Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU041819\
Data File : VU031287.D
Acq On : 18 Apr 2019 03:59
Operator : JC/SP
Sample : K2452-05
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 27 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : YAMZ5

Quant Time: Apr 18 10:02:44 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR041819WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Apr 18 08:39:25 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	228286	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	216858	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	87190	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	111188	5.90	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 118.00%			
7) Chloroethane-d5	1.68	69	90700	5.81	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 116.20%			
11) 1,1-Dichloroethene-d2	2.27	63	161068	4.15	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 83.00%			
20) 2-Butanone-d5	4.21	46	239517	54.94	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 109.88%			
24) Chloroform-d	4.64	84	150251	5.49	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 109.80%			
26) 1,2-Dichloroethane-d4	5.31	65	81974	5.86	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 117.20%			
32) Benzene-d6	5.33	84	296996	5.04	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 100.80%			
36) 1,2-Dichloropropane-d6	6.33	67	96159	5.19	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 103.80%			
41) Toluene-d8	7.56	98	251173	4.59	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 91.80%			
43) trans-1,3-Dichloropropene-	7.85	79	35365	4.73	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 94.60%			
46) 2-Hexanone-d5	8.31	63	187140	51.03	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 102.06%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	77936	5.37	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 107.40%			
64) 1,2-Dichlorobenzene-d4	11.86	152	88604	5.42	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 108.40%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	136904	7.224	ug/L	99
9) Trichlorofluoromethane	1.88	101	34915	1.130	ug/L	97
13) Acetone	2.36	43	7560	2.125	ug/L	67
47) Tetrachloroethene	8.22	164	47023	3.501	ug/L	96

