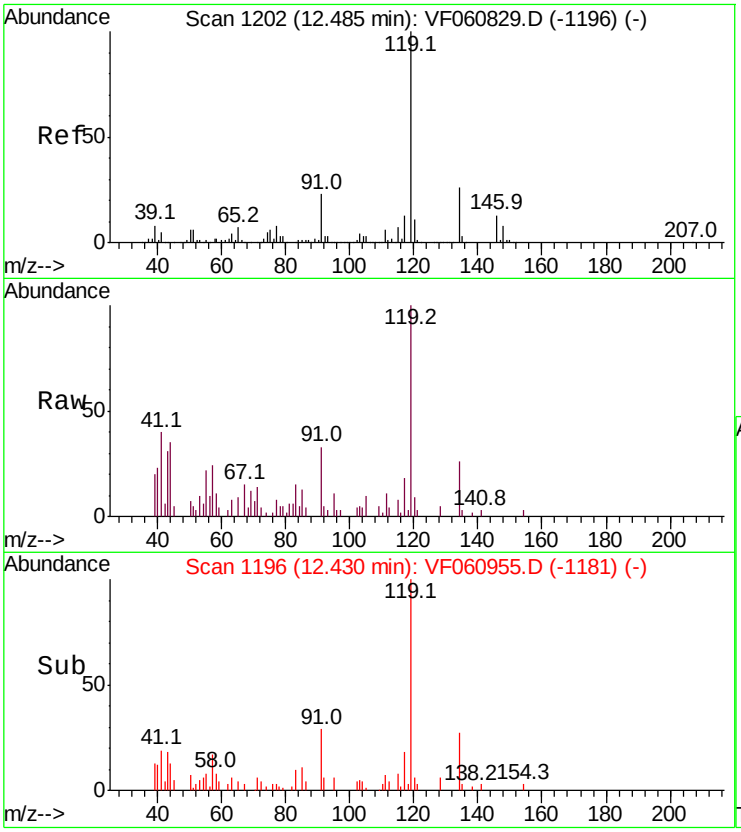


#84
1,2,4-Trimethylbenzene
Concen: 3.550 ug/l
RT: 12.20 min Scan# 1173
Delta R.T. -0.03 min
Lab File: VF060955.D
Acq: 10 Dec 2018 15:56

Tgt Ion:105 Resp: 40498

Ion	Ratio	Lower	Upper
105	100		
120	41.6	23.8	71.5



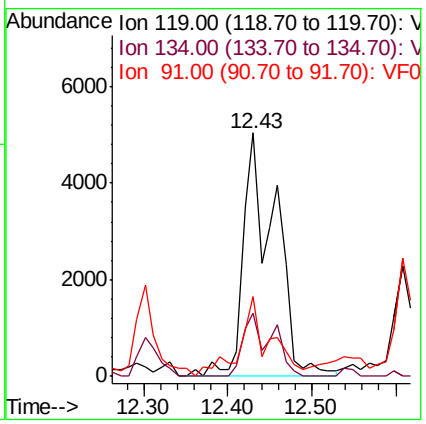


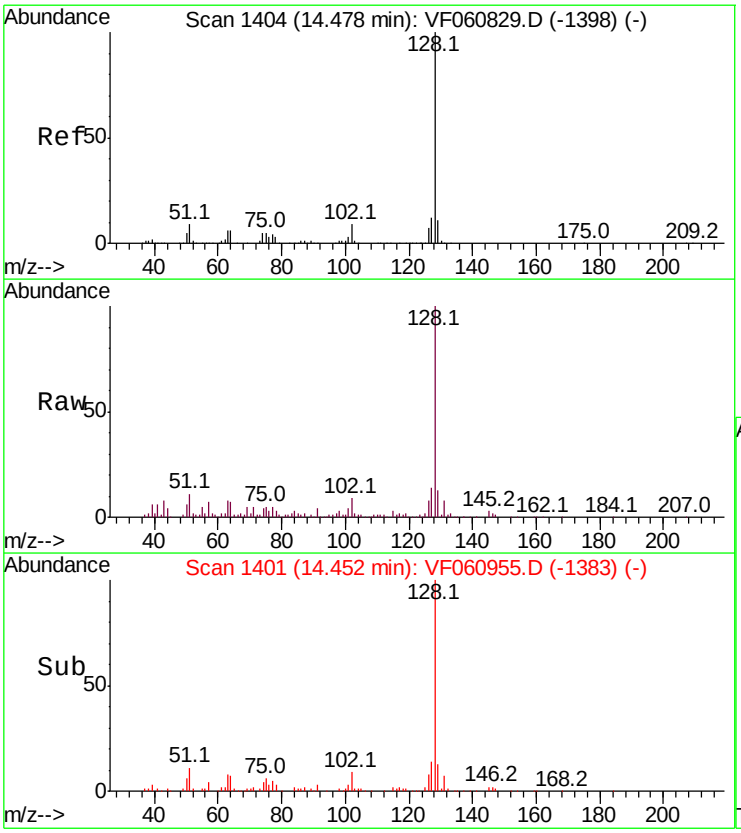
#86
p-Isopropyltoluene
Concen: 1.000 ug/l
RT: 12.43 min Scan# 1196
Delta R.T. -0.06 min
Lab File: VF060955.D
Acq: 10 Dec 2018 15:56

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion:119 Resp: 13365

Ion	Ratio	Lower	Upper
119	100		
134	25.8	12.9	38.6
91	32.6	11.8	35.3





#95
Naphthalene
Concen: 7.504 ug/l
RT: 14.45 min Scan# 1401
Delta R.T. -0.02 min
Lab File: VF060955.D
Acq: 10 Dec 2018 15:56

Tgt Ion:128 Resp: 79003

Ion	Ratio	Lower	Upper
128	100		
127	13.8	9.9	14.9
129	13.4	9.1	13.7