Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU052019\
Data File : VU032168.D
Acq On : 20 May 2019 20:44
Operator : JC/SP
Sample : K2889-04
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0BM1

Quant Time: May 21 09:22:51 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR051619WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue May 21 08:29:49 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	349548	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	371499	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	148536	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	96525	3.28	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 65.60%			
7) Chloroethane-d5	1.68	69	88487	3.52	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 70.40%			
11) 1,1-Dichloroethene-d2	2.27	63	140082	2.99	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 59.80%#			
20) 2-Butanone-d5	4.19	46	237307	41.05	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 82.10%			
24) Chloroform-d	4.64	84	205489	3.97	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 79.40%			
26) 1,2-Dichloroethane-d4	5.31	65	101877	3.81	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 76.20%			
32) Benzene-d6	5.33	84	404164	3.57	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 71.40%			
36) 1,2-Dichloropropane-d6	6.32	67	120347	3.63	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 72.60%			
41) Toluene-d8	7.56	98	327806	3.28	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 65.60%#			
43) trans-1,3-Dichloropropene-	7.85	79	42062	3.53	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 70.60%			
46) 2-Hexanone-d5	8.31	63	221208	41.08	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 82.16%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	105881	3.91	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 78.20%			
64) 1,2-Dichlorobenzene-d4	11.86	152	129934	4.13	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 82.60%			
Target Compounds						Qvalue
13) Acetone	2.33	43	5259	2.771	ug/L	96
38) Bromodichloromethane	6.76	83	2608	0.146	ug/L #	84
47) Tetrachloroethene	8.22	164	1001035	86.541	ug/L	93

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

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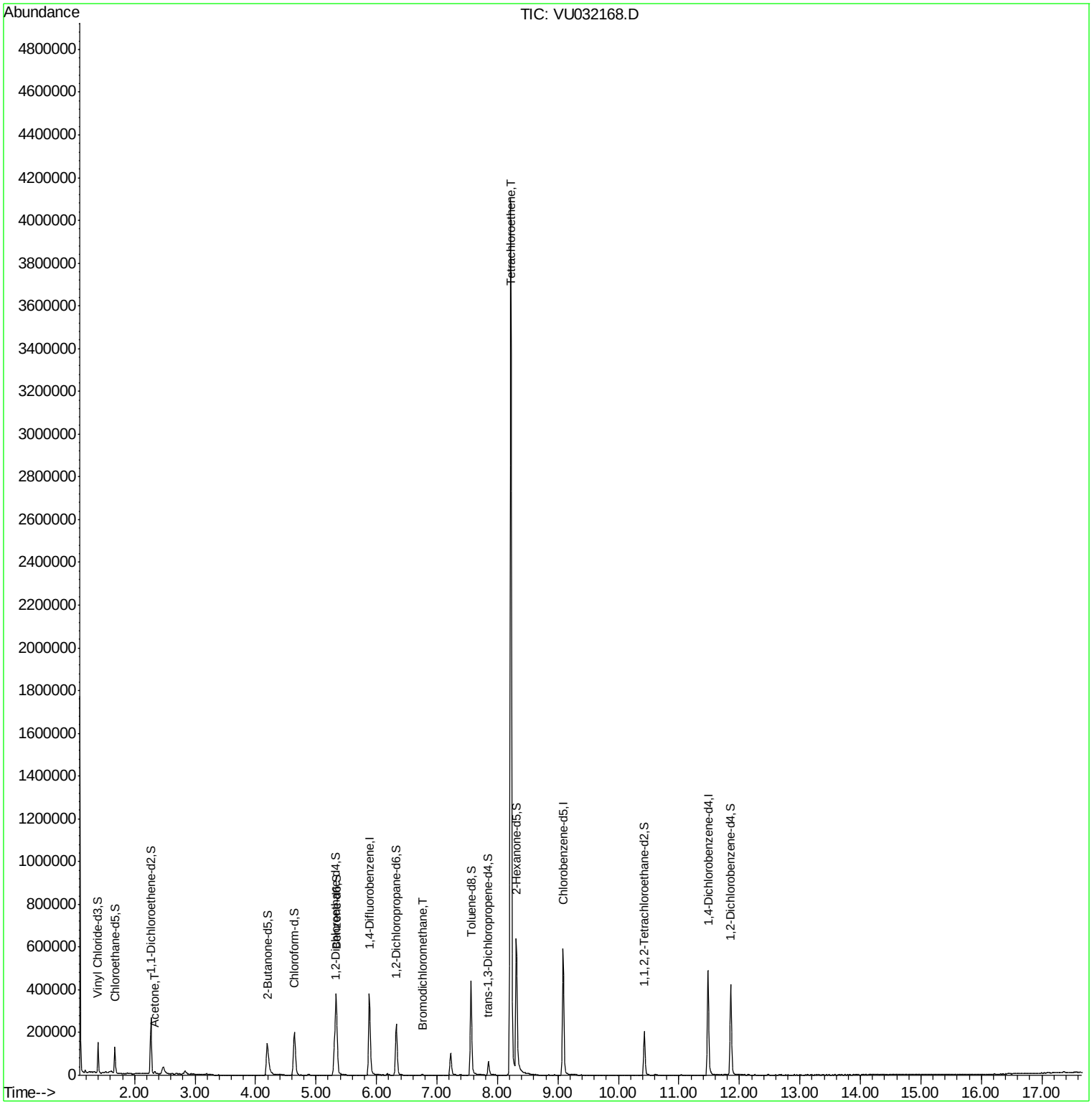
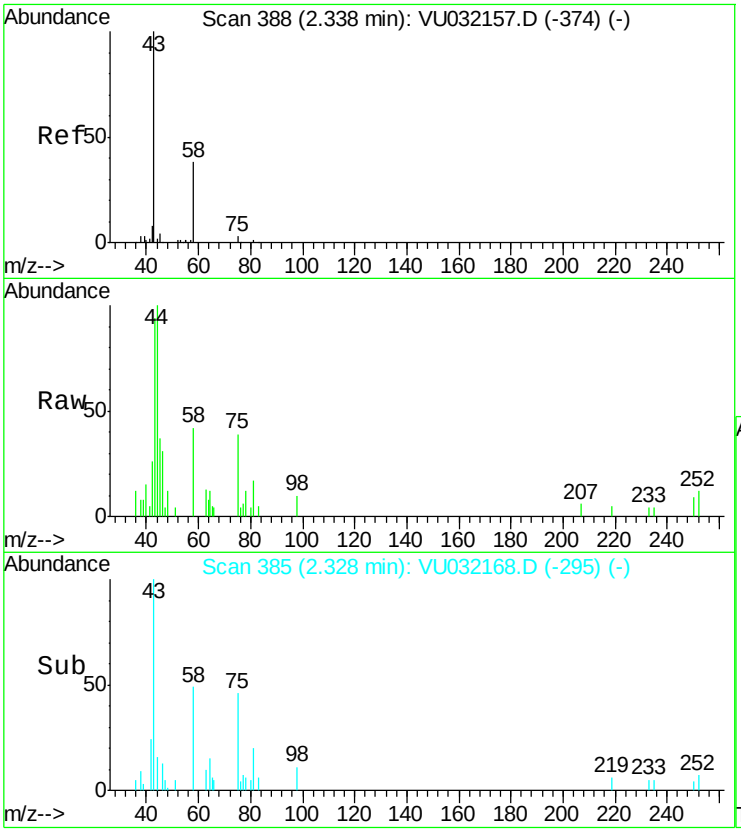