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

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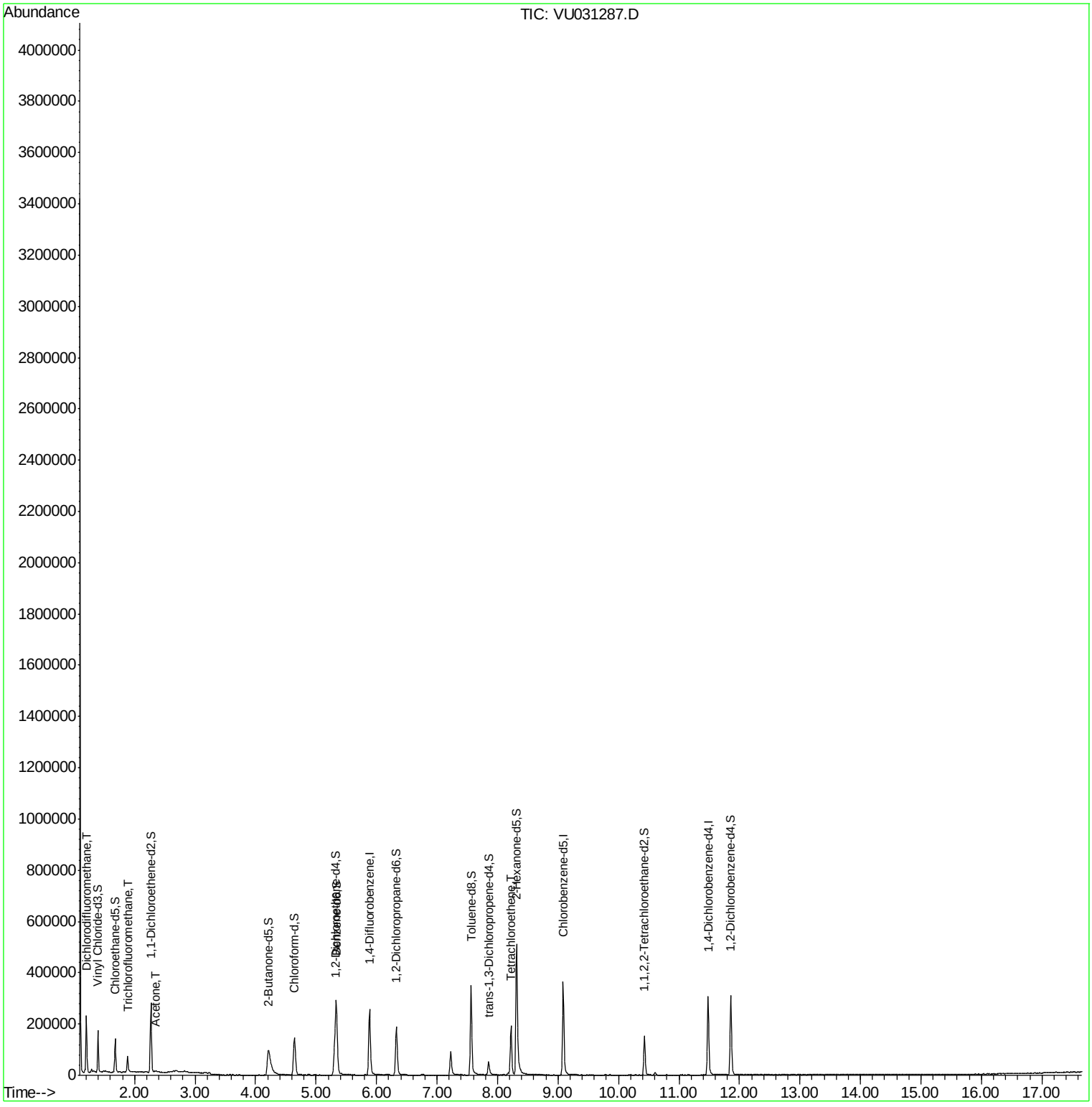
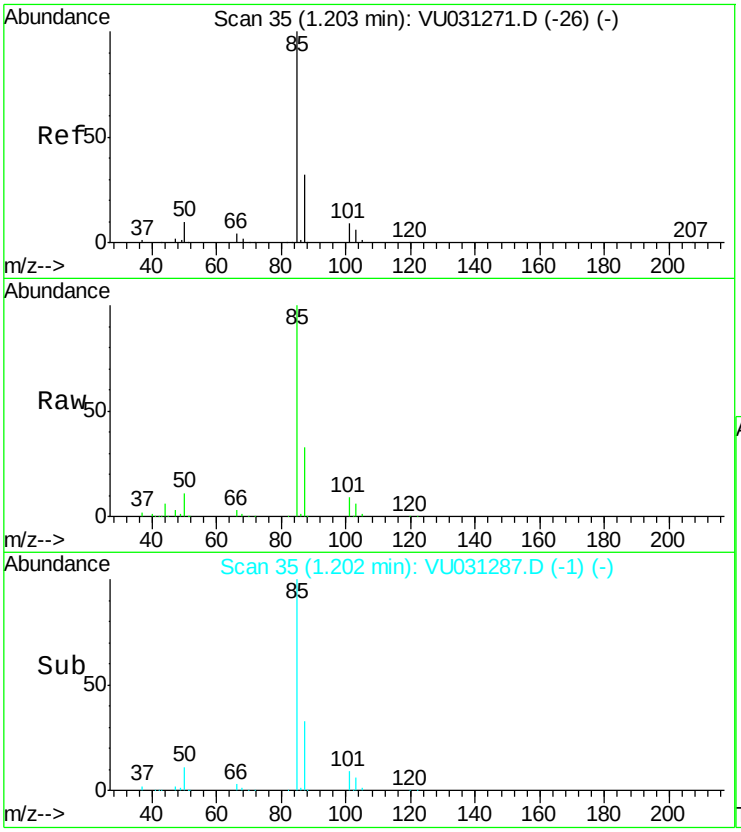


