Quantitation Report (QT/LSC Reviewed)

Data Path : W:\HPCHEM1\MSVOA_V\DATA\VV052618\
Data File : VV006065.D
Acq On : 26 May 2018 19:19
Operator : SY/MD
Sample : J3090-16 100X
Misc : 5.0 mL/MSVOA_V/WATER
ALS Vial : 19 Sample Multiplier: 1

Quant Time: May 28 03:48:38 2018
Quant Method : W:\HPCHEM1\MSVOA_V\METHOD\SOMVLM052518WMA.M
Quant Title : VOC Analysis
QLast Update : Mon May 28 02:03:29 2018
Response via : Initial Calibration

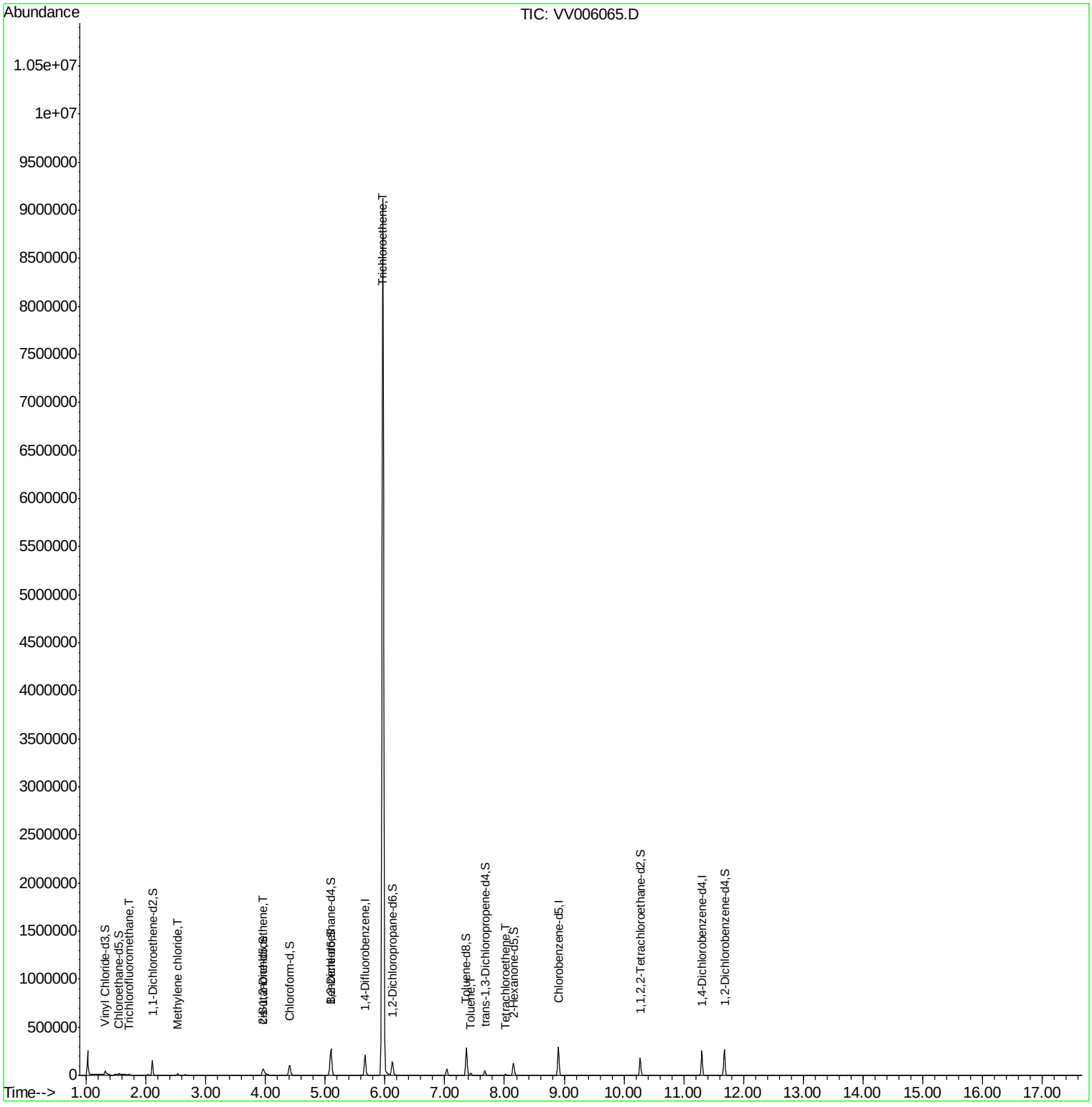
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	171883	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	159557	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	63473	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	54005m	44.99	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 89.98%			
7) Chloroethane-d5	1.55	69	8988	10.59	ug/L	-0.02
Spiked Amount 50.000	Range 70 - 130		Recovery = 21.18%#			
11) 1,1-Dichloroethene-d2	2.11	63	80828	36.17	ug/L	-0.02
Spiked Amount 50.000	Range 60 - 125		Recovery = 72.34%			
21) 2-Butanone-d5	3.96	46	52293	76.05	ug/L	0.02
Spiked Amount 100.000	Range 40 - 130		Recovery = 76.05%			
24) Chloroform-d	4.40	84	105211	46.49	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 92.98%			
26) 1,2-Dichloroethane-d4	5.09	65	71613	48.48	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 96.96%			
32) Benzene-d6	5.10	84	209888	49.48	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 98.96%			
36) 1,2-Dichloropropane-d6	6.12	67	67159	49.86	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 99.72%			
41) Toluene-d8	7.36	98	185837	47.36	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 94.72%			
43) trans-1,3-Dichloropropene-	7.67	79	26569	42.83	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 85.66%			
47) 2-Hexanone-d5	8.15	63	49820	94.10	ug/L	0.01
Spiked Amount 100.000	Range 45 - 130		Recovery = 94.10%			
57) 1,1,2,2-Tetrachloroethane-	10.27	84	87595	47.29	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 94.58%			
64) 1,2-Dichlorobenzene-d4	11.68	152	67703	53.63	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 107.26%			
Target Compounds						Qvalue
9) Trichlorofluoromethane	1.72	101	3569	1.75	ug/L	100
16) Methylene chloride	2.53	84	6708	5.31	ug/L	98
20) cis-1,2-Dichloroethene	3.96	96	19515	14.32	ug/L	96
34) Trichloroethene	5.96	95	3232345	2511.73	ug/L	97
42) Toluene	7.44	91	14227	2.73	ug/L	99
46) Tetrachloroethene	8.02	164	3157	3.26	ug/L	96

