Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU111418\
Data File : VU028129.D
Acq On : 14 Nov 2018 18:35
Operator : MD/SY
Sample : J5948-09
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : F9C27

Quant Time: Nov 15 05:47:36 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR111418WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Nov 15 04:25:02 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	143903	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	134684	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	62687	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	54597	4.57	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 91.40%			
7) Chloroethane-d5	1.68	69	45019	4.75	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 95.00%			
11) 1,1-Dichloroethene-d2	2.28	63	78359	3.51	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 70.20%			
20) 2-Butanone-d5	4.19	46	183436	52.96	ug/L	-0.02
Spiked Amount 50.000	Range 40 - 130		Recovery = 105.92%			
24) Chloroform-d	4.65	84	90023	4.74	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 94.80%			
26) 1,2-Dichloroethane-d4	5.31	65	53326	5.03	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 100.60%			
32) Benzene-d6	5.34	84	188099	4.86	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 97.20%			
36) 1,2-Dichloropropane-d6	6.33	67	70370	5.09	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 101.80%			
41) Toluene-d8	7.57	98	167261	4.65	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 93.00%			
43) trans-1,3-Dichloropropene-	7.85	79	21915	4.44	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 88.80%			
46) 2-Hexanone-d5	8.31	63	143936	51.08	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 102.16%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	48595	4.97	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 99.40%			
64) 1,2-Dichlorobenzene-d4	11.86	152	55916	4.77	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 95.40%			
Target Compounds						Qvalue
13) Acetone	2.32	43	2533	1.086	ug/L	75
22) cis-1,2-Dichloroethene	4.23	96	13294	1.185	ug/L	99
47) Tetrachloroethene	8.23	164	11104	1.218	ug/L	96

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

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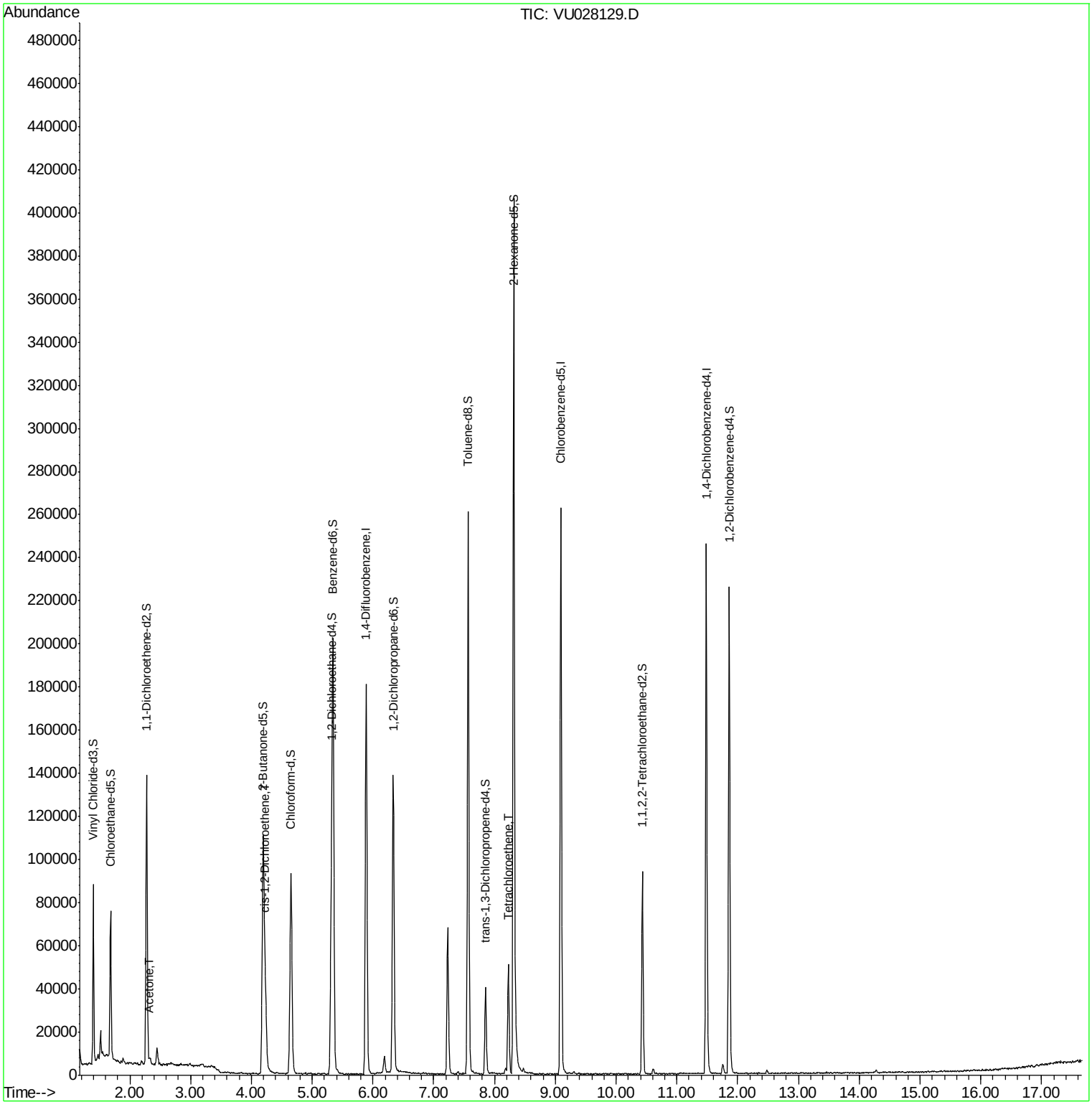
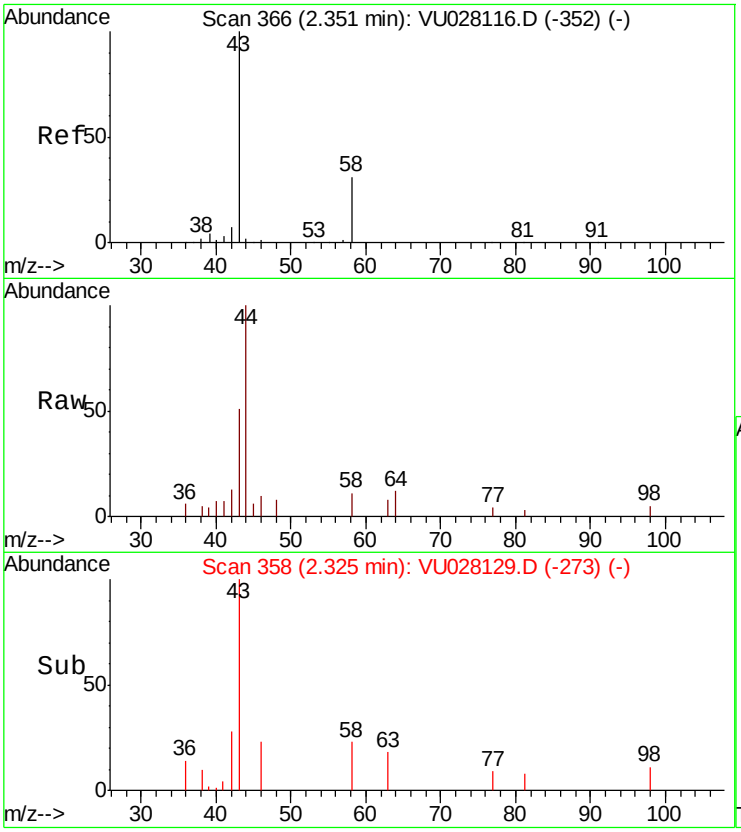


