Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU061720\
Data File : VU038953.D
Acq On : 17 Jun 2020 18:49
Operator : SY/MD
Sample : L3040-09
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : F9L22

Quant Time: Jun 18 05:40:19 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR061720WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Jun 18 04:07:55 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	276573	5.00	ug/L	0.01
28) Chlorobenzene-d5	9.44	117	274220	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	132441	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.60	65	85443	4.45	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 89.00%			
7) Chloroethane-d5	1.93	69	77029	4.77	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 95.40%			
11) 1,1-Dichloroethene-d2	2.59	63	192315	4.94	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 98.80%			
20) 2-Butanone-d5	4.76	46	291350	47.42	ug/L	0.08
Spiked Amount 50.000	Range 40 - 130		Recovery = 94.84%			
24) Chloroform-d	5.11	84	191223	5.01	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 100.20%			
26) 1,2-Dichloroethane-d4	5.76	65	112348	5.11	ug/L	0.02
Spiked Amount 5.000	Range 70 - 130		Recovery = 102.20%			
32) Benzene-d6	5.77	84	363475	5.07	ug/L	0.01
Spiked Amount 5.000	Range 70 - 125		Recovery = 101.40%			
36) 1,2-Dichloropropane-d6	6.73	67	111841	5.05	ug/L	0.01
Spiked Amount 5.000	Range 60 - 140		Recovery = 101.00%			
41) Toluene-d8	7.93	98	291656	4.54	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 90.80%			
43) trans-1,3-Dichloropropene-	8.21	79	46587	4.59	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 91.80%			
46) 2-Hexanone-d5	8.67	63	266208	49.77	ug/L	0.01
Spiked Amount 50.000	Range 45 - 130		Recovery = 99.54%			
57) 1,1,2,2-Tetrachloroethane-	10.77	84	103591	4.97	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 99.40%			
64) 1,2-Dichlorobenzene-d4	12.20	152	124864	5.04	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 100.80%			
Target Compounds						Qvalue
14) Carbon disulfide	2.82	76	7557	0.115	ug/L #	85
22) cis-1,2-Dichloroethene	4.71	96	2049	0.098	ug/L	95
42) Toluene	8.00	91	9154	0.108	ug/L	100
47) Tetrachloroethene	8.58	164	1881	0.117	ug/L	90

