Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU051719\
Data File : VU032111.D
Acq On : 17 May 2019 19:27
Operator : JC/SP
Sample : K2850-02DL 5X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : F9W01DL

Quant Time: May 18 05:16:08 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR051619WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat May 18 04:08:35 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	375176	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	373832	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	147768	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.39	65	121699	3.85	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 77.00%			
7) Chloroethane-d5	1.68	69	102617	3.80	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 76.00%			
11) 1,1-Dichloroethene-d2	2.27	63	171666	3.41	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 68.20%			
20) 2-Butanone-d5	4.21	46	278483	44.88	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 89.76%			
24) Chloroform-d	4.64	84	234255	4.22	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 84.40%			
26) 1,2-Dichloroethane-d4	5.31	65	120199	4.19	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 83.80%			
32) Benzene-d6	5.33	84	470986	4.13	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 82.60%			
36) 1,2-Dichloropropane-d6	6.33	67	139500	4.19	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 83.80%			
41) Toluene-d8	7.56	98	392309	3.90	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 78.00%			
43) trans-1,3-Dichloropropene-	7.85	79	49150	4.10	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 82.00%			
46) 2-Hexanone-d5	8.31	63	242409	44.74	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 89.48%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	127787	4.69	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 93.80%			
64) 1,2-Dichlorobenzene-d4	11.86	152	149378	4.77	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 95.40%			
Target Compounds						Qvalue
13) Acetone	2.34	43	4626	2.271	ug/L	94
17) Methyl tert-butyl Ether	3.00	73	449936	12.702	ug/L	96
34) Trichloroethene	6.18	95	4943	0.317	ug/L #	78
47) Tetrachloroethene	8.23	164	5698	0.490	ug/L	92

