Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX070819\
Data File : VX010724.D
Acq On : 09 Jul 2019 03:06
Operator : JC/SP
Sample : K3690-04
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 43 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : SS038RW016-190703

Quant Time: Jul 09 09:28:55 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061919W.M
Quant Title : SW846 8260
QLast Update : Thu Jun 20 03:31:56 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	224831	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	349636	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	325164	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	157267	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	112405	53.32	ug/l	0.00
Spiked Amount 50.000			Recovery = 106.64%			
35) Dibromofluoromethane	5.49	113	107299	50.16	ug/l	0.00
Spiked Amount 50.000			Recovery = 100.32%			
50) Toluene-d8	8.71	98	421166	51.46	ug/l	0.00
Spiked Amount 50.000			Recovery = 102.92%			
62) 4-Bromofluorobenzene	11.13	95	145823	49.35	ug/l	0.00
Spiked Amount 50.000			Recovery = 98.70%			
Target Compounds						Qvalue
11) Tert butyl alcohol	3.04	59	1911	3.464	ug/l #	94
16) Acetone	2.45	43	3926	3.716	ug/l #	85
65) Chlorobenzene	10.14	112	93099	14.103	ug/l	99
73) Isopropylbenzene	11.02	105	7564	0.710	ug/l	98
83) tert-Butylbenzene	11.77	119	34754	3.940	ug/l	90
85) sec-Butylbenzene	11.94	105	76331	7.370	ug/l #	55

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

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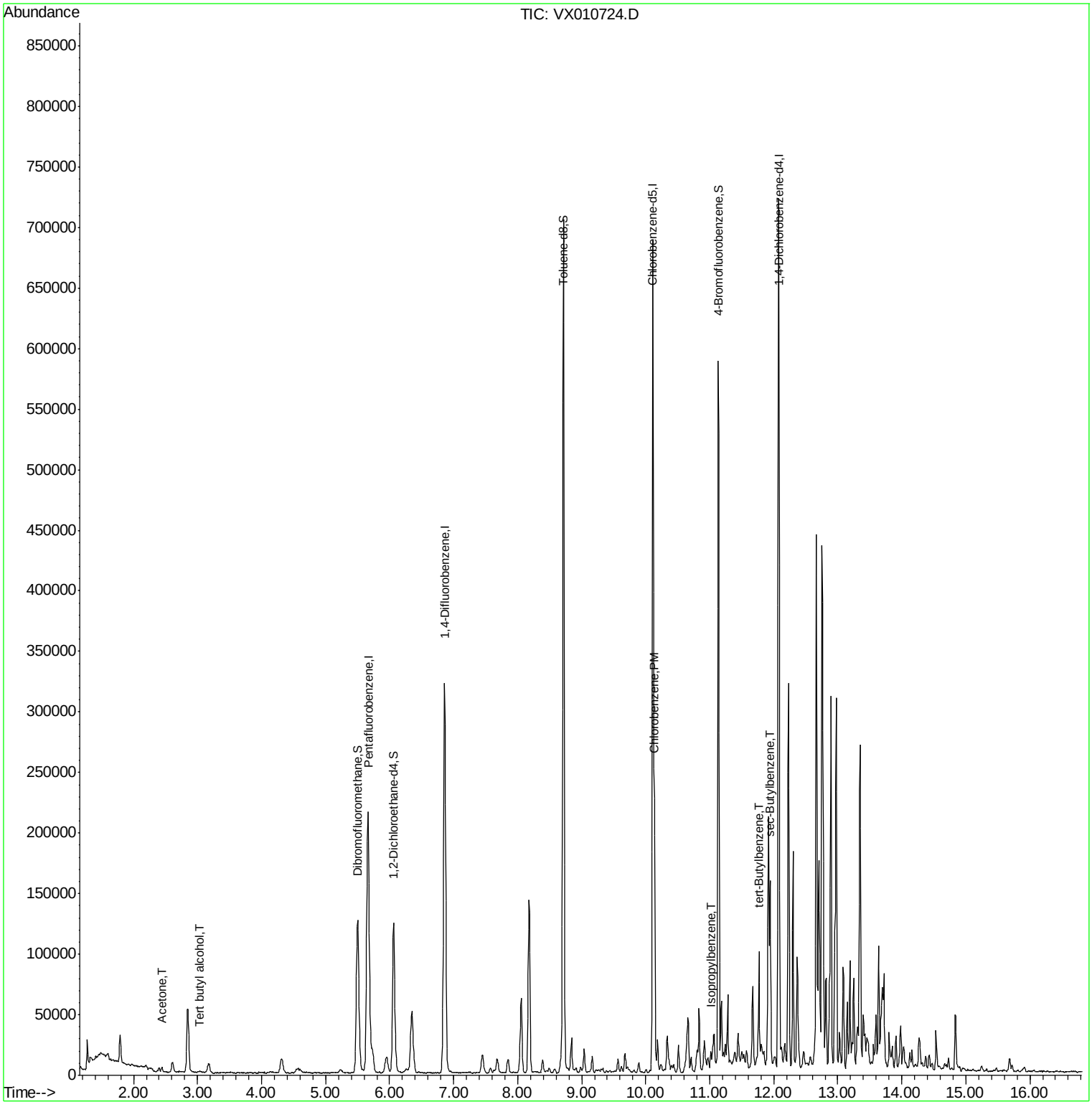
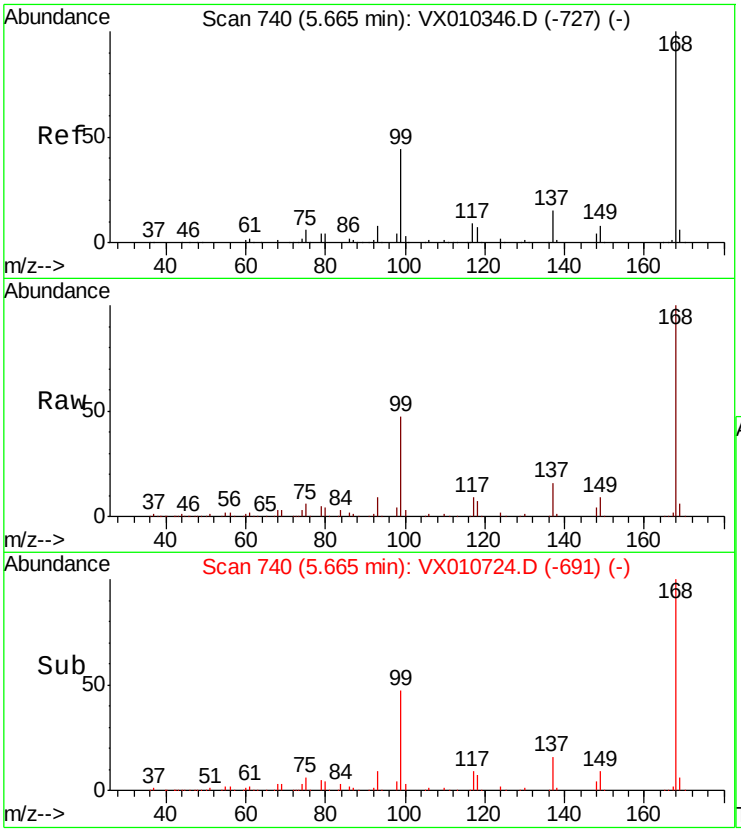


