Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV050720\
Data File : VV015947.D
Acq On : 07 May 2020 18:41
Operator : SY/MD
Sample : L2519-02DL 5X
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BFRR9DL

Quant Time: May 08 06:18:49 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR050720WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri May 08 05:09:03 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	144919	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	142911	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	67405	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.31	65	38238	4.86	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 97.20%			
7) Chloroethane-d5	1.58	69	36675	4.92	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 98.40%			
11) 1,1-Dichloroethene-d2	2.12	63	60586	3.58	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 71.60%			
20) 2-Butanone-d5	3.97	46	115835	51.65	ug/L	0.03
Spiked Amount 50.000	Range 40 - 130		Recovery = 103.30%			
24) Chloroform-d	4.38	84	86507	5.03	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 100.60%			
26) 1,2-Dichloroethane-d4	5.06	65	51875	5.27	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 105.40%			
32) Benzene-d6	5.07	84	170944	5.03	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 100.60%			
36) 1,2-Dichloropropane-d6	6.09	67	52640	5.07	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 101.40%			
41) Toluene-d8	7.34	98	153911	4.79	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 95.80%			
45) trans-1,3-Dichloropropene-	7.65	79	18641	4.58	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 91.60%			
48) 2-Hexanone-d5	8.12	63	87925	49.13	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 98.26%			
59) 1,1,2,2-Tetrachloroethane-	10.24	84	36857	5.05	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 101.00%			
65) 1,2-Dichlorobenzene-d4	11.65	152	56948	5.21	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 104.20%			
Target Compounds						Qvalue
18) trans-1,2-Dichloroethene	2.78	96	1625	0.184	ug/L	93
22) cis-1,2-Dichloroethene	3.94	96	89128	9.660	ug/L	100
34) Trichloroethene	5.94	95	3368	0.328	ug/L	91

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

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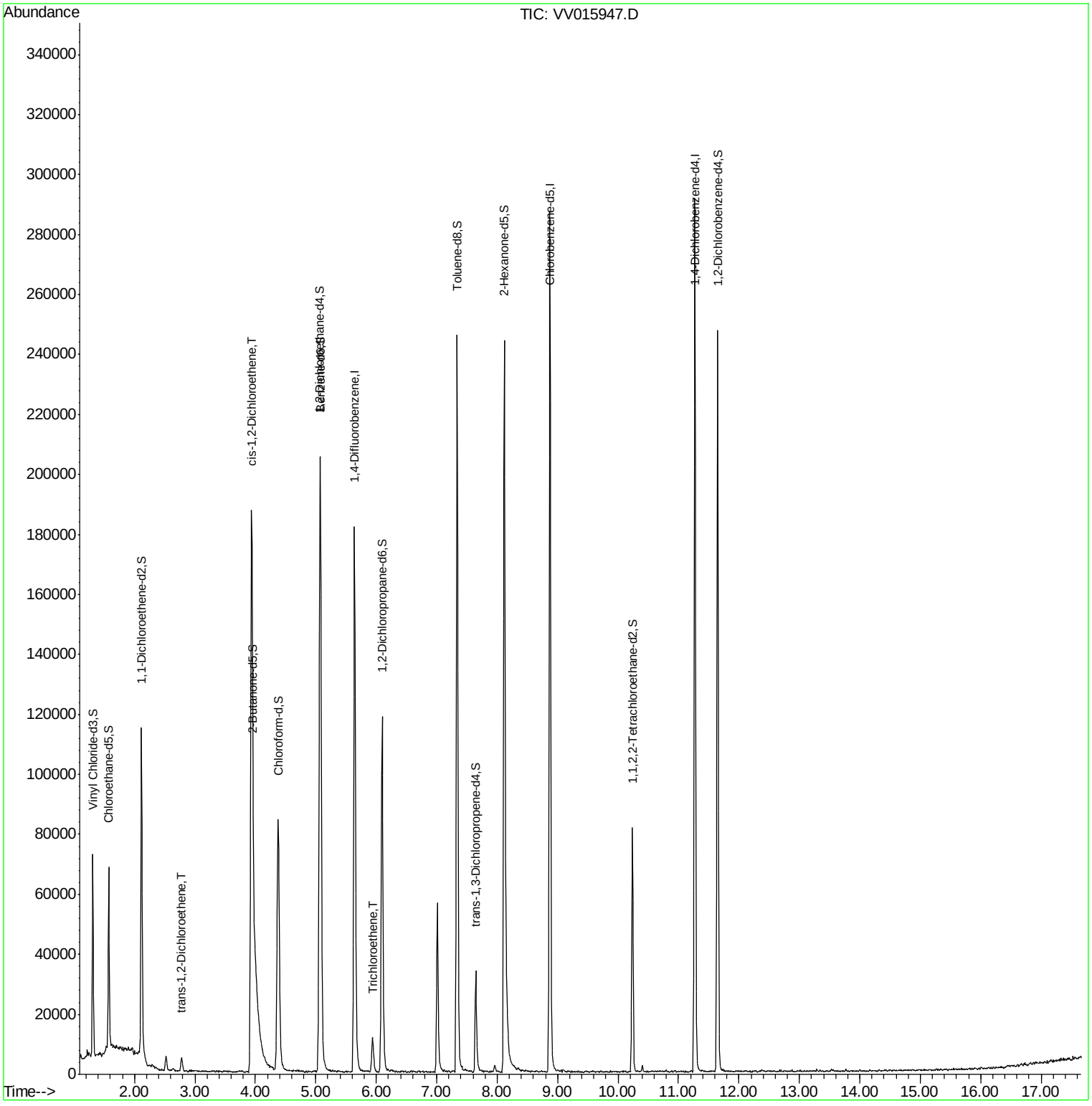
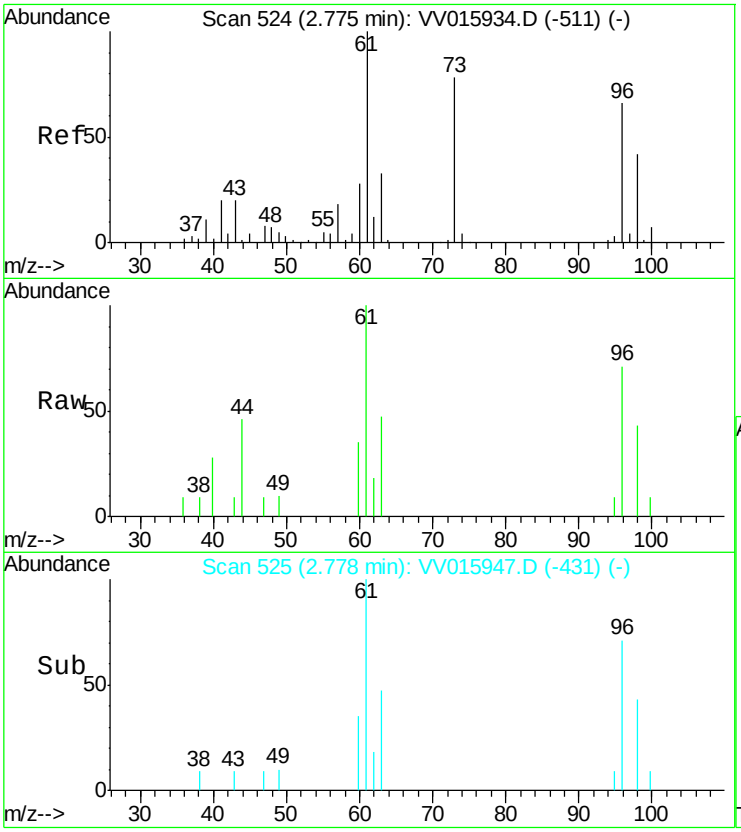