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

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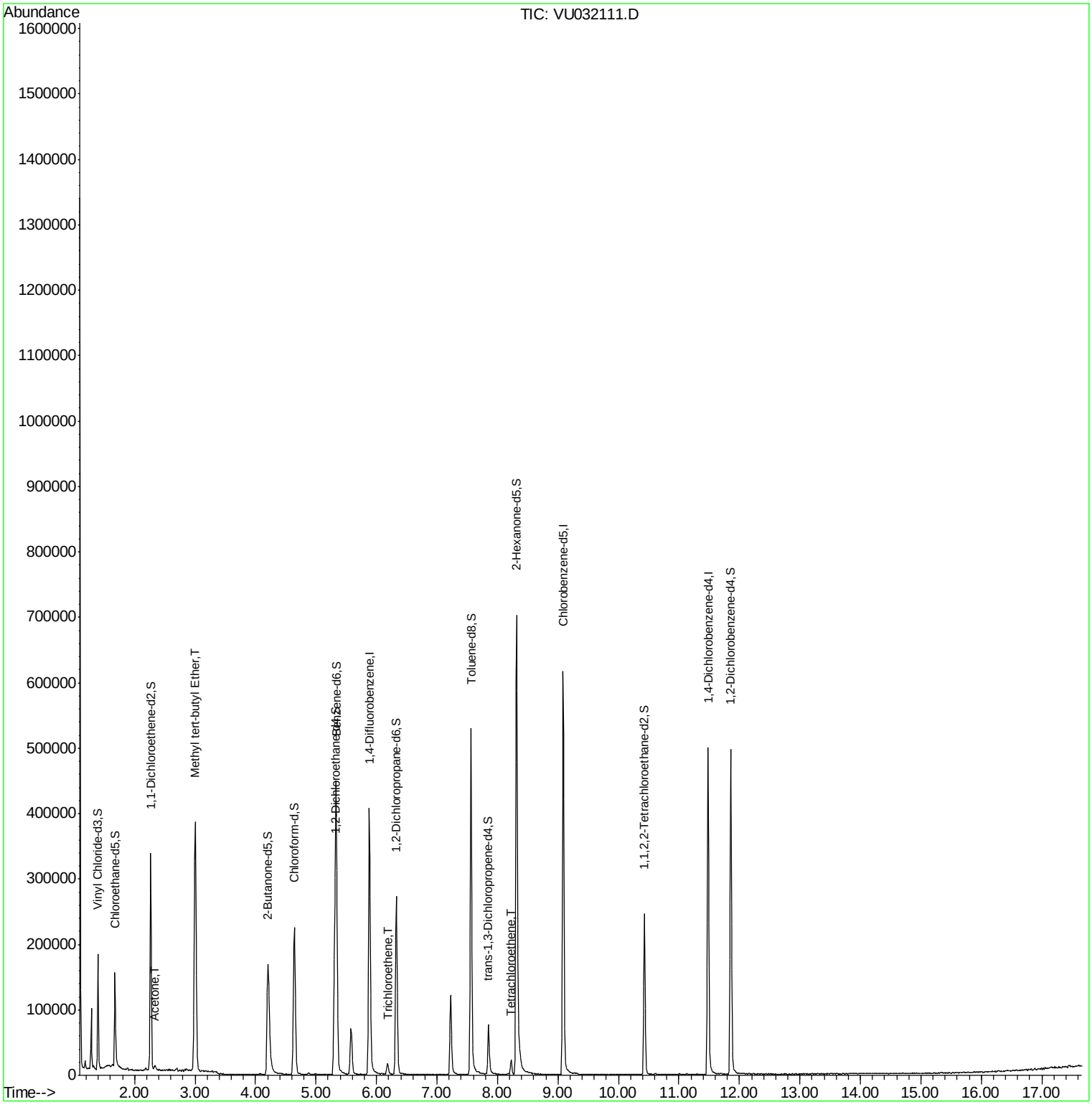
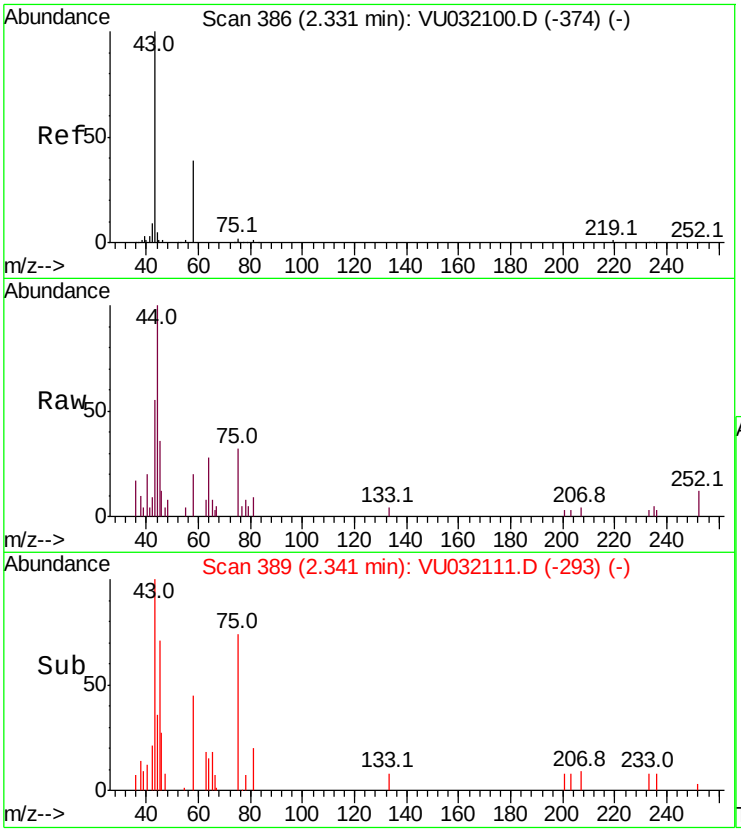