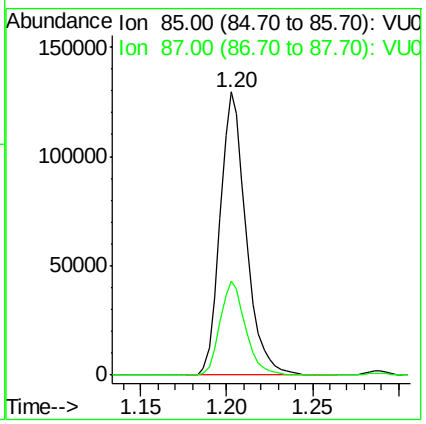


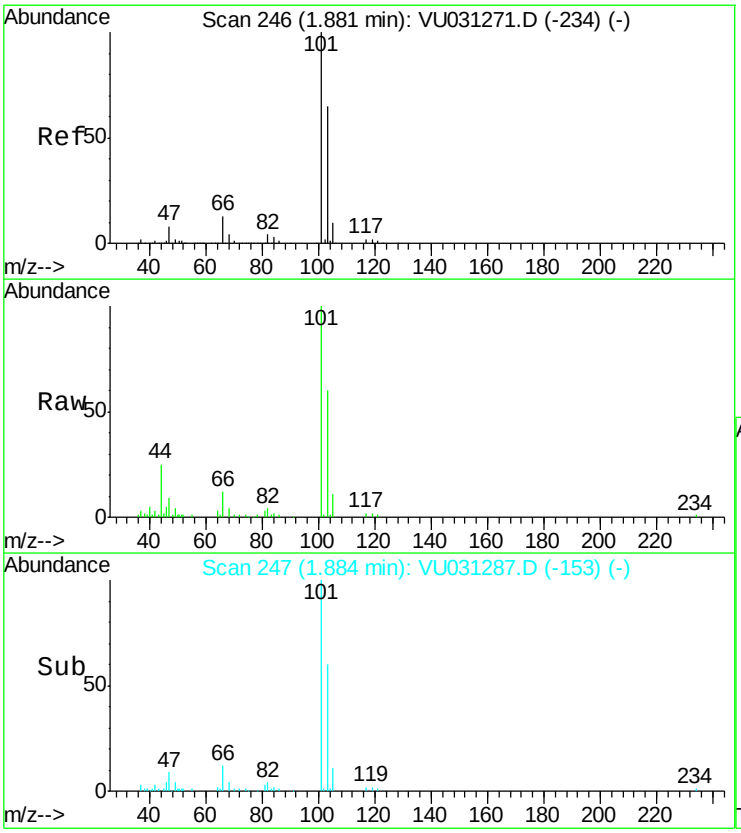
#2
Dichlorodifluoromethane
Concen: 7.224 ug/L
RT: 1.20 min Scan# 35
Delta R.T. -0.00 min
Lab File: VU031287.D
Acq: 18 Apr 2019 03:59

