Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041222\
Data File : VU047977.D
Acq On : 12 Apr 2022 23:38
Operator : SY/MD
Sample : N2345-09
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 38 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0J87

Quant Time: Apr 13 04:51:47 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Apr 13 04:40:51 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	347763	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	366960	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	191036	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	125684	49.838	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 99.680%			
7) Chloroethane-d5	1.916	69	108978	54.805	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 109.600%			
11) 1,1-Dichloroethene-d2	2.571	63	162352	35.187	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 70.380%			
21) 2-Butanone-d5	4.629	46	204595	94.520	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 94.520%			
24) Chloroform-d	5.067	84	224330	48.616	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 97.240%			
26) 1,2-Dichloroethane-d4	5.703	65	145653	51.466	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 102.940%			
32) Benzene-d6	5.729	84	461953	50.029	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 100.060%			
36) 1,2-Dichloropropane-d6	6.694	67	148049	52.208	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 104.420%			
41) Toluene-d8	7.899	98	411302	45.719	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 91.440%			
43) trans-1,3-Dichloroprop...	8.182	79	60170	41.882	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 83.760%			
47) 2-Hexanone-d5	8.636	63	147057	88.585	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 88.590%			
56) 1,1,2,2-Tetrachloroeth...	10.758	84	223897	46.006	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 92.020%			
66) 1,2-Dichlorobenzene-d4	12.195	152	174720	51.408	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 102.820%			
Target Compounds						Qvalue
33) Benzene	5.777	78	33276	3.133	ug/L	100
51) Chlorobenzene	9.449	112	53178	6.720	ug/L	96
65) 1,4-Dichlorobenzene	11.838	146	12376	2.082	ug/L	99
67) 1,2-Dichlorobenzene	12.214	146	4263	0.742	ug/L #	93

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

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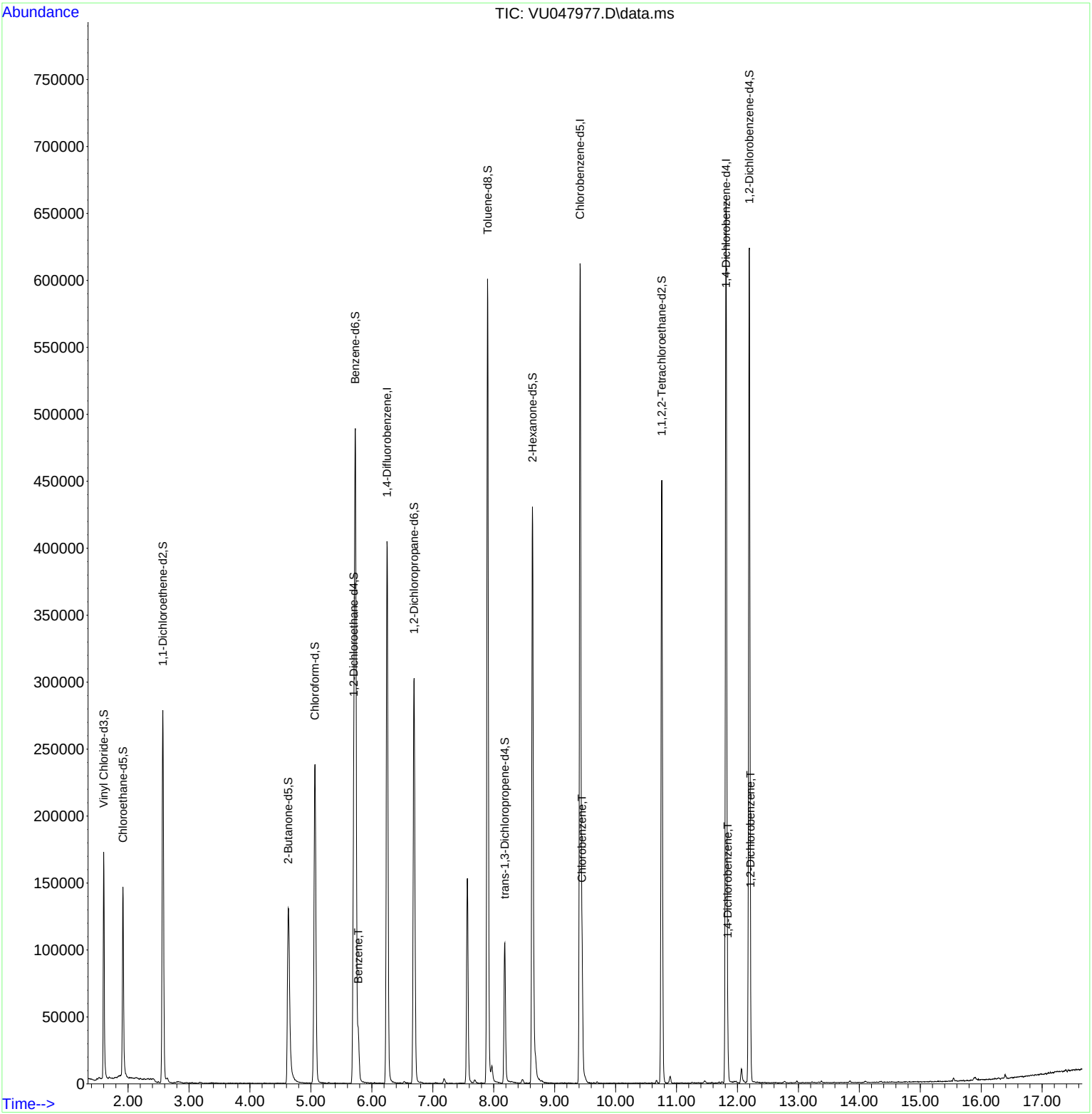
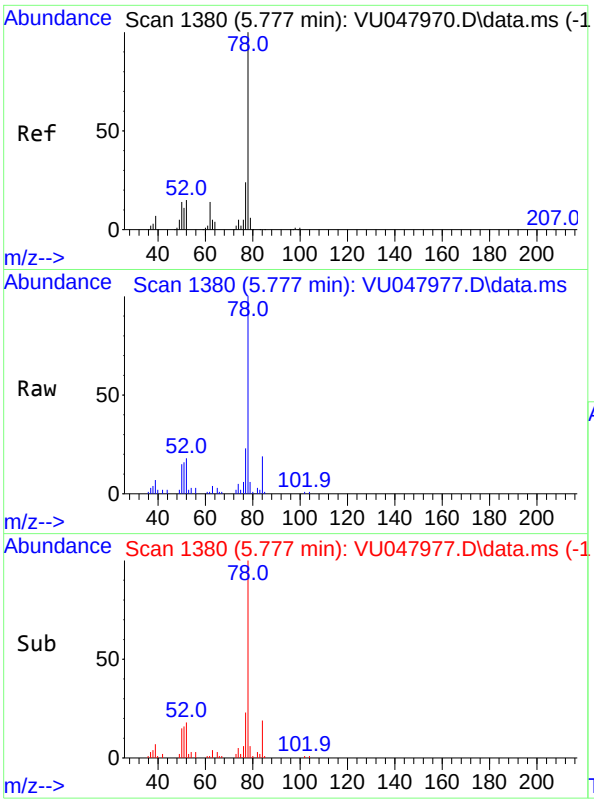
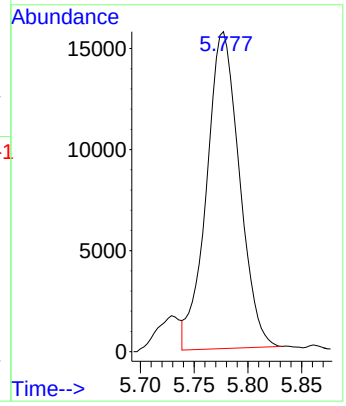


