Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV083019\
Data File : VV012465.D
Acq On : 30 Aug 2019 19:58
Operator : SY/MD
Sample : K4500-20DL 5X
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : GANL4DL

Quant Time: Aug 31 02:13:47 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR082919WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Aug 31 01:38:02 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	201454	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	204919	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	74775	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	49447	2.75	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 55.00%			
7) Chloroethane-d5	1.58	69	43552	3.35	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 67.00%			
11) 1,1-Dichloroethene-d2	2.13	63	72153	2.45	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 49.00%#			
20) 2-Butanone-d5	3.97	46	177228	48.43	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 96.86%			
24) Chloroform-d	4.40	84	119636	3.88	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 77.60%			
26) 1,2-Dichloroethane-d4	5.08	65	61324	4.09	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 81.80%			
32) Benzene-d6	5.10	84	221018	3.61	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 72.20%			
36) 1,2-Dichloropropane-d6	6.12	67	76772	3.95	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 79.00%			
41) Toluene-d8	7.36	98	166635	3.02	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 60.40%#			
43) trans-1,3-Dichloropropene-	7.67	79	22146	3.23	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 64.60%			
46) 2-Hexanone-d5	8.14	63	109687	40.66	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 81.32%			
57) 1,1,2,2-Tetrachloroethane-	10.26	84	57405	4.17	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 83.40%			
64) 1,2-Dichlorobenzene-d4	11.67	152	59997	4.12	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 82.40%			
Target Compounds						Qvalue
34) Trichloroethene	5.96	95	3261	0.151	ug/L	95
47) Tetrachloroethene	8.02	164	105279	6.085	ug/L	99

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

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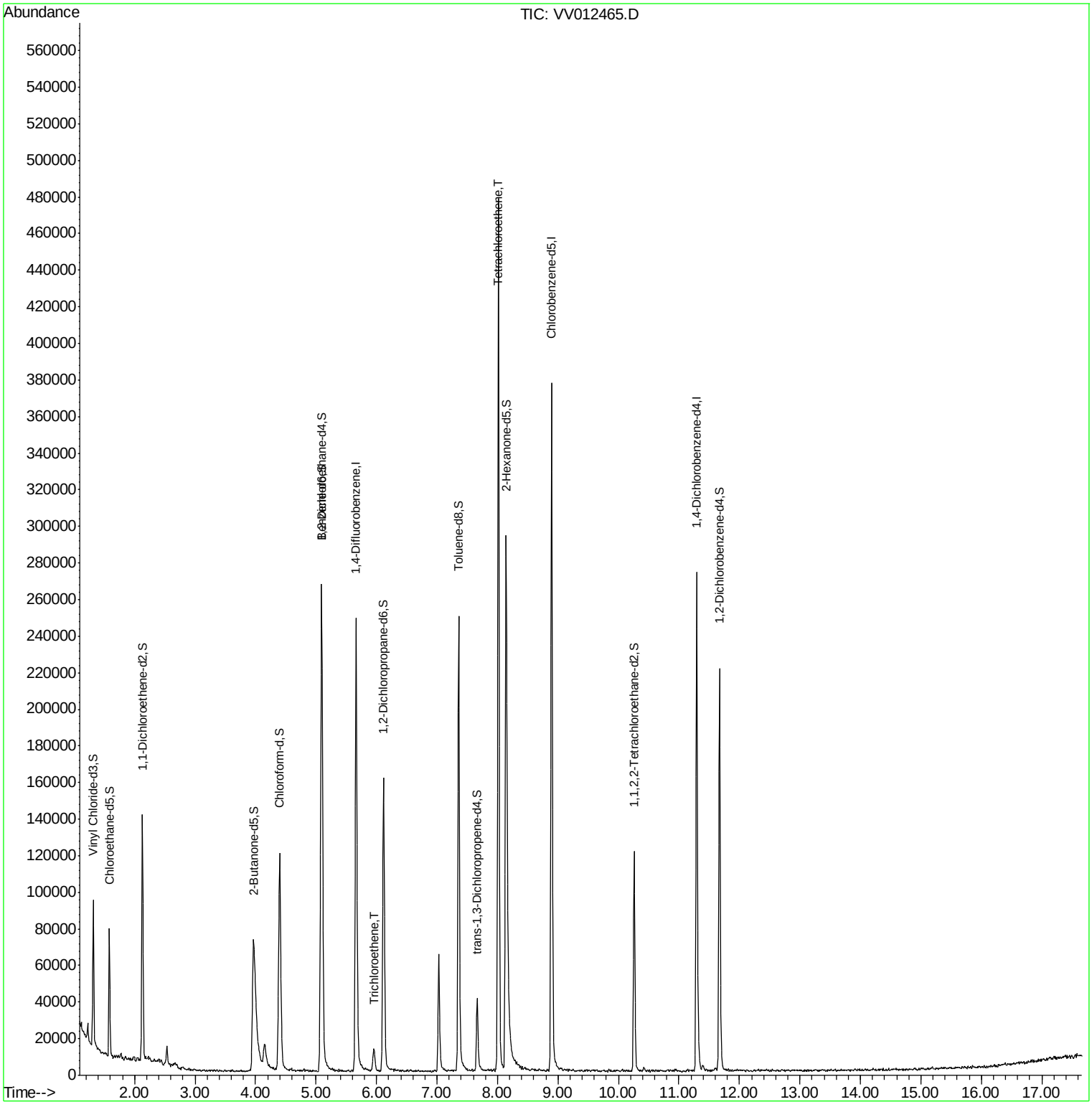
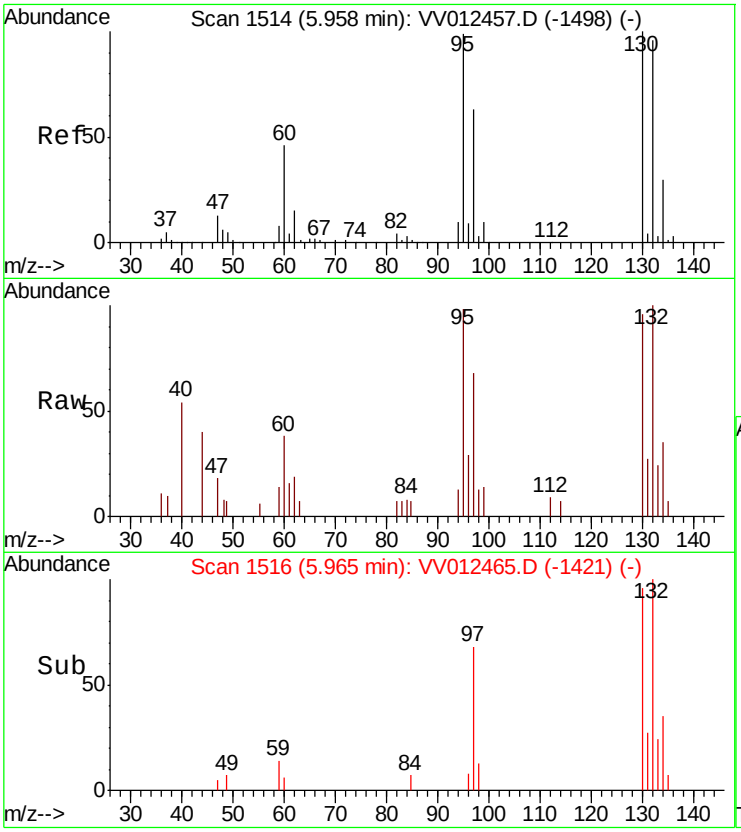