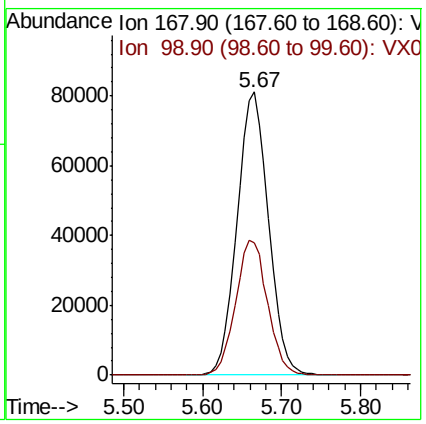


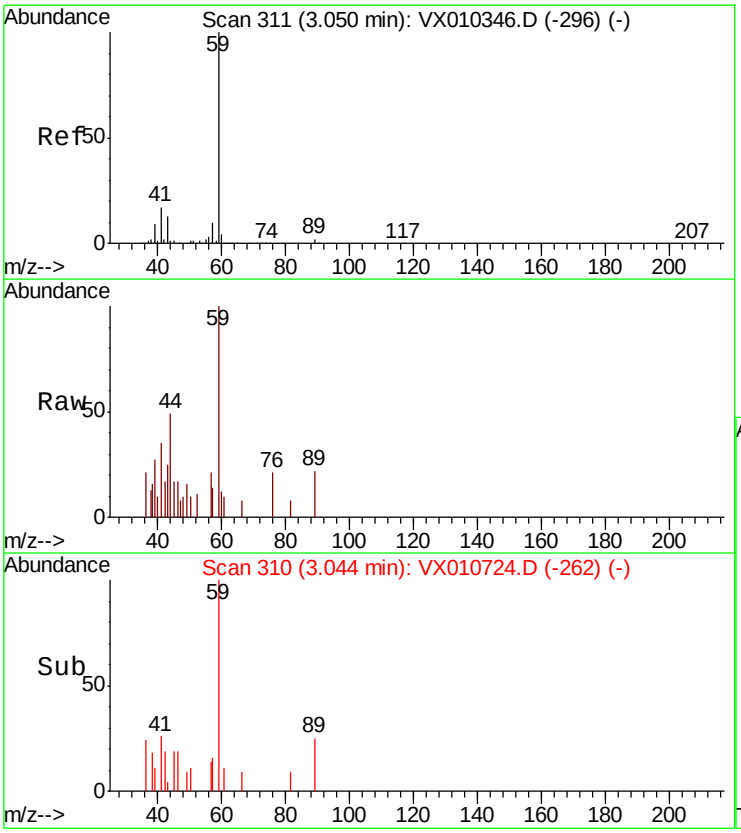
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.67 min Scan# 740
Delta R.T. 0.00 min
Lab File: VX010724.D
Acq: 09 Jul 2019 03:06

