Quantitation Report (LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU092120\
Data File : VU040234.D
Acq On : 21 Sep 2020 15:20
Operator : SY/MD
Sample : L4046-16DL 100X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BG0Q2DL

Quant Time: Sep 22 07:52:13 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR083120WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Sep 22 07:07:10 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	128470	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	128582	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	54802	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.61	65	29671	4.23	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 84.60%			
7) Chloroethane-d5	1.93	69	28760	4.92	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 98.40%			
11) 1,1-Dichloroethene-d2	2.58	63	52897	2.94	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 58.80%#			
20) 2-Butanone-d5	4.66	46	161578	57.59	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 115.18%			
24) Chloroform-d	5.08	84	78658	4.80	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 96.00%			
26) 1,2-Dichloroethane-d4	5.72	65	51754	5.12	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 102.40%			
32) Benzene-d6	5.75	84	140732	4.69	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 93.80%			
36) 1,2-Dichloropropane-d6	6.70	67	48811	4.93	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 98.60%			
41) Toluene-d8	7.91	98	112141	4.13	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 82.60%			
43) trans-1,3-Dichloropropene-	8.19	79	20163	4.44	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 88.80%			
46) 2-Hexanone-d5	8.64	63	116231	53.98	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 107.96%			
57) 1,1,2,2-Tetrachloroethane-	10.75	84	46423	5.43	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 108.60%			
64) 1,2-Dichlorobenzene-d4	12.19	152	48156	5.43	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 108.60%			
Target Compounds						Qvalue
16) Methylene chloride	3.07	84	1999	0.154	ug/L	84
25) Chloroform	5.11	83	4194	0.186	ug/L	87
33) Benzene	5.79	78	18655	0.406	ug/L	100
51) Chlorobenzene	9.45	112	12415	0.422	ug/L	97

