Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU051619\
Data File : VU032070.D
Acq On : 16 May 2019 23:59
Operator : JC/SP
Sample : K2850-12
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 31 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : F9W12

Quant Time: May 17 08:32:59 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR051619WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri May 17 07:17:36 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	383890	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	400446	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	157564	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	151017	4.67	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 93.40%			
7) Chloroethane-d5	1.68	69	126290	4.57	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 91.40%			
11) 1,1-Dichloroethene-d2	2.27	63	212329	4.12	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 82.40%			
20) 2-Butanone-d5	4.20	46	274926	43.31	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 86.62%			
24) Chloroform-d	4.64	84	257600	4.53	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 90.60%			
26) 1,2-Dichloroethane-d4	5.31	65	131973	4.50	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 90.00%			
32) Benzene-d6	5.33	84	545586	4.47	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 89.40%			
36) 1,2-Dichloropropane-d6	6.33	67	154933	4.34	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 86.80%			
41) Toluene-d8	7.56	98	454717	4.23	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 84.60%			
43) trans-1,3-Dichloropropene-	7.85	79	50502	3.93	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 78.60%			
46) 2-Hexanone-d5	8.31	63	245427	42.28	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 84.56%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	129771	4.45	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 89.00%			
64) 1,2-Dichlorobenzene-d4	11.86	152	162095	4.85	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 97.00%			
Target Compounds						Qvalue
3) Chloromethane	1.32	50	2889	0.157	ug/L	92
13) Acetone	2.34	43	8023	3.849	ug/L	91
17) Methyl tert-butyl Ether	3.00	73	444089	12.253	ug/L	97
47) Tetrachloroethene	8.22	164	1357	0.109	ug/L #	73