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

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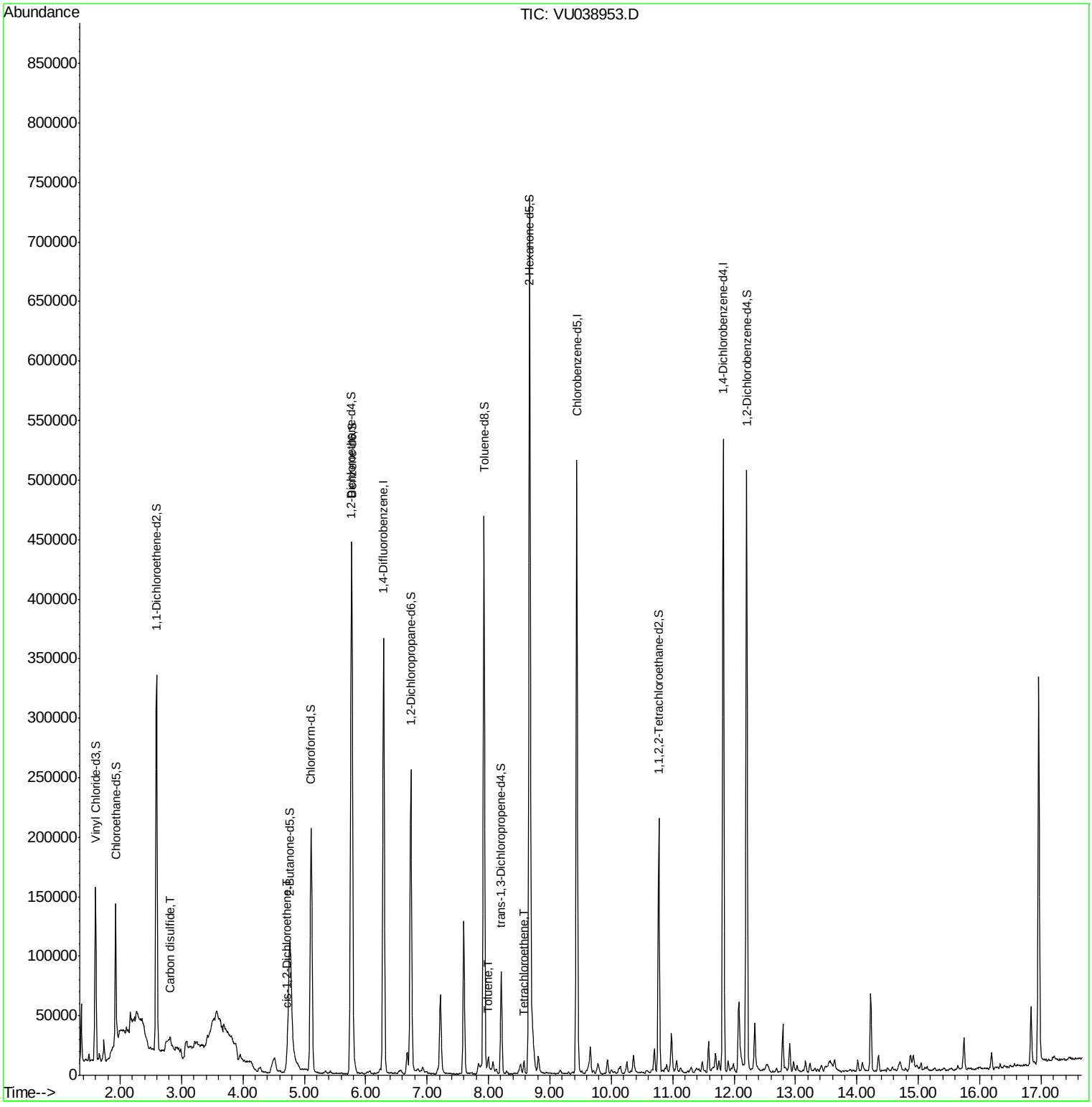
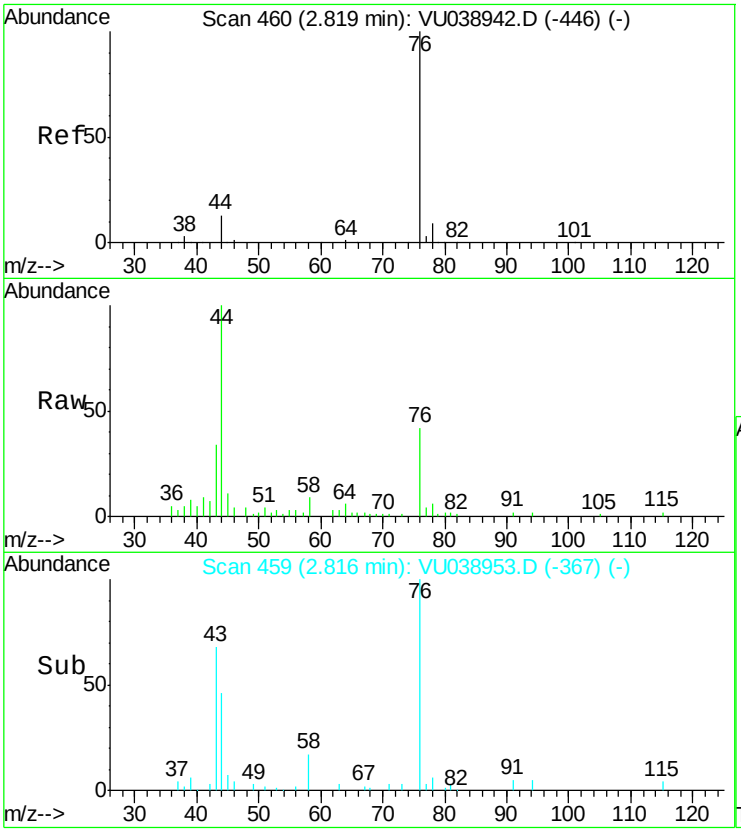


