Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU101320\
Data File : VU040679.D
Acq On : 13 Oct 2020 13:53
Operator : SY/MD
Sample : L4346-05
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : YAQZ4

Quant Time: Oct 14 06:47:34 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR100820WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Oct 14 05:57:05 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	128476	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	131848	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	56003	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.60	65	38977	3.66	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 73.20%			
7) Chloroethane-d5	1.92	69	35481	4.32	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 86.40%			
11) 1,1-Dichloroethene-d2	2.58	63	61473	2.95	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 59.00%#			
20) 2-Butanone-d5	4.66	46	163601	48.02	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 96.04%			
24) Chloroform-d	5.08	84	83922	4.49	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 89.80%			
26) 1,2-Dichloroethane-d4	5.72	65	51641	4.54	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 90.80%			
32) Benzene-d6	5.74	84	149048	4.19	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 83.80%			
36) 1,2-Dichloropropane-d6	6.70	67	52757	4.47	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 89.40%			
41) Toluene-d8	7.91	98	116641	3.66	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 73.20%			
43) trans-1,3-Dichloropropene-	8.19	79	19454	3.89	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 77.80%			
46) 2-Hexanone-d5	8.64	63	112986	43.84	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 87.68%			
57) 1,1,2,2-Tetrachloroethane-	10.76	84	46809	4.42	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 88.40%			
64) 1,2-Dichlorobenzene-d4	12.19	152	48448	4.67	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 93.40%			
Target Compounds						Qvalue
13) Acetone	2.67	43	69874	26.461	ug/L	78
25) Chloroform	5.11	83	4044	0.200	ug/L	94
34) Trichloroethene	6.56	95	16230	1.478	ug/L	97
47) Tetrachloroethene	8.56	164	2391	0.305	ug/L	89