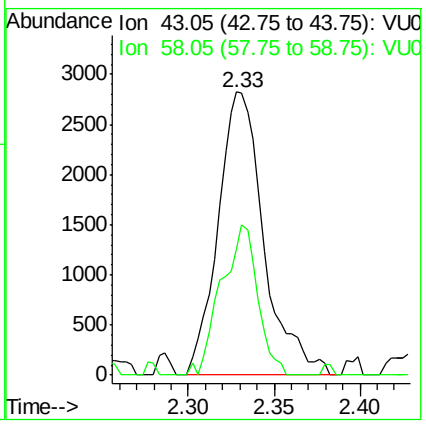


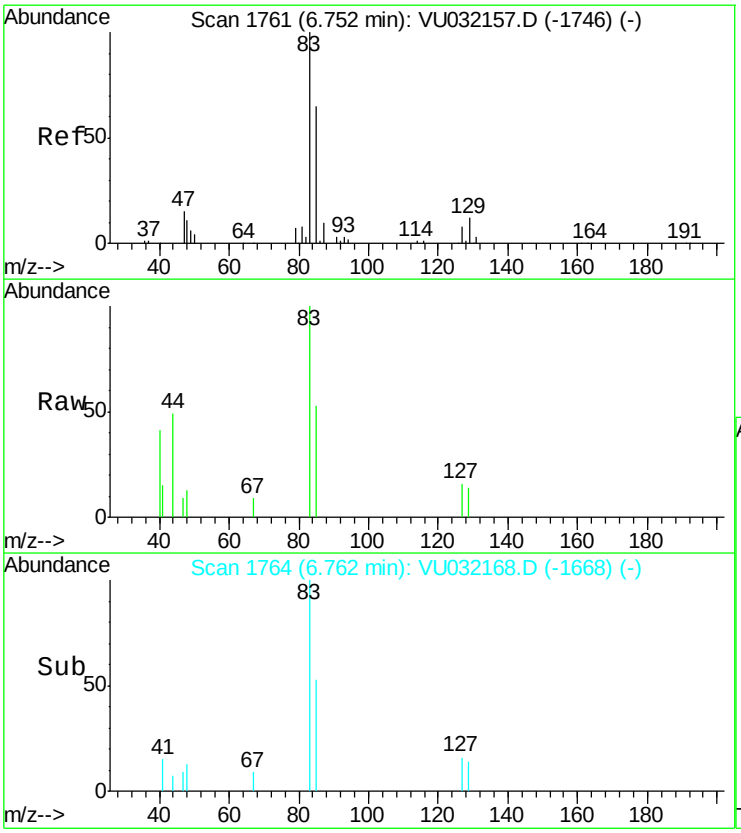
#13
Acetone
Concen: 2.771 ug/L
RT: 2.33 min Scan# 385
Delta R.T. -0.01 min
Lab File: VU032168.D
Acq: 20 May 2019 20:44