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

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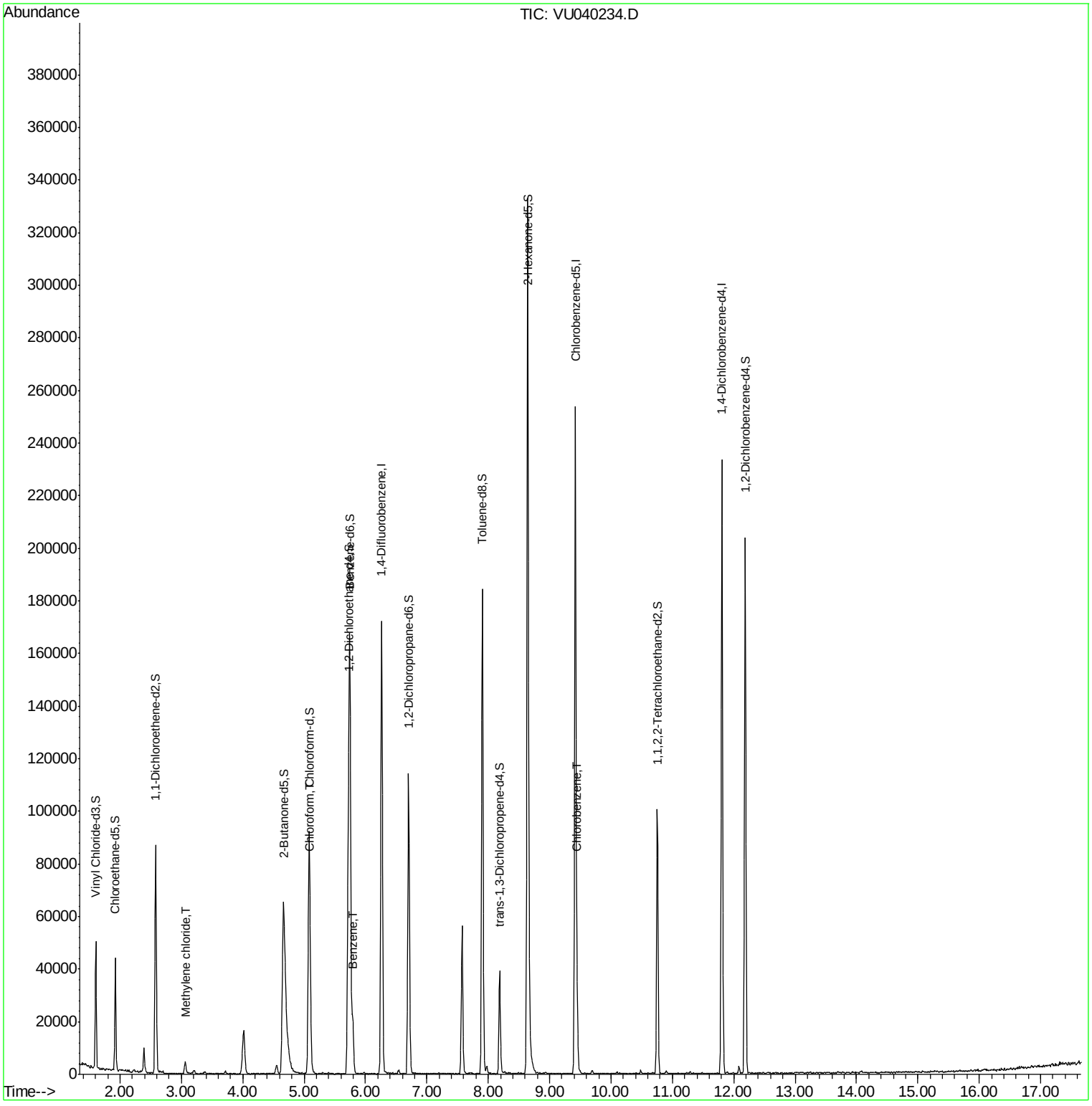
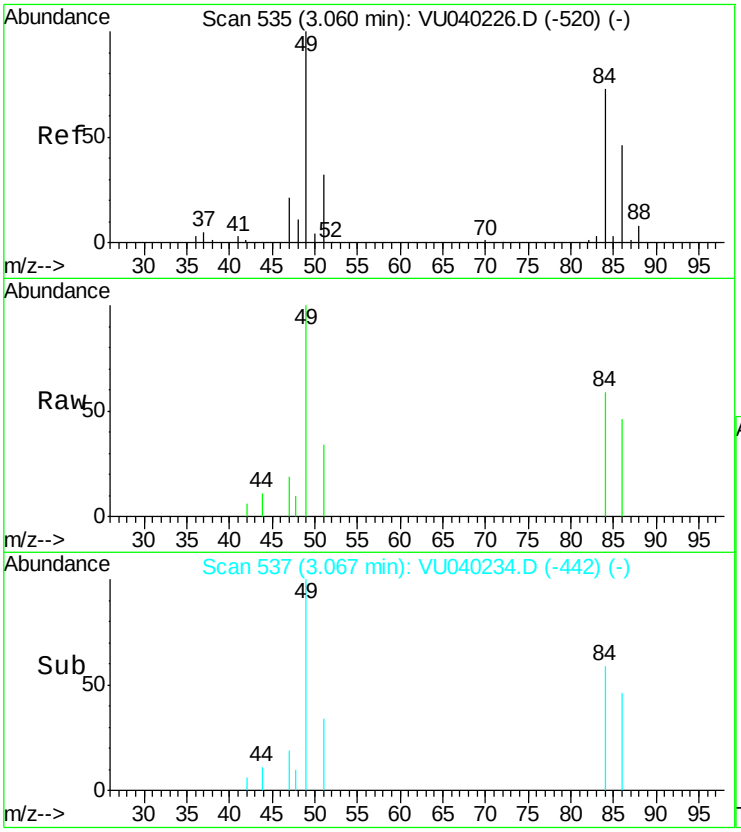