Instrument :
MSVOA_X
ClientSampleId :
SS038RW016-190703

Tgt Ion:168 Resp: 224831

Ion	Ratio	Lower	Upper
168	100		
99	46.9	35.5	53.3

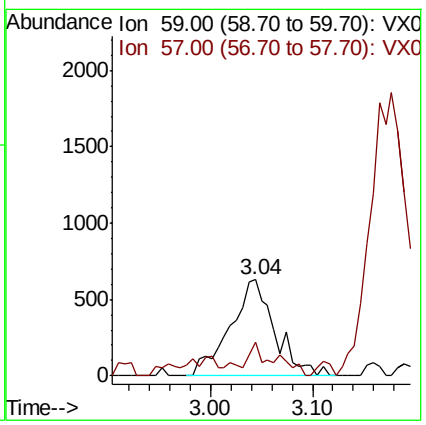


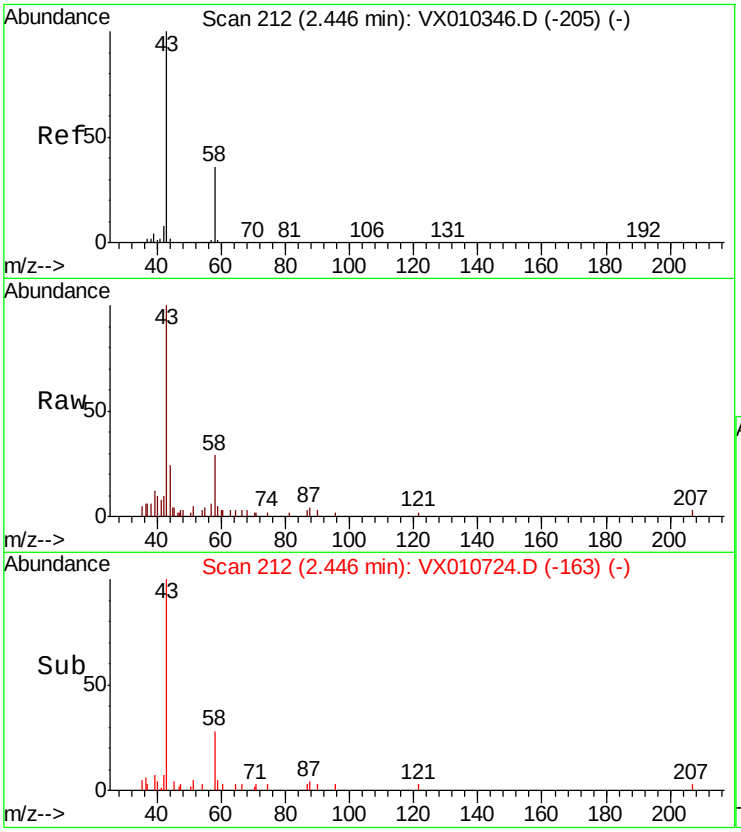


#11
Tert butyl alcohol
Concen: 3.464 ug/l
RT: 3.04 min Scan# 310
Delta R.T. -0.01 min
Lab File: VX010724.D
Acq: 09 Jul 2019 03:06

Tgt Ion: 59 Resp: 1911

Ion	Ratio	Lower	Upper
59	100		
57	7.5	7.7	11.5#



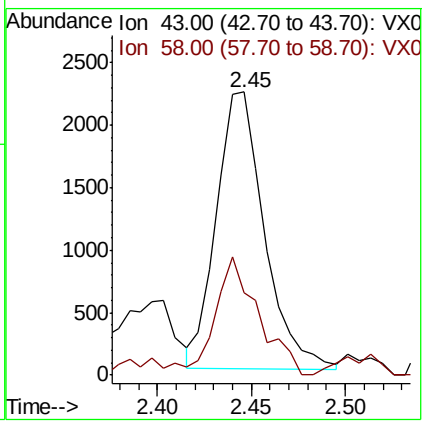


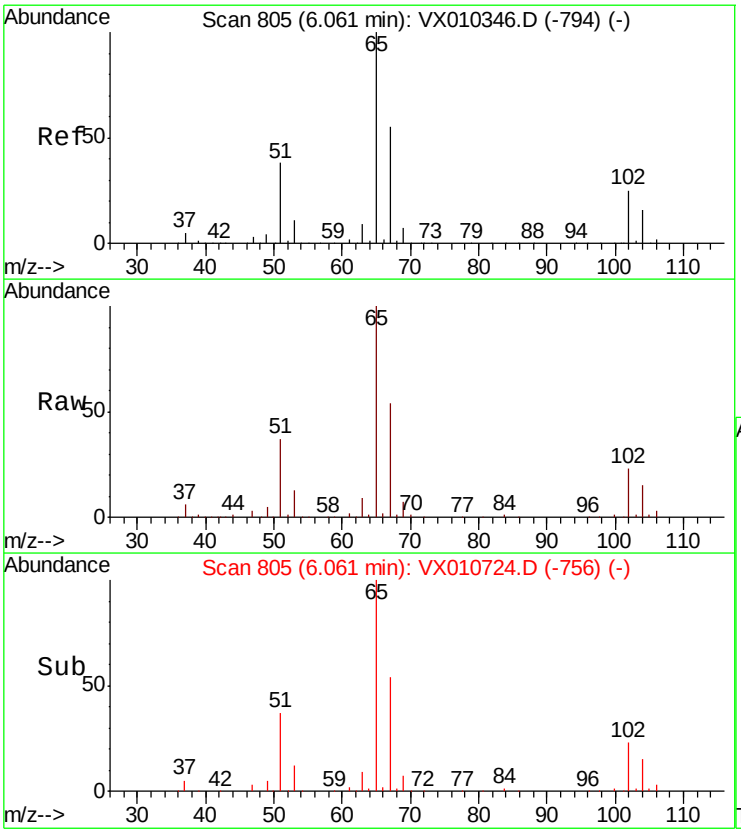
#16
Acetone
Concen: 3.716 ug/l
RT: 2.45 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX010724.D
Acq: 09 Jul 2019 03:06

