Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU111518\
Data File : VU028180.D
Acq On : 15 Nov 2018 18:37
Operator : MD/SY
Sample : J5946-05
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : F9C11

Quant Time: Nov 16 16:24:16 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR111418WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Nov 16 00:43:47 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	167845	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	161982	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	72194	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	52659	3.78	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 75.60%			
7) Chloroethane-d5	1.68	69	46442	4.20	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 84.00%			
11) 1,1-Dichloroethene-d2	2.28	63	78730	3.03	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 60.60%			
20) 2-Butanone-d5	4.19	46	209714	51.91	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 103.82%			
24) Chloroform-d	4.65	84	100248	4.53	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 90.60%			
26) 1,2-Dichloroethane-d4	5.31	65	58990	4.77	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 95.40%			
32) Benzene-d6	5.34	84	204517	4.40	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 88.00%			
36) 1,2-Dichloropropane-d6	6.33	67	75559	4.54	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 90.80%			
41) Toluene-d8	7.57	98	174836	4.04	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 80.80%			
43) trans-1,3-Dichloropropene-	7.85	79	23544	3.97	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 79.40%			
46) 2-Hexanone-d5	8.31	63	156078	46.05	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 92.10%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	55055	4.68	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 93.60%			
64) 1,2-Dichlorobenzene-d4	11.86	152	62716	4.65	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 93.00%			
Target Compounds						Qvalue
30) Cyclohexane	5.00	56	12718	0.49	ug/L	96
47) Tetrachloroethene	8.23	164	3275	0.30	ug/L	87

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

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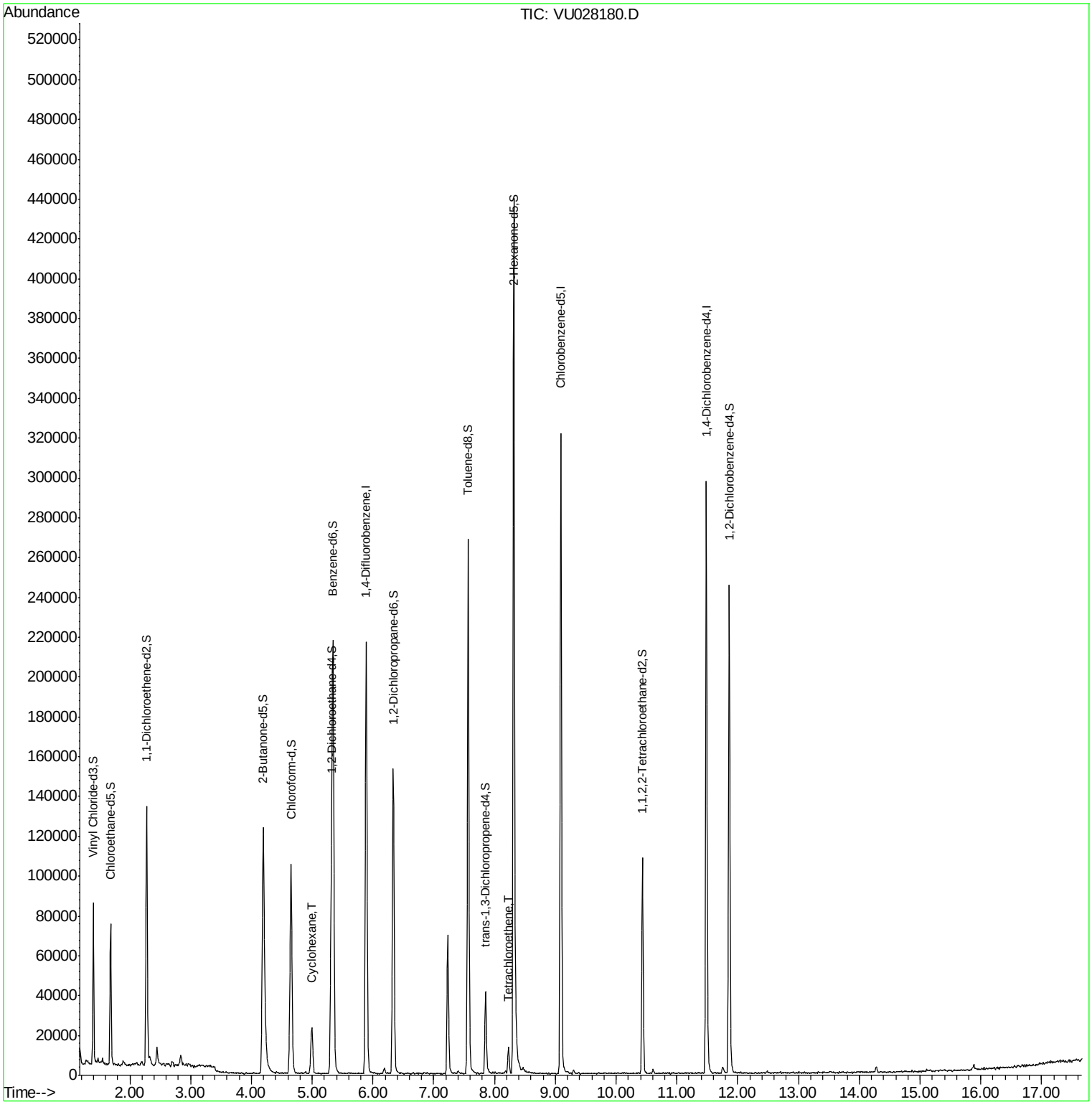
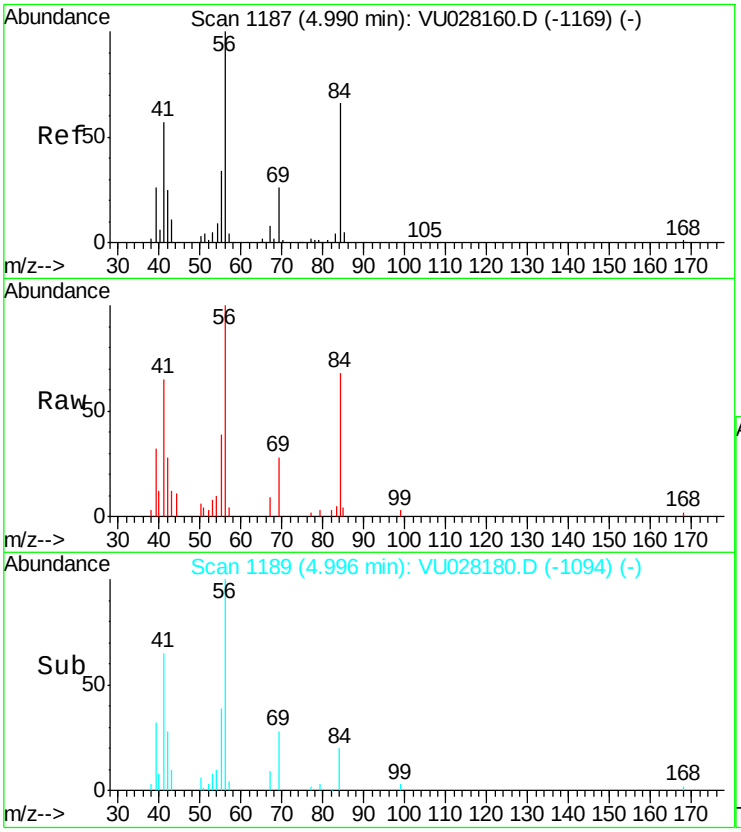