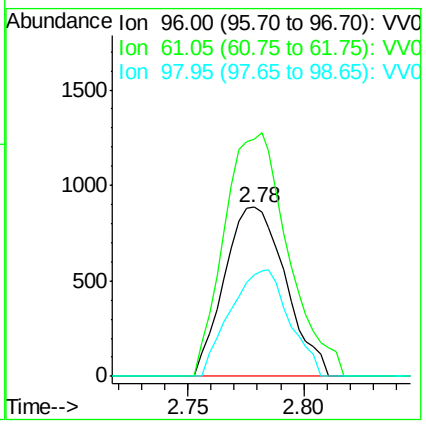


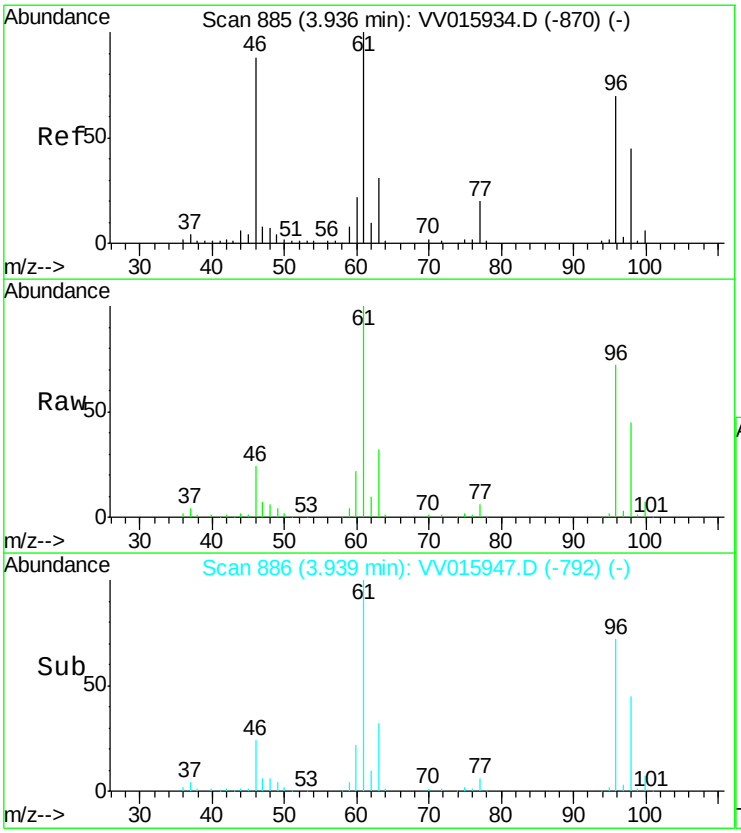
#18
trans-1,2-Dichloroethene
Concen: 0.184 ug/L
RT: 2.78 min Scan# 525
Delta R.T. 0.00 min
Lab File: VV015947.D
Acq: 07 May 2020 18:41