Instrument :
MSVOA_X
ClientSampleId :
SS038RW016-190703

Tgt Ion: 43 Resp: 3926

Ion	Ratio	Lower	Upper
43	100		
58	27.4	28.9	43.3#

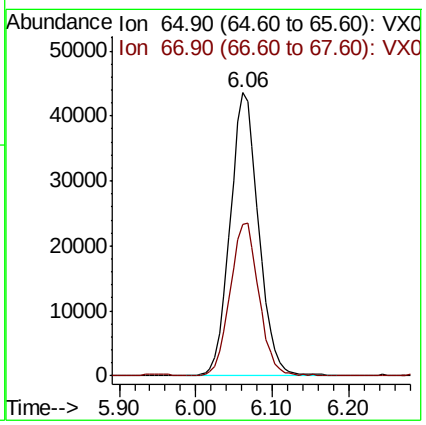


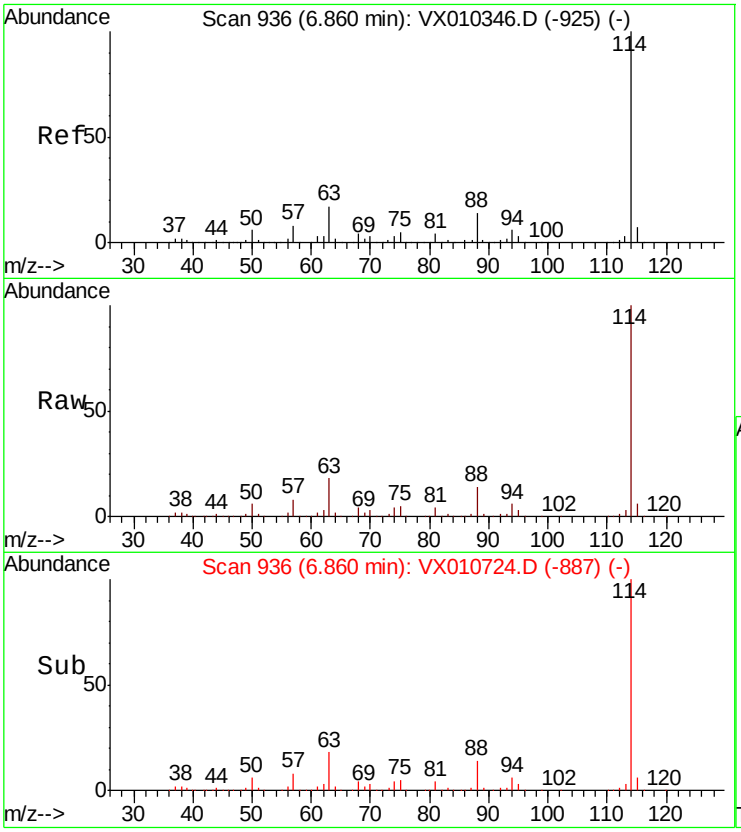


#33
1,2-Dichloroethane-d4
Concen: 53.323 ug/l
RT: 6.06 min Scan# 805
Delta R.T. 0.00 min
Lab File: VX010724.D
Acq: 09 Jul 2019 03:06

Tgt Ion: 65 Resp: 112405

Ion	Ratio	Lower	Upper
65	100		
67	53.9	0.0	110.2



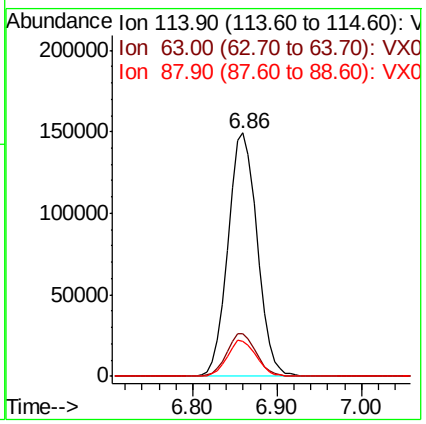


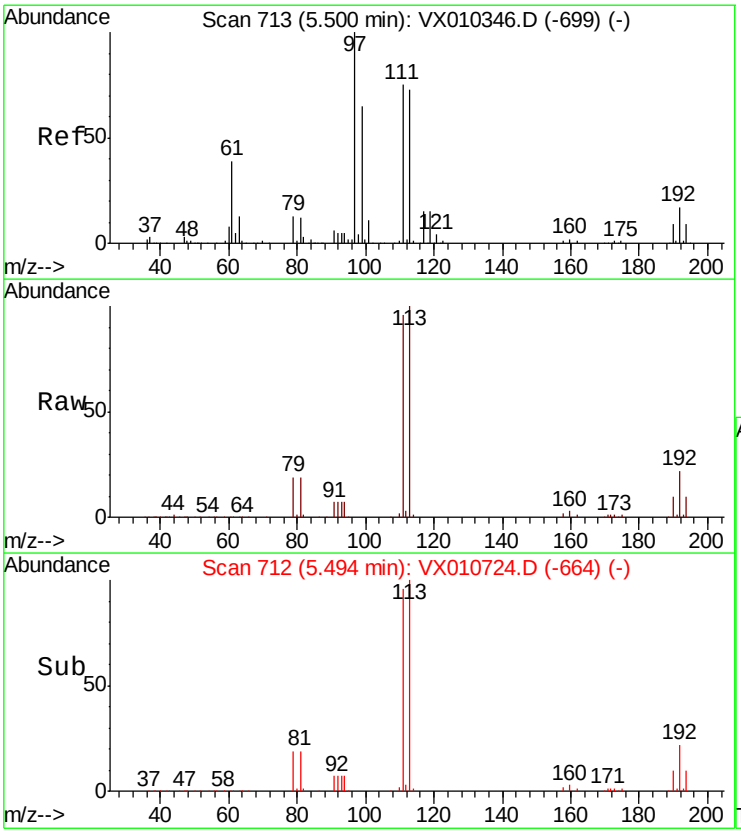
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.86 min Scan# 936
Delta R.T. 0.00 min
Lab File: VX010724.D
Acq: 09 Jul 2019 03:06