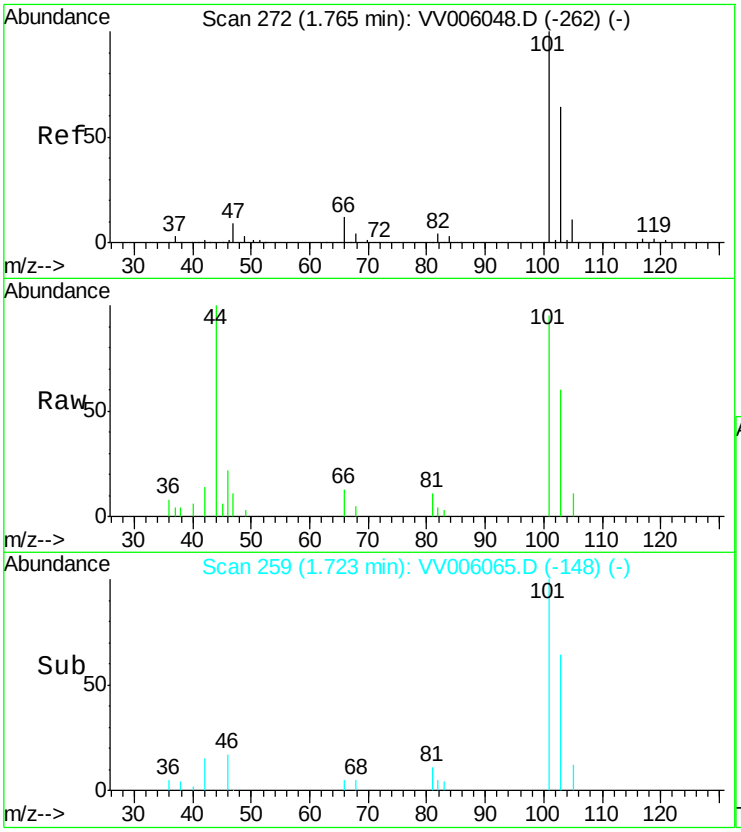
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT/LSC Reviewed)