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

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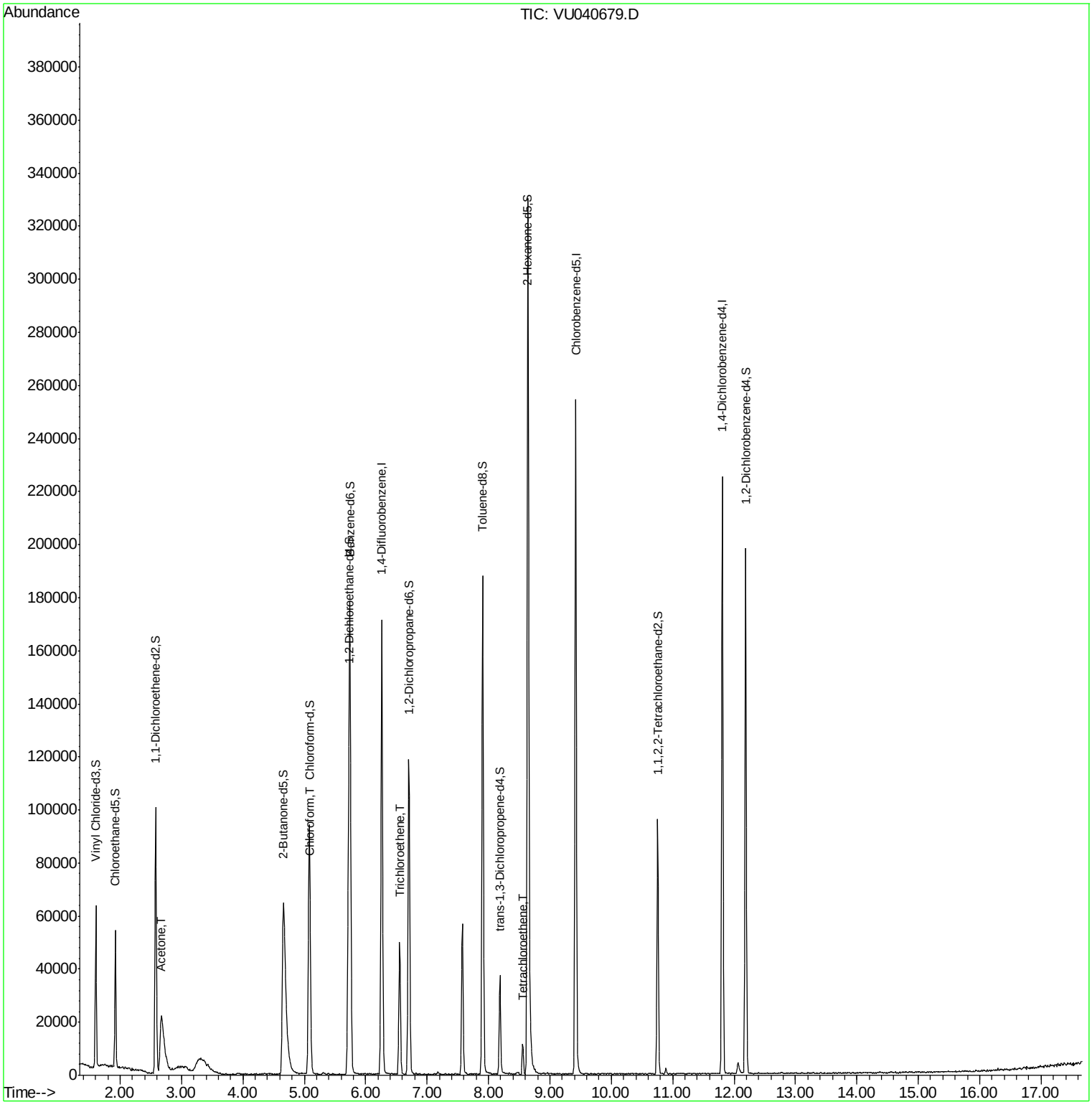
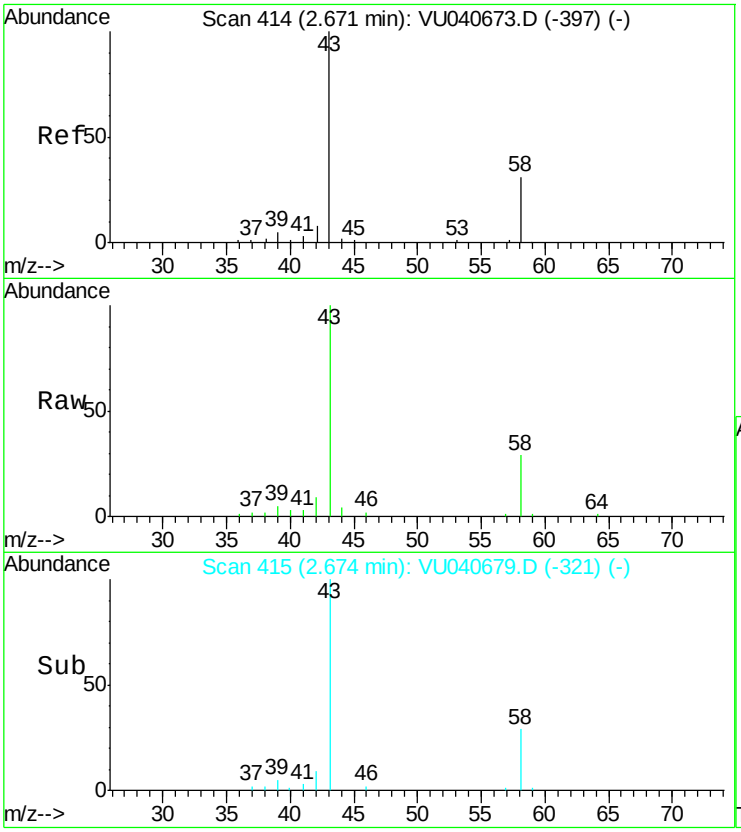