Instrument :
MSVOA_X
ClientSampleId :
SS038RW016-190703

Tgt Ion:114 Resp: 349636

Ion	Ratio	Lower	Upper
114	100		
63	17.6	0.0	33.8
88	14.4	0.0	27.6

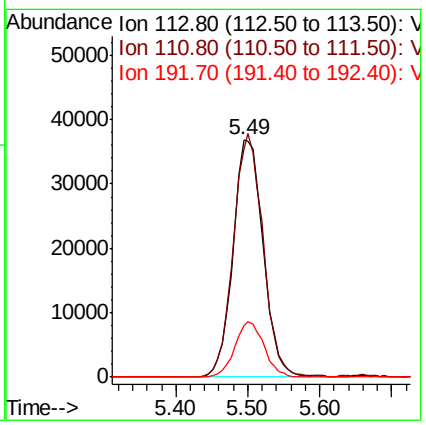


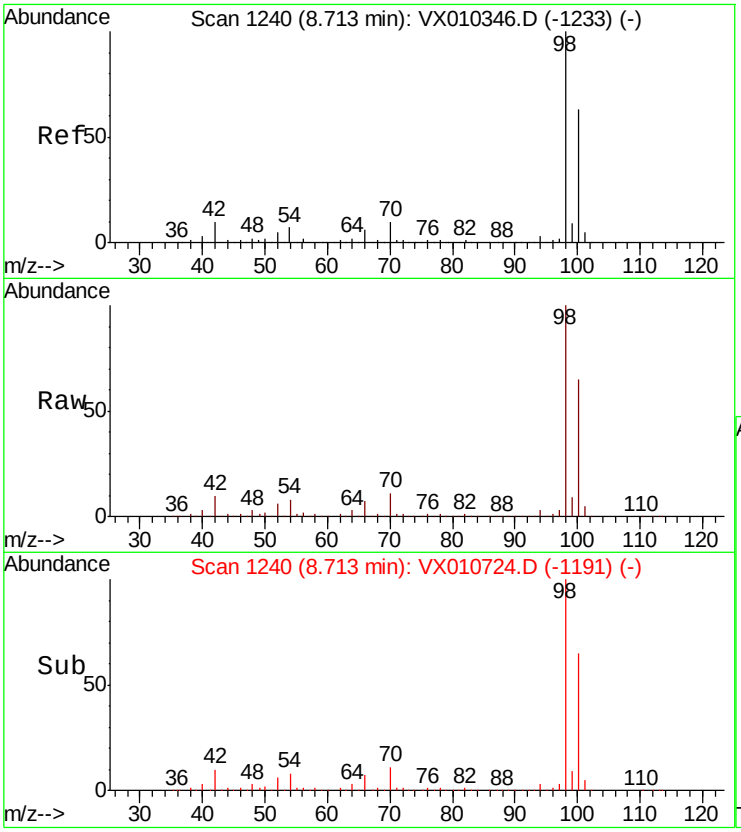


#35
Dibromofluoromethane
Concen: 50.158 ug/l
RT: 5.49 min Scan# 712
Delta R.T. -0.01 min
Lab File: VX010724.D
Acq: 09 Jul 2019 03:06

Tgt Ion:113 Resp: 107299

Ion	Ratio	Lower	Upper
113	100		
111	100.7	81.2	121.8
192	22.5	18.6	27.8



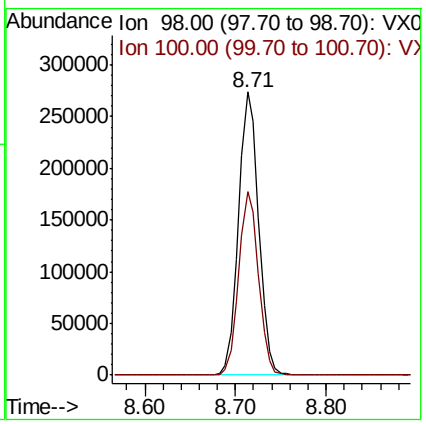


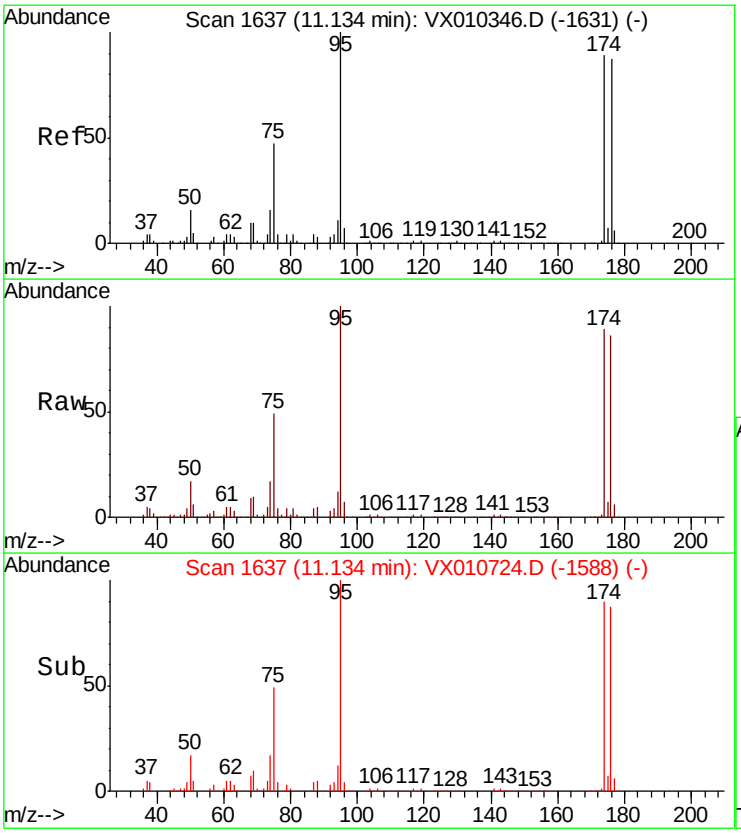
#50
Toluene-d8
Concen: 51.461 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX010724.D
Acq: 09 Jul 2019 03:06