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

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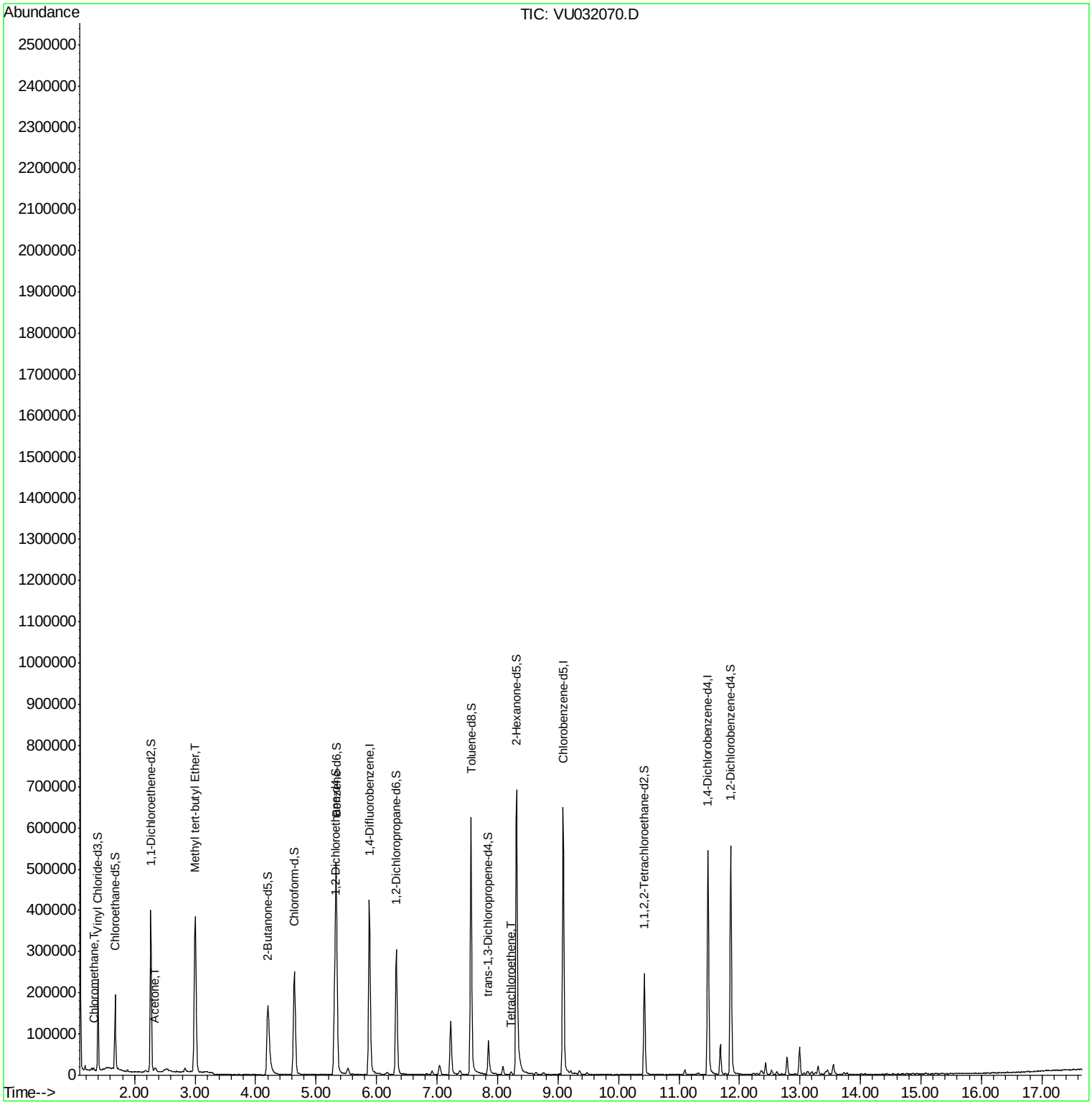
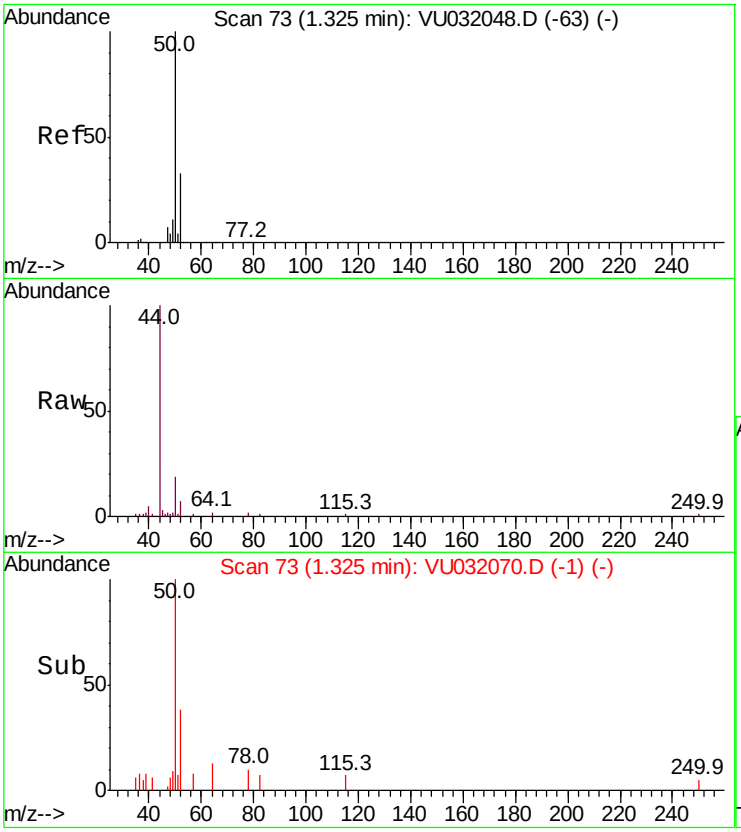