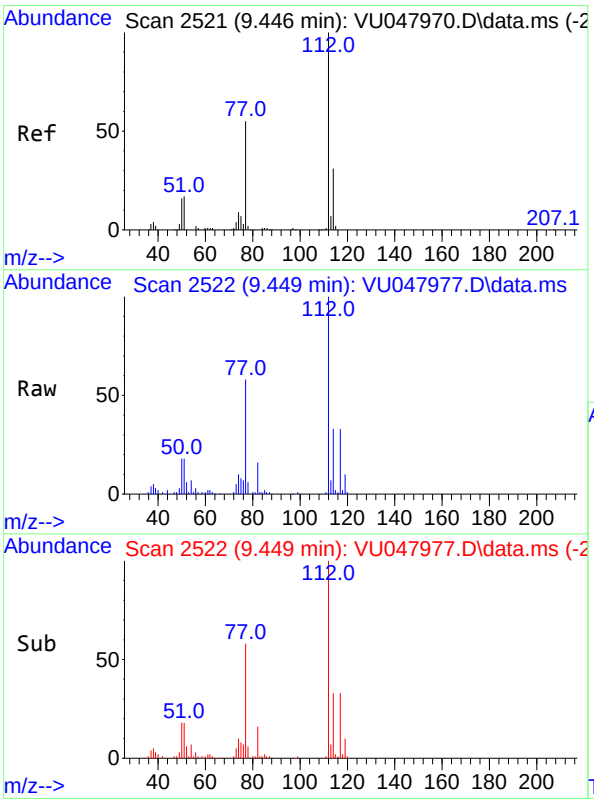


#33
Benzene
Concen: 3.133 ug/L
RT: 5.777 min Scan# 1
Delta R.T. -0.000 min
Lab File: VU047977.D
Acq: 12 Apr 2022 23:38