Instrument :
MSVOA_X
ClientSampleId :
SS038RW016-190703

Tgt Ion: 98 Resp: 421166

Ion	Ratio	Lower	Upper
98	100		
100	63.8	51.6	77.4

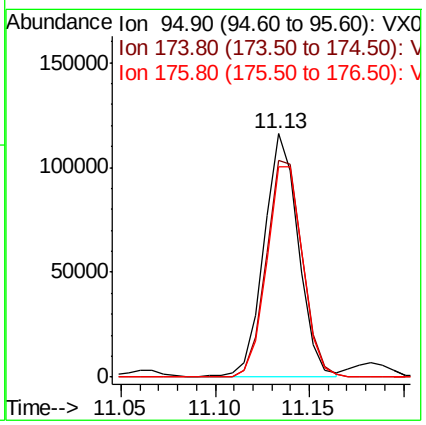


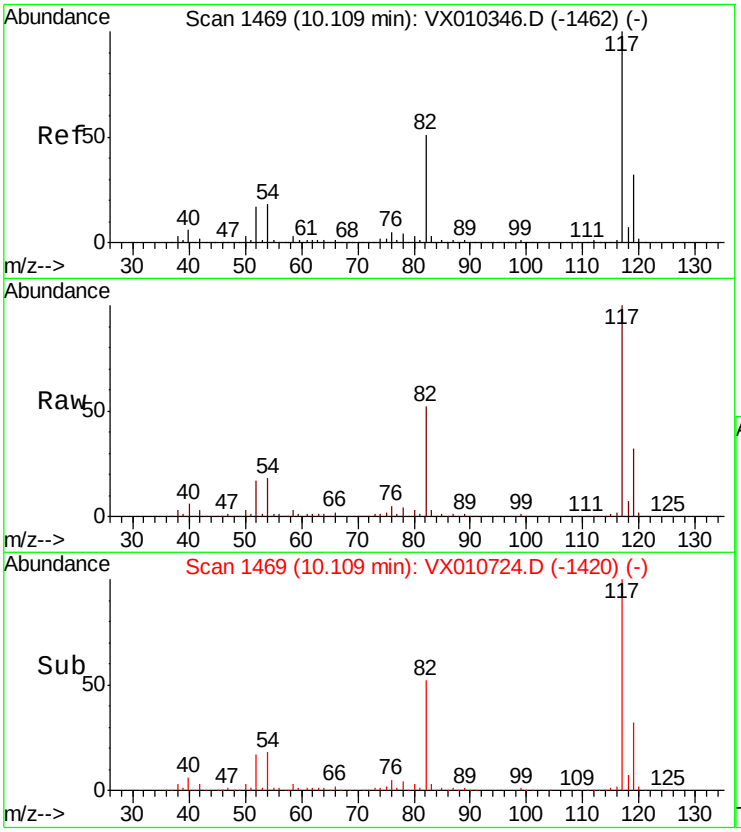


#62
4-Bromofluorobenzene
Concen: 49.353 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.00 min
Lab File: VX010724.D
Acq: 09 Jul 2019 03:06

Tgt Ion: 95 Resp: 145823

Ion	Ratio	Lower	Upper
95	100		
174	94.2	0.0	187.6
176	91.0	0.0	184.0



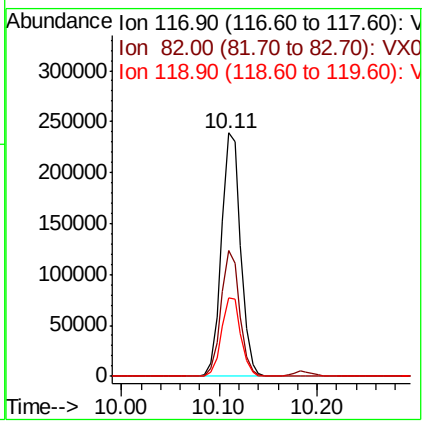


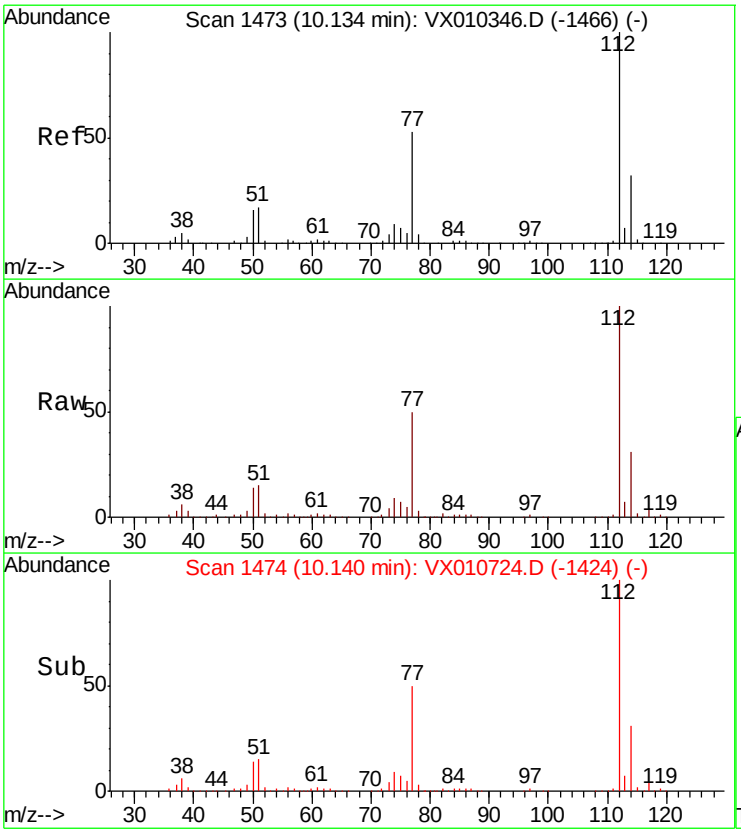
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX010724.D
Acq: 09 Jul 2019 03:06