Data Path : W:\HPCHEM1\MSVOA_V\DATA\VV052618\
Data File : VV006065.D
Acq On : 26 May 2018 19:19
Operator : SY/MD
Sample : J3090-16 100X
Misc : 5.0 mL/MSVOA_V/WATER
ALS Vial : 19 Sample Multiplier: 1

Quant Time: May 28 03:48:38 2018
Quant Method : W:\HPCHEM1\MSVOA_V\METHOD\SOMVLM052518WMA.M
Quant Title : VOC Analysis
QLast Update : Mon May 28 02:03:29 2018
Response via : Initial Calibration

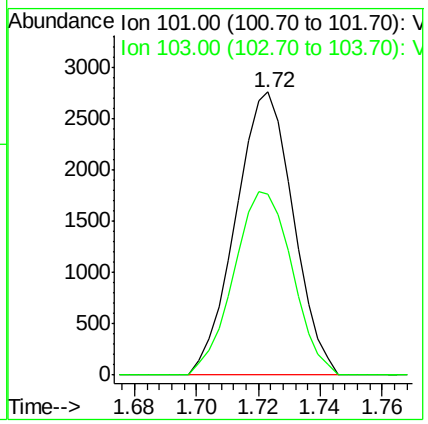


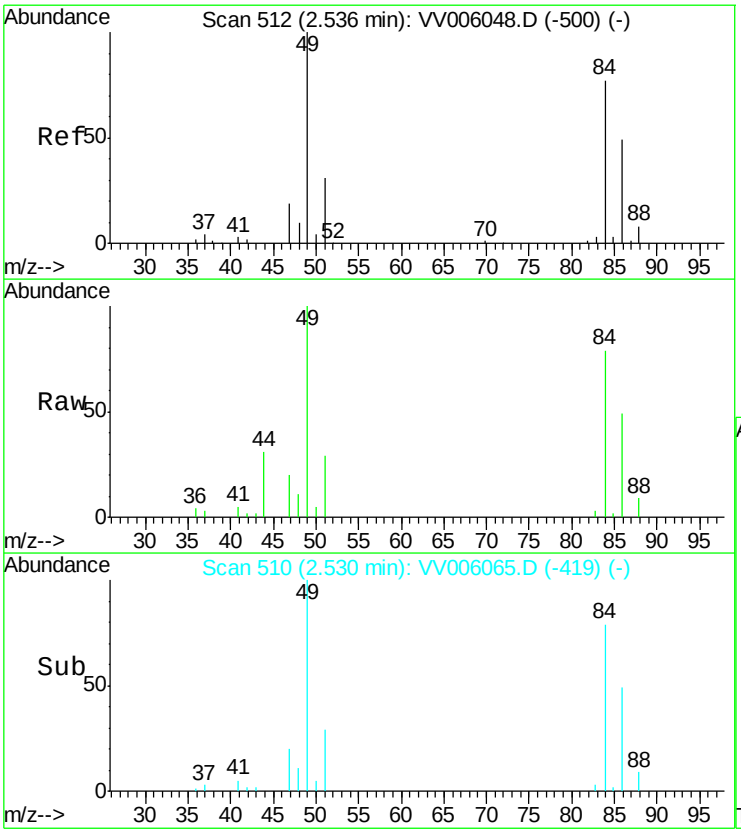


#9
Trichlorofluoromethane
Concen: 1.75 ug/L
RT: 1.72 min Scan# 259
Delta R.T. -0.04 min
Lab File: VV006065.D
Acq: 26 May 2018 19:19