Instrument : MSVOA_U
ClientSampleId : C0BM1

Tgt Ion: 43 Resp: 5259

Ion	Ratio	Lower	Upper
43	100		
58	42.1	0.0	78.8

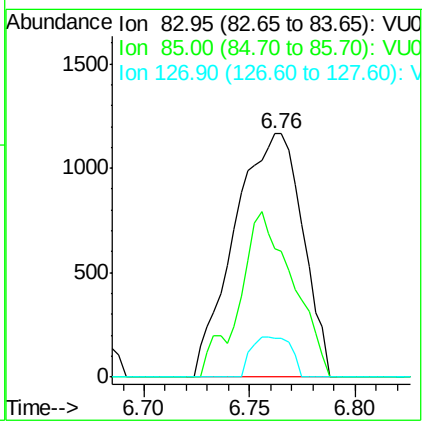


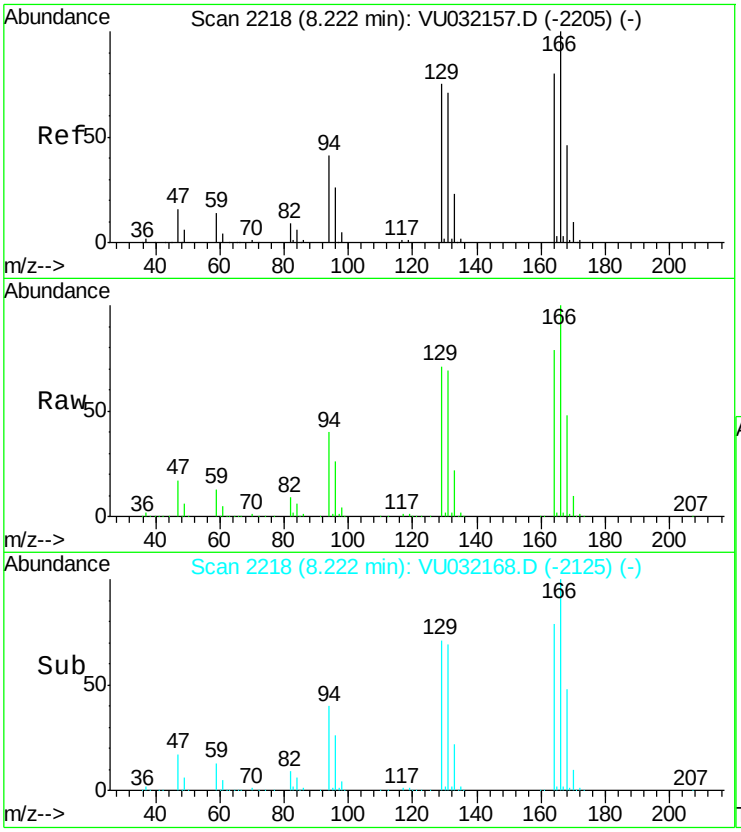


#38
Bromodichloromethane
Concen: 0.146 ug/L
RT: 6.76 min Scan# 1764
Delta R.T. 0.01 min
Lab File: VU032168.D
Acq: 20 May 2019 20:44

Tgt Ion: 83 Resp: 2608

Ion	Ratio	Lower	Upper
83	100		
85	52.9	45.5	84.5
127	16.1	6.3	9.5#





#47
Tetrachloroethene
Concen: 86.541 ug/L
RT: 8.22 min Scan# 2218
Delta R.T. 0.00 min
Lab File: VU032168.D
Acq: 20 May 2019 20:44

Instrument :
MSVOA_U
ClientSampleId :
C0BM1

Tgt Ion:164 Resp: 1001035

Ion	Ratio	Lower	Upper
164	100		
129	89.5	70.3	130.5
131	86.5	64.5	119.9
166	126.0	92.3	171.5