Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV092018\
Data File : VV007662.D
Acq On : 20 Sep 2018 18:39
Operator : SY/MD
Sample : J4989-02MS
Misc : 25.0 mL/MSVOA_V/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : ET0R5MS

Quant Time: Sep 21 03:18:48 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR091918WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Sep 21 01:37:43 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	108658	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	97524	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	53936	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	18605	4.17	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 83.40%			
7) Chloroethane-d5	1.58	69	20702	4.94	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 98.80%			
11) 1,1-Dichloroethene-d2	2.14	63	51444	4.34	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 86.80%			
20) 2-Butanone-d5	3.96	46	53224	46.72	ug/L	-0.02
Spiked Amount 50.000	Range 40 - 130		Recovery = 93.44%			
24) Chloroform-d	4.41	84	45625	4.28	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 85.60%			
26) 1,2-Dichloroethane-d4	5.09	65	24252	4.61	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 92.20%			
32) Benzene-d6	5.10	84	87721	4.54	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 90.80%			
36) 1,2-Dichloropropane-d6	6.12	67	26551	4.65	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 93.00%			
41) Toluene-d8	7.36	98	88228	4.43	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 88.60%			
43) trans-1,3-Dichloropropene-	7.67	79	9830	4.28	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 85.60%			
46) 2-Hexanone-d5	8.14	63	38459	43.03	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 86.06%			
57) 1,1,2,2-Tetrachloroethane-	10.27	84	21988	4.65	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 93.00%			
64) 1,2-Dichlorobenzene-d4	11.68	152	40495	4.55	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 91.00%			
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.14	96	35809	4.523	ug/L	95
33) Benzene	5.15	78	124911	4.823	ug/L	100
34) Trichloroethene	5.96	95	35531	4.663	ug/L	98
42) Toluene	7.43	91	141428	4.795	ug/L	99
51) Chlorobenzene	8.93	112	97177	4.750	ug/L	99