Instrument : MSVOA_X
ClientSampleId : SS038RW016-190703

Tgt Ion:117 Resp: 325164

Ion	Ratio	Lower	Upper
117	100		
82	51.9	41.2	61.8
119	32.4	25.5	38.3

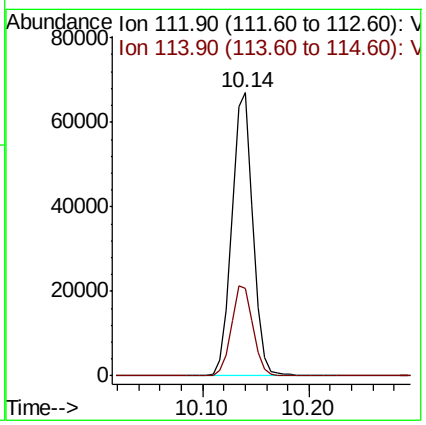


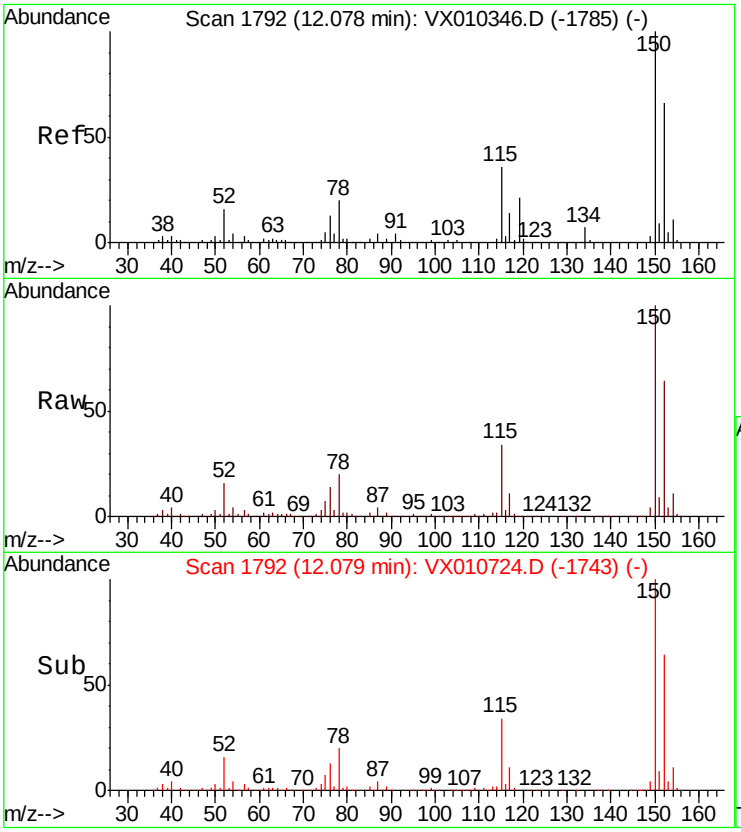


#65
Chlorobenzene
Concen: 14.103 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. 0.01 min
Lab File: VX010724.D
Acq: 09 Jul 2019 03:06

Tgt Ion:112 Resp: 93099

Ion	Ratio	Lower	Upper
112	100		
114	31.1	25.4	38.2



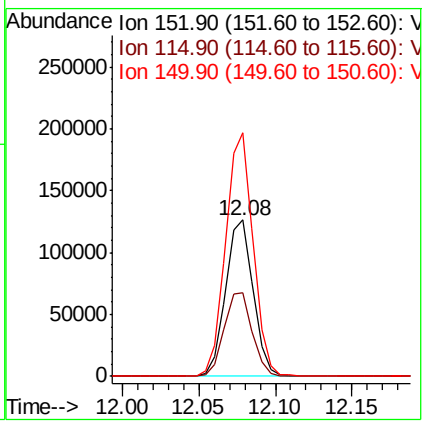


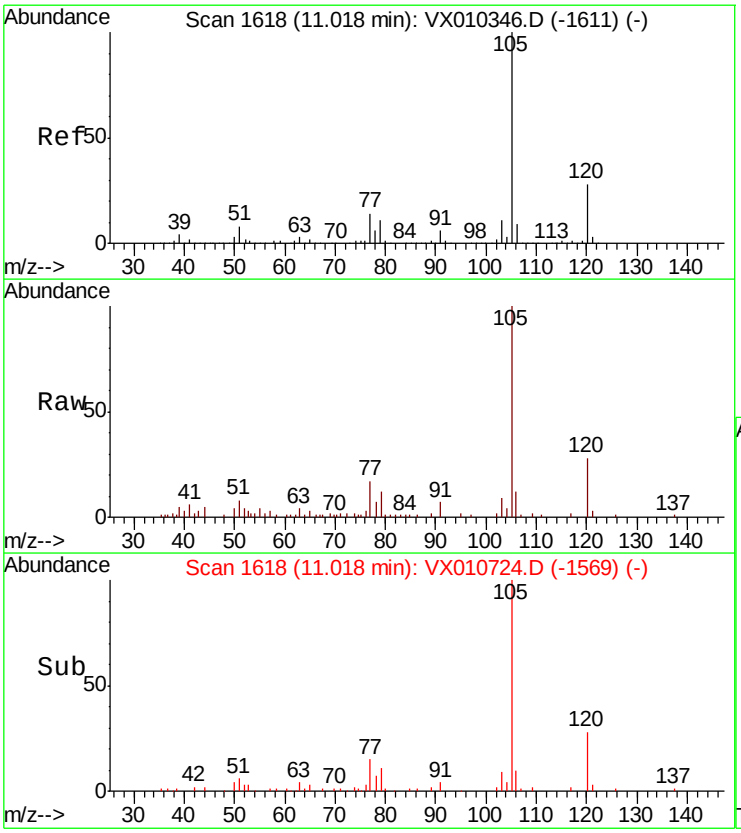
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX010724.D
Acq: 09 Jul 2019 03:06