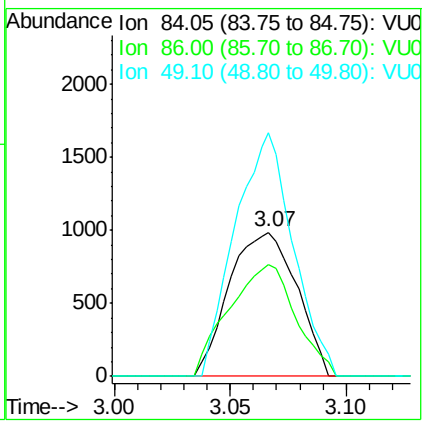


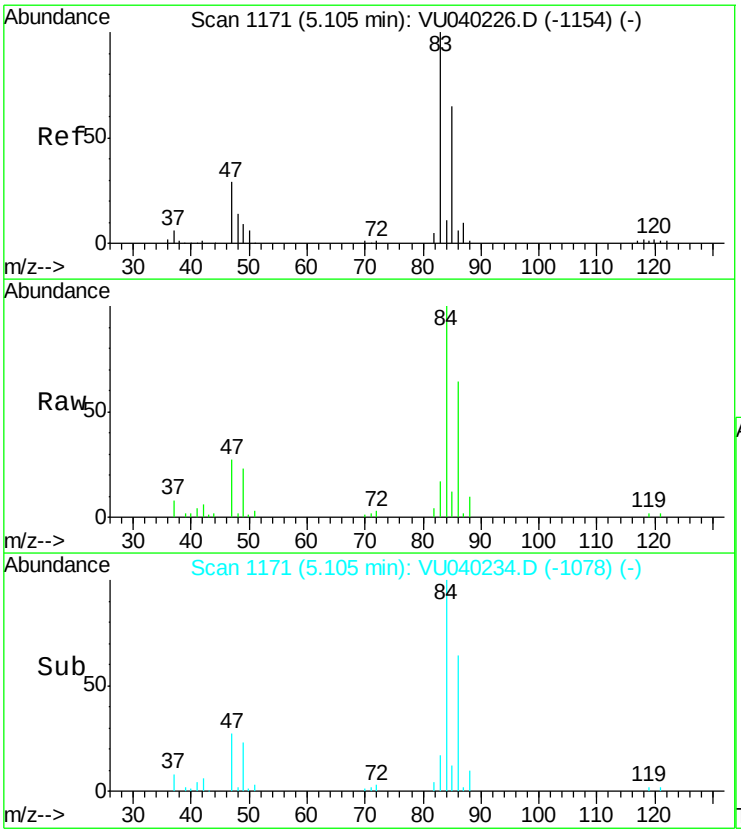
#16
Methylene chloride
Concen: 0.154 ug/L
RT: 3.07 min Scan# 537
Delta R.T. 0.01 min
Lab File: VU040234.D
Acq: 21 Sep 2020 15:20