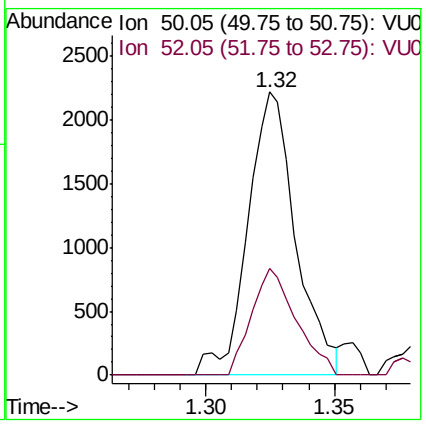


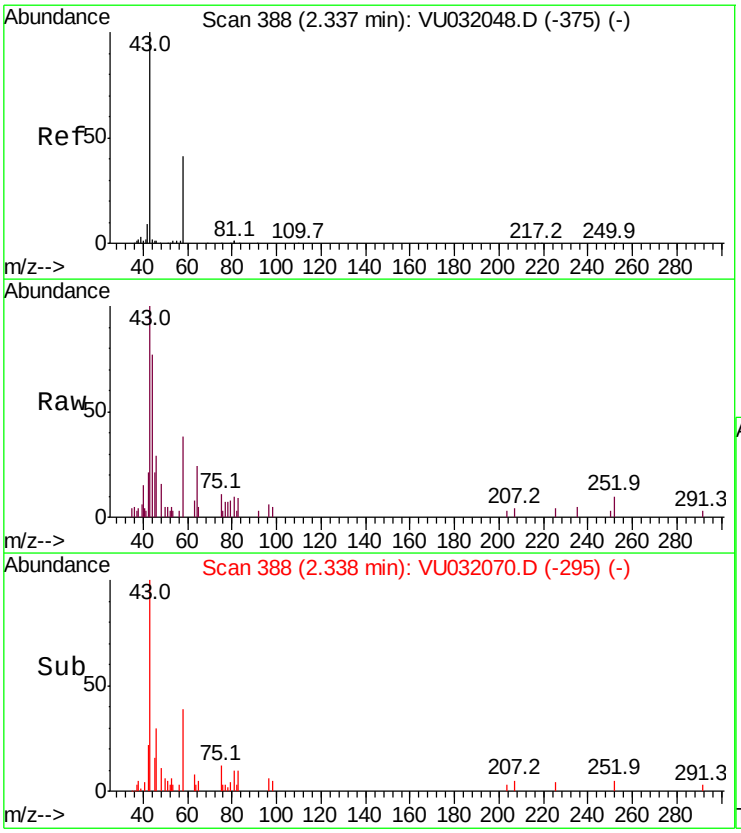
#3
Chloromethane
Concen: 0.157 ug/L
RT: 1.32 min Scan# 73
Delta R.T. 0.00 min
Lab File: VU032070.D
Acq: 16 May 2019 23:59

Instrument :
MSVOA_U
ClientSampleId :
F9W12

Tgt Ion: 50 Resp: 2889

Ion	Ratio	Lower	Upper
50	100		
52	37.6	23.2	43.0

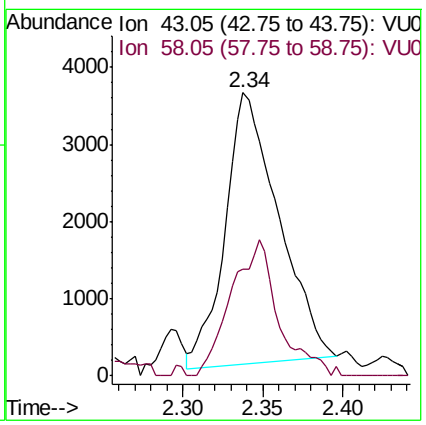


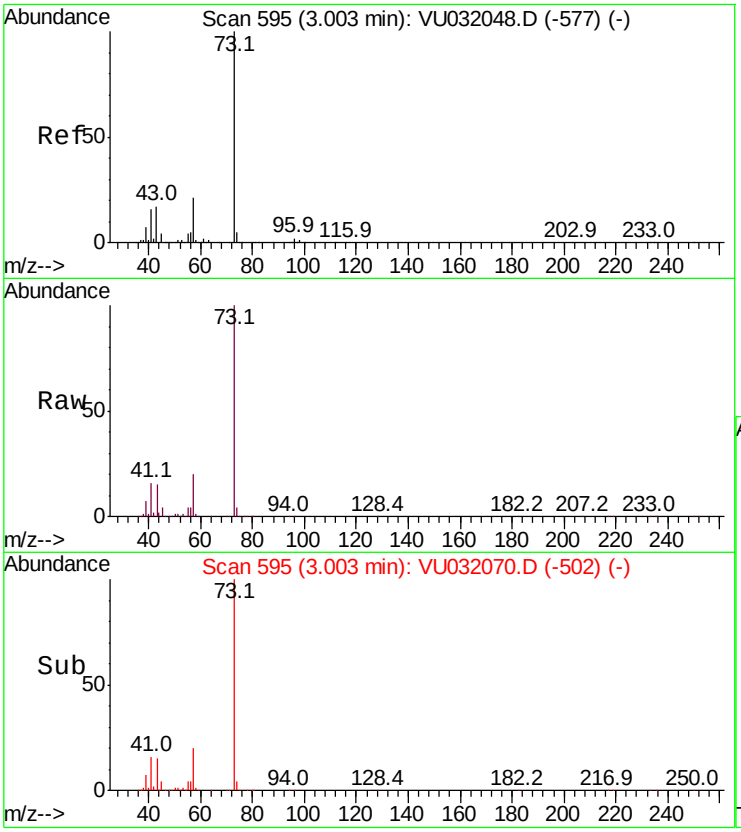


#13
Acetone
Concen: 3.849 ug/L
RT: 2.34 min Scan# 388
Delta R.T. 0.00 min
Lab File: VU032070.D
Acq: 16 May 2019 23:59