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

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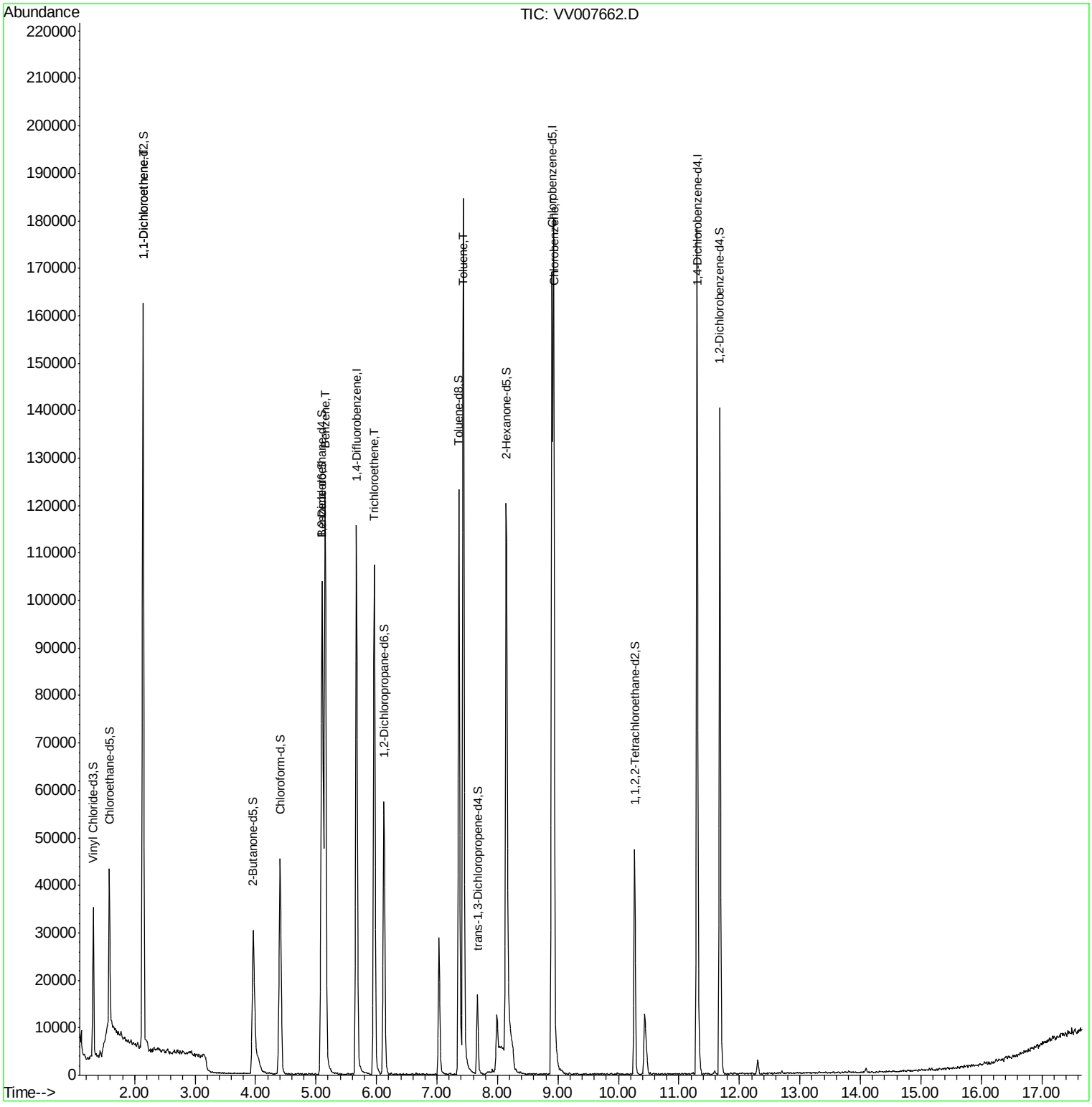
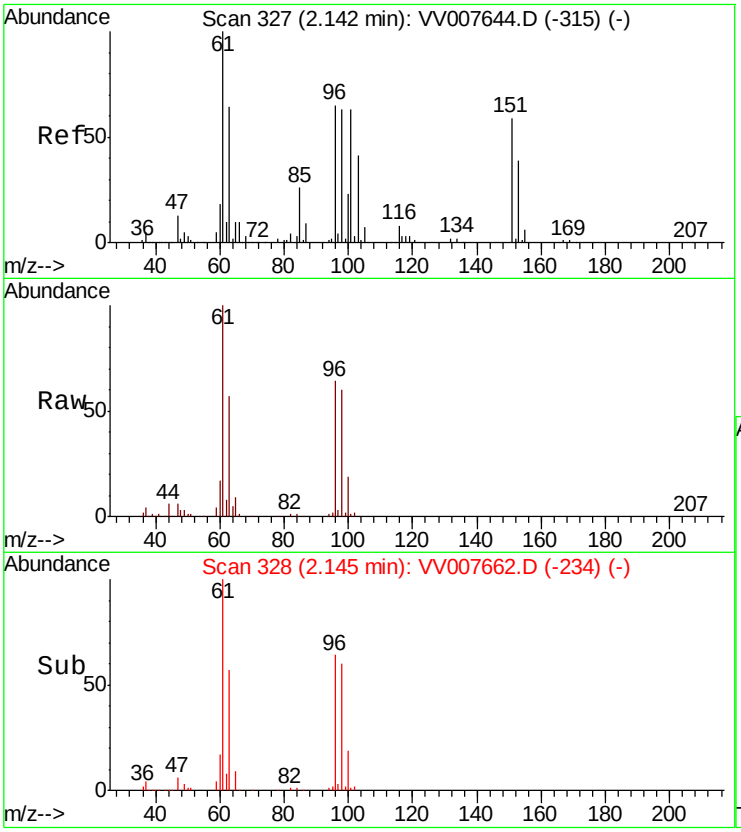