Instrument :
MSVOA_U
ClientSampleId :
C0J87

Tgt Ion: 78 Resp: 33276

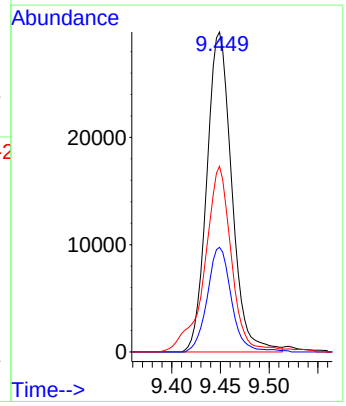


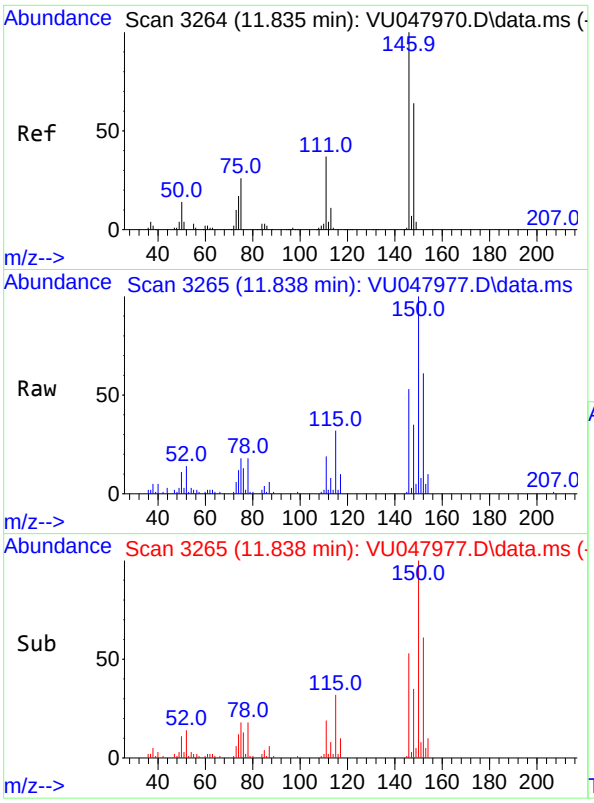


#51
Chlorobenzene
Concen: 6.720 ug/L
RT: 9.449 min Scan# 2522
Delta R.T. 0.003 min
Lab File: VU047977.D
Acq: 12 Apr 2022 23:38

Tgt Ion:112 Resp: 53178

Ion	Ratio	Lower	Upper
112	100		
114	32.7	22.1	41.1
77	58.0	43.4	65.0



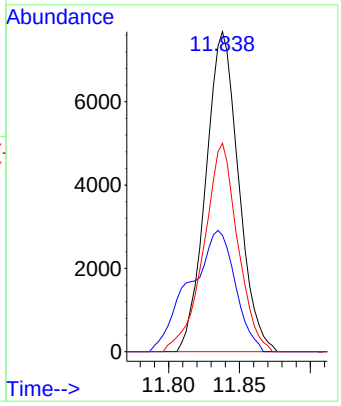


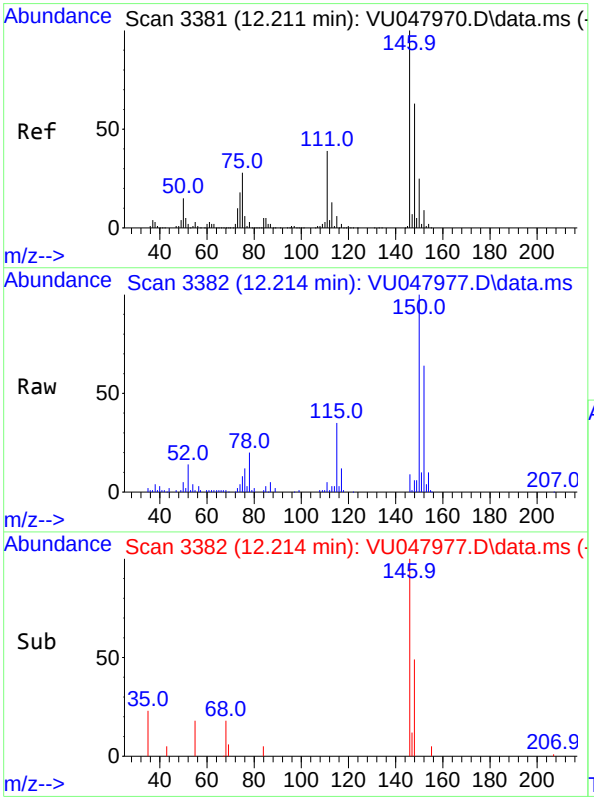
#65
1,4-Dichlorobenzene
Concen: 2.082 ug/L
RT: 11.838 min Scan# 3
Delta R.T. 0.003 min
Lab File: VU047977.D
Acq: 12 Apr 2022 23:38

Instrument :
MSVOA_U
ClientSampleId :
C0J87

Tgt Ion:146 Resp: 12376

Ion	Ratio	Lower	Upper
146	100		
111	36.3	25.3	47.1
148	65.2	44.5	82.7





#67
1,2-Dichlorobenzene
Concen: 0.742 ug/L
RT: 12.214 min Scan# 3382
Delta R.T. 0.003 min
Lab File: VU047977.D
Acq: 12 Apr 2022 23:38

Tgt Ion:146 Resp: 4263

Ion	Ratio	Lower	Upper
146	100		
111	49.5	31.7	47.5#
148	63.7	51.4	77.2