Tgt Ion:101 Resp: 3569

Ion	Ratio	Lower	Upper
101	100		
103	65.8	52.6	78.8

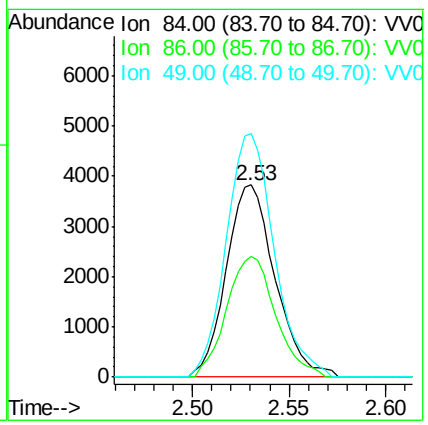


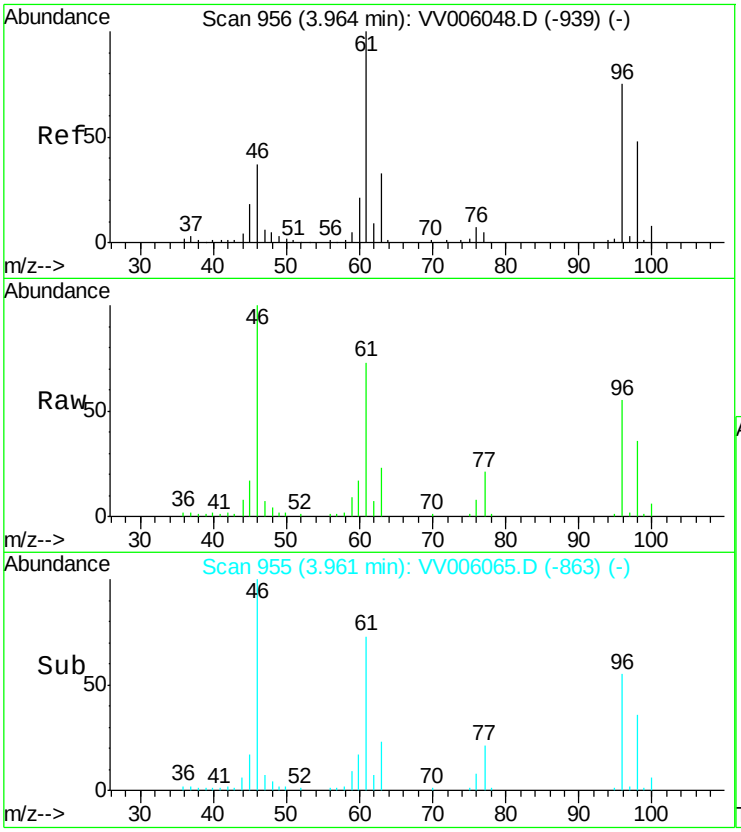


#16
Methylene chloride
Concen: 5.31 ug/L
RT: 2.53 min Scan# 510
Delta R.T. -0.01 min
Lab File: VV006065.D
Acq: 26 May 2018 19:19