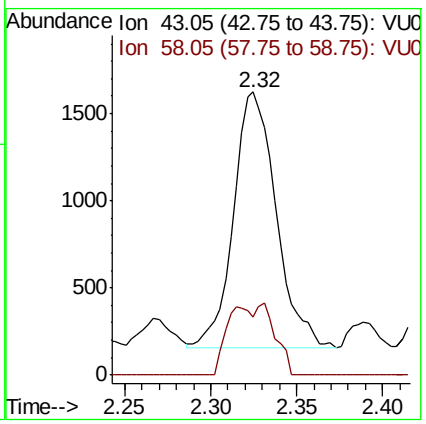


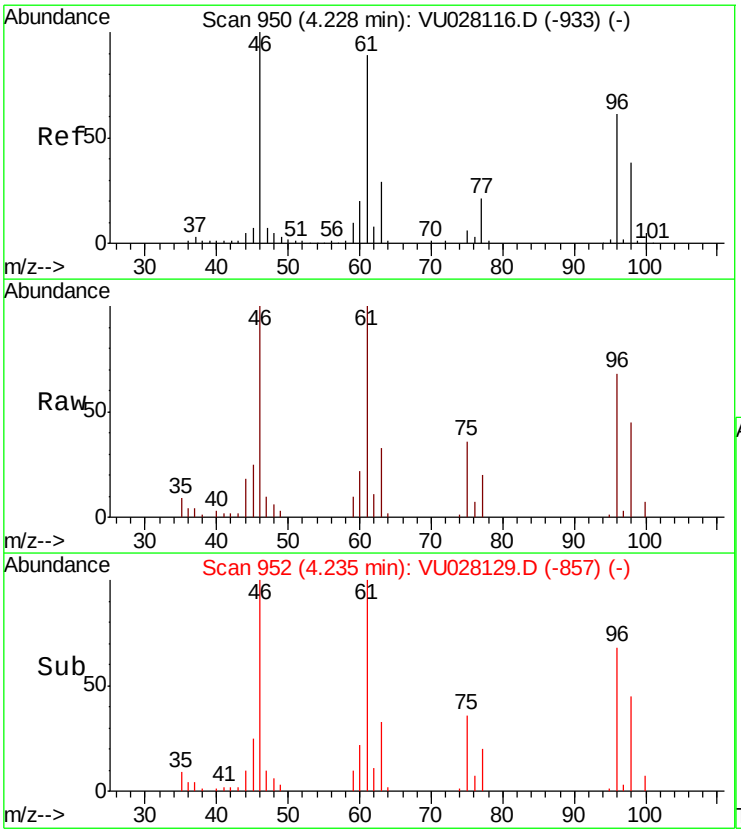
#13
Acetone
Concen: 1.086 ug/L
RT: 2.32 min Scan# 358
Delta R.T. -0.03 min
Lab File: VU028129.D
Acq: 14 Nov 2018 18:35