Instrument : MSVOA_U
ClientSampleId : BG0Q2DL

Tgt Ion: 84 Resp: 1999

Ion	Ratio	Lower	Upper
84	100		
86	77.4	45.2	84.0
49	169.3	104.0	193.2

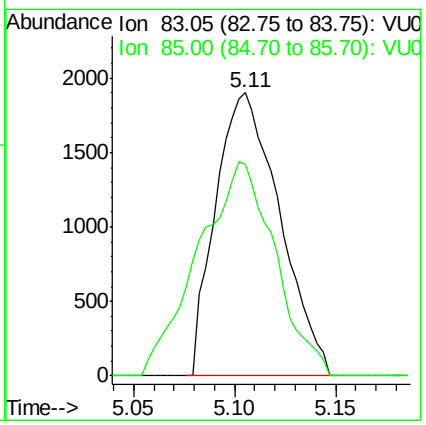


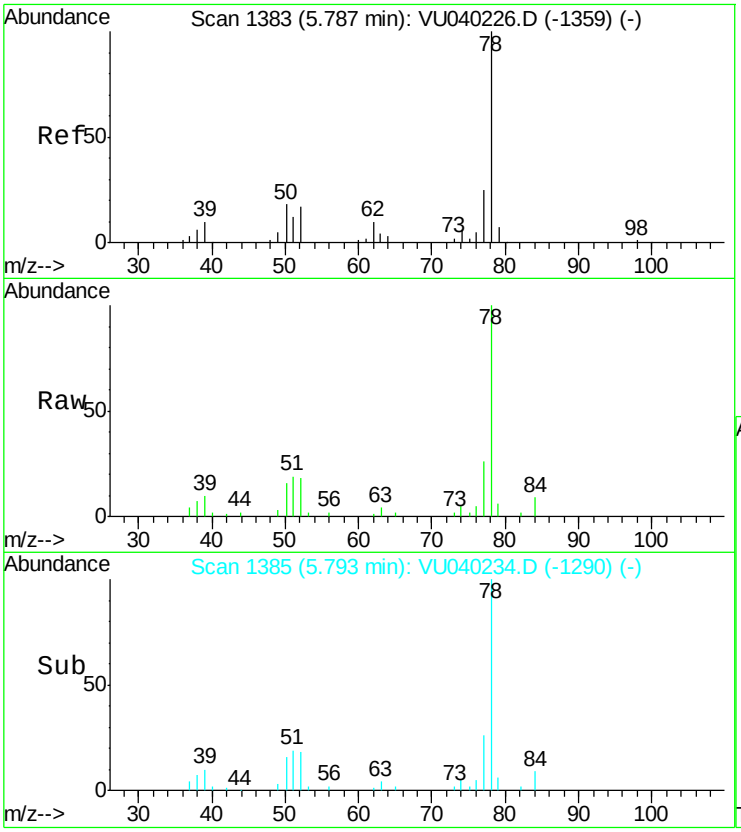


#25
Chloroform
Concen: 0.186 ug/L
RT: 5.11 min Scan# 1171
Delta R.T. -0.00 min
Lab File: VU040234.D
Acq: 21 Sep 2020 15:20

Tgt Ion: 83 Resp: 4194

Ion	Ratio	Lower	Upper
83	100		
85	75.0	45.3	84.1

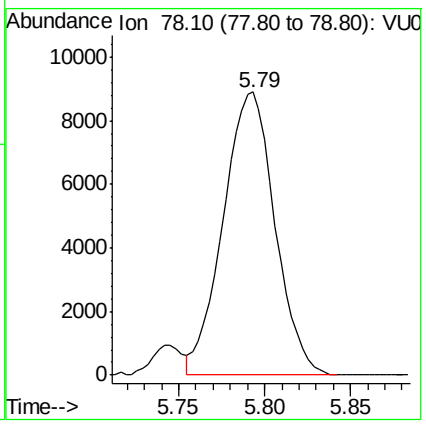


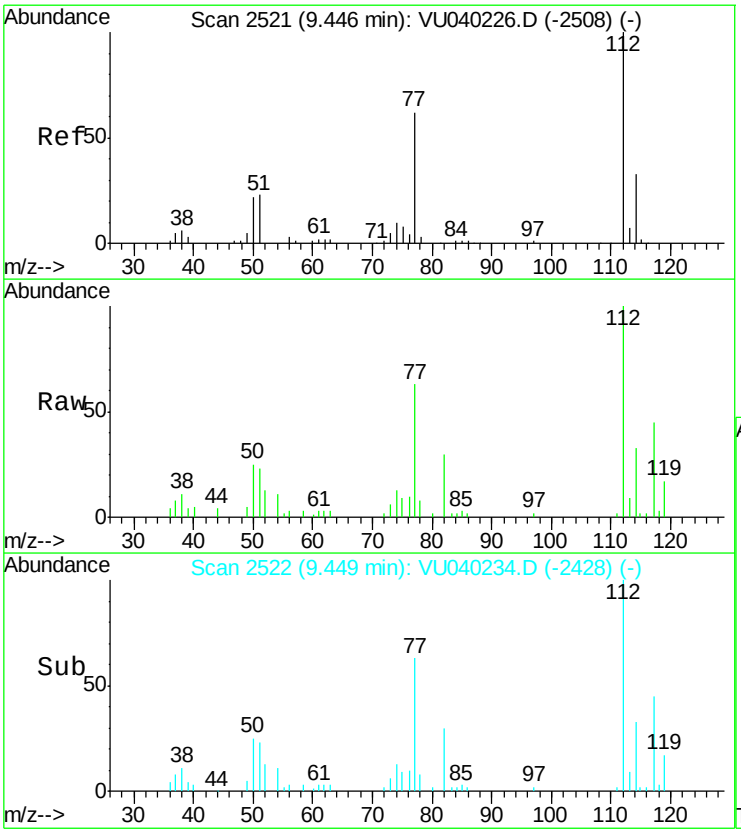


#33
Benzene
Concen: 0.406 ug/L
RT: 5.79 min Scan# 1385
Delta R.T. 0.01 min
Lab File: VU040234.D
Acq: 21 Sep 2020 15:20

Instrument :
MSVOA_U
ClientSampleId :
BG0Q2DL

Tgt Ion: 78 Resp: 18655





#51
Chlorobenzene
Concen: 0.422 ug/L
RT: 9.45 min Scan# 2522
Delta R.T. 0.00 min
Lab File: VU040234.D
Acq: 21 Sep 2020 15:20

Tgt Ion:112 Resp: 12415

Ion	Ratio	Lower	Upper
112	100		
114	33.0	22.7	42.3
77	63.3	53.2	79.8