Tgt Ion: 84 Resp: 6708

Ion	Ratio	Lower	Upper
84	100		
86	62.6	45.1	83.7
49	126.9	90.2	167.6

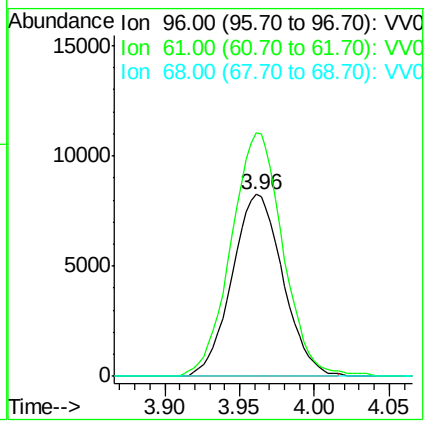


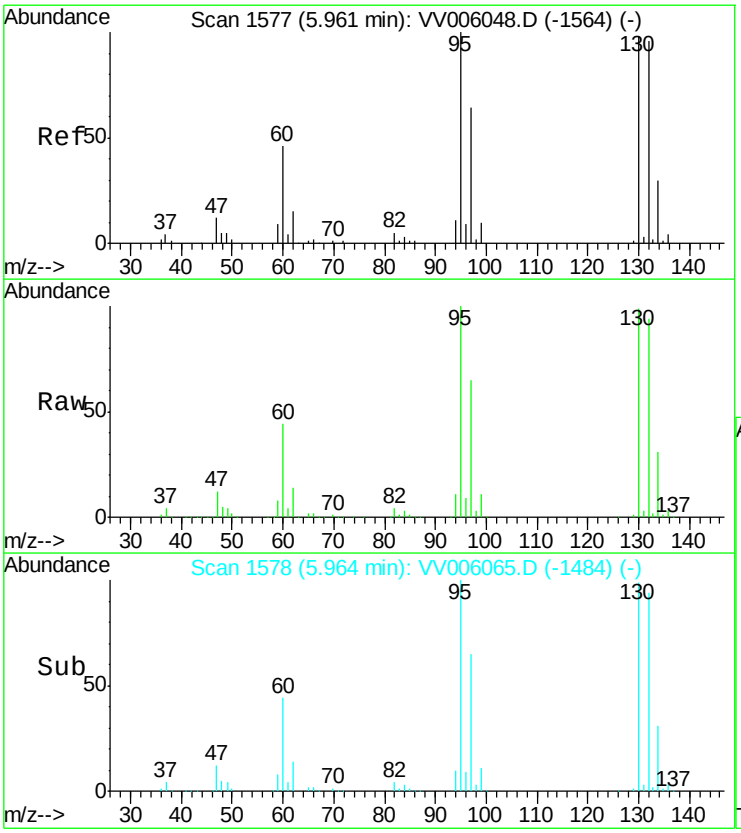


#20
cis-1,2-Dichloroethene
Concen: 14.32 ug/L
RT: 3.96 min Scan# 955
Delta R.T. -0.00 min
Lab File: VV006065.D
Acq: 26 May 2018 19:19

Tgt Ion: 96 Resp: 19515

Ion	Ratio	Lower	Upper
96	100		
61	133.7	89.9	167.0
68	0.0	0.0	0.0

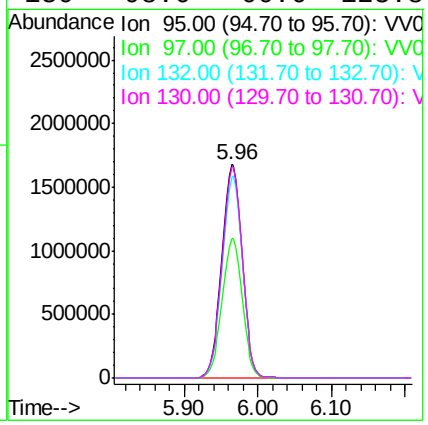


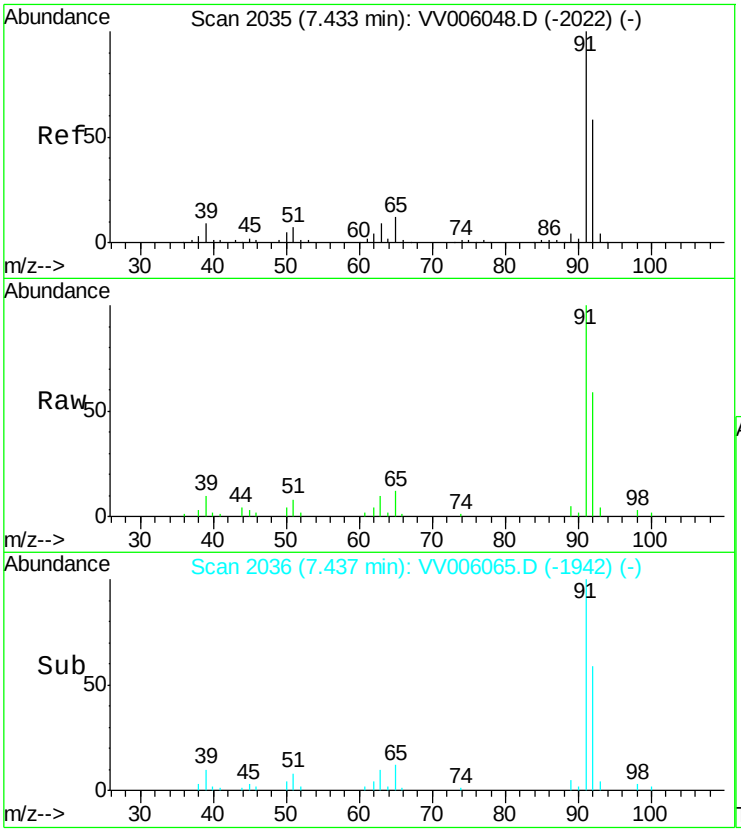


#34
Trichloroethene
Concen: 2511.73 ug/L
RT: 5.96 min Scan# 1578
Delta R.T. 0.00 min
Lab File: VV006065.D
Acq: 26 May 2018 19:19