Instrument :
MSVOA_V
ClientSampleId :
BFRR9DL

Tgt Ion: 96 Resp: 1625

Ion	Ratio	Lower	Upper
96	100		
61	140.5	105.3	195.5
98	60.0	44.0	81.6

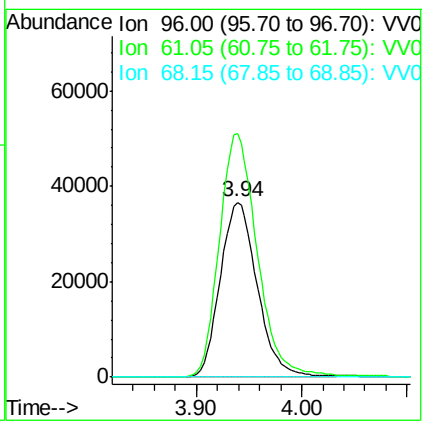


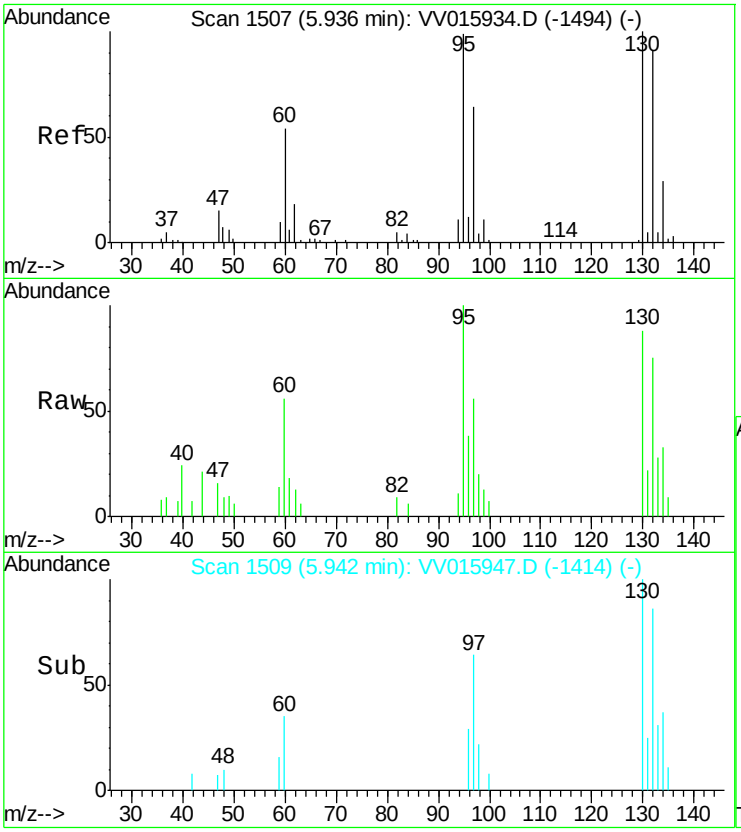


#22
cis-1,2-Dichloroethene
Concen: 9.660 ug/L
RT: 3.94 min Scan# 886
Delta R.T. 0.00 min
Lab File: VV015947.D
Acq: 07 May 2020 18:41

Tgt Ion: 96 Resp: 89128

Ion	Ratio	Lower	Upper
96	100		
61	139.0	97.2	180.6
68	0.0	0.0	0.0





#34
Trichloroethene
Concen: 0.328 ug/L
RT: 5.94 min Scan# 1509
Delta R.T. 0.01 min
Lab File: VV015947.D
Acq: 07 May 2020 18:41

Instrument :
MSVOA_V
ClientSampleId :
BFRR9DL

Tgt Ion: 95 Resp: 3368

Ion	Ratio	Lower	Upper
95	100		
97	55.9	43.3	80.5
132	74.9	60.3	112.1
130	87.6	66.0	122.6