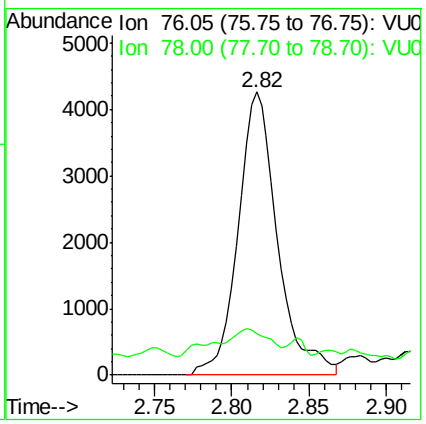


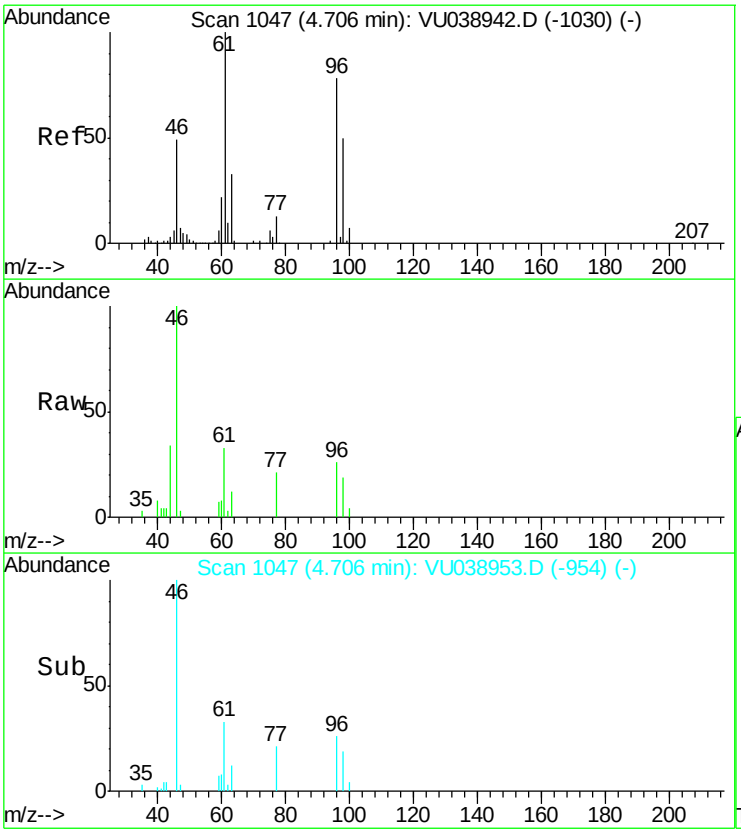
#14
Carbon disulfide
Concen: 0.115 ug/L
RT: 2.82 min Scan# 459
Delta R.T. -0.00 min
Lab File: VU038953.D
Acq: 17 Jun 2020 18:49

Instrument :
MSVOA_U
ClientSampleId :
F9L22

Tgt Ion: 76 Resp: 7557

Ion	Ratio	Lower	Upper
76	100		
78	14.7	7.4	11.0#

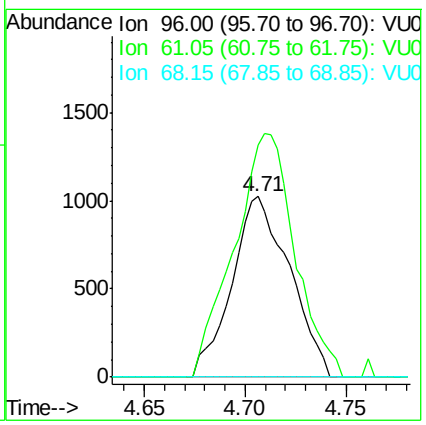


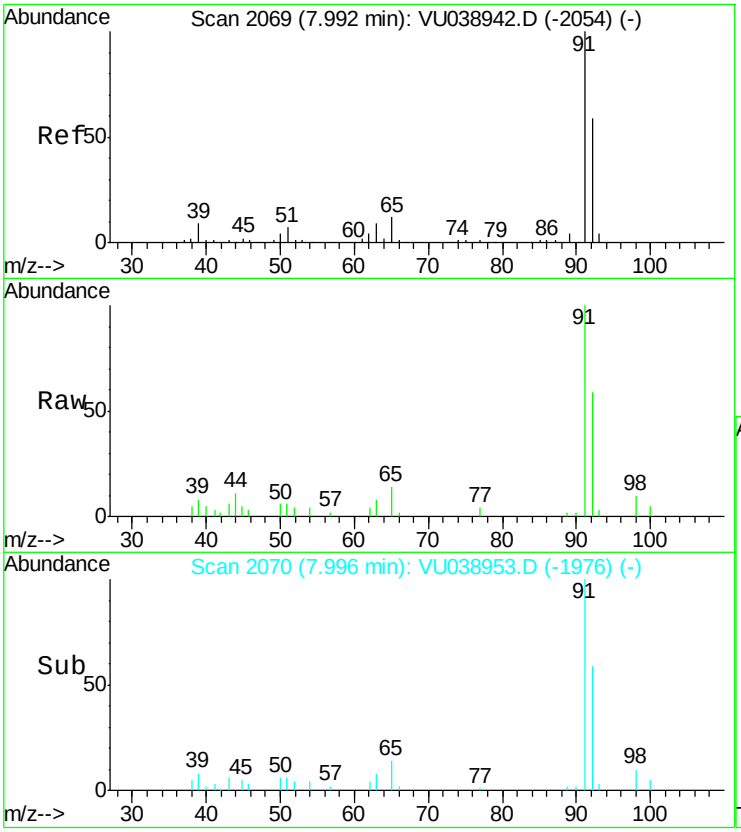


#22
cis-1,2-Dichloroethene
Concen: 0.098 ug/L
RT: 4.71 min Scan# 1047
Delta R.T. 0.00 min
Lab File: VU038953.D
Acq: 17 Jun 2020 18:49