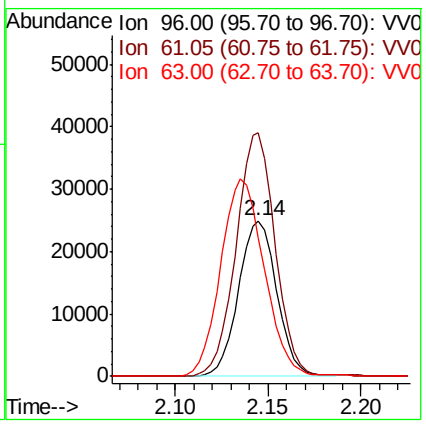


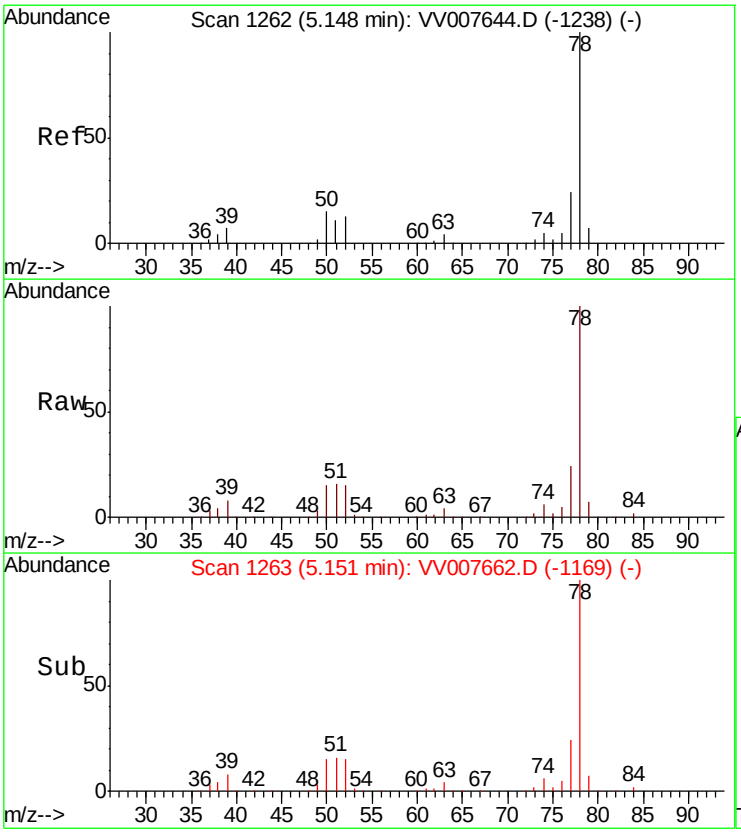
#12
1,1-Dichloroethene
Concen: 4.523 ug/L
RT: 2.14 min Scan# 328
Delta R.T. 0.00 min
Lab File: VV007662.D
Acq: 20 Sep 2018 18:39

Instrument :
MSVOA_V
ClientSampleId :
ET0R5MS

Tgt Ion: 96 Resp: 35809

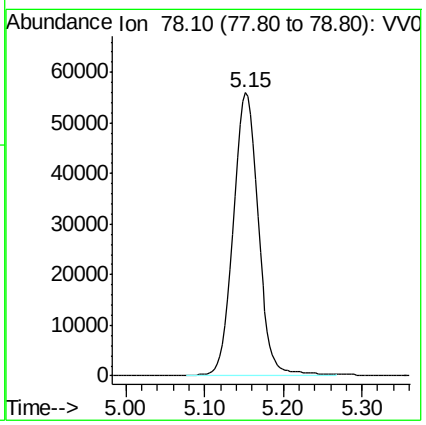
Ion	Ratio	Lower	Upper
96	100		
61	156.2	104.3	193.7
63	89.0	65.2	121.2