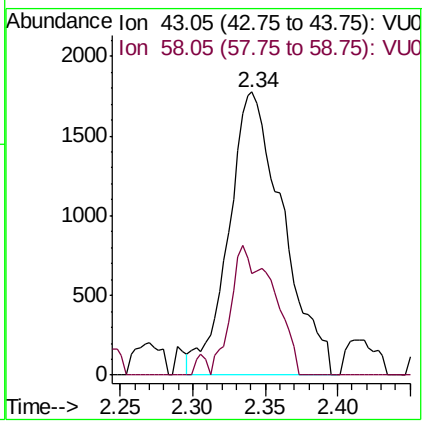


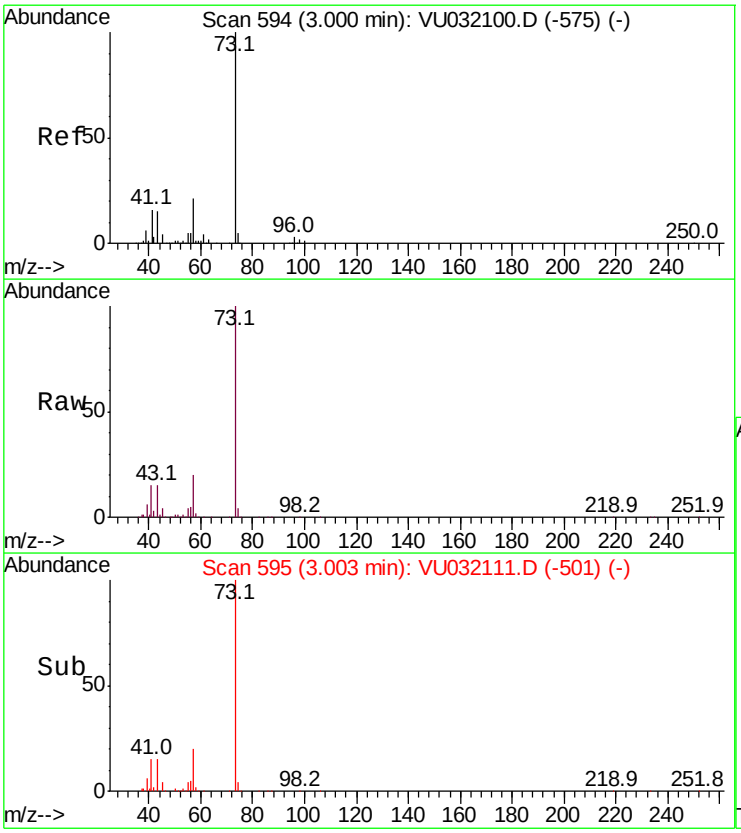
#13
Acetone
Concen: 2.271 ug/L
RT: 2.34 min Scan# 389
Delta R.T. 0.01 min
Lab File: VU032111.D
Acq: 17 May 2019 19:27

Instrument :
MSVOA_U
ClientSampleId :
F9W01DL

Tgt Ion: 43 Resp: 4626

Ion	Ratio	Lower	Upper
43	100		
58	35.8	0.0	78.8

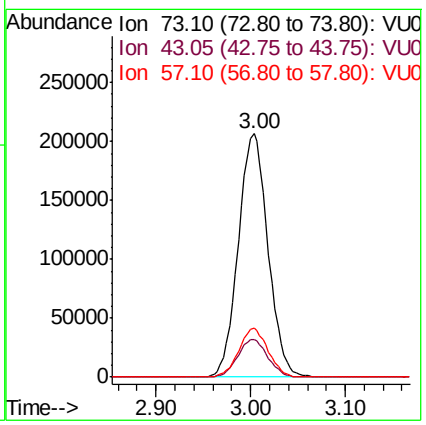


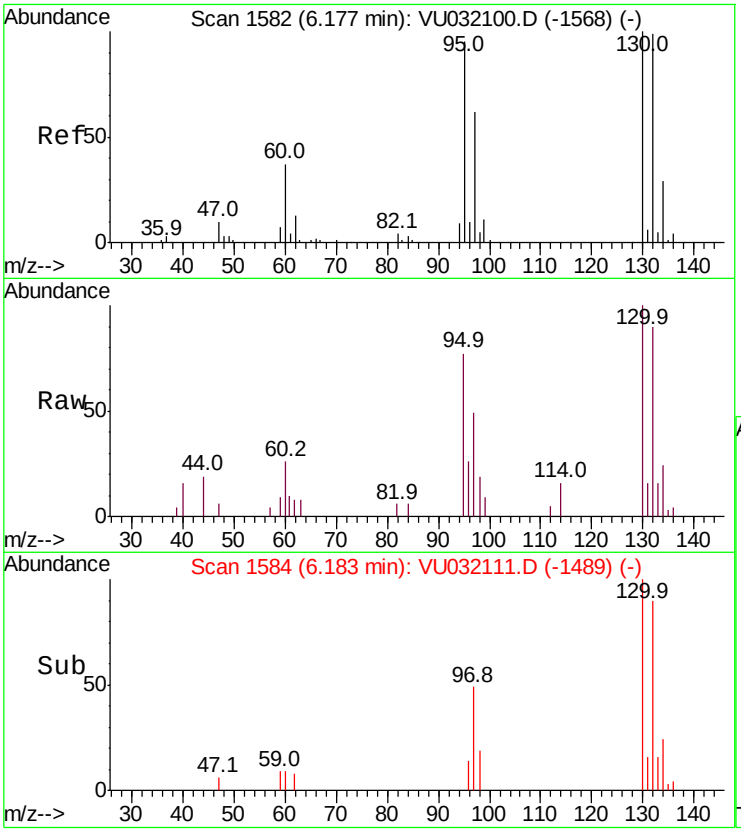


#17
Methyl tert-butyl Ether
Concen: 12.702 ug/L
RT: 3.00 min Scan# 595
Delta R.T. 0.00 min
Lab File: VU032111.D
Acq: 17 May 2019 19:27