Tgt Ion: 96 Resp: 2049

Ion	Ratio	Lower	Upper
96	100		
61	128.3	93.7	173.9
68	0.0	0.0	0.0



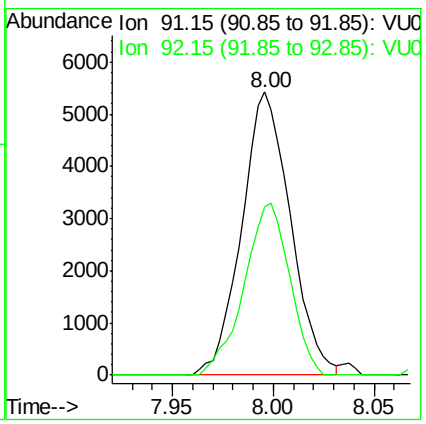


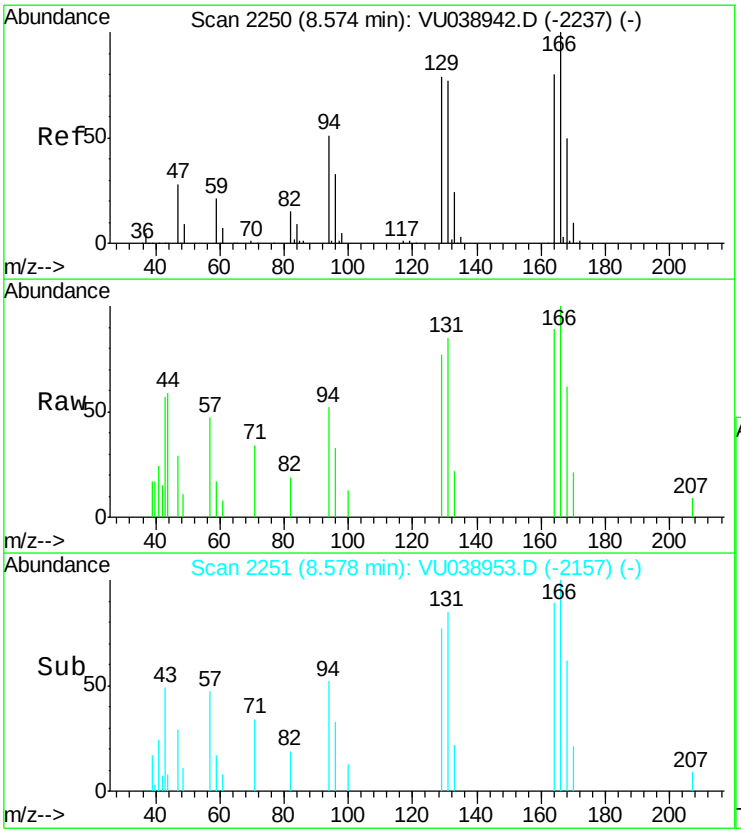
#42
Toluene
Concen: 0.108 ug/L
RT: 8.00 min Scan# 2070
Delta R.T. 0.00 min
Lab File: VU038953.D
Acq: 17 Jun 2020 18:49

Instrument : MSVOA_U
ClientSampleId : F9L22

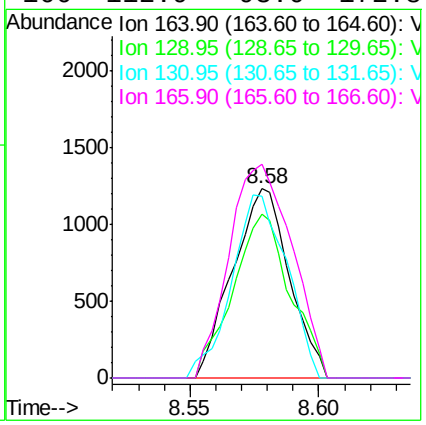
Tgt Ion: 91 Resp: 9154

Ion	Ratio	Lower	Upper
91	100		
92	59.2	41.6	77.2





#47
Tetrachloroethene
Concen: 0.117 ug/L
RT: 8.58 min Scan# 2251
Delta R.T. 0.00 min
Lab File: VU038953.D
Acq: 17 Jun 2020 18:49

Tgt Ion:164 Resp: 1881

Ion	Ratio	Lower	Upper
164	100		
129	86.9	66.1	122.8
131	96.0	65.7	122.1
166	112.9	93.0	172.8