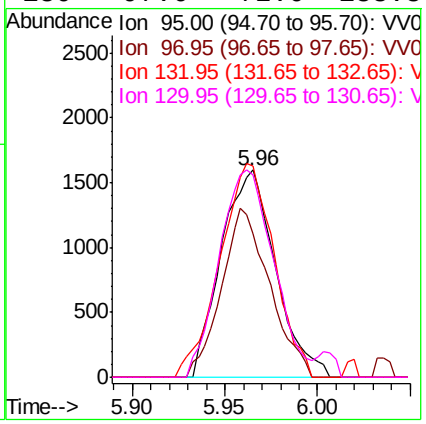


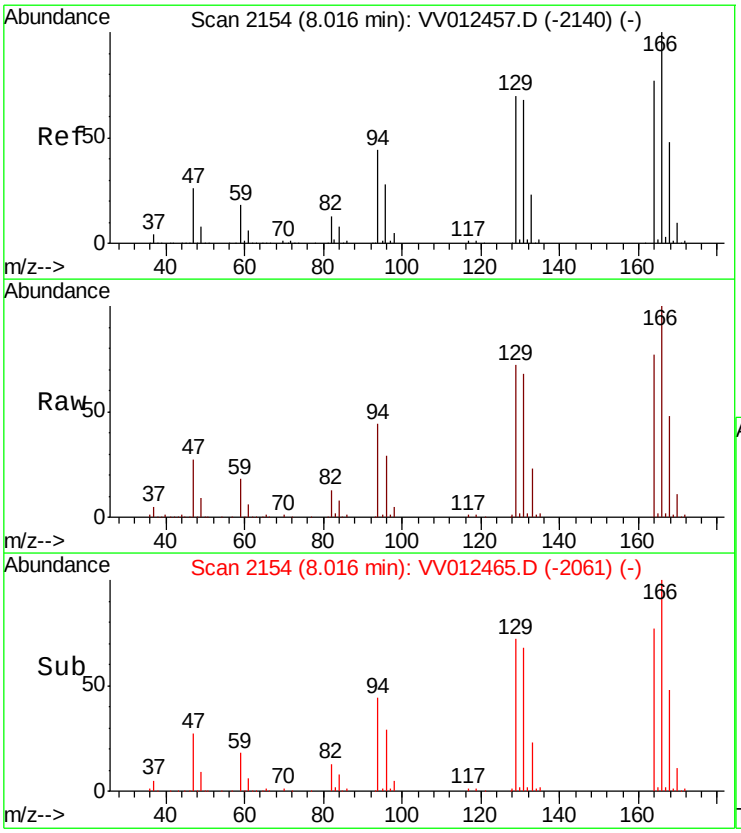
#34
Trichloroethene
Concen: 0.151 ug/L
RT: 5.96 min Scan# 1516
Delta R.T. 0.01 min
Lab File: VV012465.D
Acq: 30 Aug 2019 19:58

Instrument :
MSVOA_V
ClientSampleId :
GANL4DL

Tgt Ion: 95 Resp: 3261

Ion	Ratio	Lower	Upper
95	100		
97	69.1	45.8	85.2
132	102.1	68.3	126.9
130	97.6	72.0	133.8





#47
Tetrachloroethene
Concen: 6.085 ug/L
RT: 8.02 min Scan# 2154
Delta R.T. 0.00 min
Lab File: VV012465.D
Acq: 30 Aug 2019 19:58

Tgt Ion:164 Resp: 105279

Ion	Ratio	Lower	Upper
164	100		
129	93.1	65.6	121.8
131	88.7	63.3	117.5
166	129.9	89.4	166.0