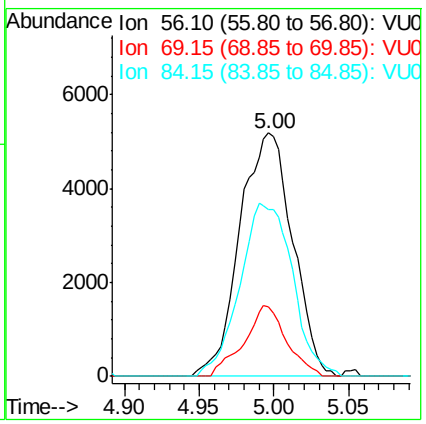


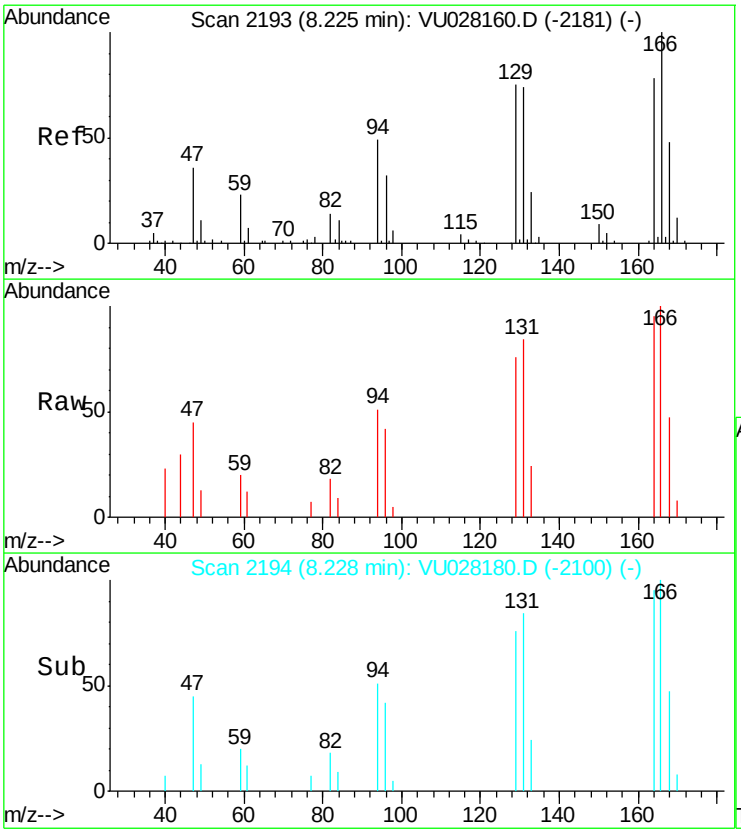
#30
Cyclohexane
Concen: 0.49 ug/L
RT: 5.00 min Scan# 1189
Delta R.T. 0.01 min
Lab File: VU028180.D
Acq: 15 Nov 2018 18:37

Instrument : MSVOA_U
ClientSampleId : F9C11

Tgt Ion: 56 Resp: 12718

Ion	Ratio	Lower	Upper
56	100		
69	23.4	22.6	33.8
84	70.9	57.7	86.5





#47
Tetrachloroethene
Concen: 0.30 ug/L
RT: 8.23 min Scan# 2194
Delta R.T. 0.00 min
Lab File: VU028180.D
Acq: 15 Nov 2018 18:37

Tgt Ion:164 Resp: 3275

Ion	Ratio	Lower	Upper
164	100		
129	80.3	69.7	129.4
131	88.5	64.0	118.8
166	105.1	86.4	160.4