Instrument : MSVOA_X
ClientSampleId : SS038RW016-190703

Tgt Ion:152 Resp: 157267

Ion	Ratio	Lower	Upper
152	100		
115	54.6	38.6	115.7
150	154.9	0.0	347.4

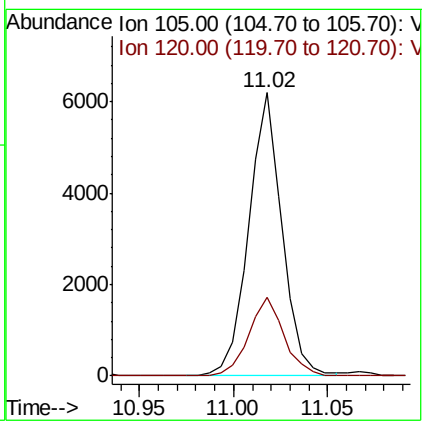


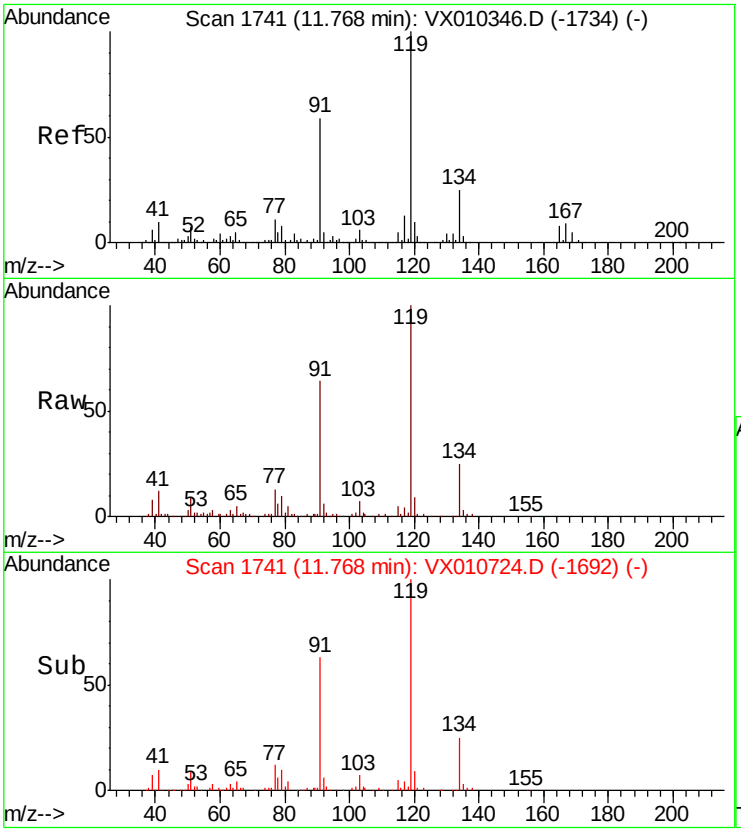


#73
Isopropylbenzene
Concen: 0.710 ug/l
RT: 11.02 min Scan# 1618
Delta R.T. 0.00 min
Lab File: VX010724.D
Acq: 09 Jul 2019 03:06

Tgt Ion:105 Resp: 7564

Ion	Ratio	Lower	Upper
105	100		
120	29.2	14.1	42.4



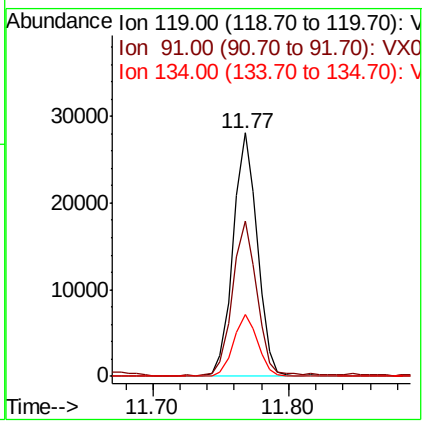


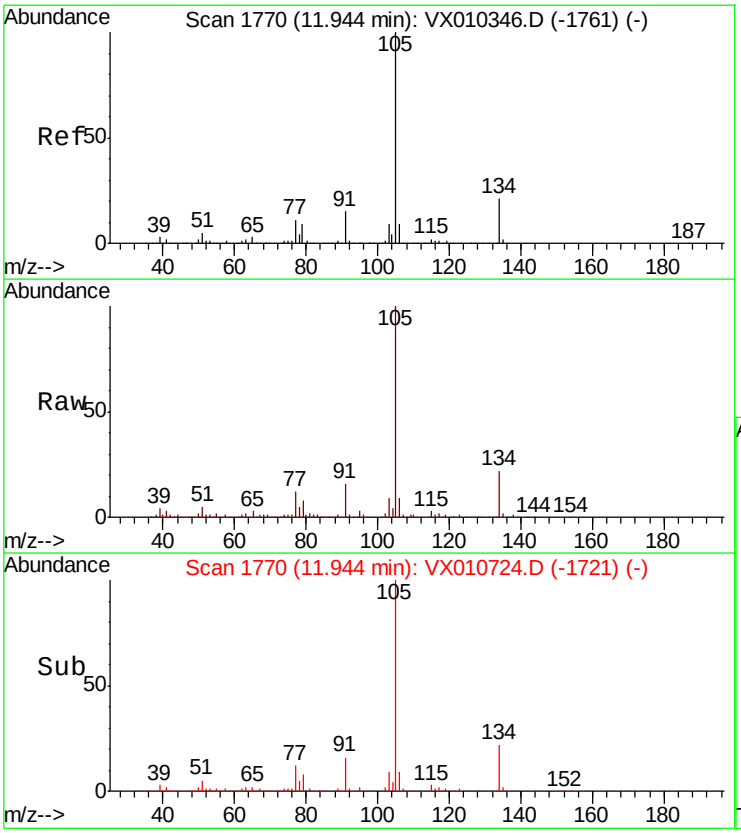
#83
tert-Butylbenzene
Concen: 3.940 ug/l
RT: 11.77 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VX010724.D
Acq: 09 Jul 2019 03:06

Instrument :
MSVOA_X
ClientSampleId :
SS038RW016-190703

Tgt Ion:119 Resp: 34754

Ion	Ratio	Lower	Upper
119	100		
91	64.8	27.6	82.7
134	25.1	11.8	35.4





#85
sec-Butylbenzene
Concen: 7.370 ug/l
RT: 11.94 min Scan# 1770
Delta R.T. 0.00 min
Lab File: VX010724.D
Acq: 09 Jul 2019 03:06

Tgt Ion:105 Resp: 76331

Ion	Ratio	Lower	Upper
105	100		
134	0.0	10.7	31.9#