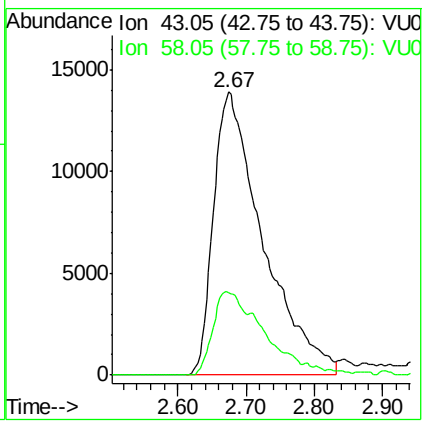


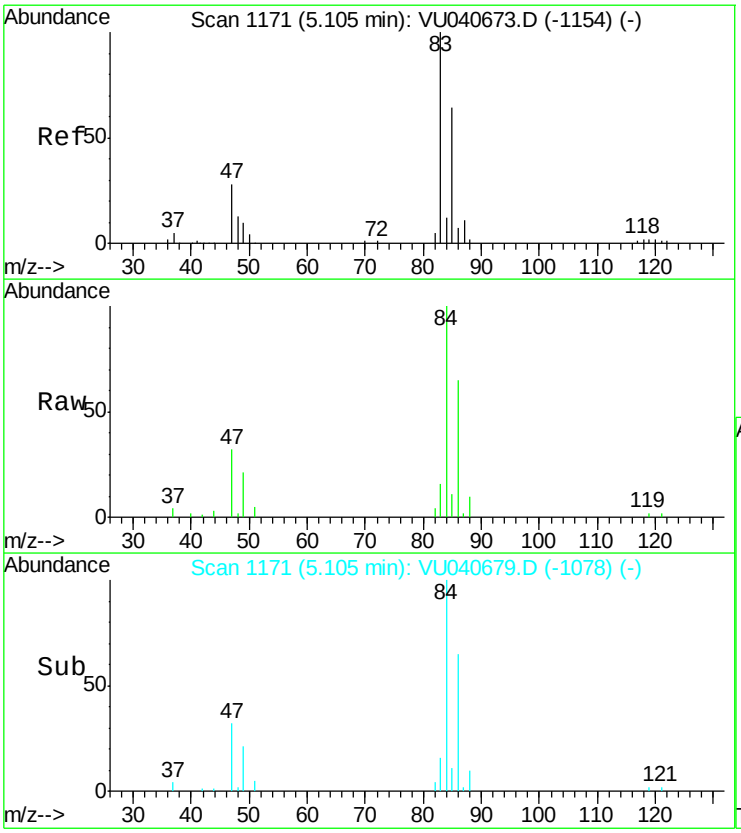
#13
Acetone
Concen: 26.461 ug/L
RT: 2.67 min Scan# 415
Delta R.T. 0.00 min
Lab File: VU040679.D
Acq: 13 Oct 2020 13:53

Instrument :
MSVOA_U
ClientSampleId :
YAQZ4

Tgt Ion: 43 Resp: 69874

Ion	Ratio	Lower	Upper
43	100		
58	18.3	0.0	60.6

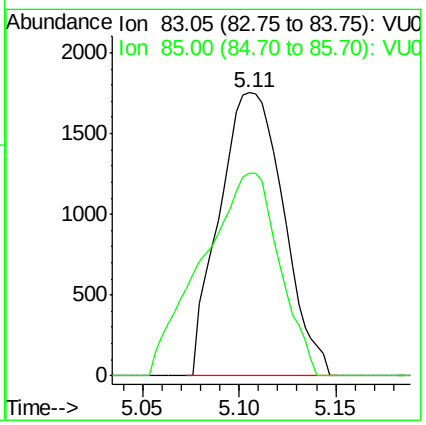


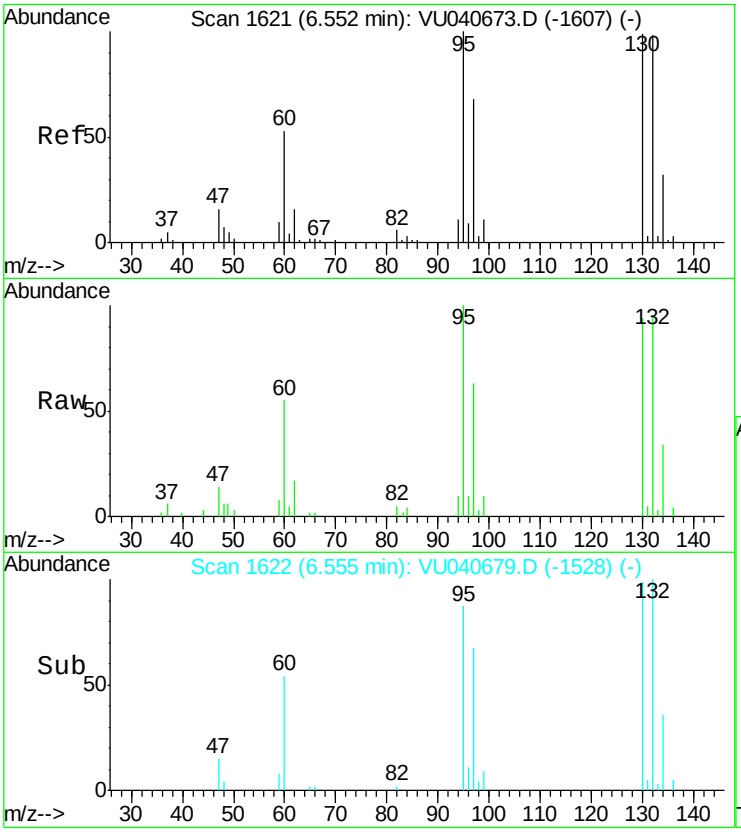


#25
Chloroform
Concen: 0.200 ug/L
RT: 5.11 min Scan# 1171
Delta R.T. 0.00 min
Lab File: VU040679.D
Acq: 13 Oct 2020 13:53