Tgt Ion: 43 Resp: 8023

Ion	Ratio	Lower	Upper
43	100		
58	44.7	0.0	78.8



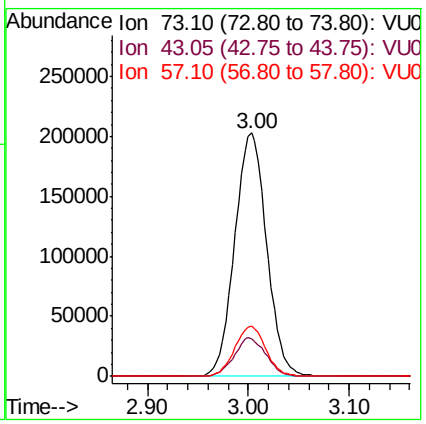


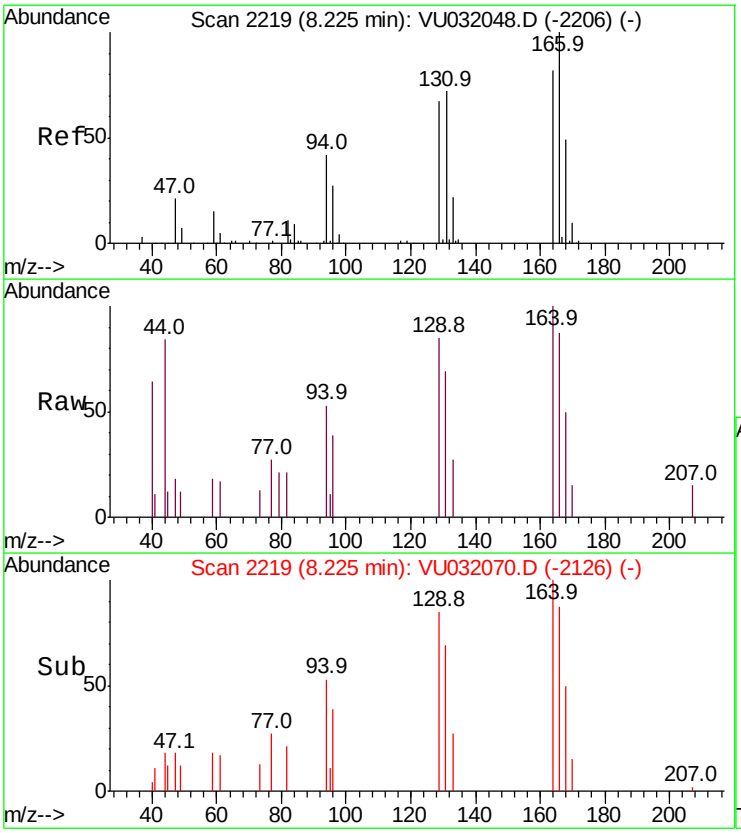
#17
Methyl tert-butyl Ether
Concen: 12.253 ug/L
RT: 3.00 min Scan# 595
Delta R.T. 0.00 min
Lab File: VU032070.D
Acq: 16 May 2019 23:59

Instrument : MSVOA_U
ClientSampleId : F9W12

Tgt Ion: 73 Resp: 444089

Ion	Ratio	Lower	Upper
73	100		
43	16.0	13.0	19.6
57	20.1	17.9	26.9





#47
Tetrachloroethene
Concen: 0.109 ug/L
RT: 8.22 min Scan# 2219
Delta R.T. 0.00 min
Lab File: VU032070.D
Acq: 16 May 2019 23:59

Tgt Ion:164 Resp: 1357

Ion	Ratio	Lower	Upper
164	100		
129	85.5	70.3	130.5
131	68.7	64.5	119.9
166	87.4	92.3	171.5#