Instrument : MSVOA_U
ClientSampleId : F9C27

Tgt Ion: 43 Resp: 2533

Ion	Ratio	Lower	Upper
43	100		
58	17.0	0.0	61.6

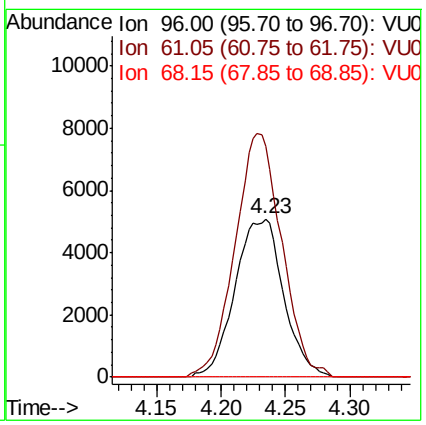


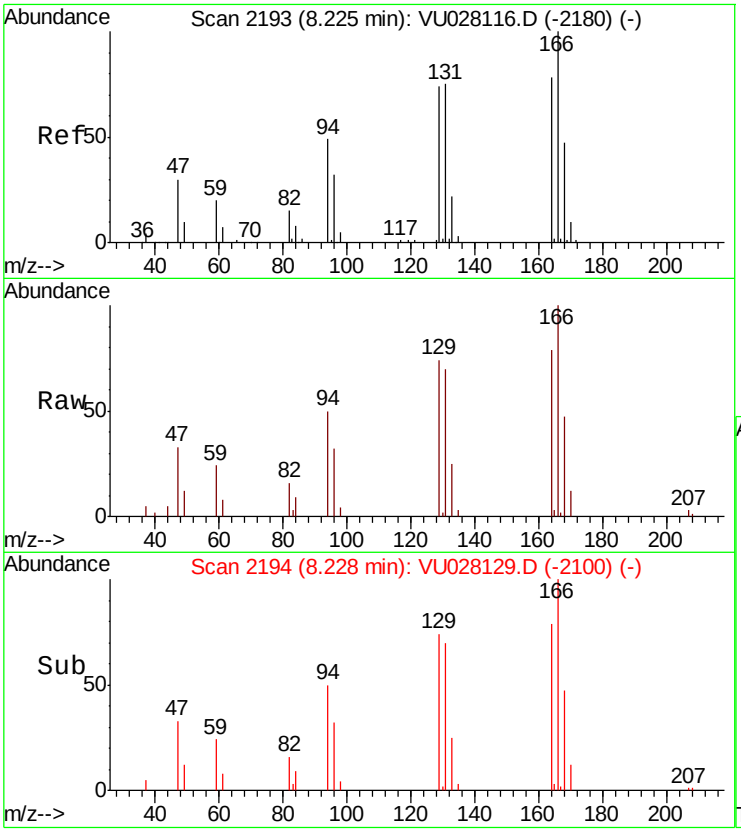


#22
cis-1,2-Dichloroethene
Concen: 1.185 ug/L
RT: 4.23 min Scan# 952
Delta R.T. 0.01 min
Lab File: VU028129.D
Acq: 14 Nov 2018 18:35

Tgt Ion: 96 Resp: 13294

Ion	Ratio	Lower	Upper
96	100		
61	146.6	101.8	189.0
68	0.0	0.0	0.0





#47
Tetrachloroethene
Concen: 1.218 ug/L
RT: 8.23 min Scan# 2194
Delta R.T. 0.00 min
Lab File: VU028129.D
Acq: 14 Nov 2018 18:35

Instrument :
MSVOA_U
ClientSampleId :
F9C27

Tgt Ion:164 Resp: 11104

Ion	Ratio	Lower	Upper
164	100		
129	93.0	69.7	129.4
131	87.9	64.0	118.8
166	126.3	86.4	160.4