Tgt Ion: 95 Resp: 3232345

Ion	Ratio	Lower	Upper
95	100		
97	65.3	44.0	81.6
132	94.3	65.0	120.6
130	98.6	66.6	123.8

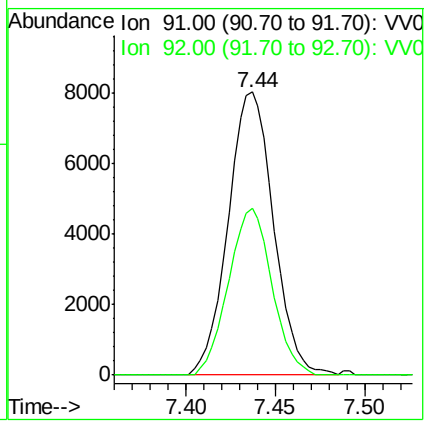


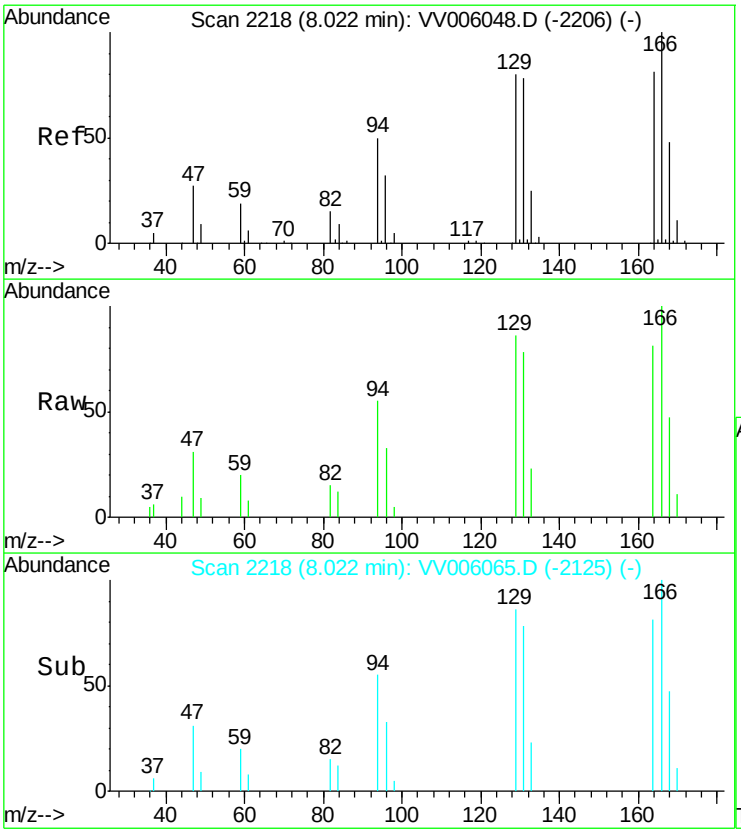


#42
Toluene
Concen: 2.73 ug/L
RT: 7.44 min Scan# 2036
Delta R.T. 0.00 min
Lab File: VV006065.D
Acq: 26 May 2018 19:19

Tgt Ion: 91 Resp: 14227

Ion	Ratio	Lower	Upper
91	100		
92	58.8	40.7	75.7





#46
Tetrachloroethene
Concen: 3.26 ug/L
RT: 8.02 min Scan# 2218
Delta R.T. 0.00 min
Lab File: VV006065.D
Acq: 26 May 2018 19:19

Tgt Ion:164 Resp: 3157

Ion	Ratio	Lower	Upper
164	100		
129	105.3	72.2	134.2
131	95.6	70.0	130.0
166	122.8	90.4	167.8