Instrument : MSVOA_U
ClientSampleId : YAMZ5

Tgt Ion: 85 Resp: 136904

Ion	Ratio	Lower	Upper
85	100		
87	32.5	26.4	39.6

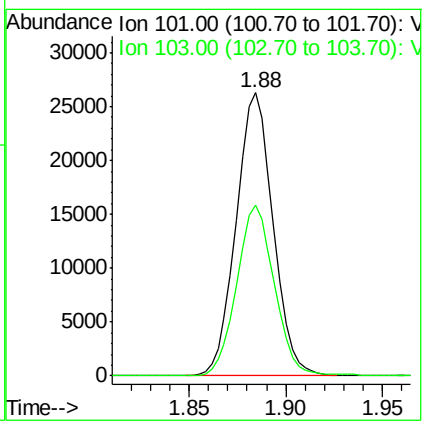


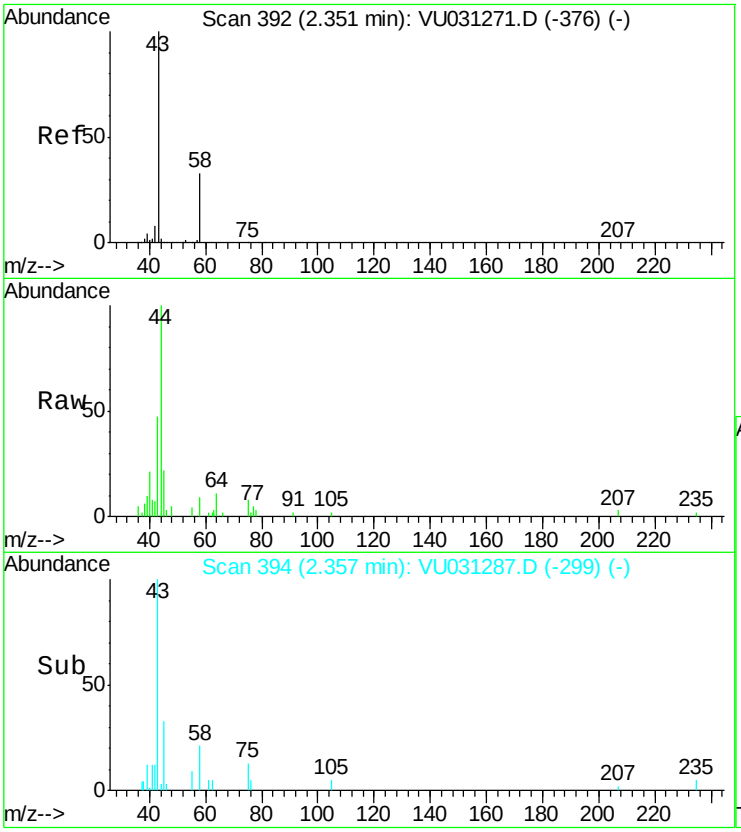


#9
Trichlorofluoromethane
Concen: 1.130 ug/L
RT: 1.88 min Scan# 247
Delta R.T. 0.00 min
Lab File: VU031287.D
Acq: 18 Apr 2019 03:59

Tgt Ion:101 Resp: 34915

Ion	Ratio	Lower	Upper
101	100		
103	61.5	50.9	76.3



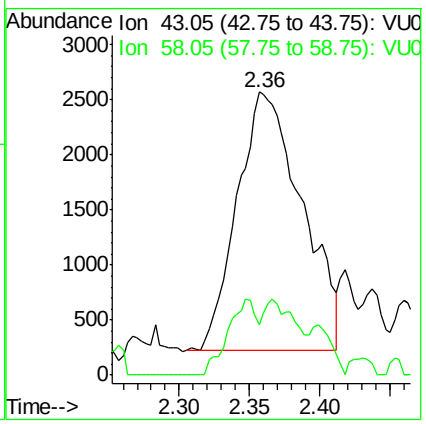


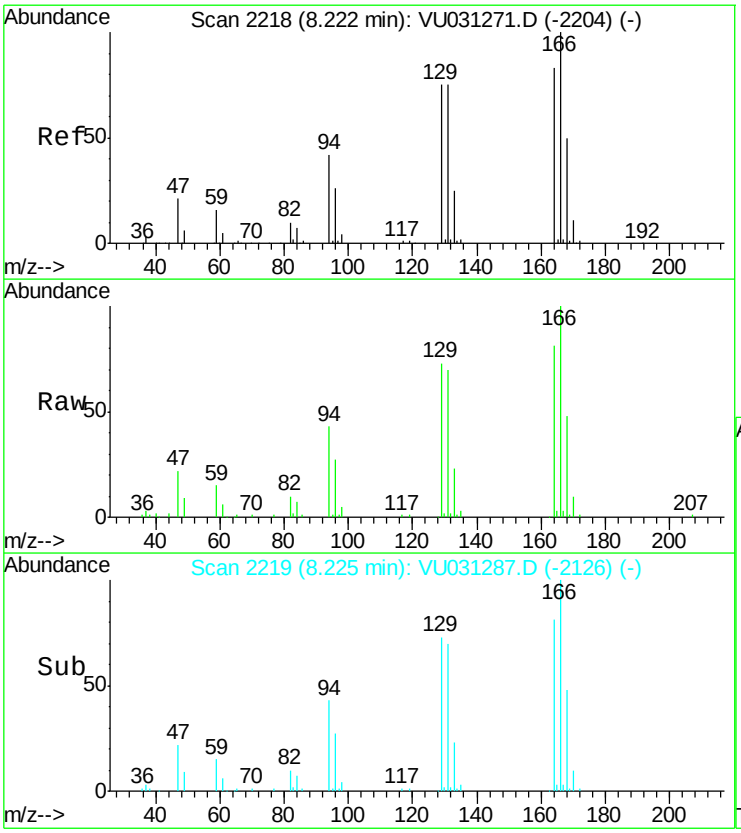
#13
Acetone
Concen: 2.125 ug/L
RT: 2.36 min Scan# 394
Delta R.T. 0.01 min
Lab File: VU031287.D
Acq: 18 Apr 2019 03:59

Instrument :
MSVOA_U
ClientSampleId :
YAMZ5

Tgt Ion: 43 Resp: 7560

Ion	Ratio	Lower	Upper
43	100		
58	14.1	0.0	65.8





#47
Tetrachloroethene
Concen: 3.501 ug/L
RT: 8.22 min Scan# 2219
Delta R.T. -0.00 min
Lab File: VU031287.D
Acq: 18 Apr 2019 03:59

Tgt Ion:164 Resp: 47023

Ion	Ratio	Lower	Upper
164	100		
129	90.7	65.2	121.2
131	86.4	61.9	114.9
166	123.9	91.2	169.4