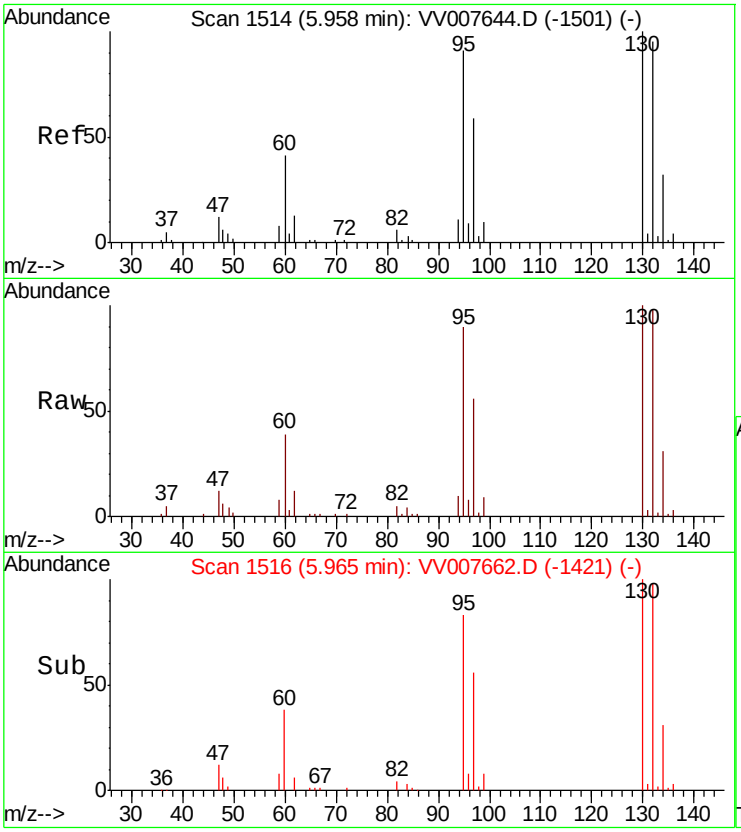




#33
Benzene
Concen: 4.823 ug/L
RT: 5.15 min Scan# 1263
Delta R.T. 0.00 min
Lab File: VV007662.D
Acq: 20 Sep 2018 18:39

Tgt Ion: 78 Resp: 124911



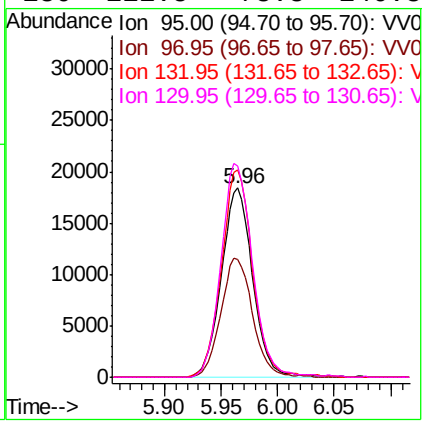


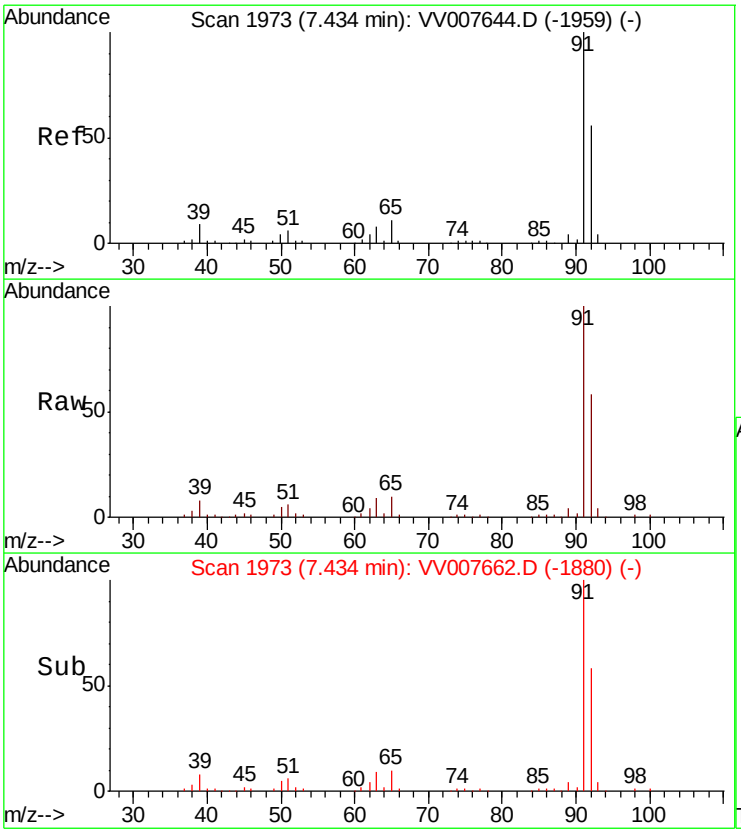
#34
Trichloroethene
Concen: 4.663 ug/L
RT: 5.96 min Scan# 1516
Delta R.T. 0.01 min
Lab File: VV007662.D
Acq: 20 Sep 2018 18:39

