Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV083019\
Data File : VV012464.D
Acq On : 30 Aug 2019 19:30
Operator : SY/MD
Sample : K4500-16DL 50X
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : GANL0DL

Quant Time: Aug 31 02:06:50 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	167886	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	167223	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	57625	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	42537	2.84	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 56.80%			
7) Chloroethane-d5	1.58	69	40079	3.70	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 74.00%			
11) 1,1-Dichloroethene-d2	2.13	63	59549	2.42	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 48.40%#			
20) 2-Butanone-d5	3.97	46	162303	53.22	ug/L	0.01
Spiked Amount 50.000	Range 40 - 130		Recovery = 106.44%			
24) Chloroform-d	4.40	84	109184	4.25	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 85.00%			
26) 1,2-Dichloroethane-d4	5.08	65	58389	4.67	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 93.40%			
32) Benzene-d6	5.10	84	191825	3.84	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 76.80%			
36) 1,2-Dichloropropane-d6	6.12	67	68772	4.34	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 86.80%			
41) Toluene-d8	7.36	98	133656	2.97	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 59.40%#			
43) trans-1,3-Dichloropropene-	7.67	79	19899	3.55	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 71.00%			
46) 2-Hexanone-d5	8.14	63	95043	43.17	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 86.34%			
57) 1,1,2,2-Tetrachloroethane-	10.26	84	51995	4.62	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 92.40%			
64) 1,2-Dichlorobenzene-d4	11.67	152	47301	4.22	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 84.40%			
Target Compounds						Qvalue
16) Methylene chloride	2.53	84	6742	0.463	ug/L	94
47) Tetrachloroethene	8.02	164	66060	4.679	ug/L	99

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

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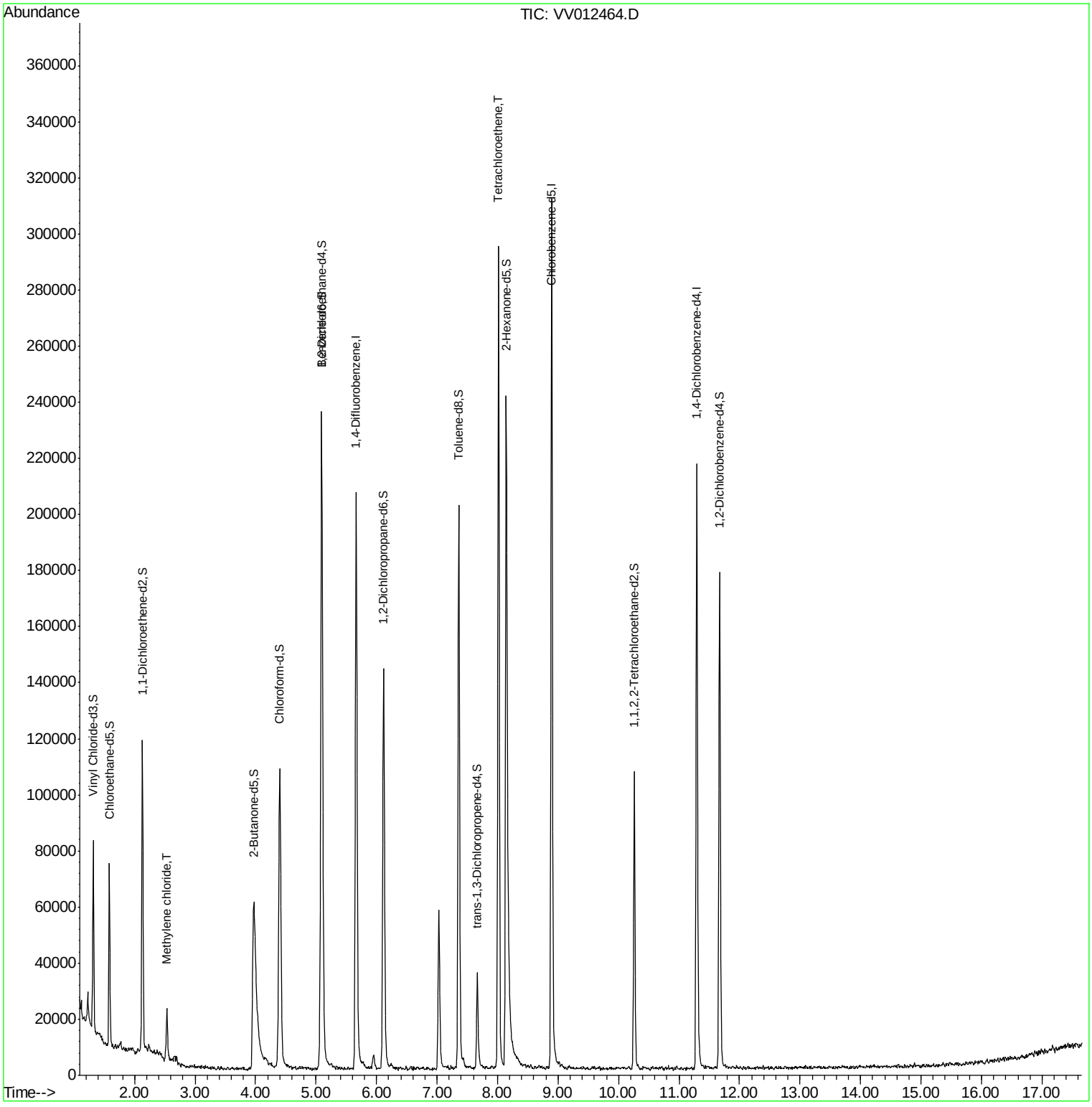
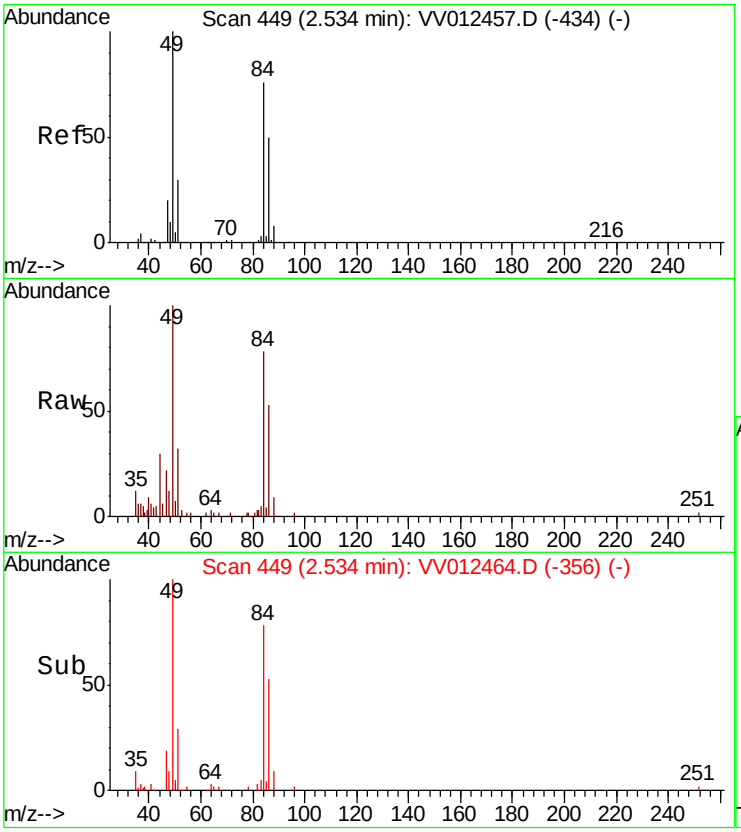