Tgt Ion: 73 Resp: 449936

Ion	Ratio	Lower	Upper
73	100		
43	15.5	13.0	19.6
57	19.7	17.9	26.9



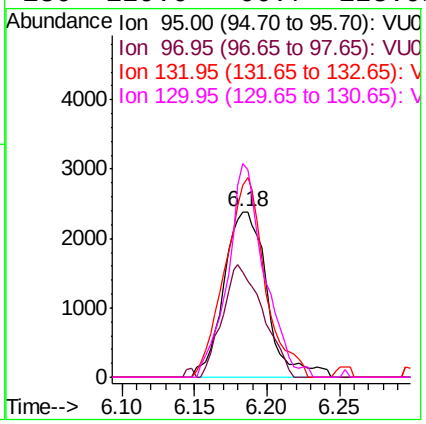


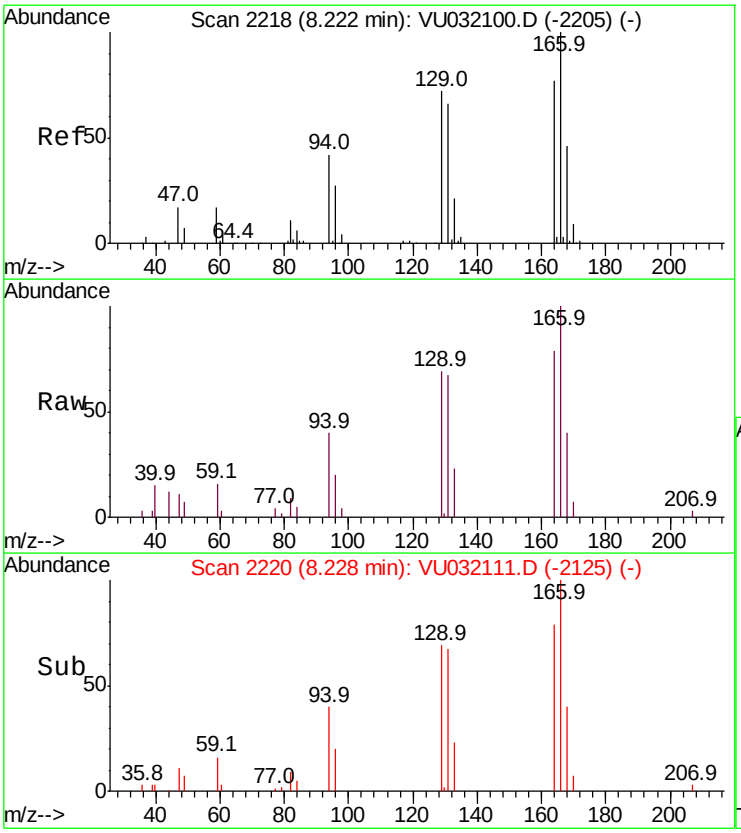
#34
Trichloroethene
Concen: 0.317 ug/L
RT: 6.18 min Scan# 1584
Delta R.T. 0.01 min
Lab File: VU032111.D
Acq: 17 May 2019 19:27

Instrument :
MSVOA_U
ClientSampleId :
F9W01DL

Tgt Ion: 95 Resp: 4943

Ion	Ratio	Lower	Upper
95	100		
97	63.8	45.2	84.0
132	116.0	66.1	122.7
130	129.0	66.7	123.9#





#47
Tetrachloroethene
Concen: 0.490 ug/L
RT: 8.23 min Scan# 2220
Delta R.T. 0.01 min
Lab File: VU032111.D
Acq: 17 May 2019 19:27

Tgt Ion:164 Resp: 5698

Ion	Ratio	Lower	Upper
164	100		
129	87.4	70.3	130.5
131	84.3	64.5	119.9
166	126.7	92.3	171.5