Instrument :
MSVOA_V
ClientSampleId :
ET0R5MS

Tgt Ion: 95 Resp: 35531

Ion	Ratio	Lower	Upper
95	100		
97	62.3	45.1	83.9
132	109.7	78.2	145.2
130	111.5	78.8	146.3

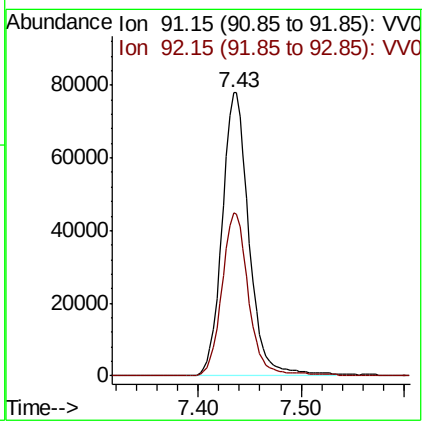


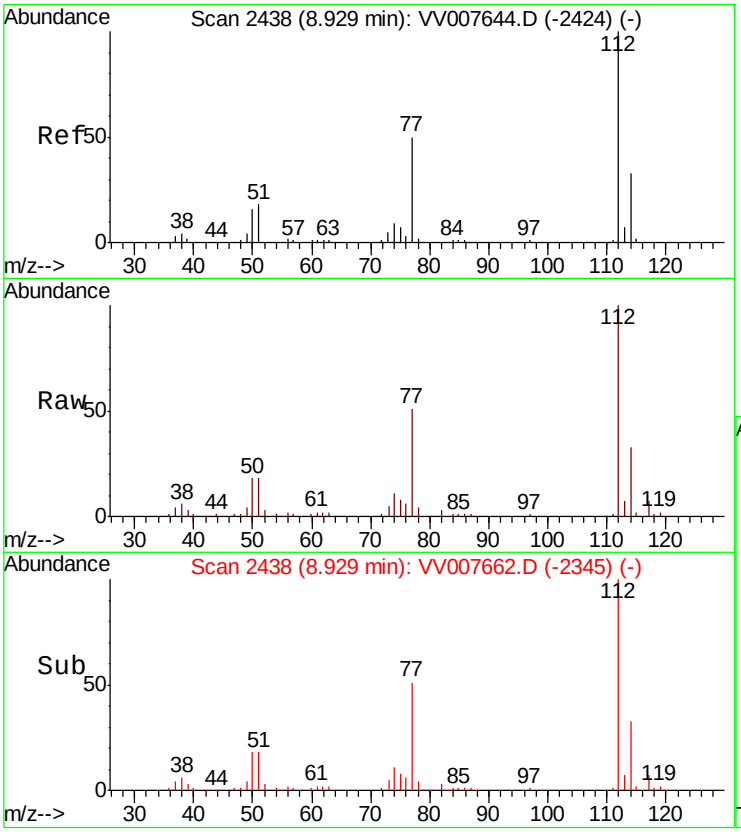


#42
Toluene
Concen: 4.795 ug/L
RT: 7.43 min Scan# 1973
Delta R.T. -0.00 min
Lab File: VV007662.D
Acq: 20 Sep 2018 18:39

Tgt Ion: 91 Resp: 141428

Ion	Ratio	Lower	Upper
91	100		
92	57.5	39.7	73.7





#51
Chlorobenzene
Concen: 4.750 ug/L
RT: 8.93 min Scan# 2438
Delta R.T. -0.00 min
Lab File: VV007662.D
Acq: 20 Sep 2018 18:39

Tgt Ion:112 Resp: 97177

Ion	Ratio	Lower	Upper
112	100		
114	32.5	21.5	39.9
77	51.0	40.8	61.2

Instrument :
MSVOA_V
ClientSampleId :
ET0R5MS