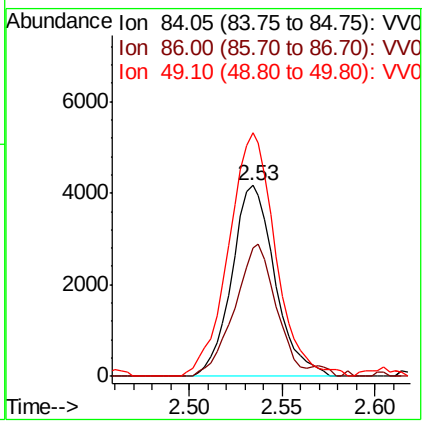


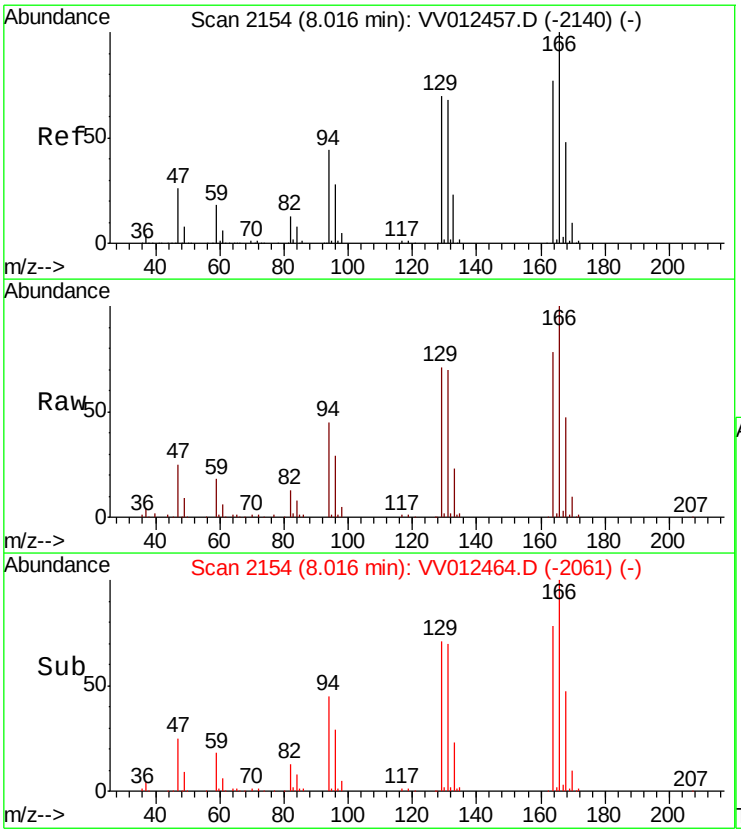
#16
Methylene chloride
Concen: 0.463 ug/L
RT: 2.53 min Scan# 449
Delta R.T. -0.00 min
Lab File: VV012464.D
Acq: 30 Aug 2019 19:30

Instrument :
MSVOA_V
ClientSampleId :
GANL0DL

Tgt Ion: 84 Resp: 6742

Ion	Ratio	Lower	Upper
84	100		
86	67.5	45.2	84.0
49	127.4	95.1	176.7





#47
Tetrachloroethene
Concen: 4.679 ug/L
RT: 8.02 min Scan# 2154
Delta R.T. -0.00 min
Lab File: VV012464.D
Acq: 30 Aug 2019 19:30

Tgt Ion:164 Resp: 66060

Ion	Ratio	Lower	Upper
164	100		
129	91.0	65.6	121.8
131	89.1	63.3	117.5
166	128.0	89.4	166.0