Tgt Ion: 83 Resp: 4044

Ion	Ratio	Lower	Upper
83	100		
85	71.5	46.5	86.5



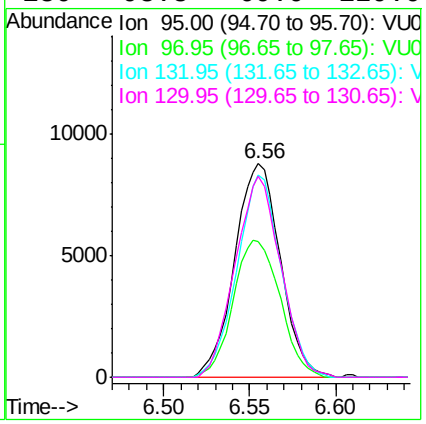


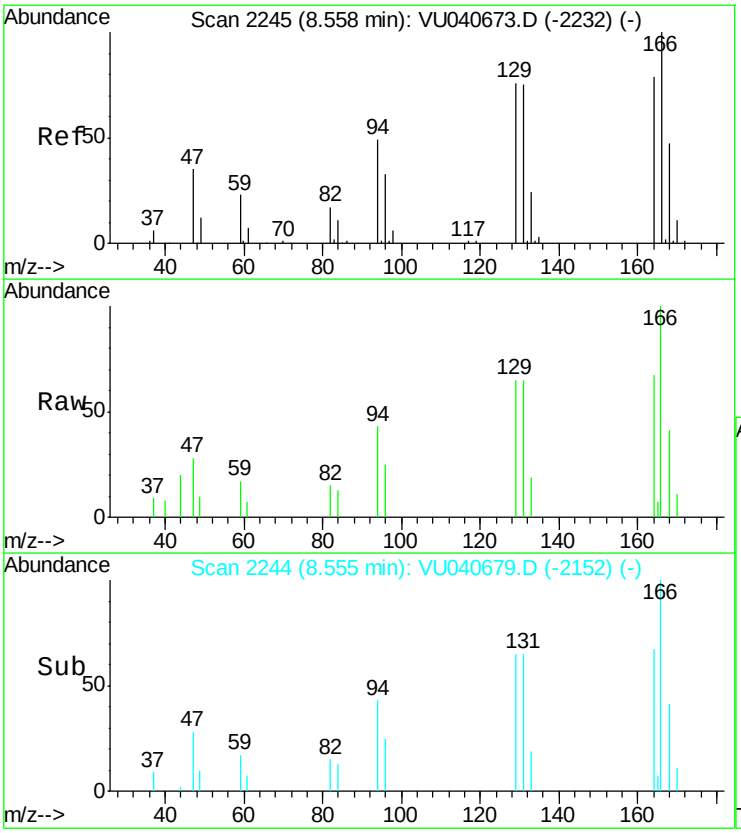
#34
Trichloroethene
Concen: 1.478 ug/L
RT: 6.56 min Scan# 1622
Delta R.T. 0.00 min
Lab File: VU040679.D
Acq: 13 Oct 2020 13:53

Instrument : MSVOA_U
ClientSampleId : YAQZ4

Tgt Ion: 95 Resp: 16230

Ion	Ratio	Lower	Upper
95	100		
97	63.5	45.5	84.5
132	94.7	67.5	125.4
130	93.8	69.9	129.9





#47
Tetrachloroethene
Concen: 0.305 ug/L
RT: 8.56 min Scan# 2244
Delta R.T. -0.00 min
Lab File: VU040679.D
Acq: 13 Oct 2020 13:53

Tgt Ion:164 Resp: 2391

Ion	Ratio	Lower	Upper
164	100		
129	97.5	68.8	127.8
131	96.7	66.7	123.9
166	148.9	83.9	155.7